

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052560.D
 Acq On : 27 Dec 2022 13:31
 Operator : JC/MD
 Sample : N6171-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQC9

Quant Time: Dec 28 01:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

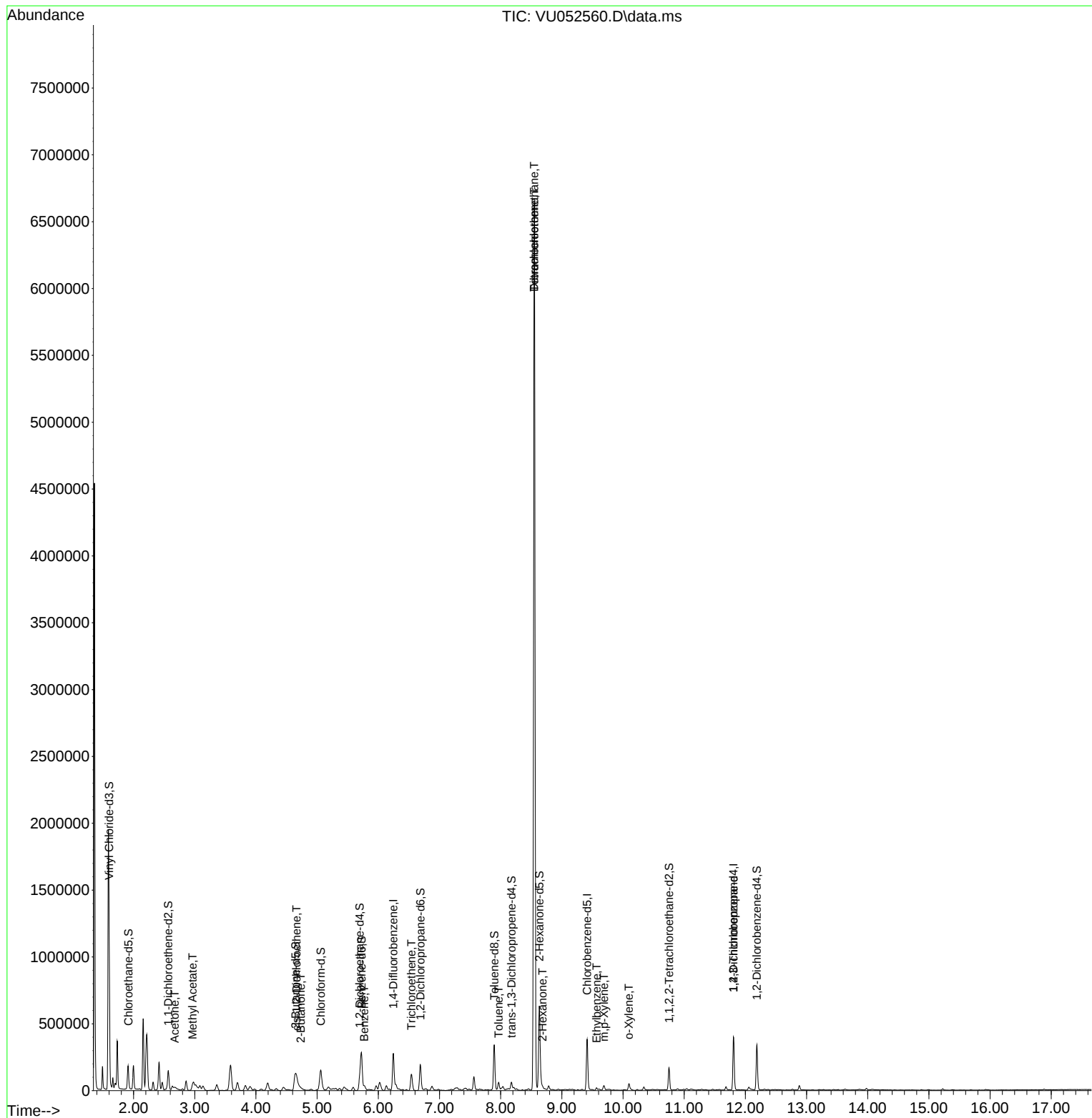
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212379	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	198963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	98268	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57089	2.653	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.000%
7) Chloroethane-d5	1.916	69	60590	3.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.400%
11) 1,1-Dichloroethene-d2	2.568	65	26884	2.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	4.649	46	300416	45.025	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.040%
24) Chloroform-d	5.060	84	129763	3.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
26) 1,2-Dichloroethane-d4	5.697	65	78650	3.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
32) Benzene-d6	5.726	84	264252	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.687	67	94686	4.032	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.896	98	214664	3.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.176	79	33498	4.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.632	63	228372	51.913	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	82681	4.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	83491	4.173	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						Qvalue
13) Acetone	2.671	43	62992	12.807	ug/L	95
15) Methyl Acetate	2.964	43	17761	1.639	ug/L #	56
21) 2-Butanone	4.735	43	25435	3.511	ug/L	84
22) cis-1,2-Dichloroethene	4.665	96	8871	0.493	ug/L	97
33) Benzene	5.771	78	28842	0.402	ug/L	100
34) Trichloroethene	6.539	95	36329	2.168	ug/L	98
42) Toluene	7.967	91	30884	0.449	ug/L	99
47) Tetrachloroethene	8.549	164	1385509	118.475	ug/L	99
48) 2-Hexanone	8.684	43	7466	0.678	ug/L #	80
49) Dibromochloromethane	8.549	129	1375260	91.697	ug/L #	11
52) Ethylbenzene	9.568	91	12515	0.176	ug/L	99
53) m,p-Xylene	9.690	106	9431	0.360	ug/L	92
54) o-Xylene	10.095	106	12079	0.481	ug/L	96
61) 1,2,3-Trichloropropane	11.806	75	14277	1.013	ug/L #	68

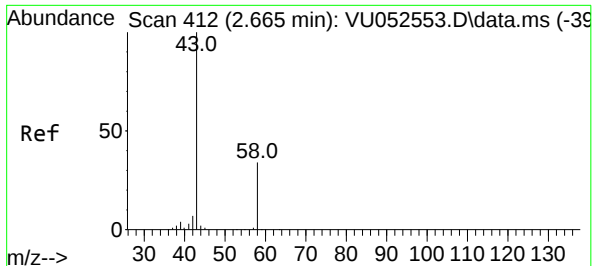
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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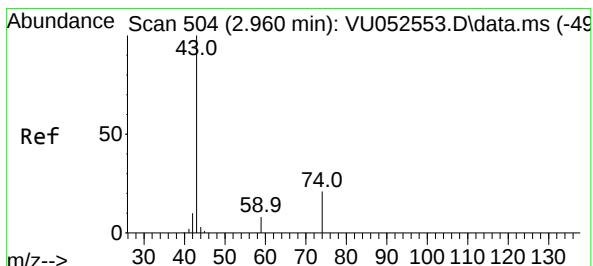
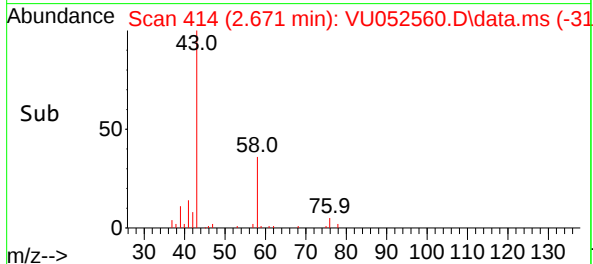
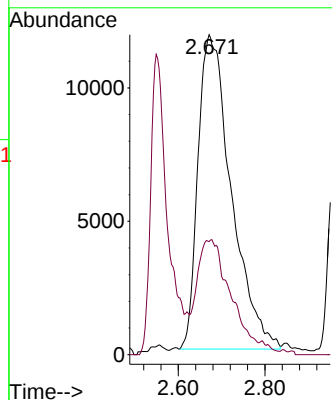
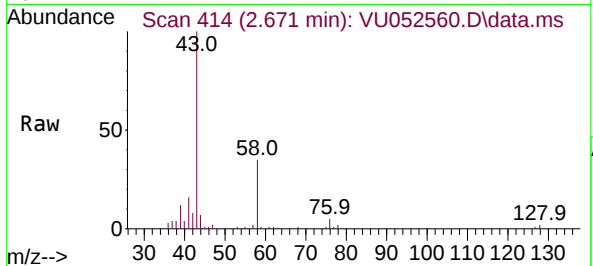




#13
Acetone
Concen: 12.807 ug/L
RT: 2.671 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

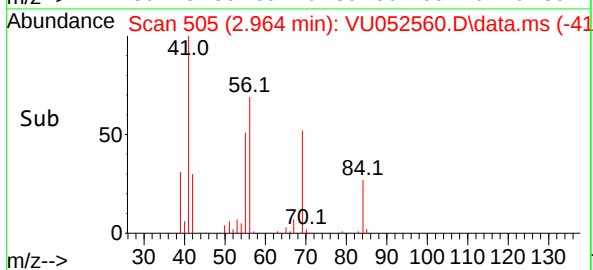
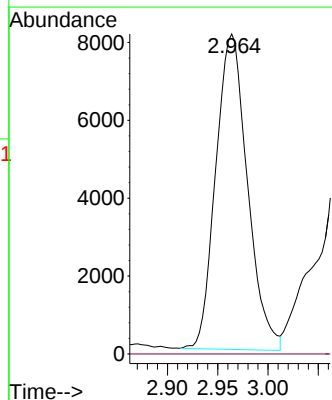
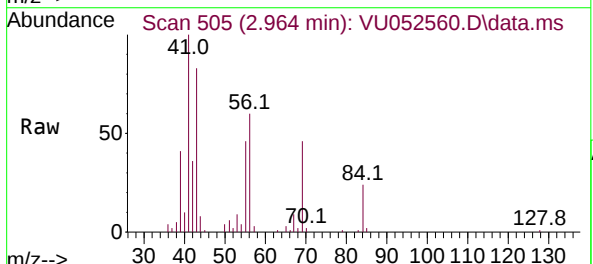
Instrument :
MSVOA_U
ClientSampleId :
GBQC9

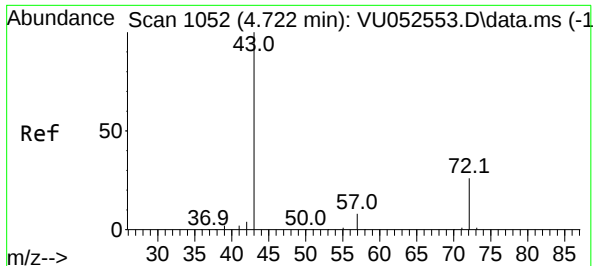
Tgt Ion: 43 Resp: 62992
Ion Ratio Lower Upper
43 100
58 35.5 0.0 65.4



#15
Methyl Acetate
Concen: 1.639 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Tgt Ion: 43 Resp: 17761
Ion Ratio Lower Upper
43 100
74 0.3 16.9 25.3#





#21

2-Butanone

Concen: 3.511 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.013 min

Lab File: VU052560.D

Acq: 27 Dec 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

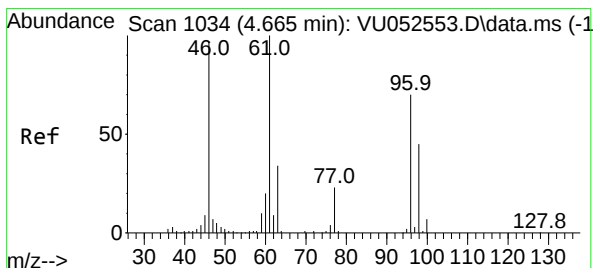
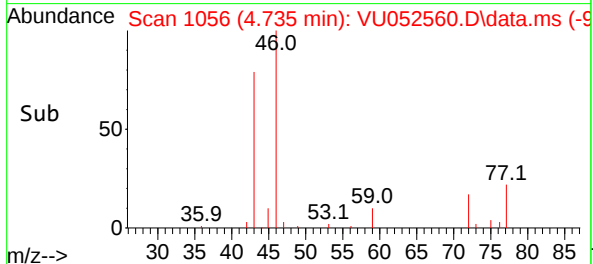
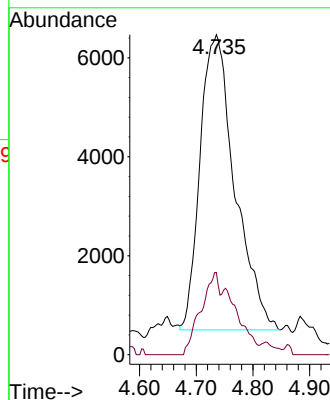
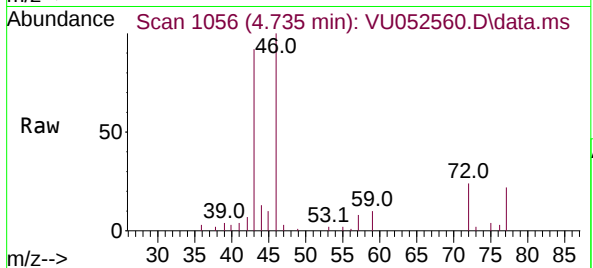
GBQC9

Tgt Ion: 43 Resp: 25435

Ion Ratio Lower Upper

43 100

72 15.5 11.6 34.7



#22

cis-1,2-Dichloroethene

Concen: 0.493 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052560.D

Acq: 27 Dec 2022 13:31

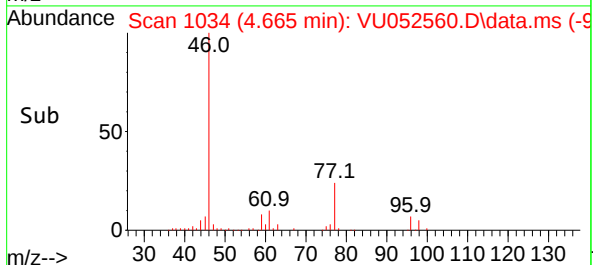
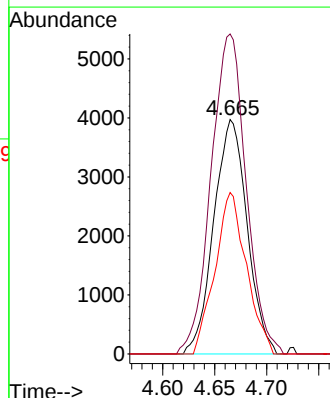
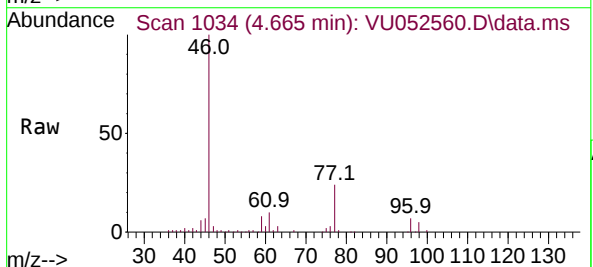
Tgt Ion: 96 Resp: 8871

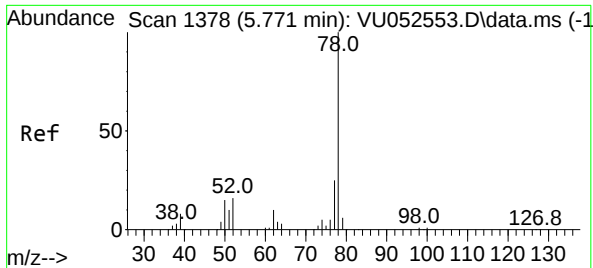
Ion Ratio Lower Upper

96 100

61 136.5 96.9 180.1

98 68.9 44.7 83.1

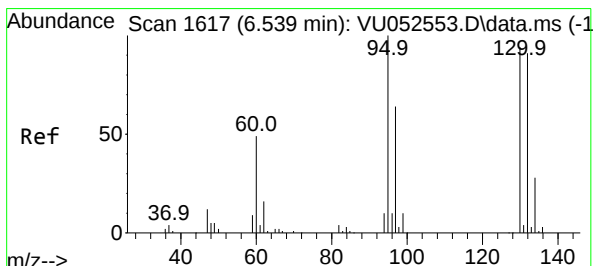
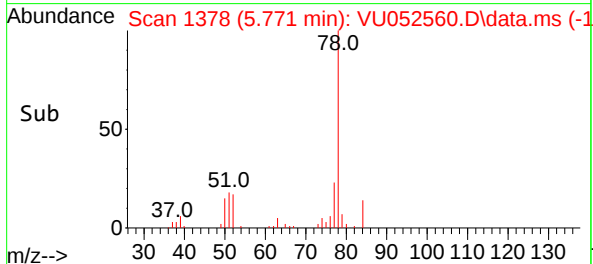
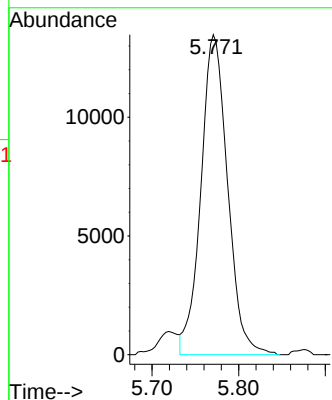
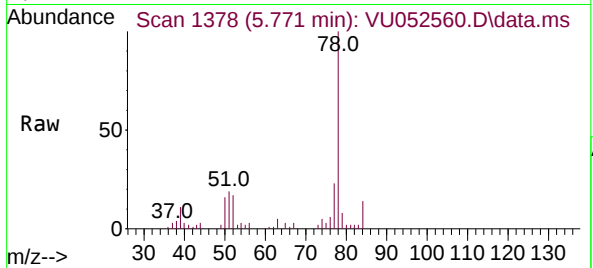




#33
Benzene
Concen: 0.402 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
GBQC9

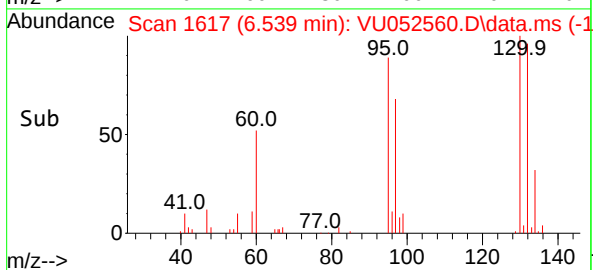
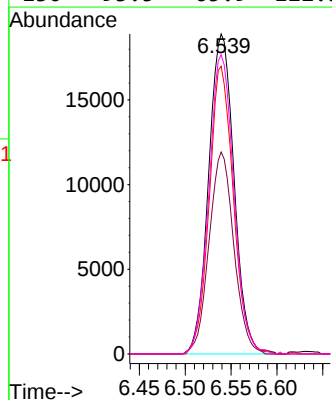
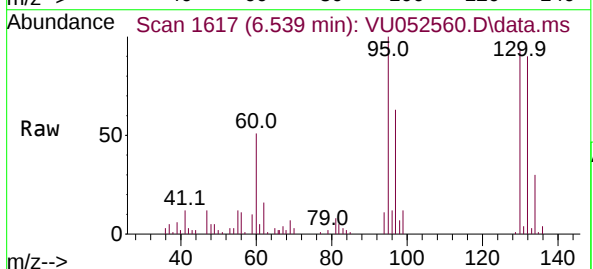
Tgt Ion: 78 Resp: 28842

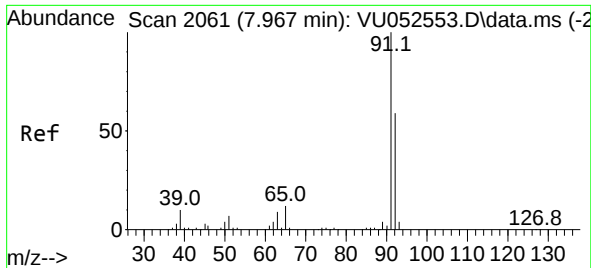


#34
Trichloroethene
Concen: 2.168 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Tgt Ion: 95 Resp: 36329

Ion	Ratio	Lower	Upper
95	100		
97	63.1	46.3	86.1
132	89.9	63.9	118.7
130	93.5	65.9	122.5





#42

Toluene

Concen: 0.449 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052560.D

Acq: 27 Dec 2022 13:31

Instrument :

MSVOA_U

ClientSampleId :

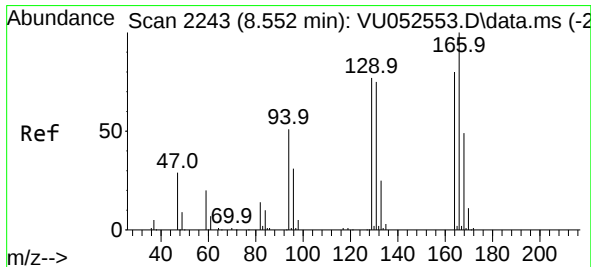
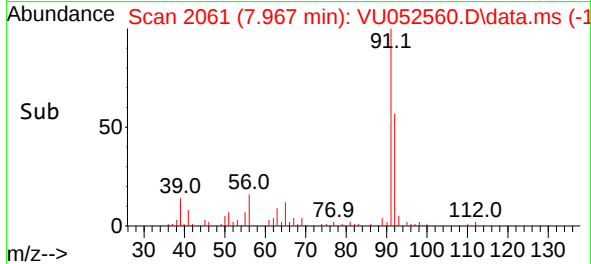
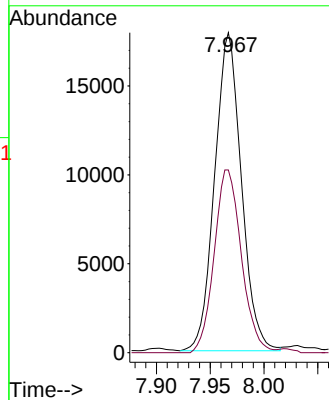
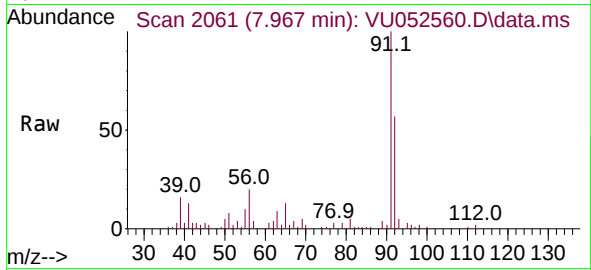
GBQC9

Tgt Ion: 91 Resp: 30884

Ion Ratio Lower Upper

91 100

92 57.1 40.6 75.4



#47

Tetrachloroethene

Concen: 118.475 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052560.D

Acq: 27 Dec 2022 13:31

Tgt Ion:164 Resp: 1385509

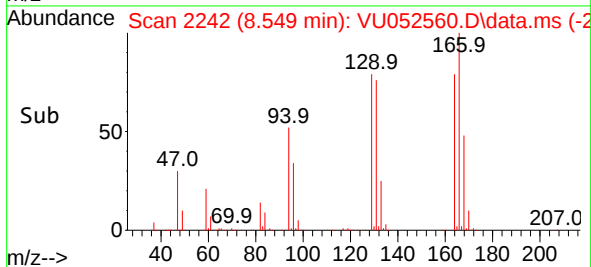
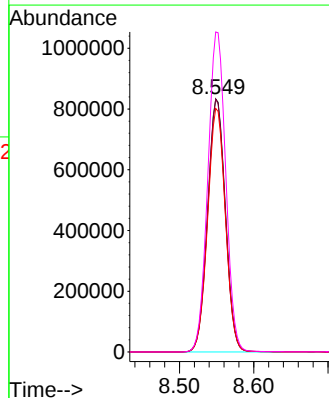
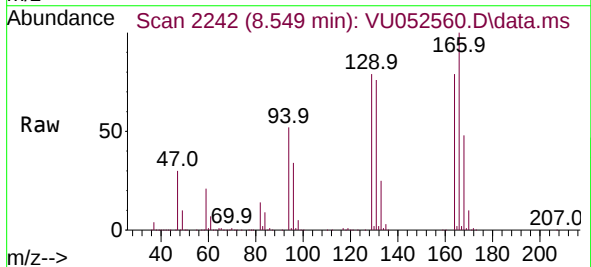
Ion Ratio Lower Upper

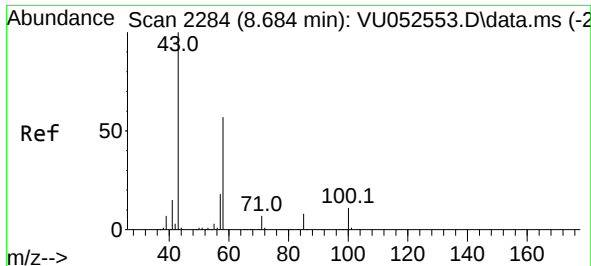
164 100

129 99.9 68.1 126.5

131 96.3 66.5 123.5

166 126.5 87.9 163.3

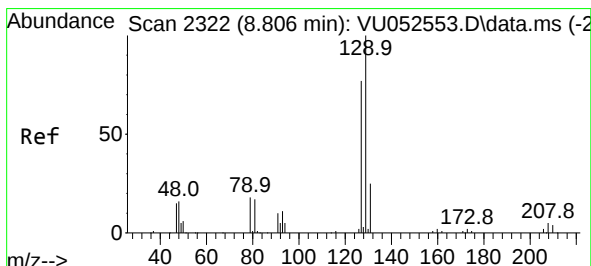
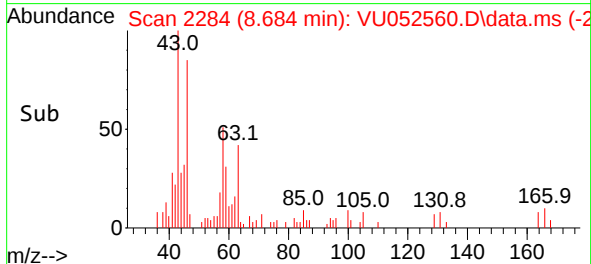
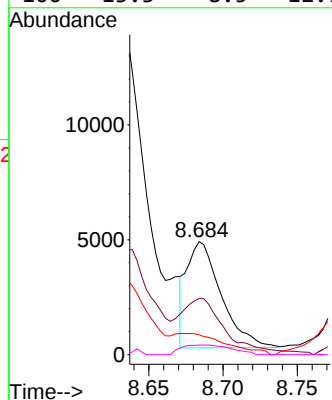
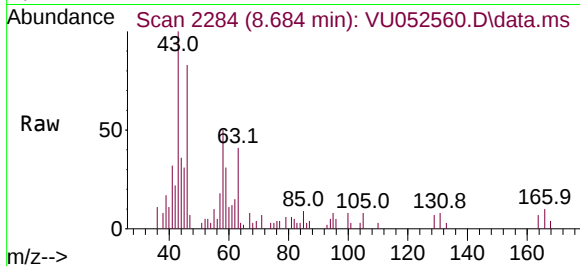




#48
2-Hexanone
Concen: 0.678 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

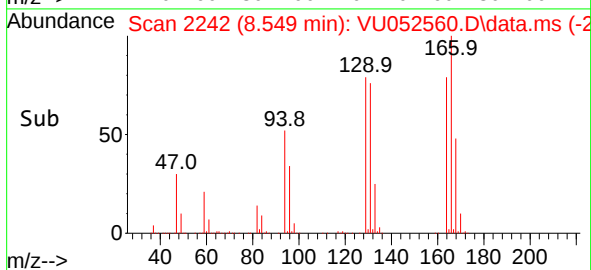
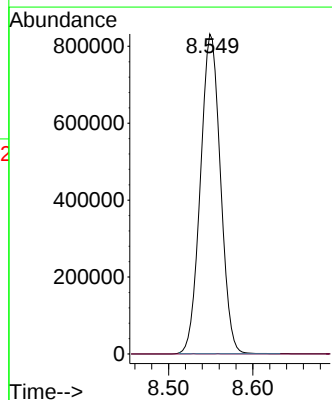
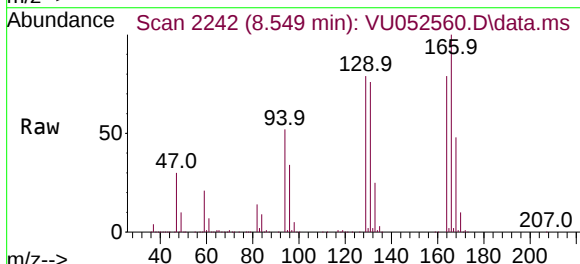
Instrument :
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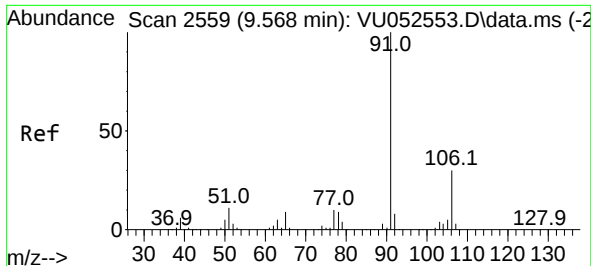
Tgt Ion: 43 Resp: 7466
Ion Ratio Lower Upper
43 100
58 70.5 44.1 66.1#
57 29.2 14.6 21.8#
100 13.3 8.5 12.7#



#49
Dibromochloromethane
Concen: 91.697 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Tgt Ion: 129 Resp: 1375260
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#

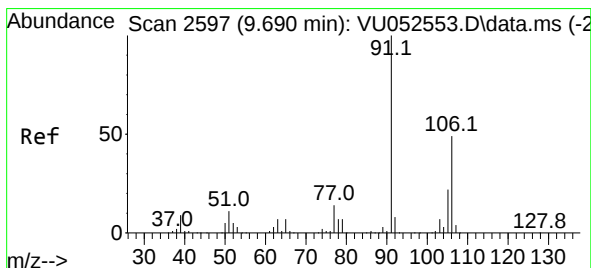
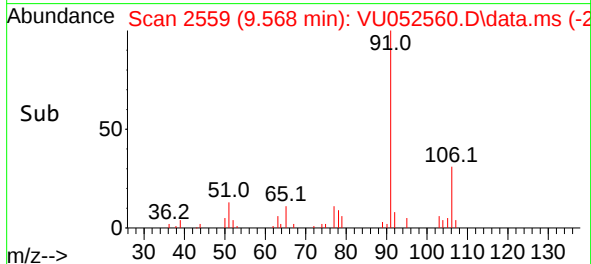
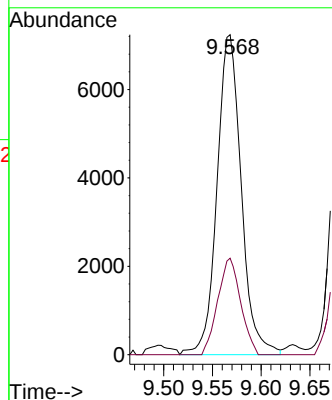
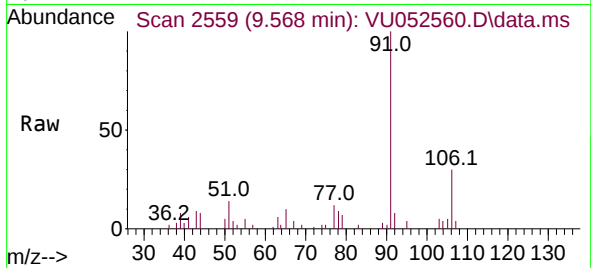




#52
Ethylbenzene
Concen: 0.176 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

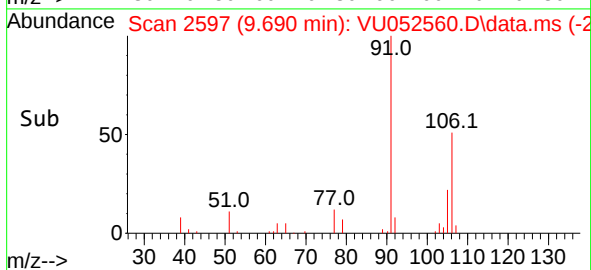
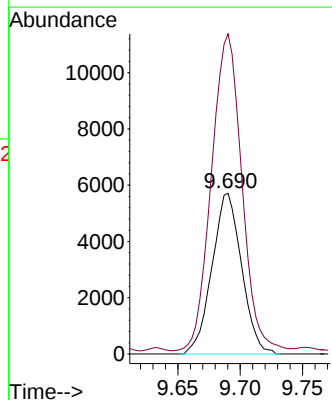
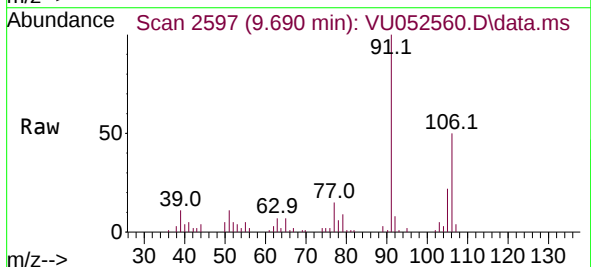
Instrument :
MSVOA_U
ClientSampleId :
GBQC9

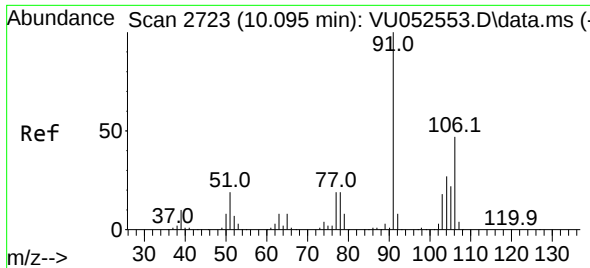
Tgt Ion: 91 Resp: 12515
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.7



#53
m,p-Xylene
Concen: 0.360 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Tgt Ion: 106 Resp: 9431
Ion Ratio Lower Upper
106 100
91 199.2 148.2 275.2

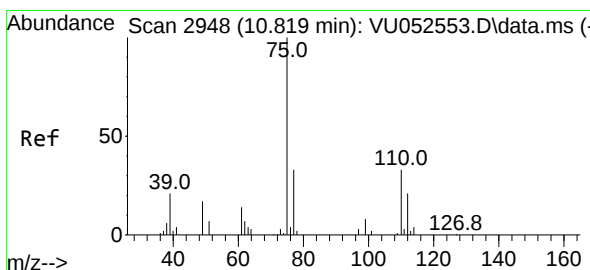
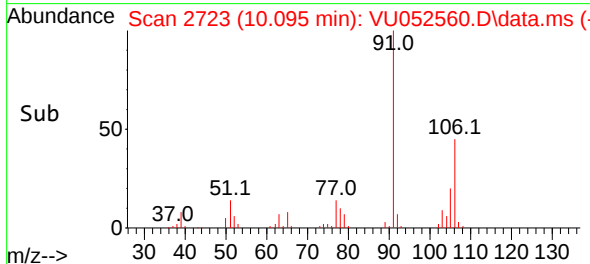
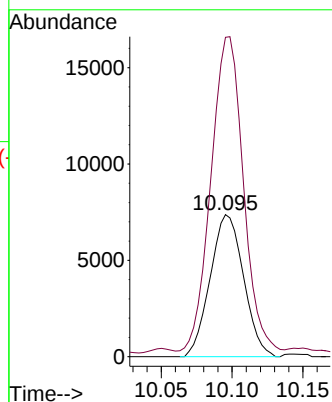
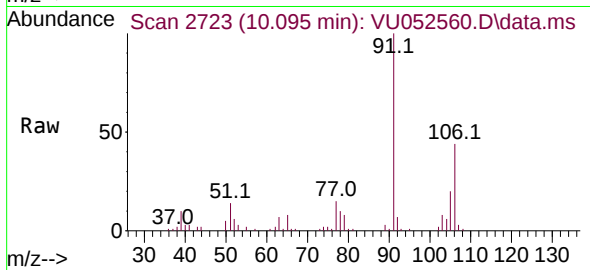




#54
o-Xylene
Concen: 0.481 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Instrument :
MSVOA_U
ClientSampleId :
GBQC9

Tgt Ion:106 Resp: 12079
Ion Ratio Lower Upper
106 100
91 224.8 153.2 284.4



#61
1,2,3-Trichloropropane
Concen: 1.013 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052560.D
Acq: 27 Dec 2022 13:31

Tgt Ion: 75 Resp: 14277
Ion Ratio Lower Upper
75 100
110 1.4 27.9 41.9#
77 34.4 25.9 38.9

