

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052559.D
 Acq On : 27 Dec 2022 13:08
 Operator : JC/MD
 Sample : N6171-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQC8

Quant Time: Dec 28 01:20:28 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)

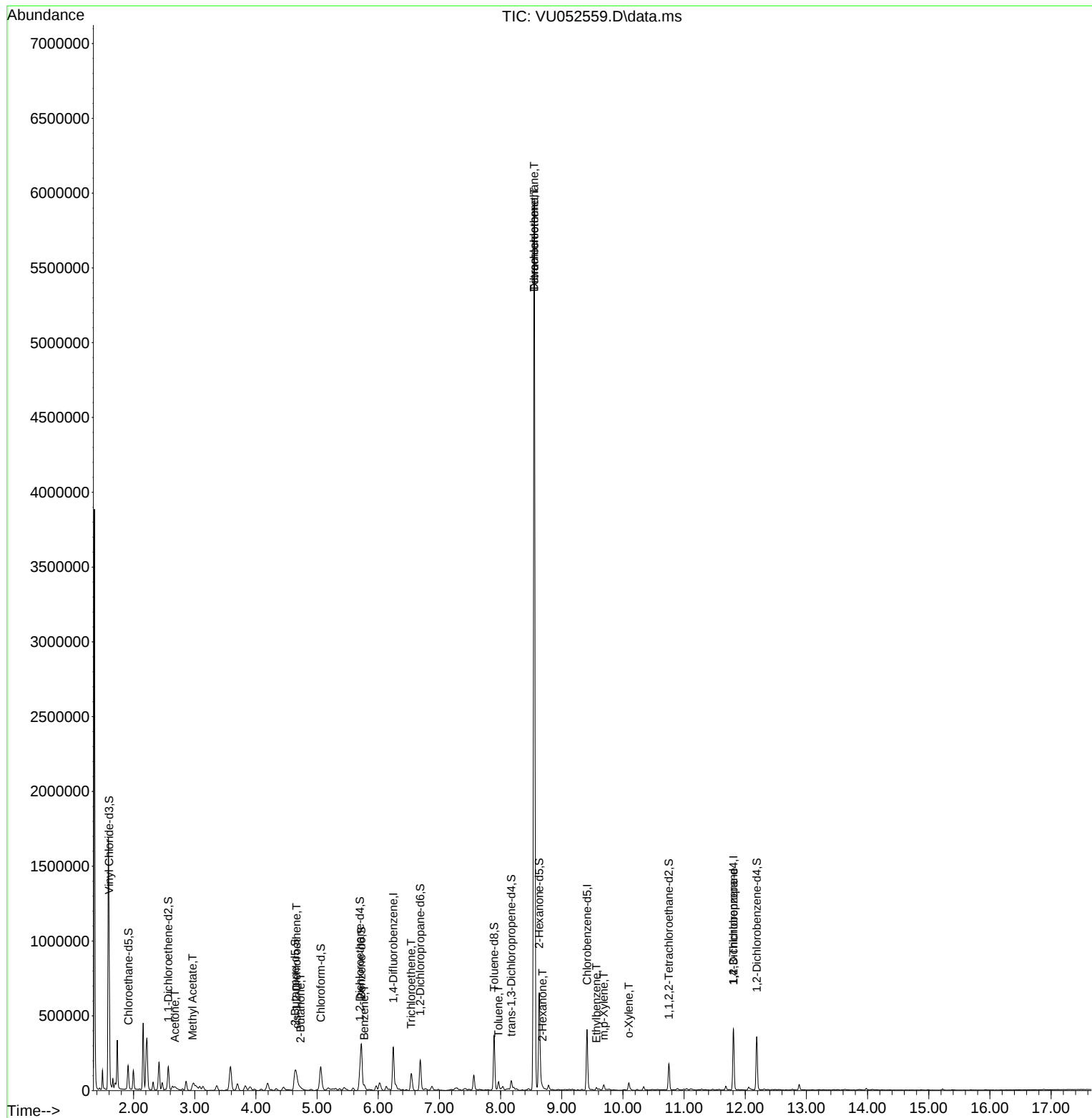
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	223599	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63159	2.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.800%
7) Chloroethane-d5	1.916	69	64795	3.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.400%
11) 1,1-Dichloroethene-d2	2.568	65	28718	2.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	4.642	46	306171	43.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.160%
24) Chloroform-d	5.060	84	139626	3.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
26) 1,2-Dichloroethane-d4	5.700	65	82185	3.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	5.722	84	284699	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.687	67	100893	4.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.893	98	230272	3.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.176	79	35238	4.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.632	63	234407	50.808	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86061	4.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	88894	4.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						Qvalue
13) Acetone	2.674	43	62095	11.991	ug/L	94
15) Methyl Acetate	2.964	43	13635	1.195	ug/L #	55
21) 2-Butanone	4.729	43	24720	3.241	ug/L	87
22) cis-1,2-Dichloroethene	4.665	96	9235	0.488	ug/L	97
33) Benzene	5.771	78	31013	0.413	ug/L	100
34) Trichloroethene	6.539	95	33863	1.927	ug/L	98
42) Toluene	7.967	91	30688	0.426	ug/L	99
47) Tetrachloroethene	8.549	164	1244273	101.451	ug/L	98
48) 2-Hexanone	8.687	43	8315	0.720	ug/L	94
49) Dibromochloromethane	8.549	129	1232348	78.348	ug/L #	11
52) Ethylbenzene	9.568	91	11809	0.158	ug/L	96
53) m,p-Xylene	9.687	106	9626	0.350	ug/L	98
54) o-Xylene	10.095	106	11865	0.450	ug/L	97
61) 1,2,3-Trichloropropane	11.806	75	14687	0.989	ug/L #	71

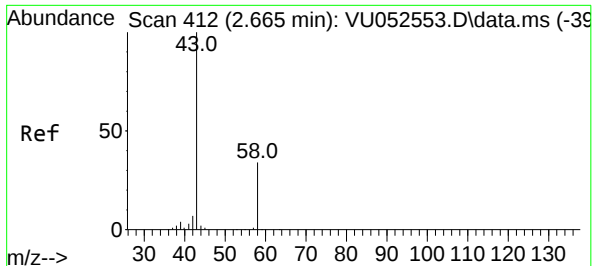
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 28 01:18:16 2022
Response via : Initial Calibration





#13

Acetone

Concen: 11.991 ug/L

RT: 2.674 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU052559.D

Acq: 27 Dec 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

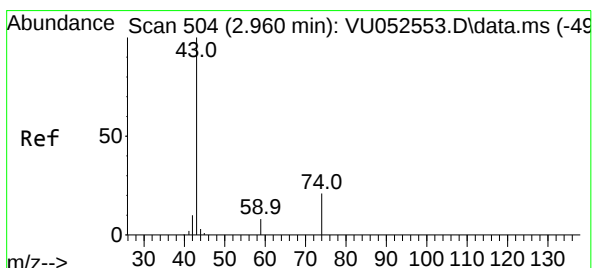
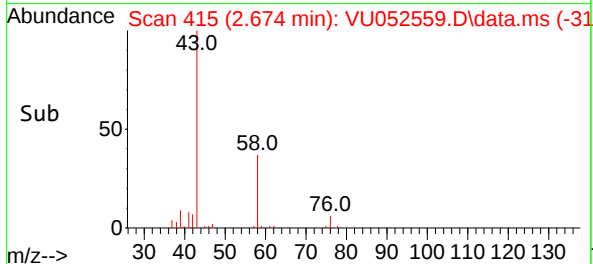
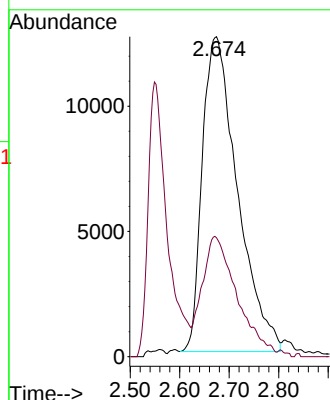
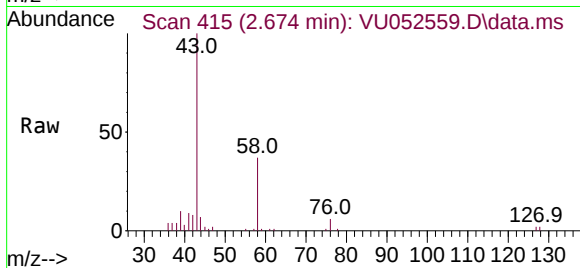
GBQC8

Tgt Ion: 43 Resp: 62095

Ion Ratio Lower Upper

43 100

58 36.2 0.0 65.4



#15

Methyl Acetate

Concen: 1.195 ug/L

RT: 2.964 min Scan# 505

Delta R.T. 0.003 min

Lab File: VU052559.D

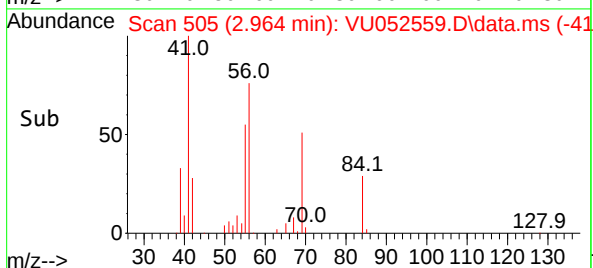
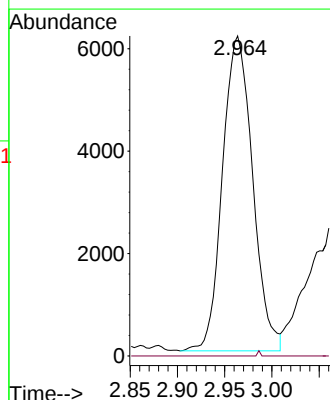
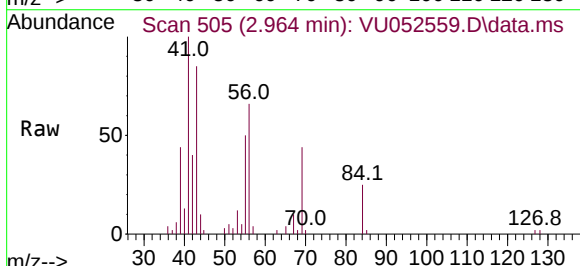
Acq: 27 Dec 2022 13:08

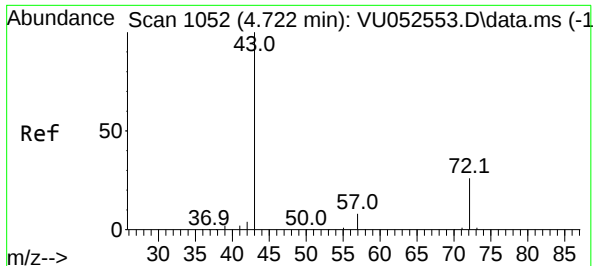
Tgt Ion: 43 Resp: 13635

Ion Ratio Lower Upper

43 100

74 0.1 16.9 25.3#





#21

2-Butanone

Concen: 3.241 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VU052559.D

Acq: 27 Dec 2022 13:08

Instrument :

MSVOA_U

ClientSampleId :

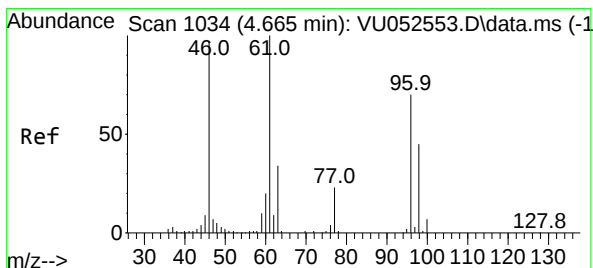
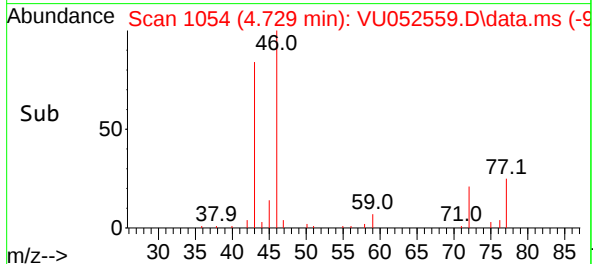
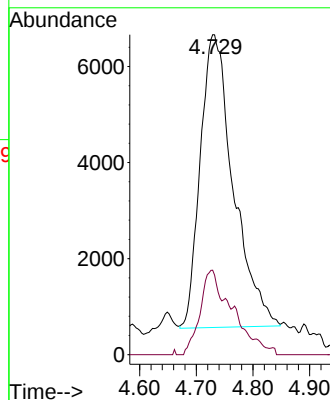
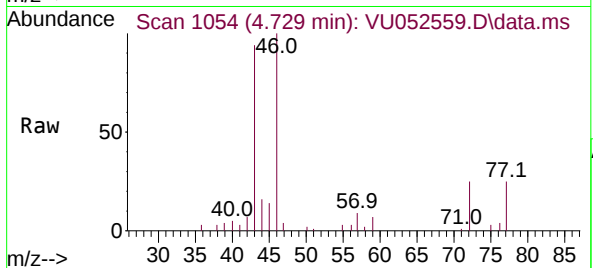
GBQC8

Tgt Ion: 43 Resp: 24720

Ion Ratio Lower Upper

43 100

72 16.6 11.6 34.7



#22

cis-1,2-Dichloroethene

Concen: 0.488 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052559.D

Acq: 27 Dec 2022 13:08

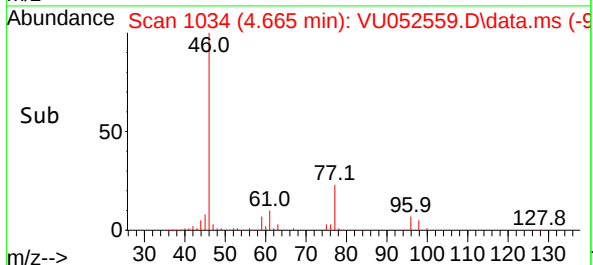
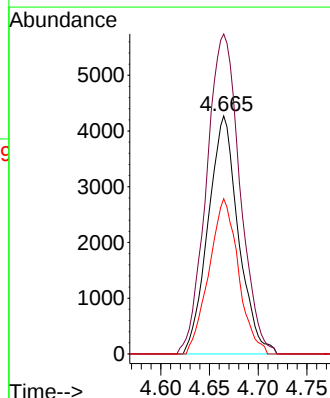
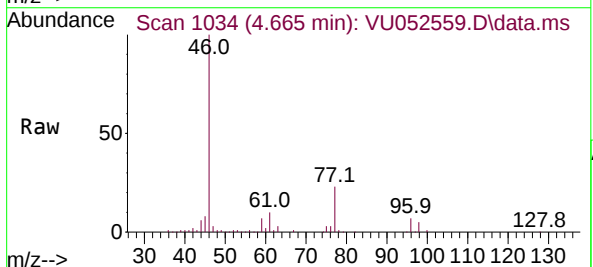
Tgt Ion: 96 Resp: 9235

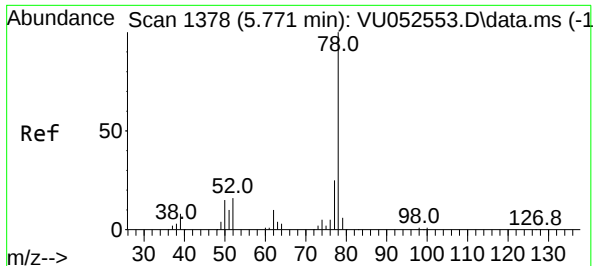
Ion Ratio Lower Upper

96 100

61 134.4 96.9 180.1

98 65.2 44.7 83.1

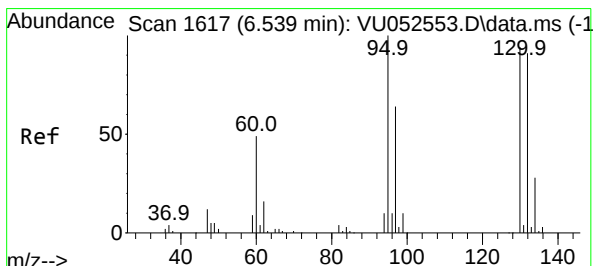
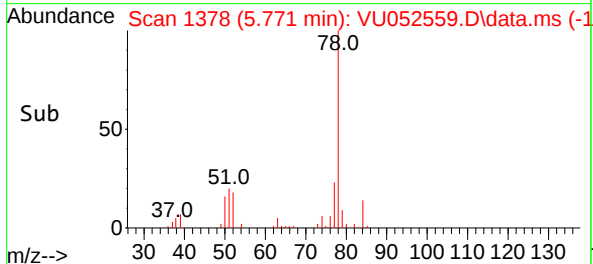
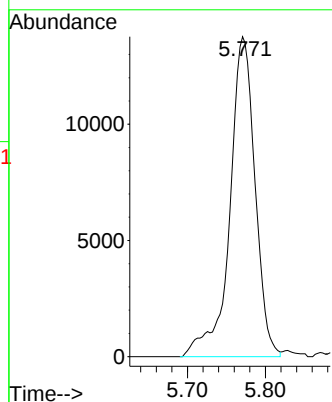
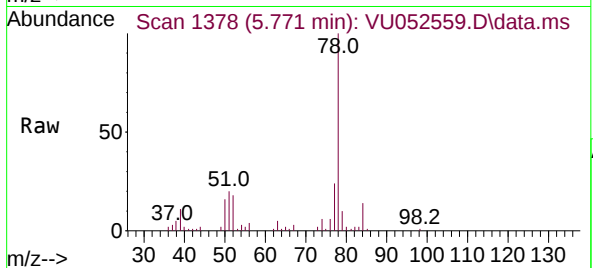




#33
Benzene
Concen: 0.413 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Instrument :
MSVOA_U
ClientSampleId :
GBQC8

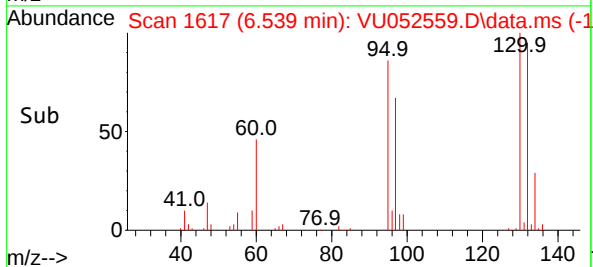
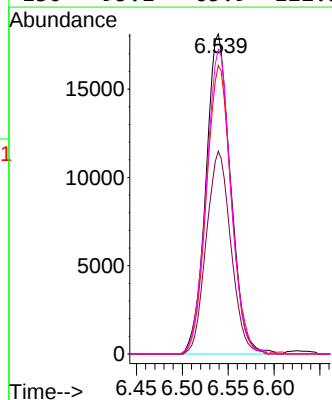
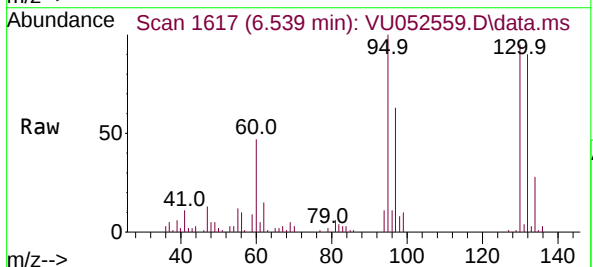
Tgt Ion: 78 Resp: 31013

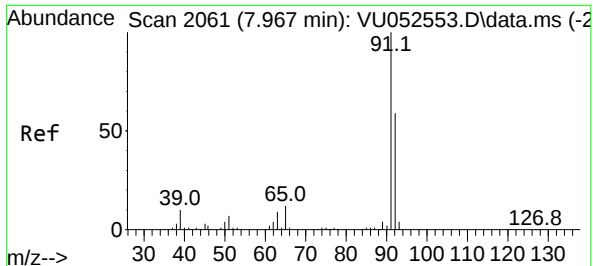


#34
Trichloroethene
Concen: 1.927 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Tgt Ion: 95 Resp: 33863

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.3	86.1
132	90.1	63.9	118.7
130	95.1	65.9	122.5

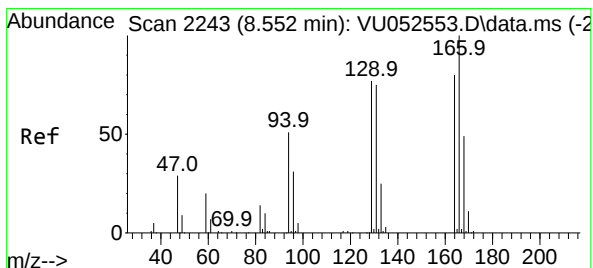
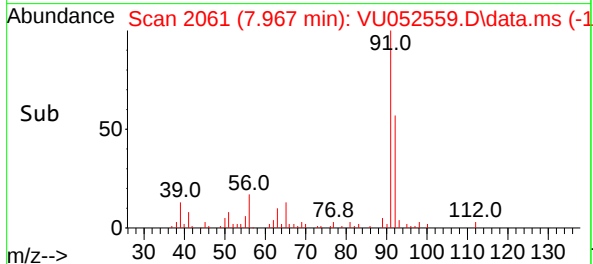
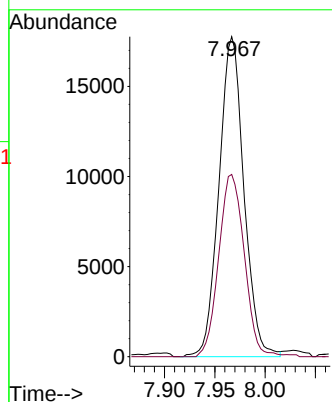
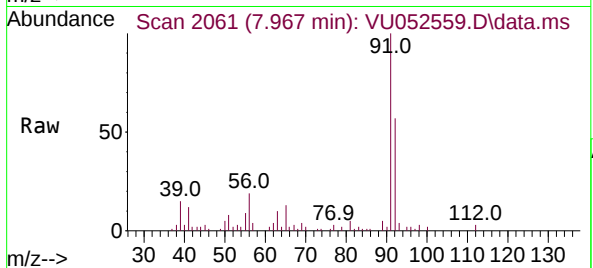




#42
Toluene
Concen: 0.426 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

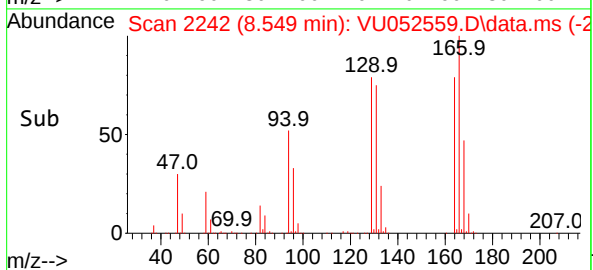
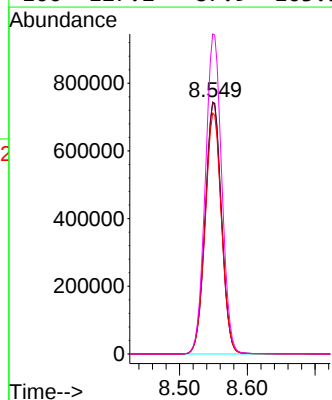
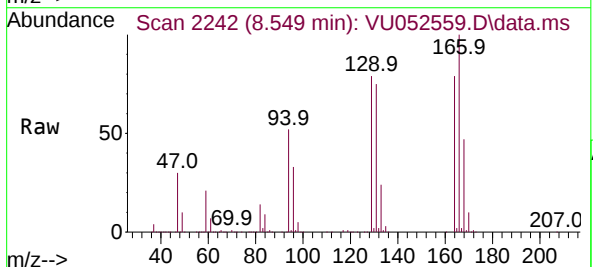
Instrument :
MSVOA_U
ClientSampleId :
GBQC8

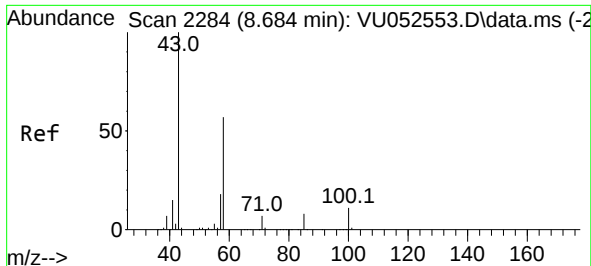
Tgt Ion: 91 Resp: 30688
Ion Ratio Lower Upper
91 100
92 56.9 40.6 75.4



#47
Tetrachloroethene
Concen: 101.451 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Tgt Ion:164 Resp: 1244273
Ion Ratio Lower Upper
164 100
129 100.0 68.1 126.5
131 95.7 66.5 123.5
166 127.2 87.9 163.3

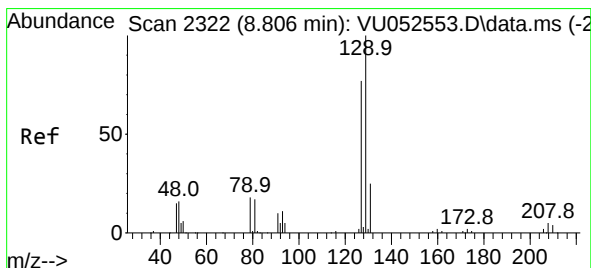
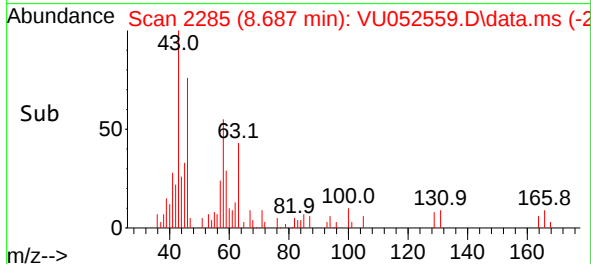
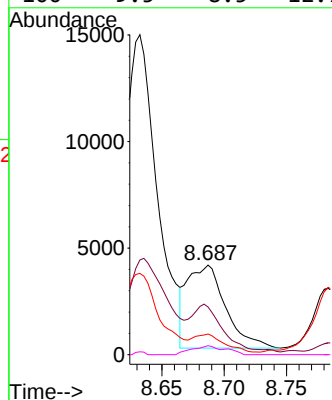
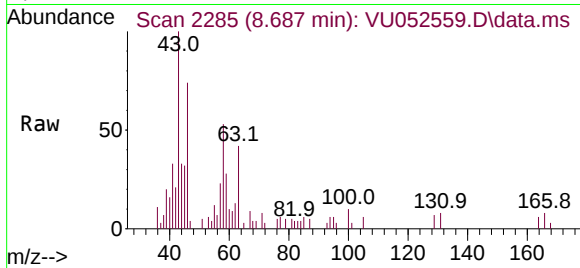




#48
2-Hexanone
Concen: 0.720 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

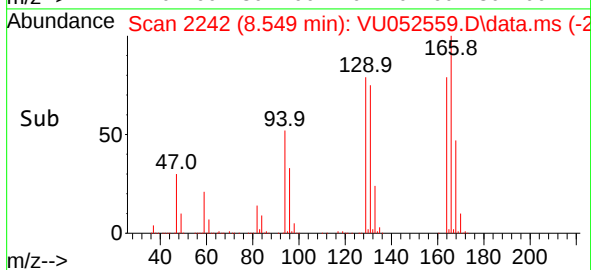
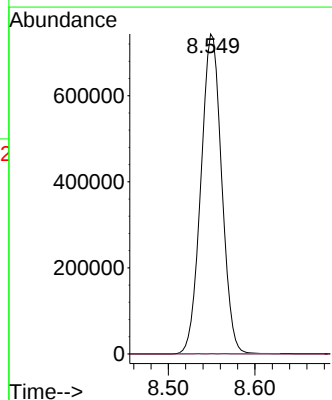
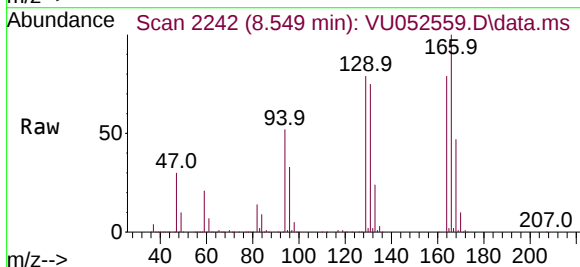
Instrument :
MSVOA_U
ClientSampleId :
GBQC8

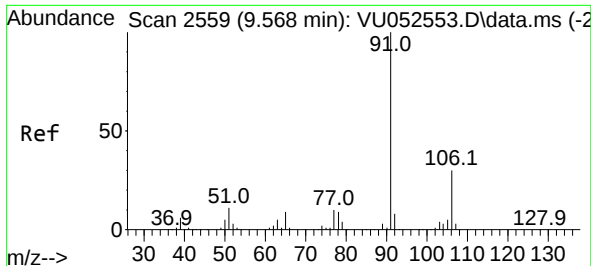
Tgt Ion: 43	Resp: 8315
Ion Ratio	Lower Upper
43 100	
58 49.4	44.1 66.1
57 17.5	14.6 21.8
100 9.5	8.5 12.7



#49
Dibromochloromethane
Concen: 78.348 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Tgt Ion:129	Resp: 1232348		
Ion	Ratio	Lower	Upper
129	100		
127	0.1	54.2	100.6#

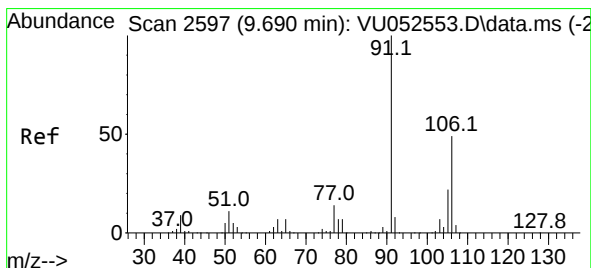
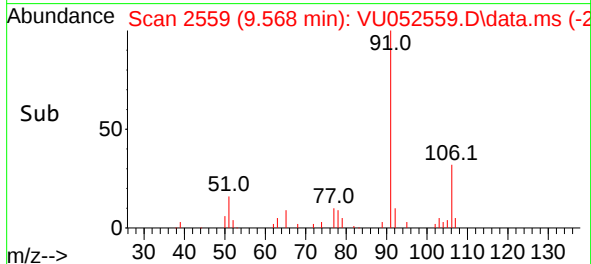
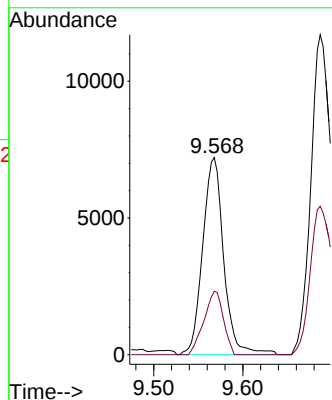
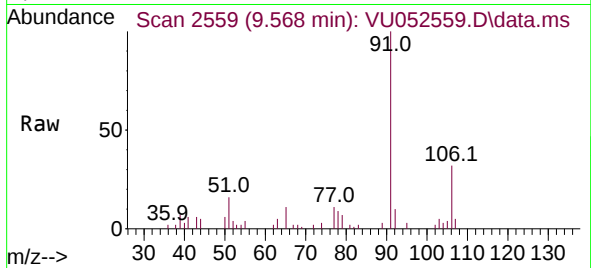




#52
Ethylbenzene
Concen: 0.158 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

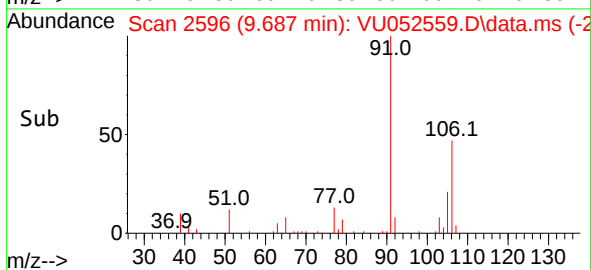
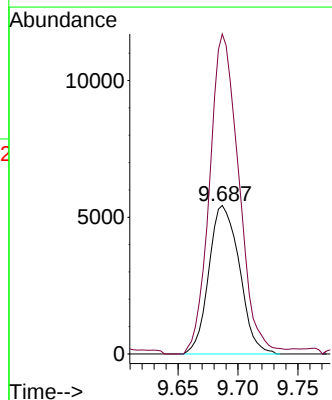
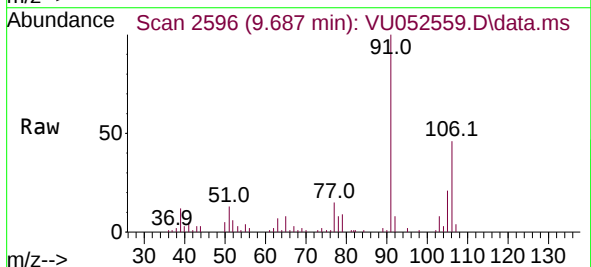
Instrument :
MSVOA_U
ClientSampleId :
GBQC8

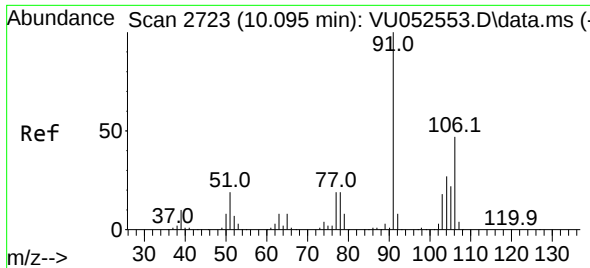
Tgt Ion: 91 Resp: 11809
Ion Ratio Lower Upper
91 100
106 32.1 20.9 38.7



#53
m,p-Xylene
Concen: 0.350 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Tgt Ion: 106 Resp: 9626
Ion Ratio Lower Upper
106 100
91 215.6 148.2 275.2

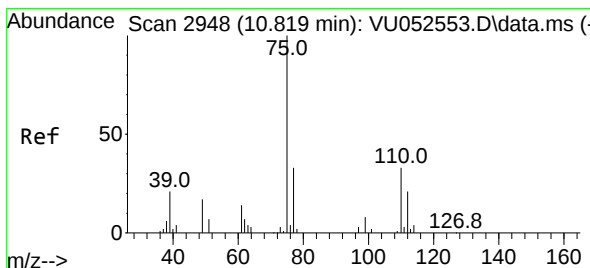
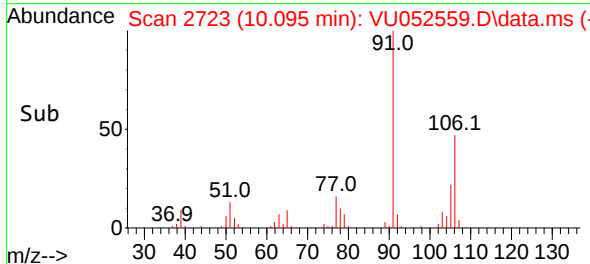
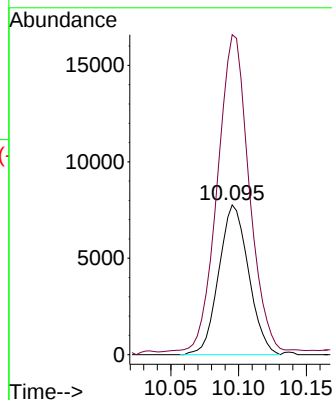
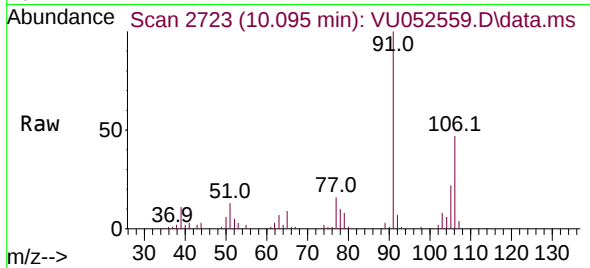




#54
o-Xylene
Concen: 0.450 ug/L
RT: 10.095 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Instrument :
MSVOA_U
ClientSampleId :
GBQC8

Tgt Ion:106 Resp: 11865
Ion Ratio Lower Upper
106 100
91 213.6 153.2 284.4



#61
1,2,3-Trichloropropane
Concen: 0.989 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052559.D
Acq: 27 Dec 2022 13:08

Tgt Ion: 75 Resp: 14687
Ion Ratio Lower Upper
75 100
110 2.9 27.9 41.9#
77 33.2 25.9 38.9

