

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052585.D
 Acq On : 28 Dec 2022 13:56
 Operator : JC/MD
 Sample : N6169-12DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA3DL

Quant Time: Dec 29 00:26:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

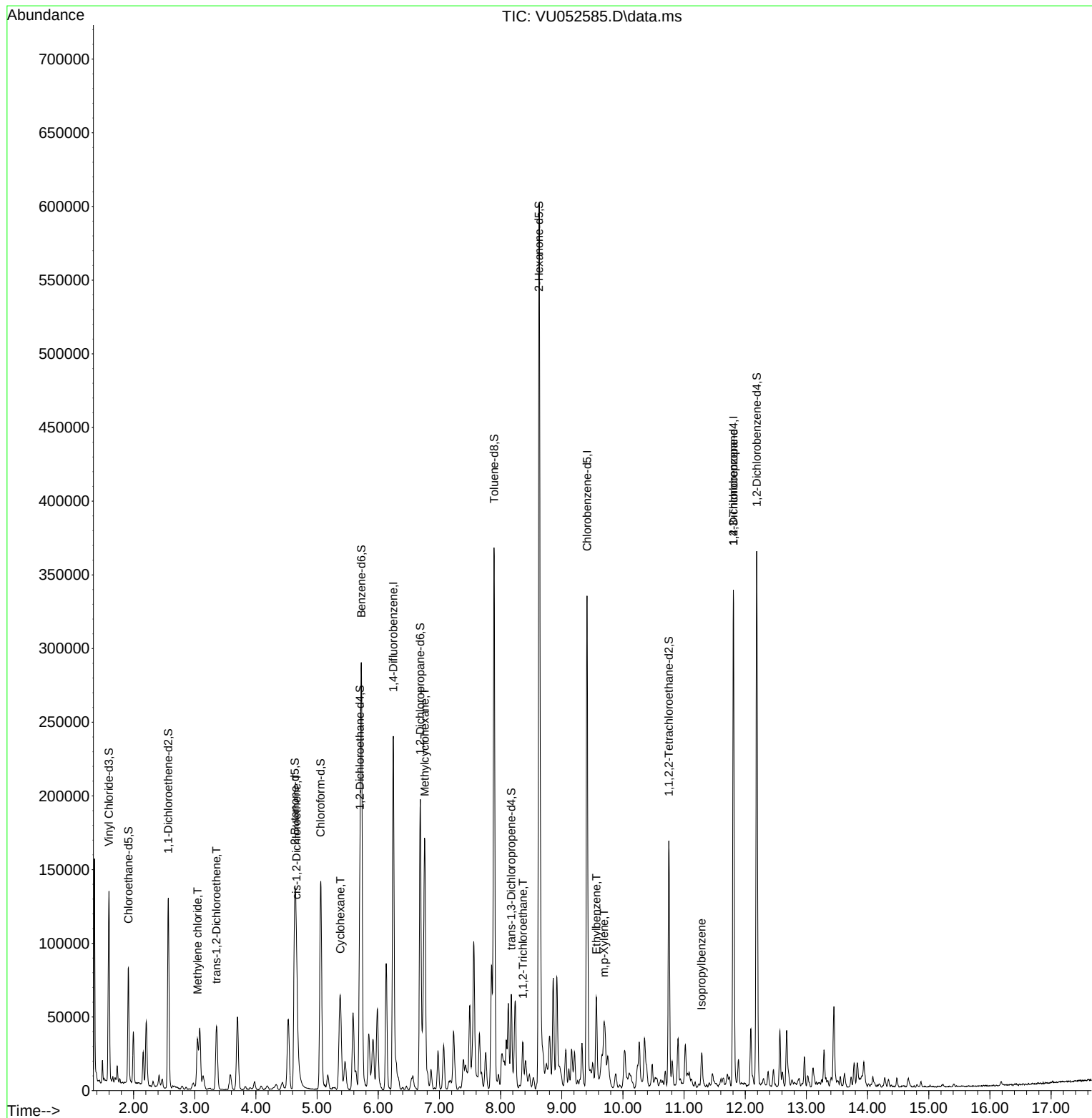
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	187137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	173374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53555	2.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.916	69	56568	3.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.568	65	25416	3.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.639	46	287455	48.893	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.780%
24) Chloroform-d	5.060	84	132593	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.700	65	79437	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.722	84	264343	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	96205	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.893	98	223136	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.176	79	32278	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.629	63	203915	53.195	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	81911	4.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	83930	4.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	12889	0.651	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	7183	0.497	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	10718	0.676	ug/L	95
30) Cyclohexane	5.382	56	28971	1.229	ug/L #	85
35) Methylcyclohexane	6.761	83	64189	2.916	ug/L	92
45) 1,1,2-Trichloroethane	8.365	97	9796	0.794	ug/L #	18
52) Ethylbenzene	9.568	91	34229	0.552	ug/L	97
53) m,p-Xylene	9.693	106	7398	0.324	ug/L	100
60) Isopropylbenzene	11.285	105	11660	0.214	ug/L	95
61) 1,2,3-Trichloropropane	11.806	75	11844	0.984	ug/L #	69

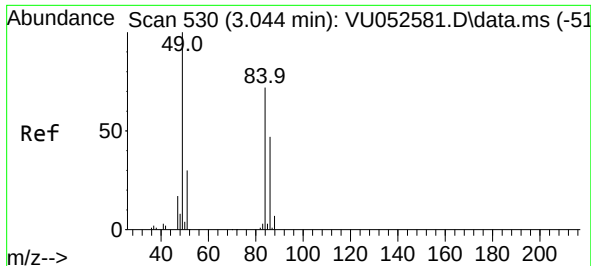
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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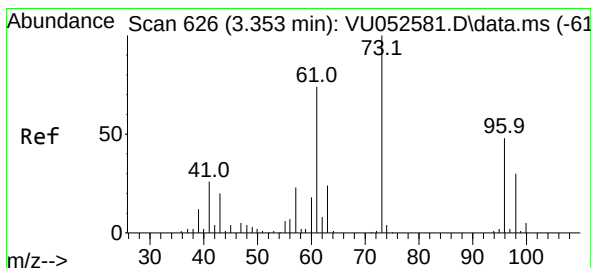
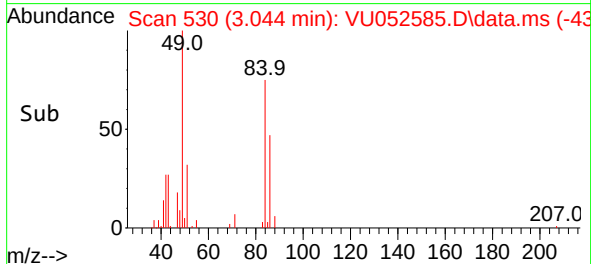
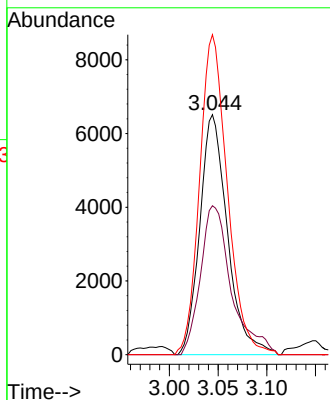
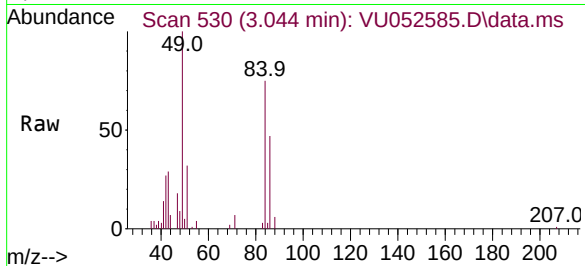




#16
Methylene chloride
Concen: 0.651 ug/L
RT: 3.044 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

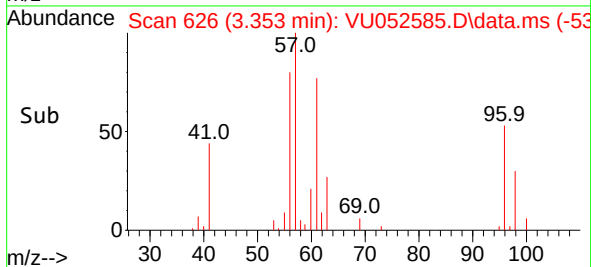
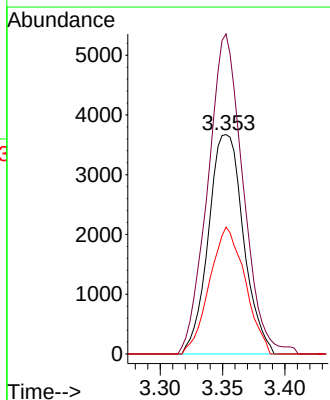
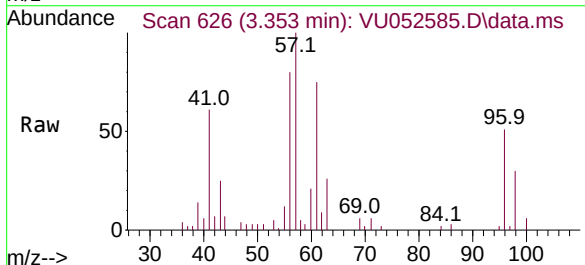
Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

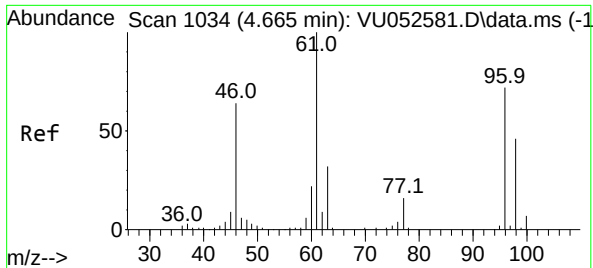
Tgt Ion: 84 Resp: 12889
Ion Ratio Lower Upper
84 100
86 62.1 44.7 83.1
49 133.3 93.3 173.3



#18
trans-1,2-Dichloroethene
Concen: 0.497 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 96 Resp: 7183
Ion Ratio Lower Upper
96 100
61 145.9 108.3 201.1
98 57.8 44.0 81.6





#22

cis-1,2-Dichloroethene

Concen: 0.676 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052585.D

Acq: 28 Dec 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

GBQA3DL

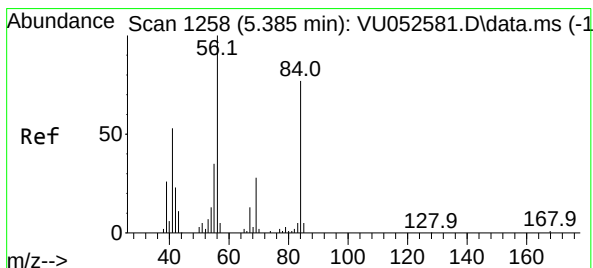
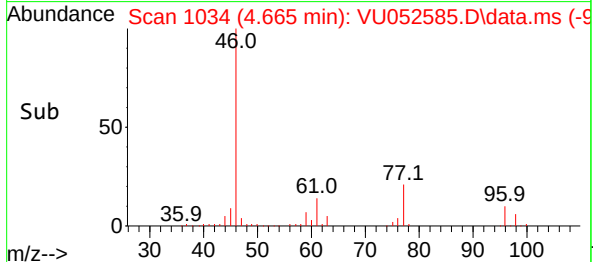
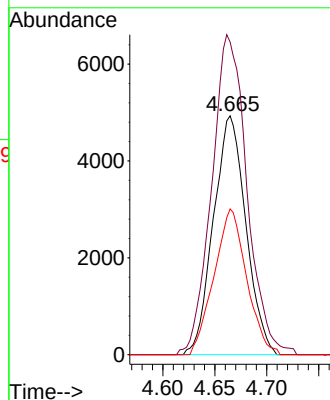
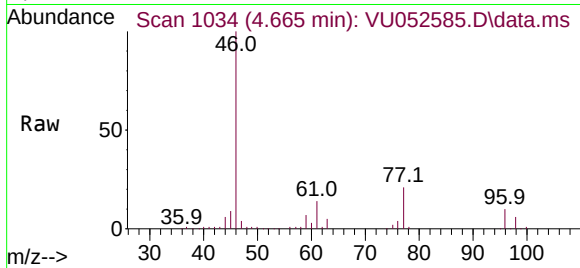
Tgt Ion: 96 Resp: 10718

Ion Ratio Lower Upper

96 100

61 130.9 96.9 180.1

98 61.0 44.7 83.1



#30

Cyclohexane

Concen: 1.229 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. -0.003 min

Lab File: VU052585.D

Acq: 28 Dec 2022 13:56

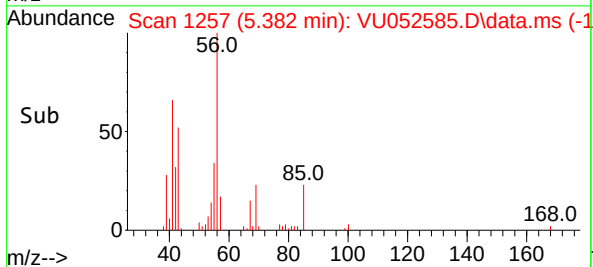
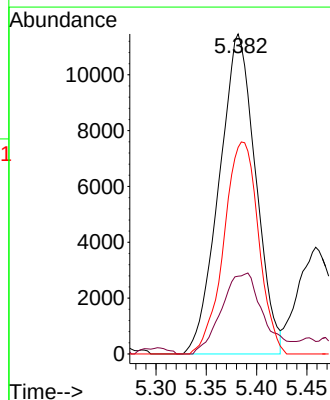
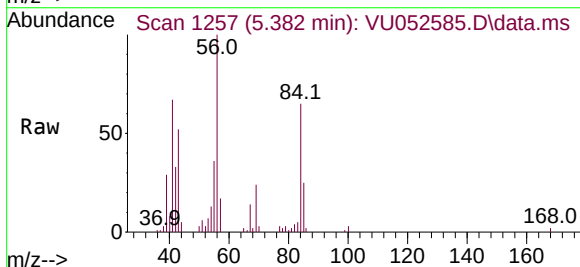
Tgt Ion: 56 Resp: 28971

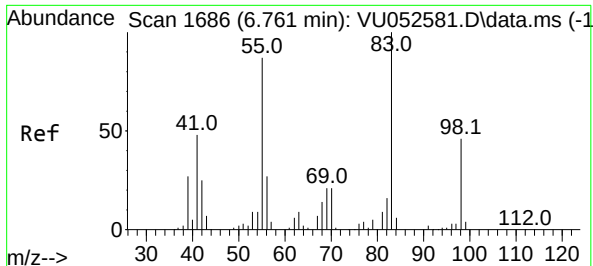
Ion Ratio Lower Upper

56 100

69 28.7 23.0 34.6

84 62.9 64.4 96.6#

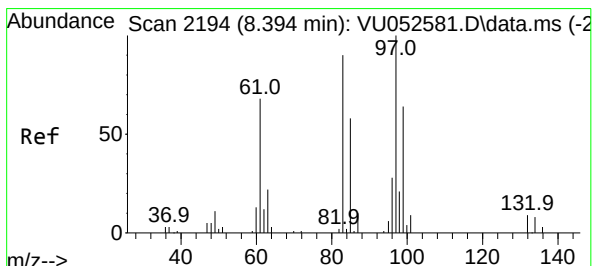
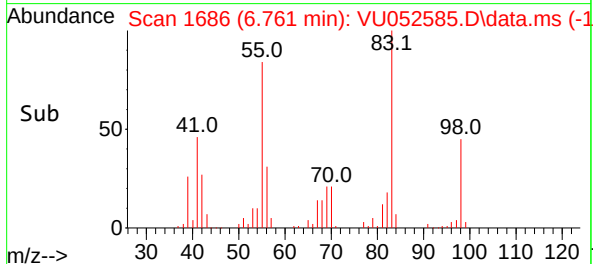
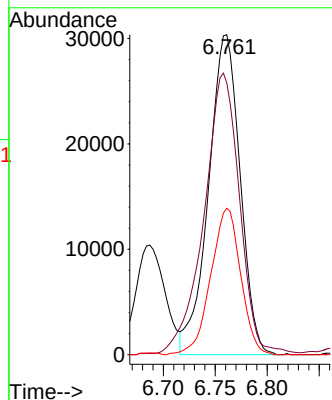
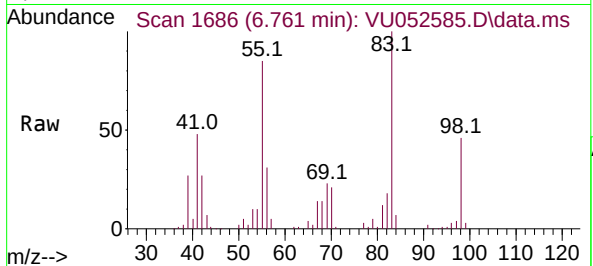




#35
Methylcyclohexane
Concen: 2.916 ug/L
RT: 6.761 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

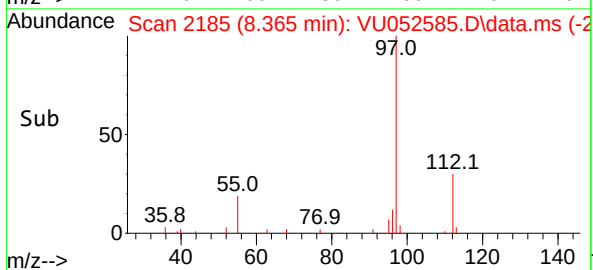
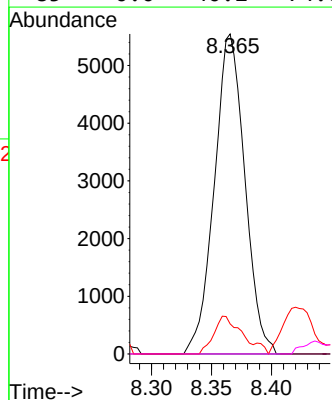
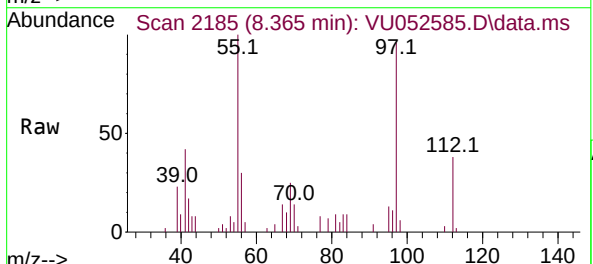
Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

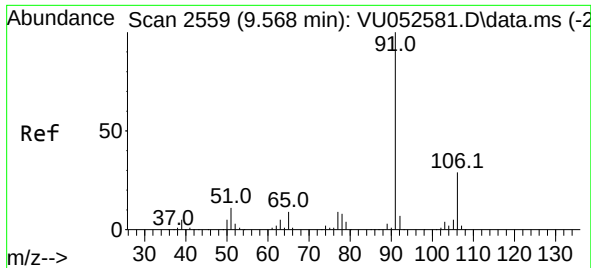
Tgt Ion: 83 Resp: 64189
Ion Ratio Lower Upper
83 100
55 98.5 71.4 107.0
98 43.3 36.5 54.7



#45
1,1,2-Trichloroethane
Concen: 0.794 ug/L
RT: 8.365 min Scan# 2185
Delta R.T. -0.029 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 97 Resp: 9796
Ion Ratio Lower Upper
97 100
99 0.0 42.0 78.0#
83 9.4 63.2 117.4#
85 0.0 40.2 74.6#

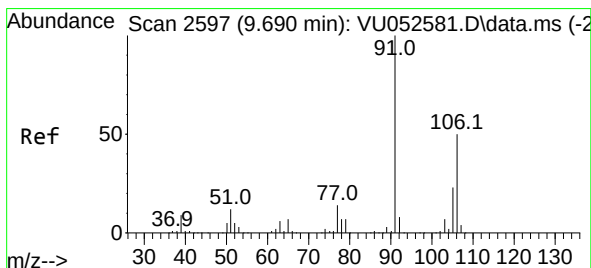
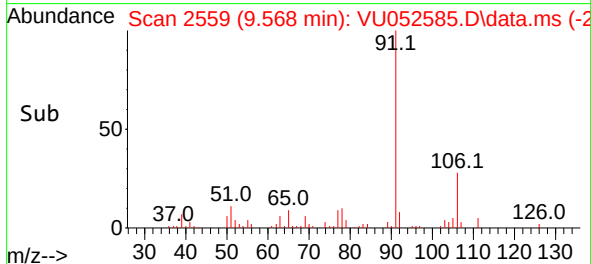
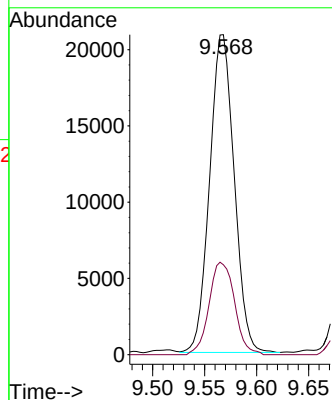
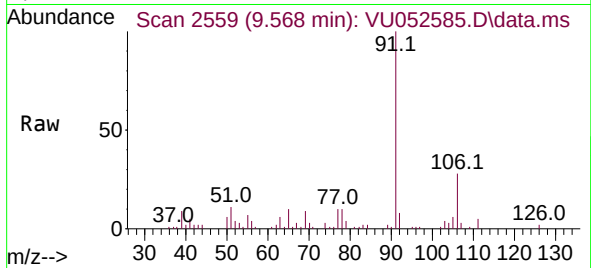




#52
Ethylbenzene
Concen: 0.552 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

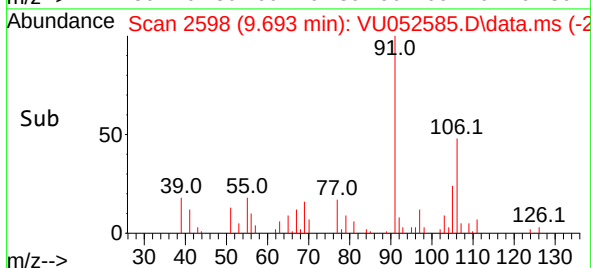
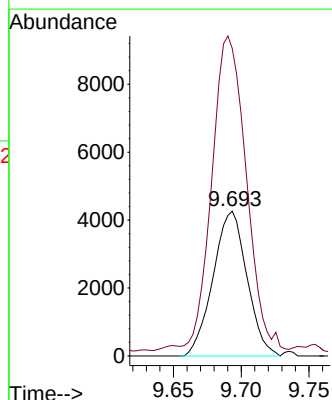
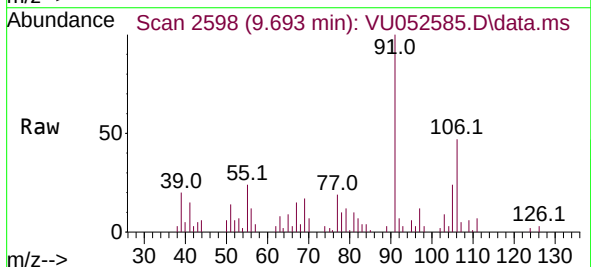
Instrument :
MSVOA_U
ClientSampleId :
GBQA3DL

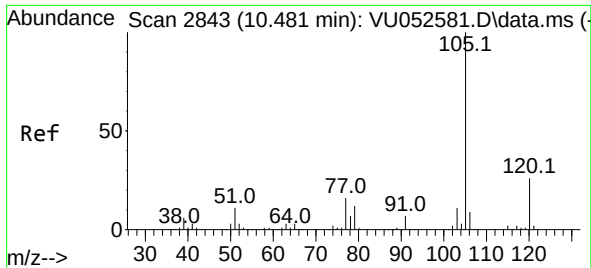
Tgt Ion: 91 Resp: 34229
Ion Ratio Lower Upper
91 100
106 28.1 20.9 38.7



#53
m,p-Xylene
Concen: 0.324 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 106 Resp: 7398
Ion Ratio Lower Upper
106 100
91 212.3 148.2 275.2

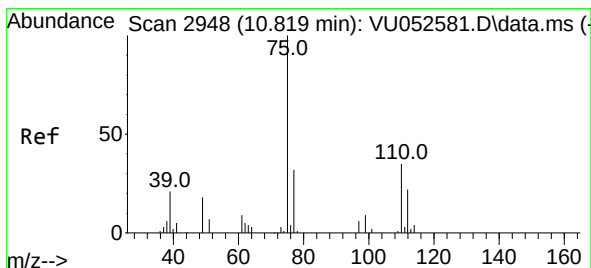
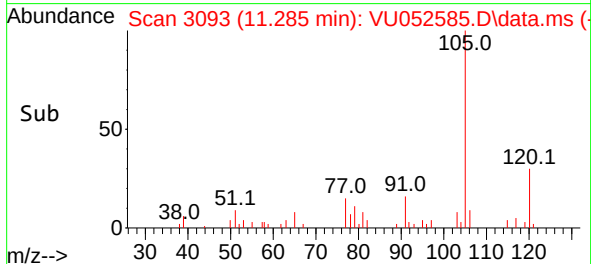
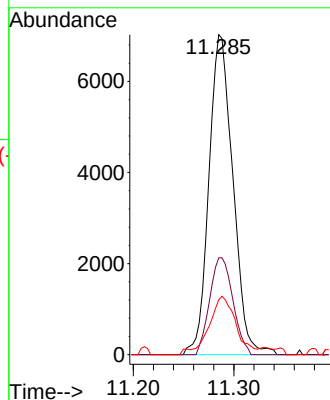
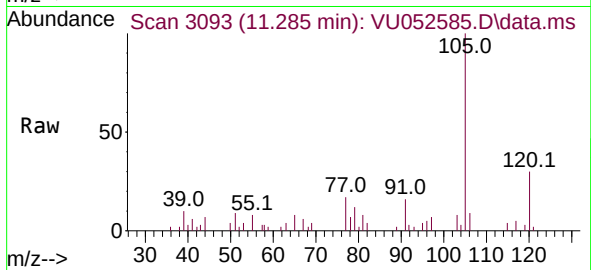




#60
Isopropylbenzene
Concen: 0.214 ug/L
RT: 11.285 min Scan# 3093
Delta R.T. 0.804 min
Lab File: VU052585.D
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MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 11660
Ion Ratio Lower Upper
105 100
120 29.2 20.6 31.0
77 16.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 0.984 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052585.D
Acq: 28 Dec 2022 13:56

Tgt Ion: 75 Resp: 11844
Ion Ratio Lower Upper
75 100
110 3.2 27.9 41.9#
77 35.4 25.9 38.9

