

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052573.D
 Acq On : 27 Dec 2022 18:35
 Operator : JC/MD
 Sample : N6170-10DL 25X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB7DL

Quant Time: Dec 28 01:24:11 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)

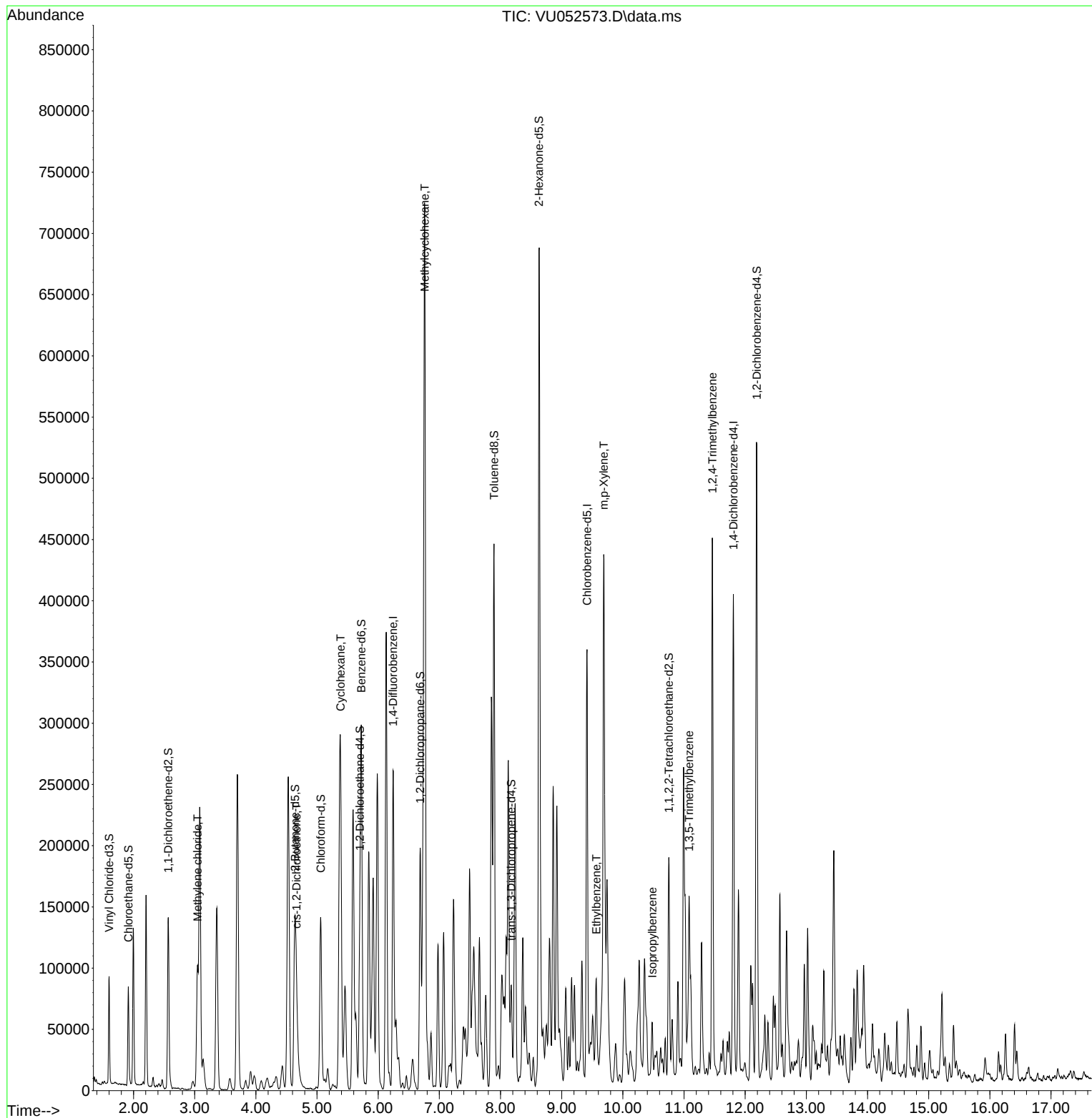
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	201569	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	186245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	96200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	56349	2.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.200%
7) Chloroethane-d5	1.916	69	58735	3.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	2.568	65	27462	3.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.642	46	301715	47.644	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.280%
24) Chloroform-d	5.060	84	133219	3.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.700	65	77742	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
32) Benzene-d6	5.726	84	268115	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.687	67	96177	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.893	98	235690	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.176	79	34679	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.629	63	224151	54.433	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	83959	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	91386	4.666	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	29945	1.404	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	5388	0.316	ug/L	87
30) Cyclohexane	5.385	56	137691	5.436	ug/L	88
35) Methylcyclohexane	6.761	83	288736	12.209	ug/L	95
52) Ethylbenzene	9.565	91	31790	0.478	ug/L	98
53) m,p-Xylene	9.687	106	105927	4.316	ug/L	96
60) Isopropylbenzene	10.481	105	24765	0.397	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	71170	1.384	ug/L	98
63) 1,2,4-Trimethylbenzene	11.462	105	231739	4.477	ug/L	100

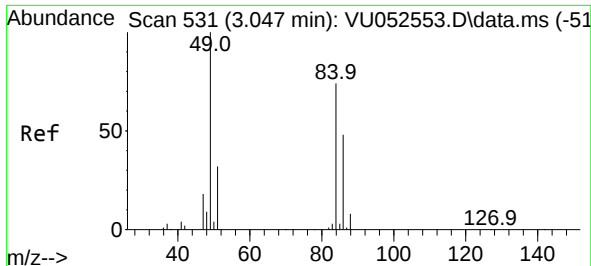
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

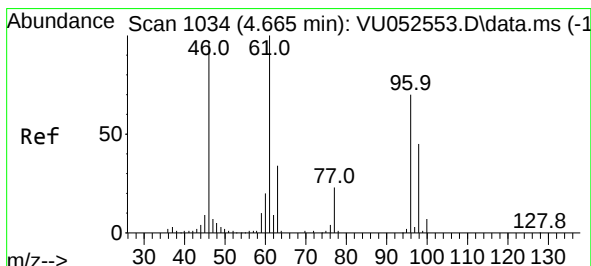
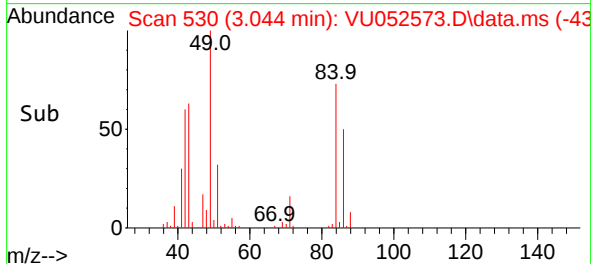
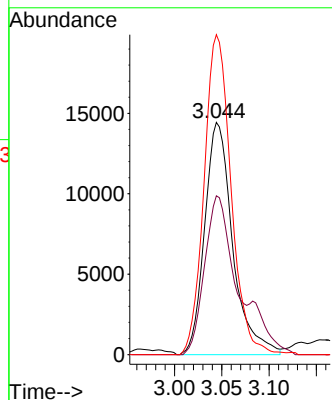
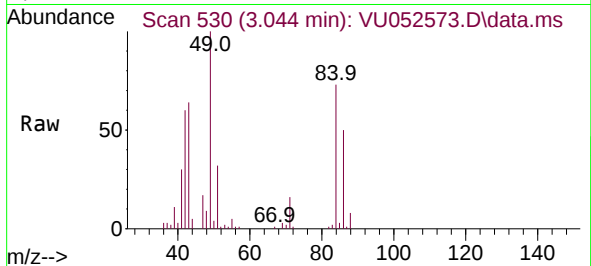




#16
Methylene chloride
Concen: 1.404 ug/L
RT: 3.044 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

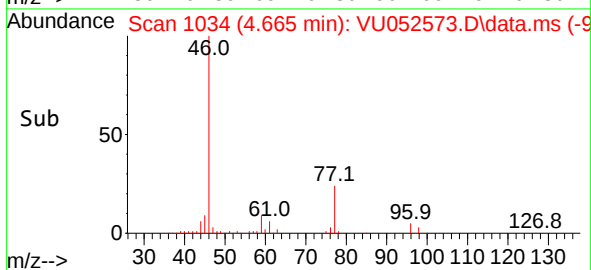
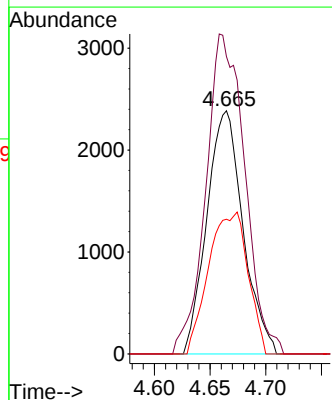
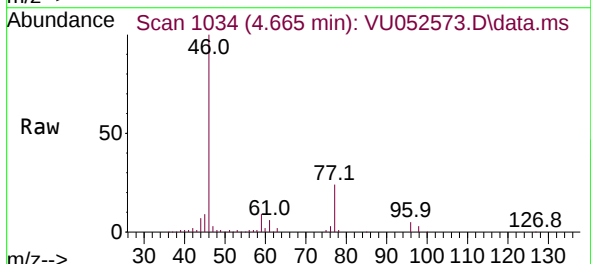
Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

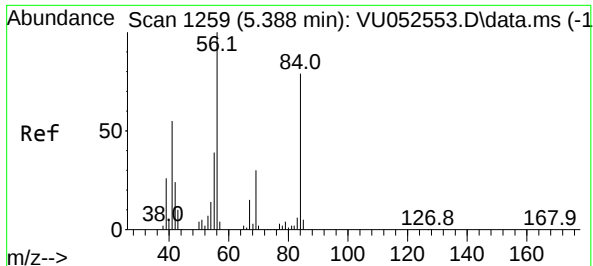
Tgt Ion: 84 Resp: 29945
Ion Ratio Lower Upper
84 100
86 68.4 44.7 83.1
49 137.8 93.3 173.3



#22
cis-1,2-Dichloroethene
Concen: 0.316 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 96 Resp: 5388
Ion Ratio Lower Upper
96 100
61 122.3 96.9 180.1
98 55.4 44.7 83.1

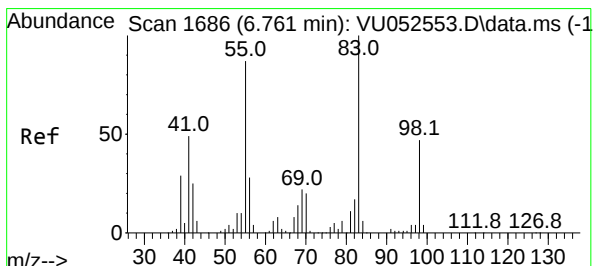
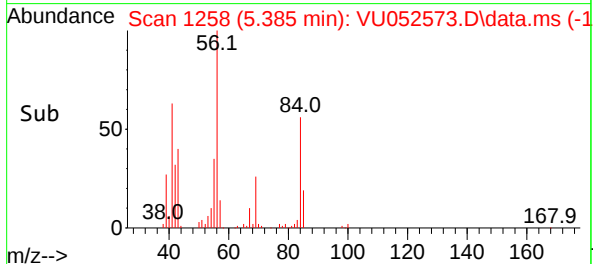
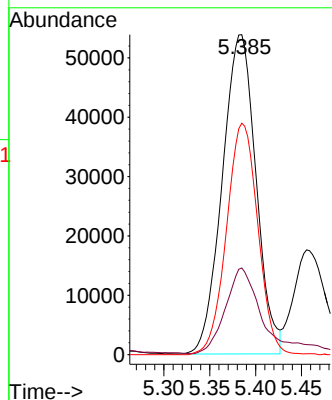
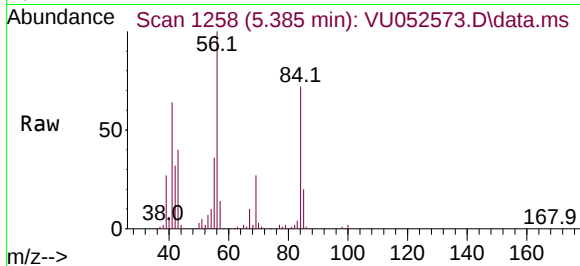




#30
Cyclohexane
Concen: 5.436 ug/L
RT: 5.385 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

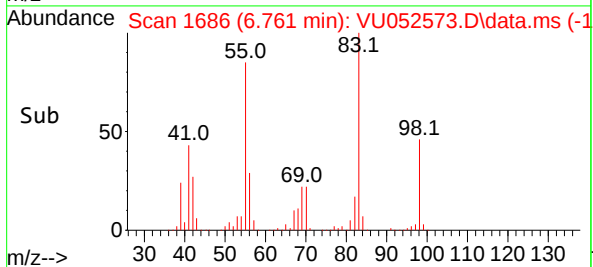
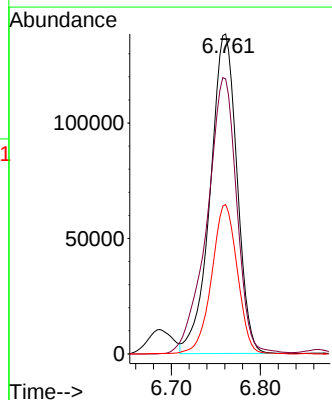
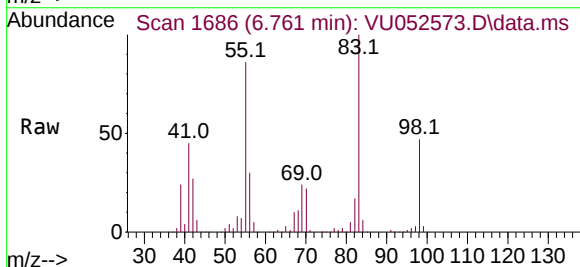
Instrument :
MSVOA_U
ClientSampleId :
GBQB7DL

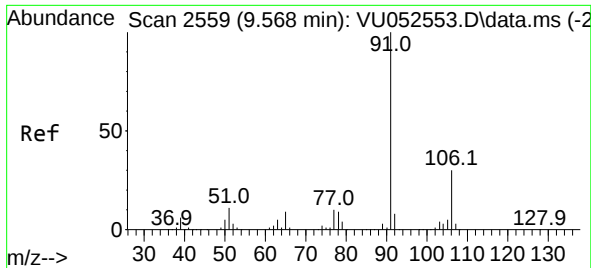
Tgt Ion: 56 Resp: 137691
Ion Ratio Lower Upper
56 100
69 31.4 23.0 34.6
84 67.3 64.4 96.6



#35
Methylcyclohexane
Concen: 12.209 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 83 Resp: 288736
Ion Ratio Lower Upper
83 100
55 96.3 71.4 107.0
98 45.0 36.5 54.7

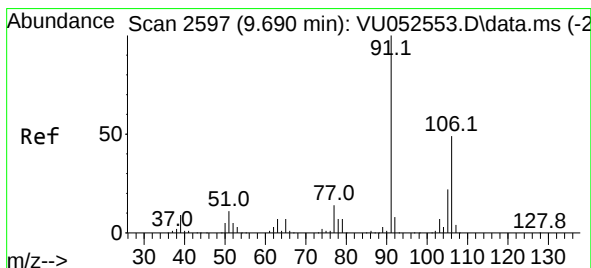
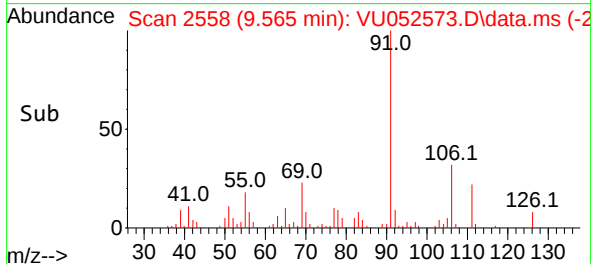
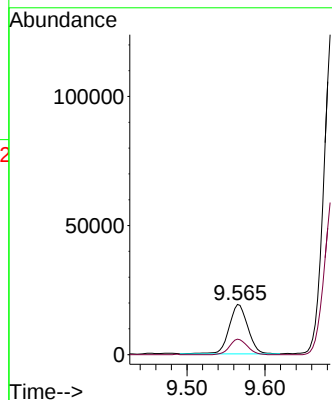
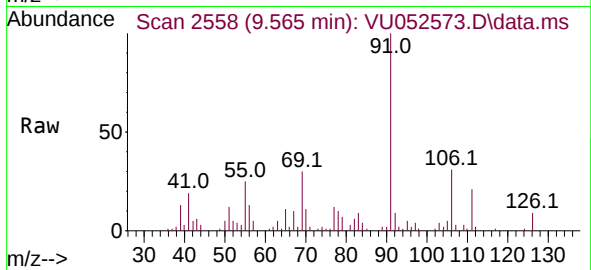




#52
Ethylbenzene
Concen: 0.478 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

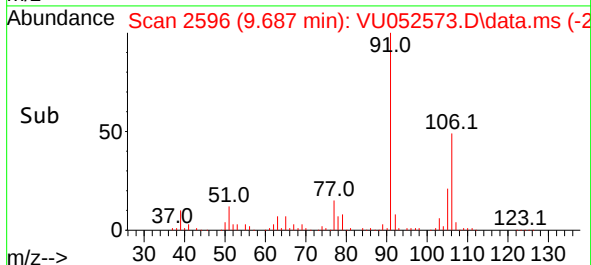
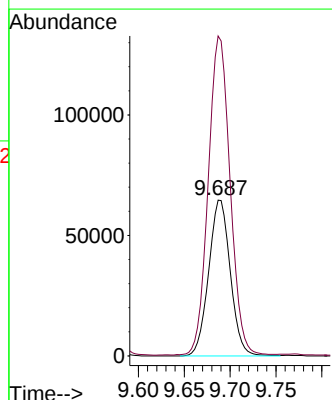
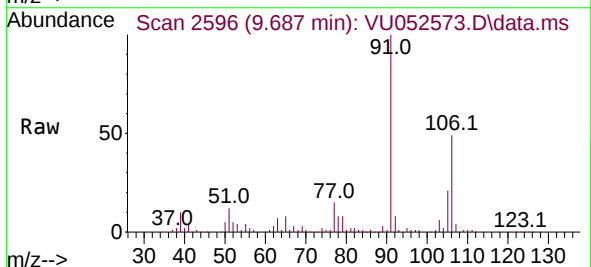
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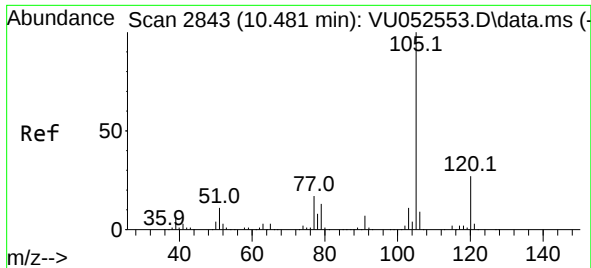
Tgt Ion: 91 Resp: 31790
Ion Ratio Lower Upper
91 100
106 30.8 20.9 38.7



#53
m,p-Xylene
Concen: 4.316 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion: 106 Resp: 105927
Ion Ratio Lower Upper
106 100
91 205.4 148.2 275.2

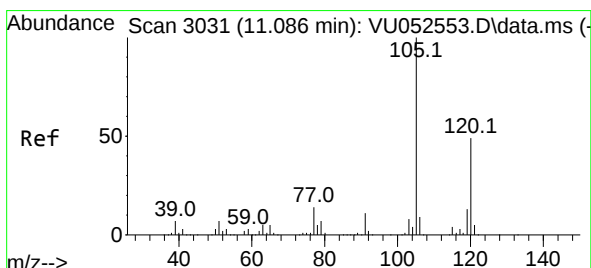
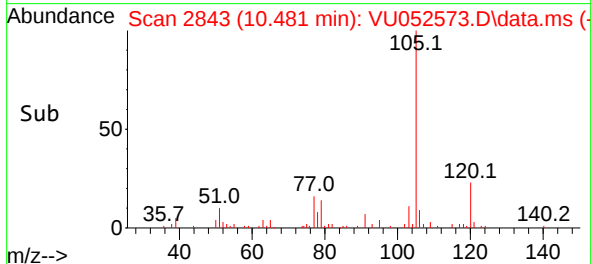
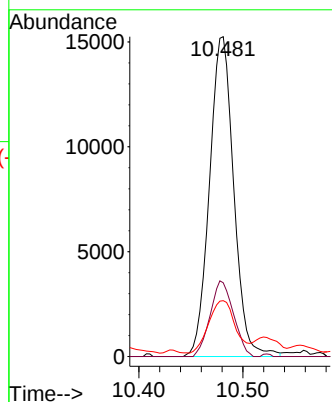
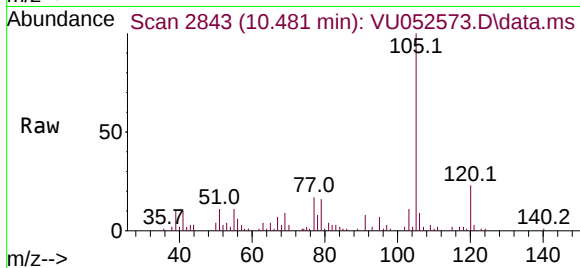




#60
Isopropylbenzene
Concen: 0.397 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

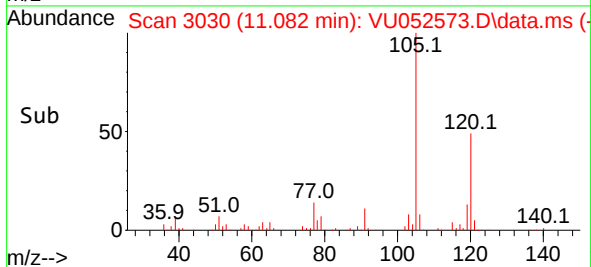
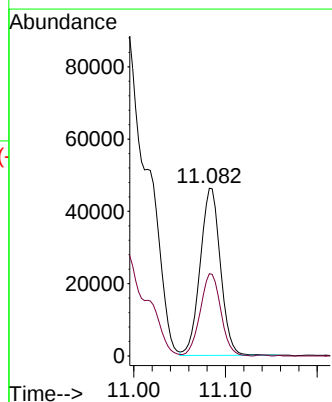
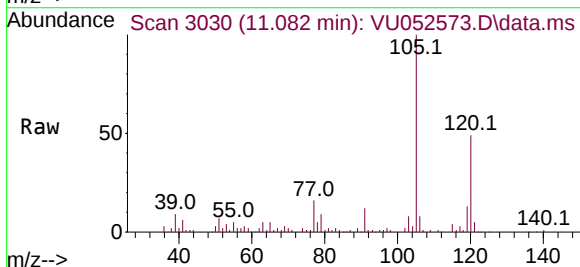
Instrument :
MSVOA_U
ClientSampleId :
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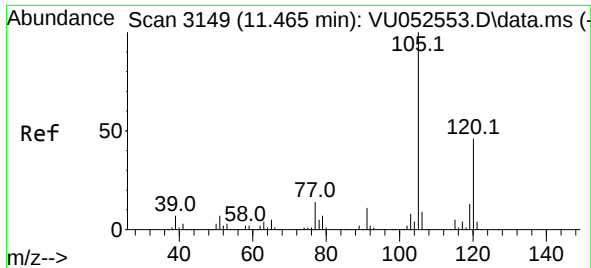
Tgt Ion:	105	Resp:	24765
Ion Ratio	Lower	Upper	
105	100		
120	22.7	20.6	31.0
77	17.8	13.8	20.8



#62
1,3,5-Trimethylbenzene
Concen: 1.384 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU052573.D
Acq: 27 Dec 2022 18:35

Tgt Ion:	105	Resp:	71170
Ion Ratio	Lower	Upper	
105	100		
120	49.8	38.6	57.8





#63

1,2,4-Trimethylbenzene

Concen: 4.477 ug/L

RT: 11.462 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052573.D

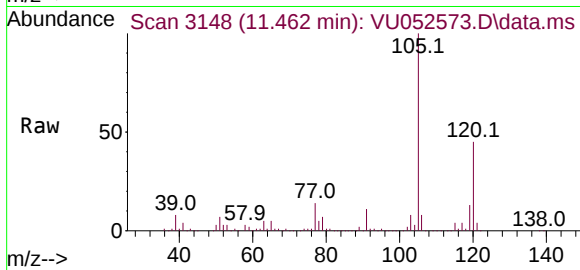
Acq: 27 Dec 2022 18:35

Instrument :

MSVOA_U

ClientSampleId :

GBQB7DL



Tgt Ion:105 Resp: 231739

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4

