

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049386.D
 Acq On : 24 Jun 2022 14:48
 Operator : SY/MD
 Sample : N3400-14DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE7DL

Quant Time: Jun 25 00:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 00:13:49 2022
 Response via : Initial Calibration

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

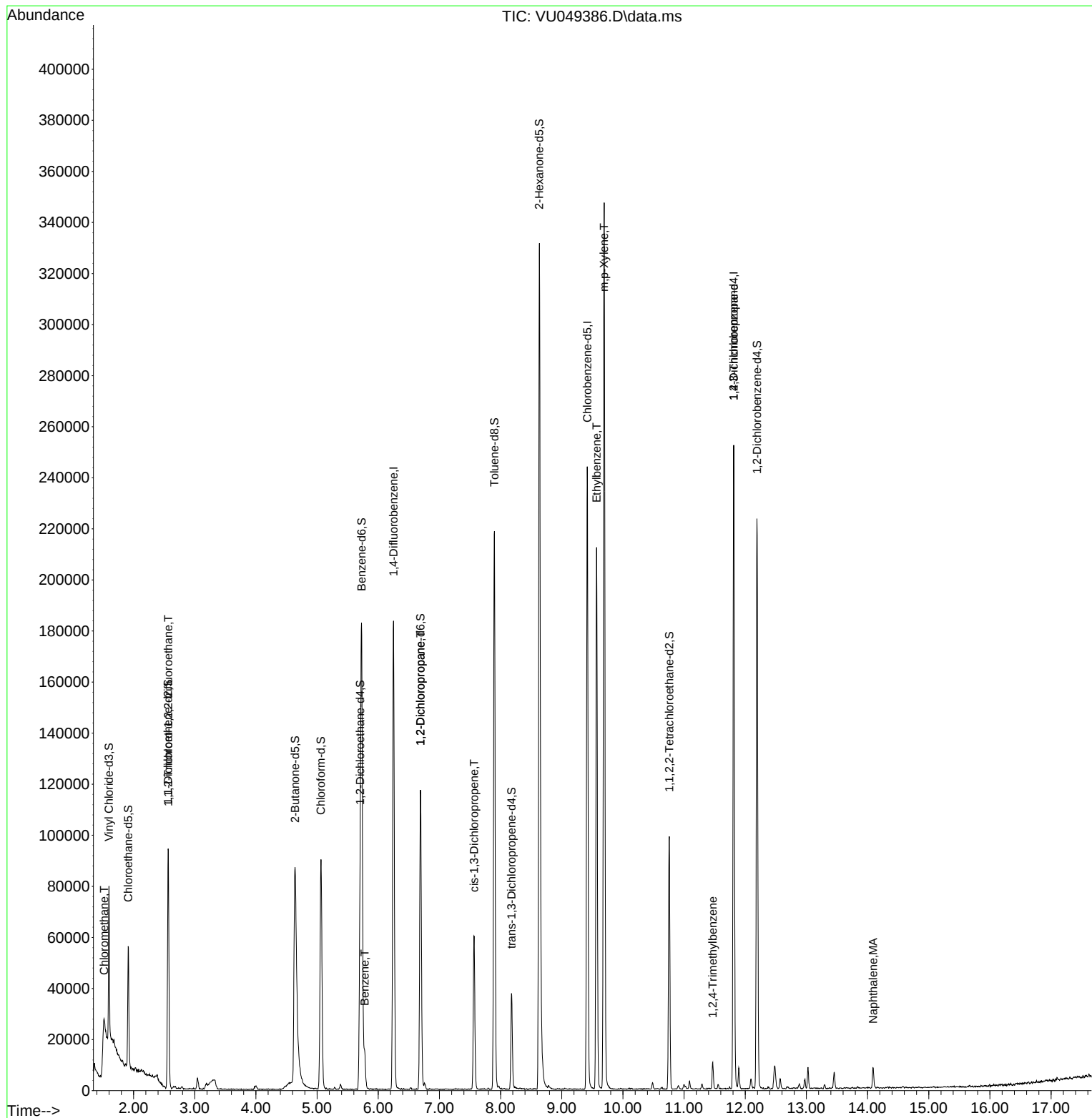
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	144078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	132143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63901	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42831	3.402	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.912	69	32365	3.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.565	65	17685	3.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	4.639	46	169246	50.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.700%
24) Chloroform-d	5.063	84	82911	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.703	65	47996	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.729	84	165288	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.690	67	57381	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.899	98	144766	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.179	79	20907	3.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.632	63	118675	49.012	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49394	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	55841	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2535	0.188	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	473	0.057	ug/L #	21
33) Benzene	5.777	78	14198	0.361	ug/L	100
37) 1,2-Dichloropropane	6.690	63	5938	0.550	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1702	0.104	ug/L #	69
52) Ethylbenzene	9.571	91	149194	3.276	ug/L	97
53) m,p-Xylene	9.693	106	95543	5.646	ug/L	96
61) 1,2,3-Trichloropropane	11.812	75	8597	1.199	ug/L #	66
63) 1,2,4-Trimethylbenzene	11.468	105	6199	0.163	ug/L	97
71) Naphthalene	14.092	128	7197	0.326	ug/L	98

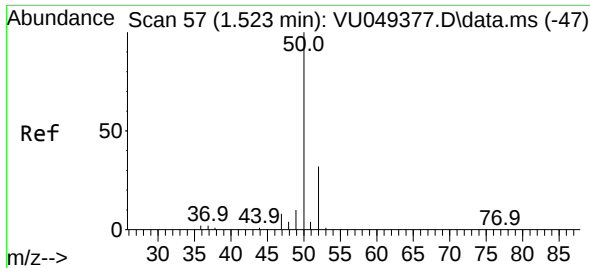
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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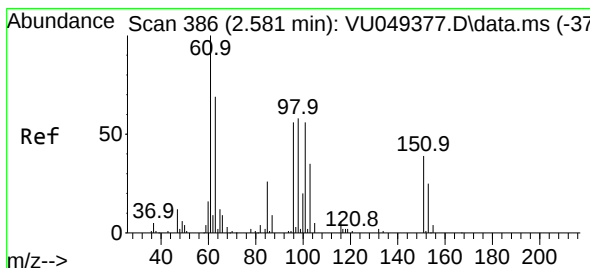
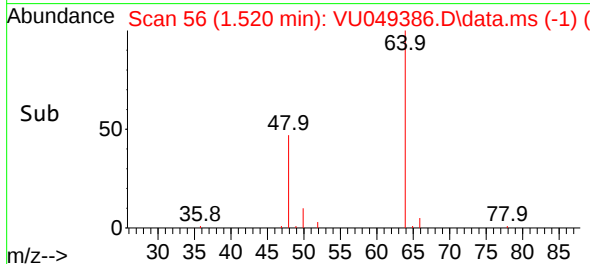
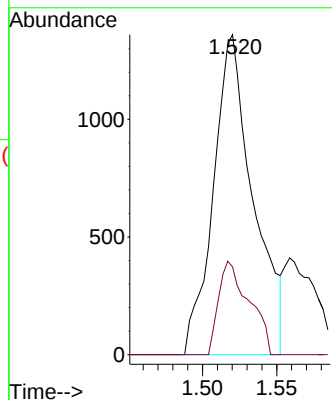
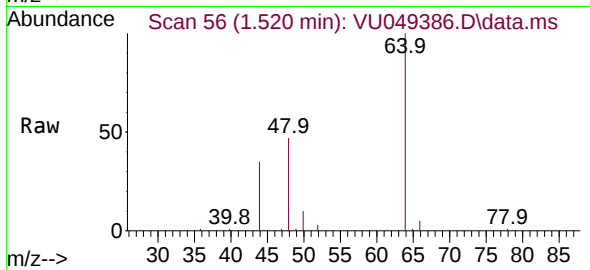




#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

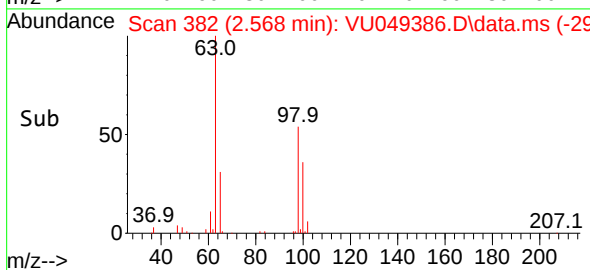
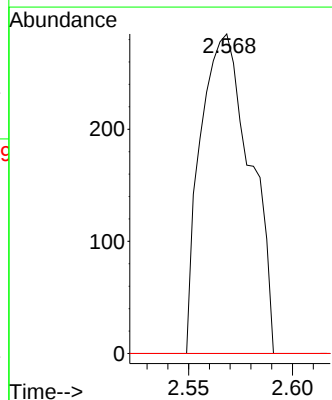
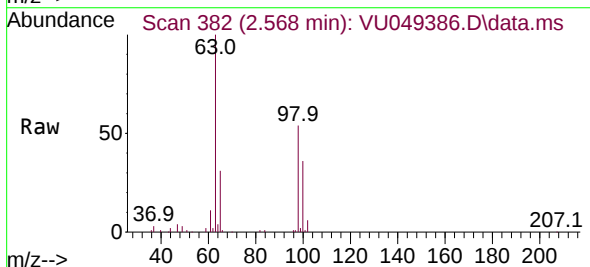
Instrument :
MSVOA_U
ClientSampleId :
C0AE7DL

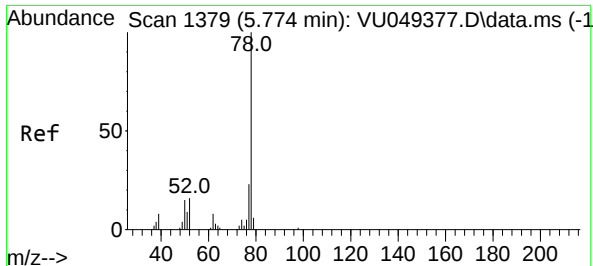
Tgt Ion: 50 Resp: 2535
Ion Ratio Lower Upper
50 100
52 27.4 22.7 42.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

Tgt Ion: 101 Resp: 473
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

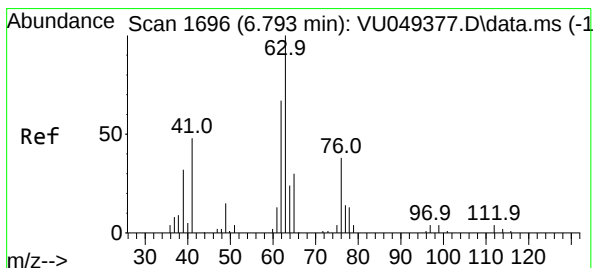
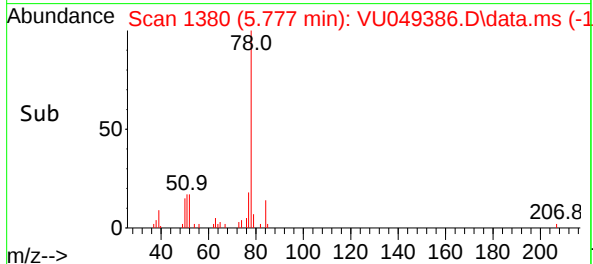
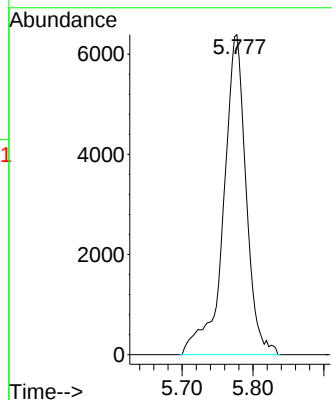
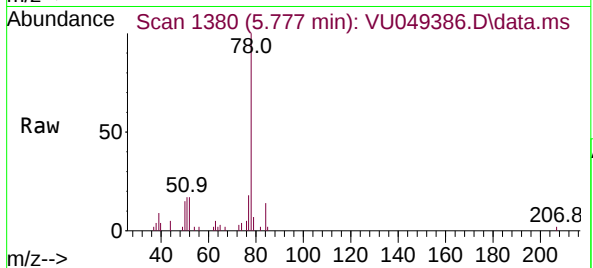




#33
Benzene
Concen: 0.361 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

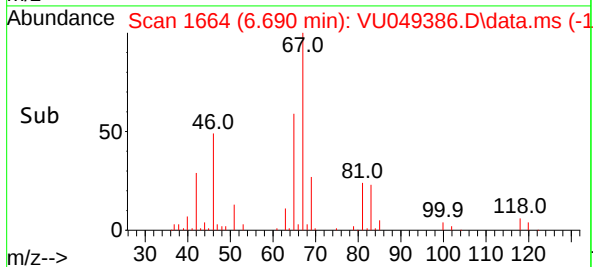
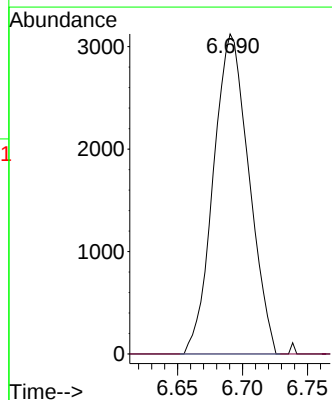
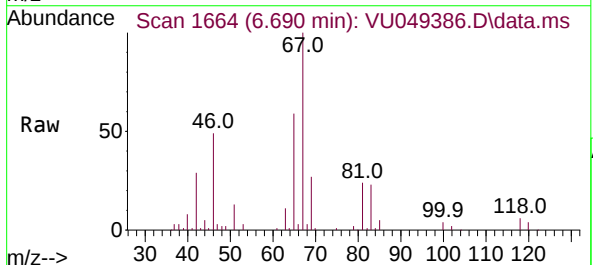
Instrument :
MSVOA_U
ClientSampleId :
C0AE7DL

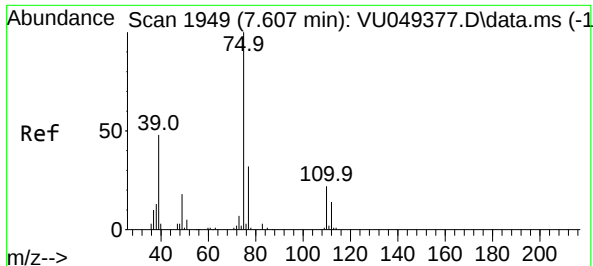
Tgt Ion: 78 Resp: 14198



#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

Tgt Ion: 63 Resp: 5938
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049386.D

Acq: 24 Jun 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

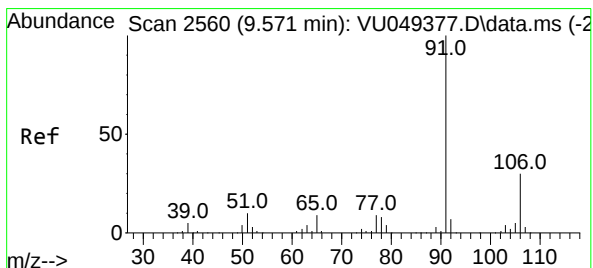
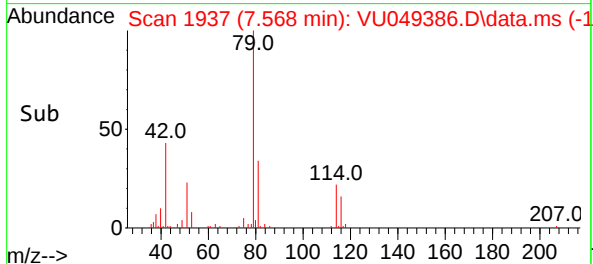
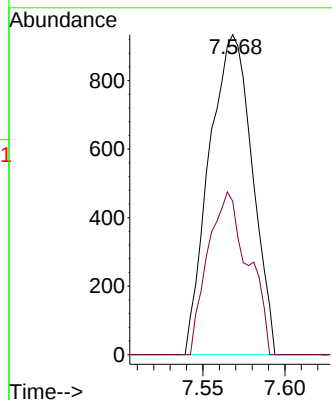
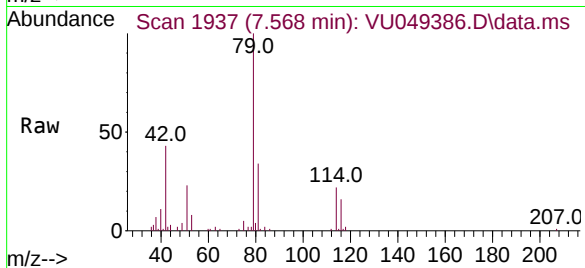
C0AE7DL

Tgt Ion: 75 Resp: 1702

Ion Ratio Lower Upper

75 100

77 48.0 21.8 40.4#



#52

Ethylbenzene

Concen: 3.276 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU049386.D

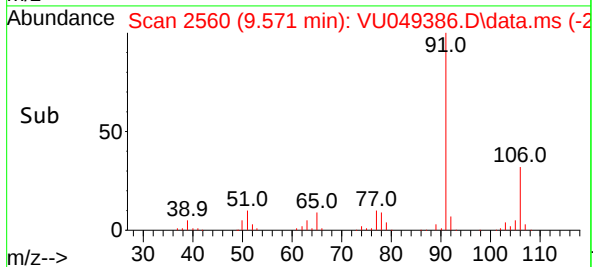
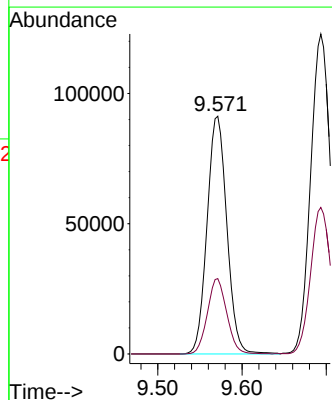
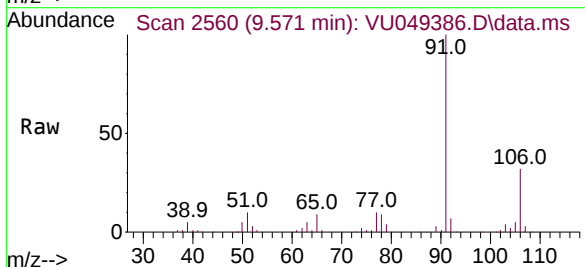
Acq: 24 Jun 2022 14:48

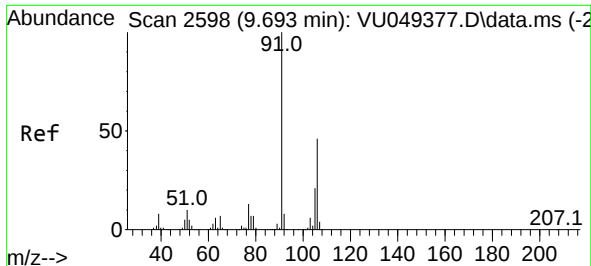
Tgt Ion: 91 Resp: 149194

Ion Ratio Lower Upper

91 100

106 31.7 21.2 39.4

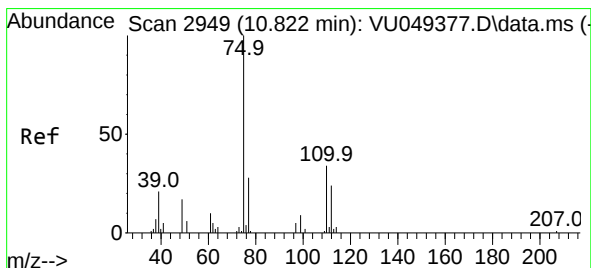
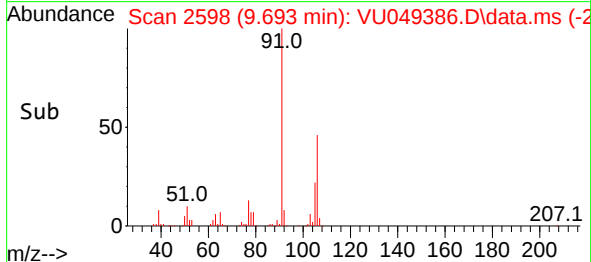
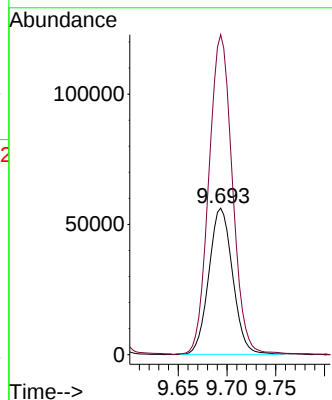
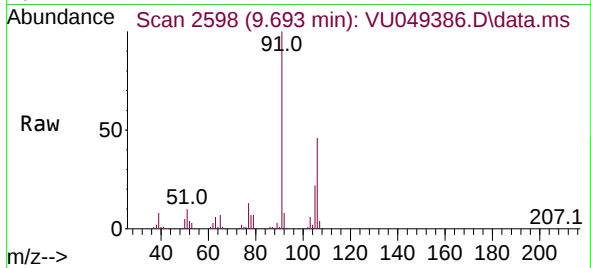




#53
m,p-Xylene
Concen: 5.646 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

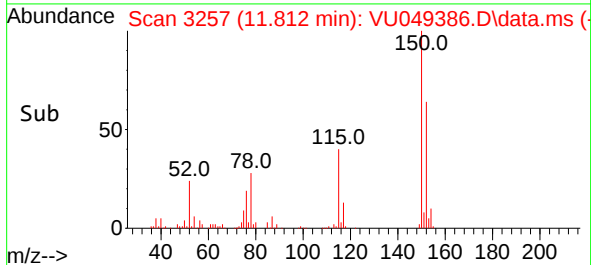
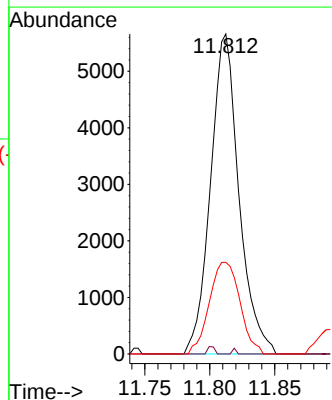
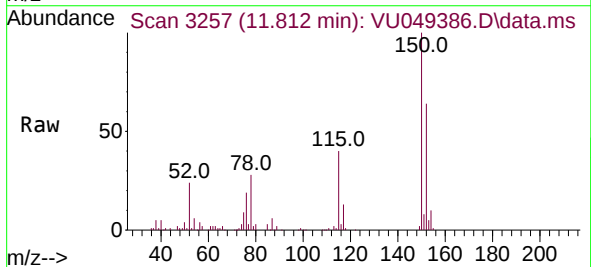
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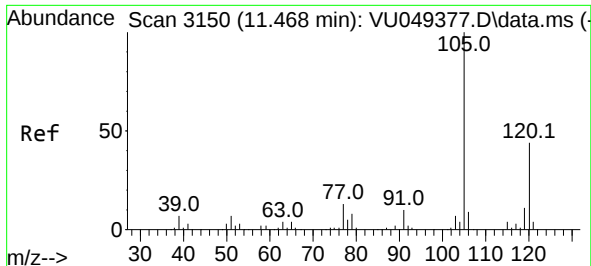
Tgt Ion:106 Resp: 95543
Ion Ratio Lower Upper
106 100
91 218.3 148.5 275.7



#61
1,2,3-Trichloropropane
Concen: 1.199 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

Tgt Ion: 75 Resp: 8597
Ion Ratio Lower Upper
75 100
110 0.2 29.0 43.4#
77 30.8 26.2 39.2

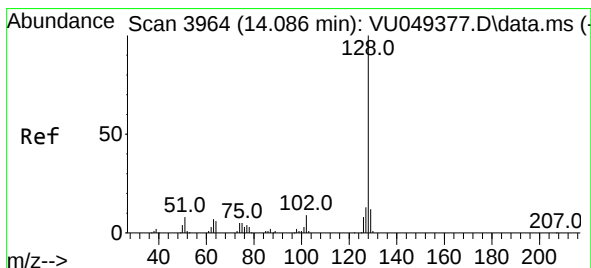
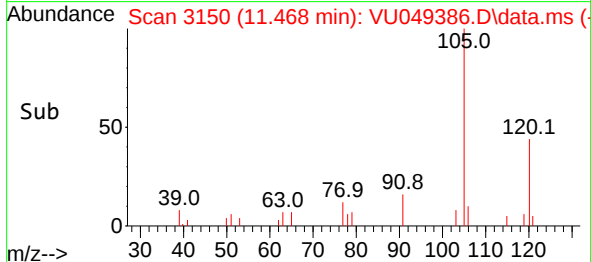
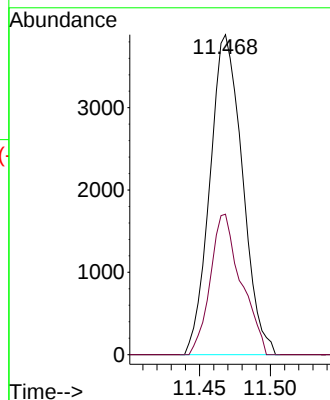
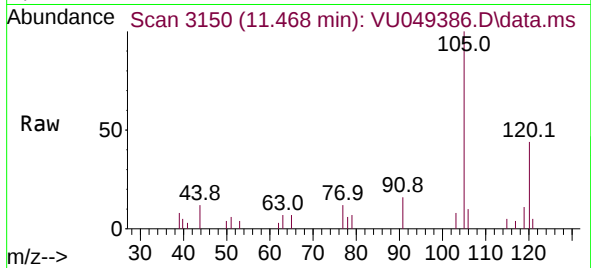




#63
1,2,4-Trimethylbenzene
Concen: 0.163 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
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Tgt Ion:105 Resp: 6199
Ion Ratio Lower Upper
105 100
120 41.7 34.6 52.0



#71
Naphthalene
Concen: 0.326 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049386.D
Acq: 24 Jun 2022 14:48

Tgt Ion:128 Resp: 7197
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 11.9 10.2 15.4

