

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049336.D
 Acq On : 21 Jun 2022 19:05
 Operator : SY/MD
 Sample : N3400-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD9

Quant Time: Jun 22 01:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

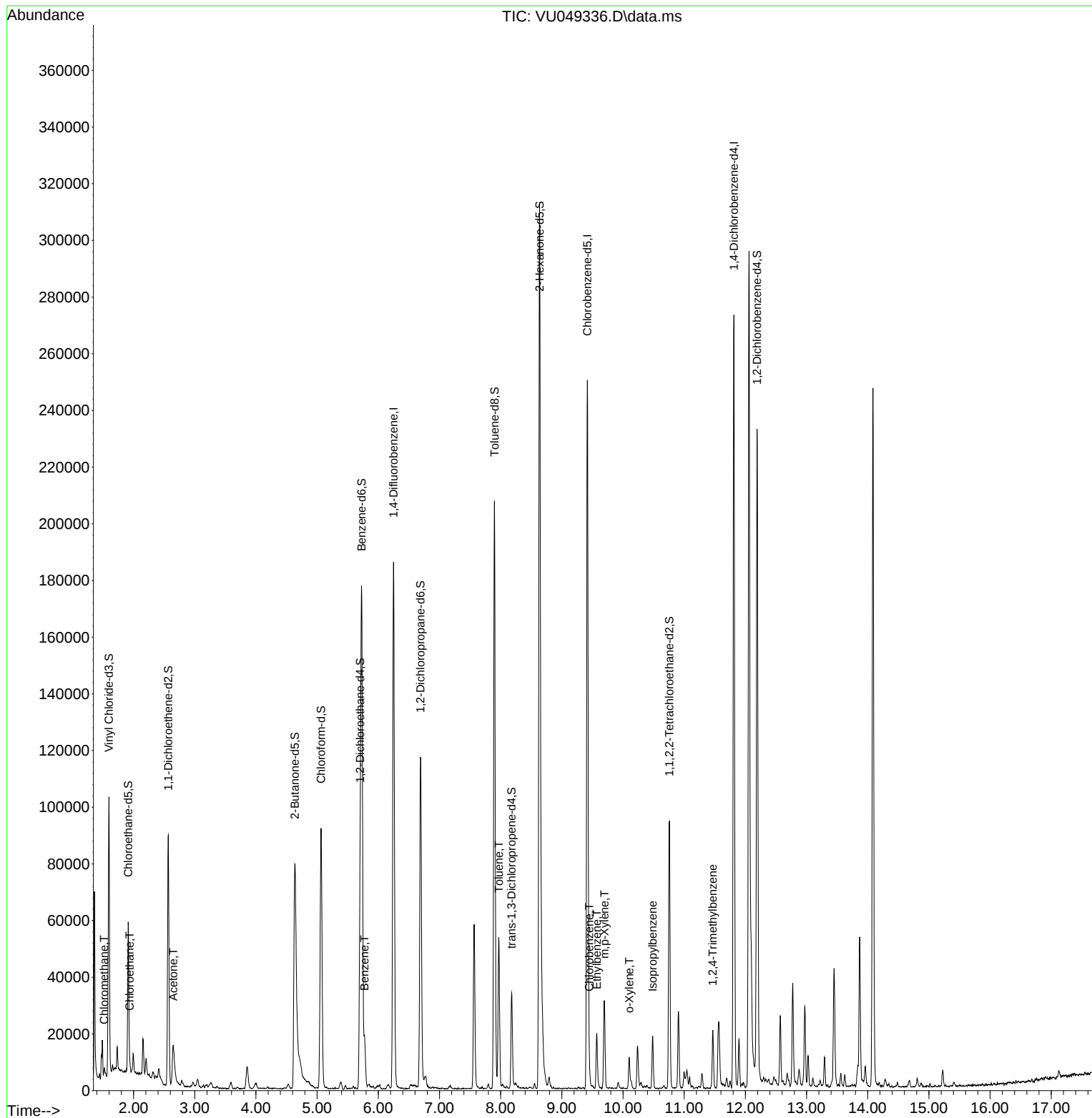
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	148458	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	137237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42854	3.304	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.000%
7) Chloroethane-d5	1.912	69	33596	3.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.568	65	16800	3.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.636	46	159315	45.997	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.000%
24) Chloroform-d	5.063	84	84606	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.703	65	47541	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.729	84	160463	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.690	67	58140	4.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.899	98	135444	3.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.179	79	20145	3.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.636	63	112827	44.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	49460	4.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	57611	4.397	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2641	0.190	ug/L	88
8) Chloroethane	1.935	64	3488	0.483	ug/L	88
13) Acetone	2.649	43	27550	16.071	ug/L	96
33) Benzene	5.774	78	14861	0.364	ug/L	100
42) Toluene	7.970	91	37373	0.863	ug/L	98
51) Chlorobenzene	9.446	112	1860	0.071	ug/L	97
52) Ethylbenzene	9.571	91	14009	0.296	ug/L	99
53) m,p-Xylene	9.697	106	9243	0.526	ug/L	84
54) o-Xylene	10.102	106	2486	0.143	ug/L	76
60) Isopropylbenzene	10.484	105	12539	0.270	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	10641	0.262	ug/L	97

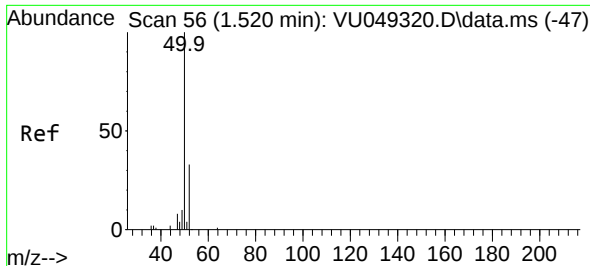
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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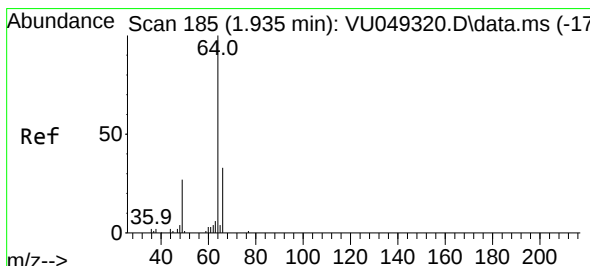
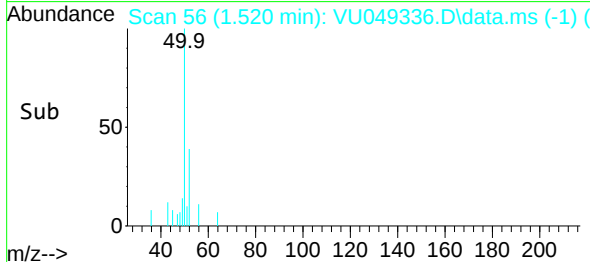
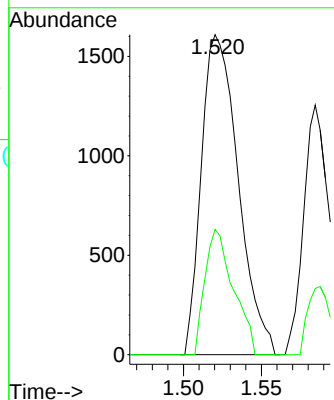
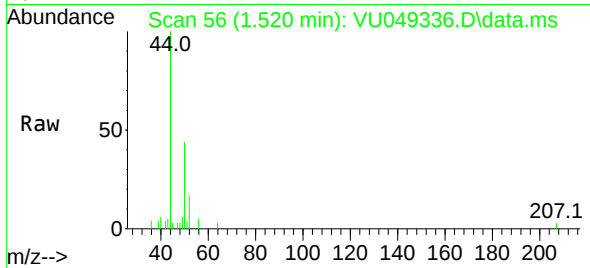




#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

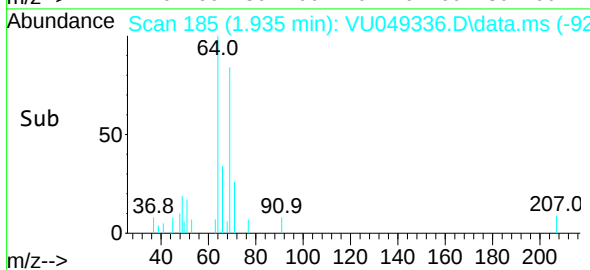
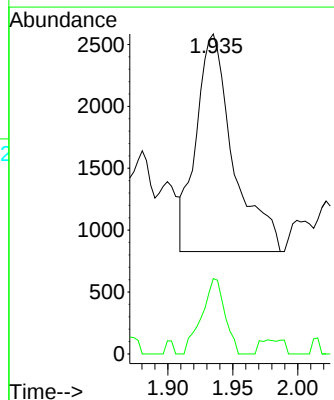
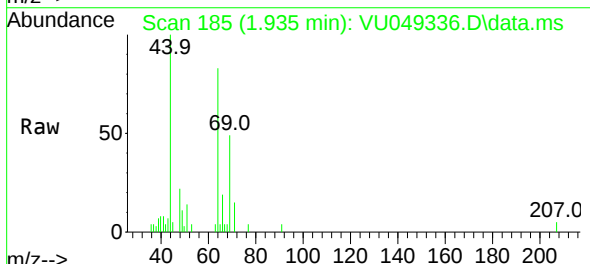
Instrument :
MSVOA_U
ClientSampleId :
C0AD9

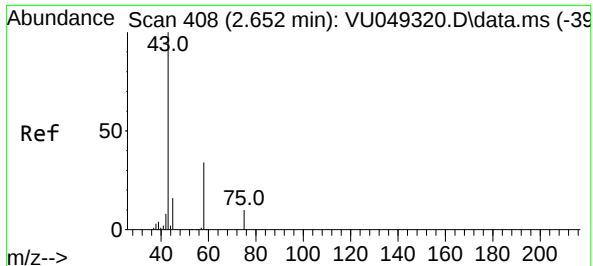
Tgt Ion: 50 Resp: 2641
Ion Ratio Lower Upper
50 100
52 39.2 22.7 42.1



#8
Chloroethane
Concen: 0.483 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion: 64 Resp: 3488
Ion Ratio Lower Upper
64 100
66 23.5 20.9 38.9





#13

Acetone

Concen: 16.071 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

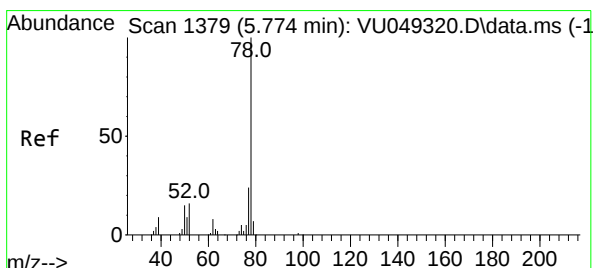
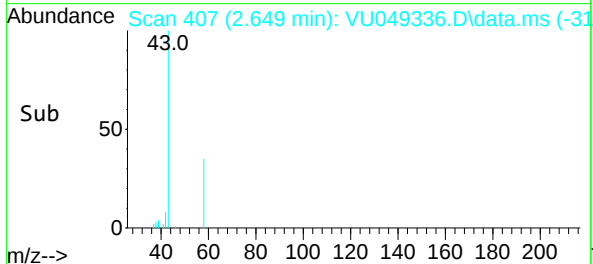
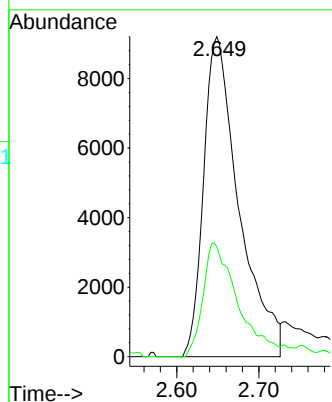
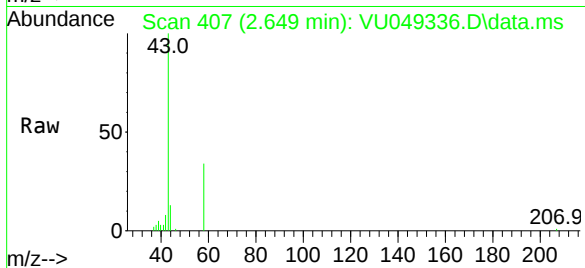
C0AD9

Tgt Ion: 43 Resp: 27550

Ion Ratio Lower Upper

43 100

58 34.9 0.0 65.8



#33

Benzene

Concen: 0.364 ug/L

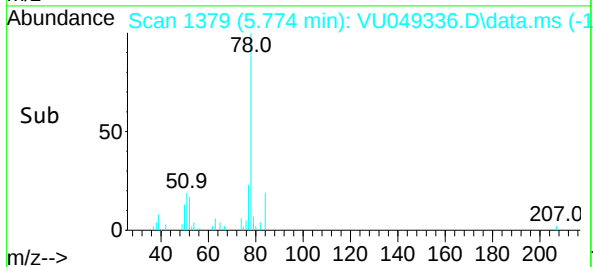
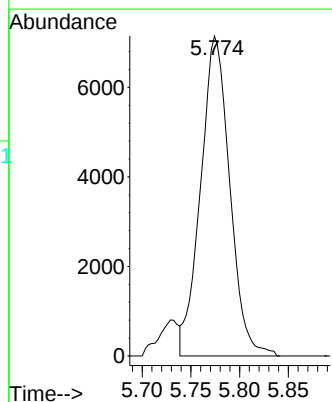
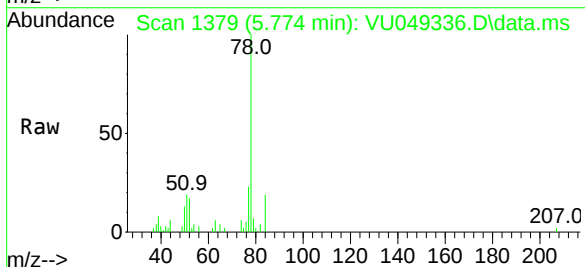
RT: 5.774 min Scan# 1379

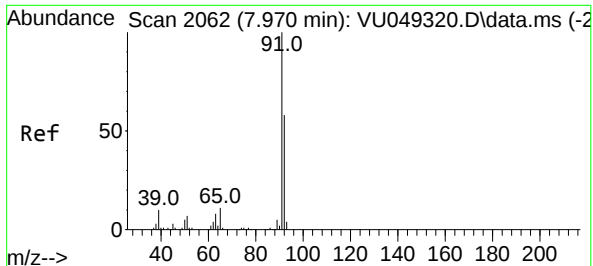
Delta R.T. 0.000 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

Tgt Ion: 78 Resp: 14861





#42

Toluene

Concen: 0.863 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

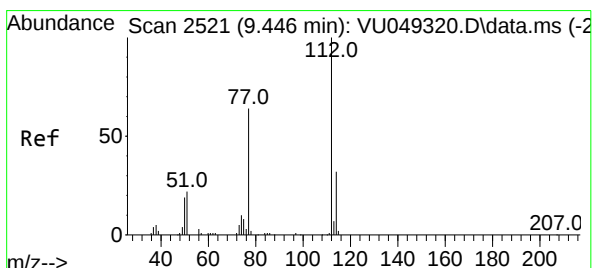
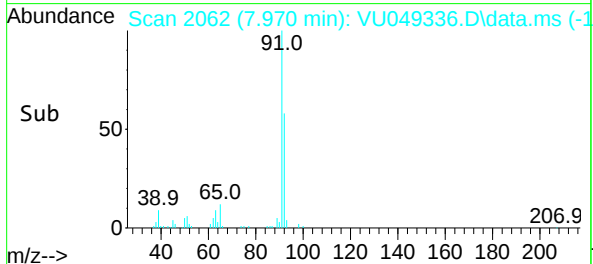
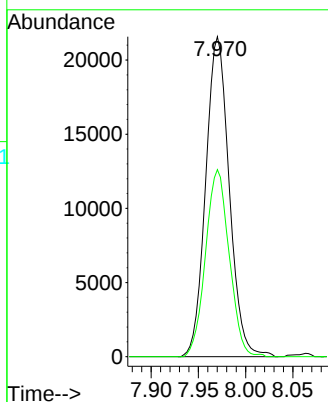
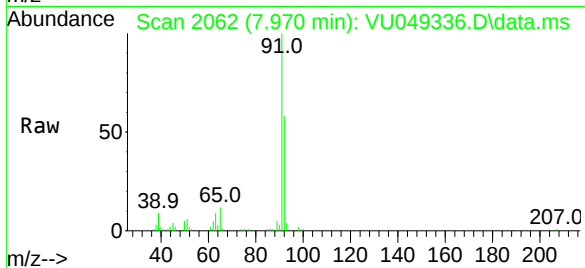
C0AD9

Tgt Ion: 91 Resp: 37373

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.2



#51

Chlorobenzene

Concen: 0.071 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

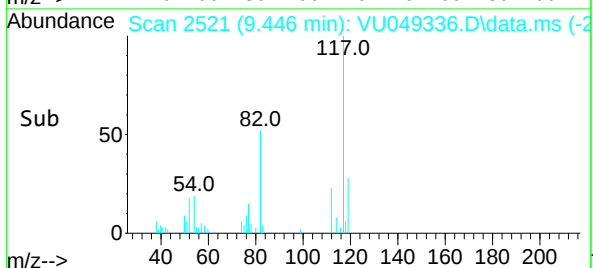
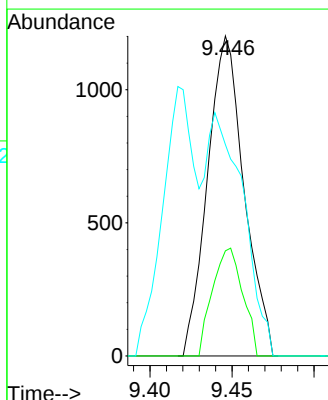
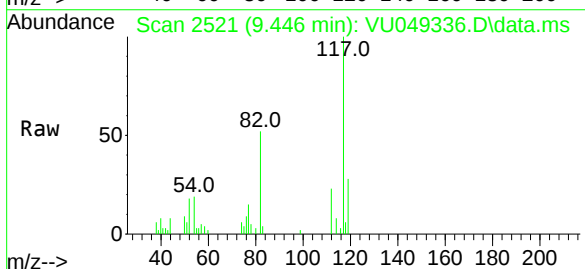
Tgt Ion: 112 Resp: 1860

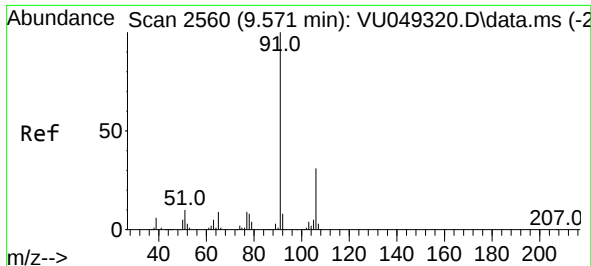
Ion Ratio Lower Upper

112 100

114 32.9 22.3 41.3

77 66.1 51.0 76.6

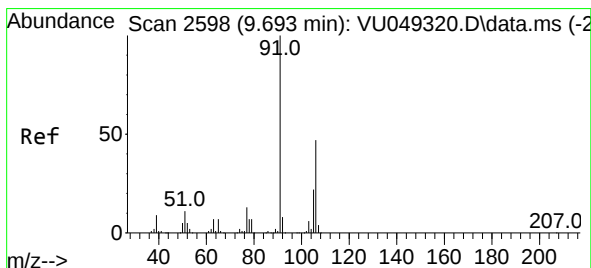
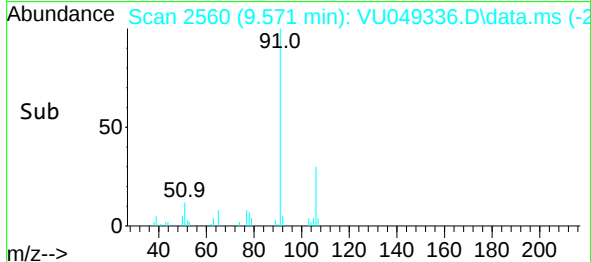
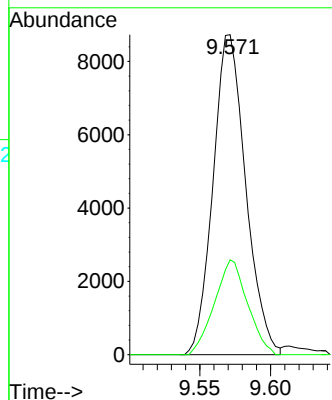
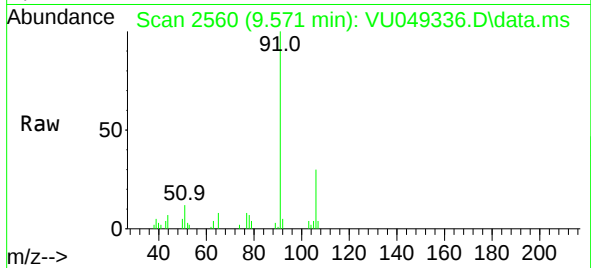




#52
Ethylbenzene
Concen: 0.296 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

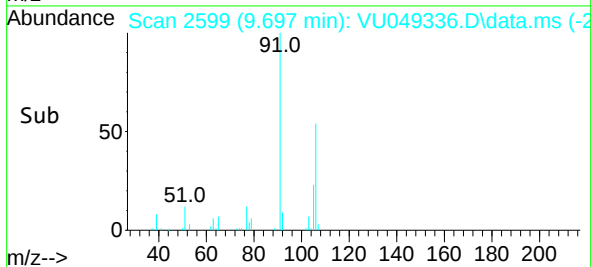
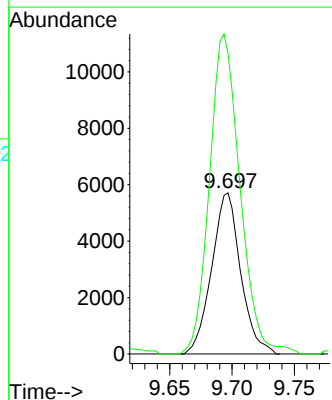
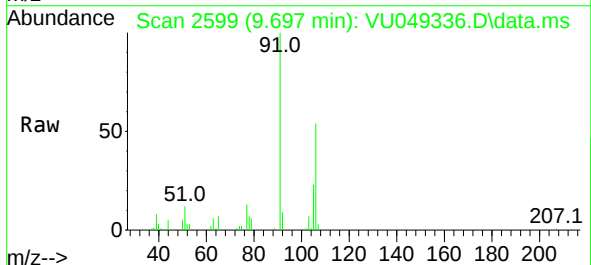
Instrument :
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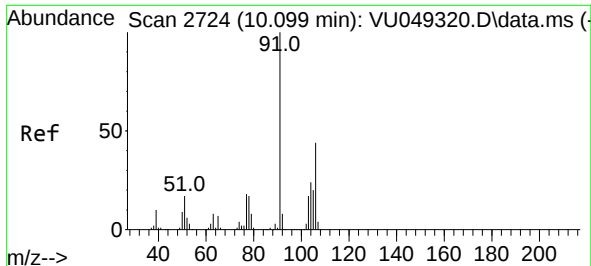
Tgt Ion: 91 Resp: 14009
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4



#53
m,p-Xylene
Concen: 0.526 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion: 106 Resp: 9243
Ion Ratio Lower Upper
106 100
91 186.4 148.5 275.7

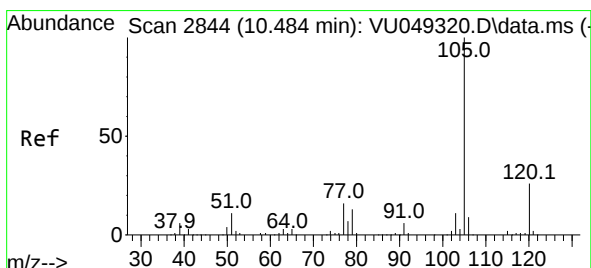
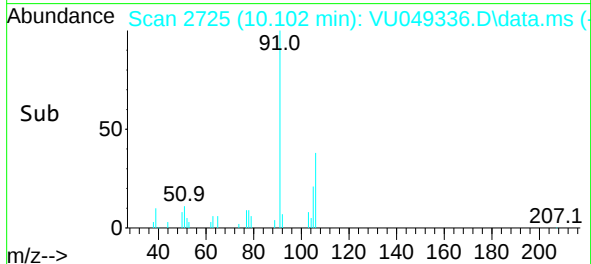
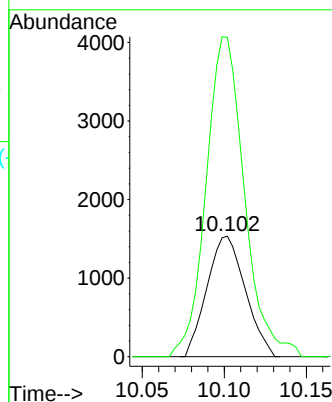
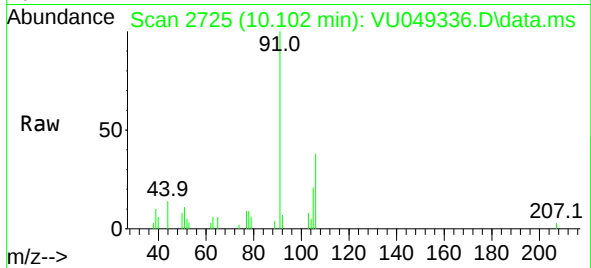




#54
o-Xylene
Concen: 0.143 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

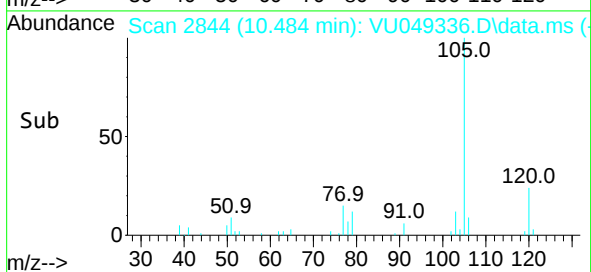
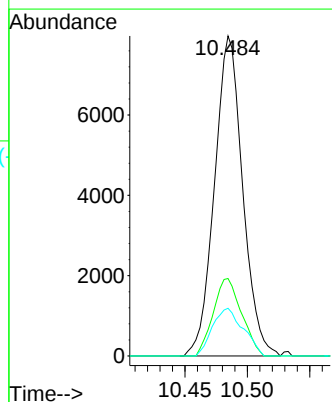
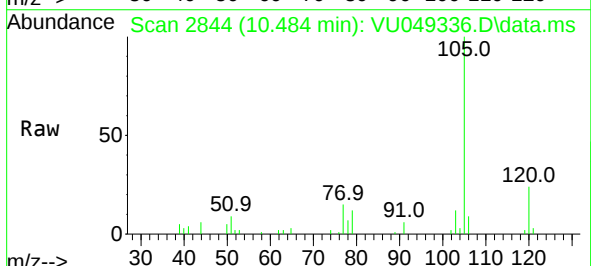
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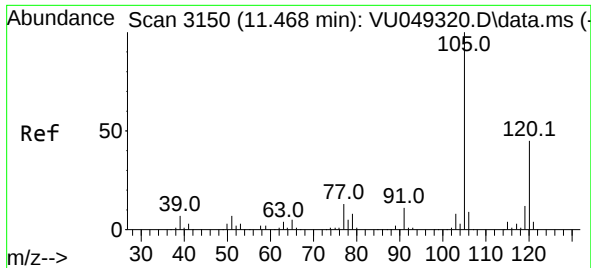
Tgt Ion:106 Resp: 2486
Ion Ratio Lower Upper
106 100
91 264.9 157.5 292.5



#60
Isopropylbenzene
Concen: 0.270 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion:105 Resp: 12539
Ion Ratio Lower Upper
105 100
120 24.3 20.3 30.5
77 16.2 13.0 19.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.262 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU049336.D
 Acq: 21 Jun 2022 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD9

Tgt Ion:105 Resp: 10641
 Ion Ratio Lower Upper
 105 100
 120 41.4 34.6 52.0

