

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
5) Vinyl chloride	1.604	62	1403	0.112	ug/L #	1
8) Chloroethane	1.935	64	3488	0.483	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	448	0.052	ug/L #	21
13) Acetone	2.649	43	27550	16.071	ug/L	96
33) Benzene	5.774	78	14861	0.364	ug/L	100
37) 1,2-Dichloropropane	6.690	63	6225	0.555	ug/L #	89
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
61) 1,2,3-Trichloropropane	11.812	75	8852	1.156	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.468	105	10641	0.262	ug/L	97
71) Naphthalene	14.086	128	190744	8.090	ug/L	99

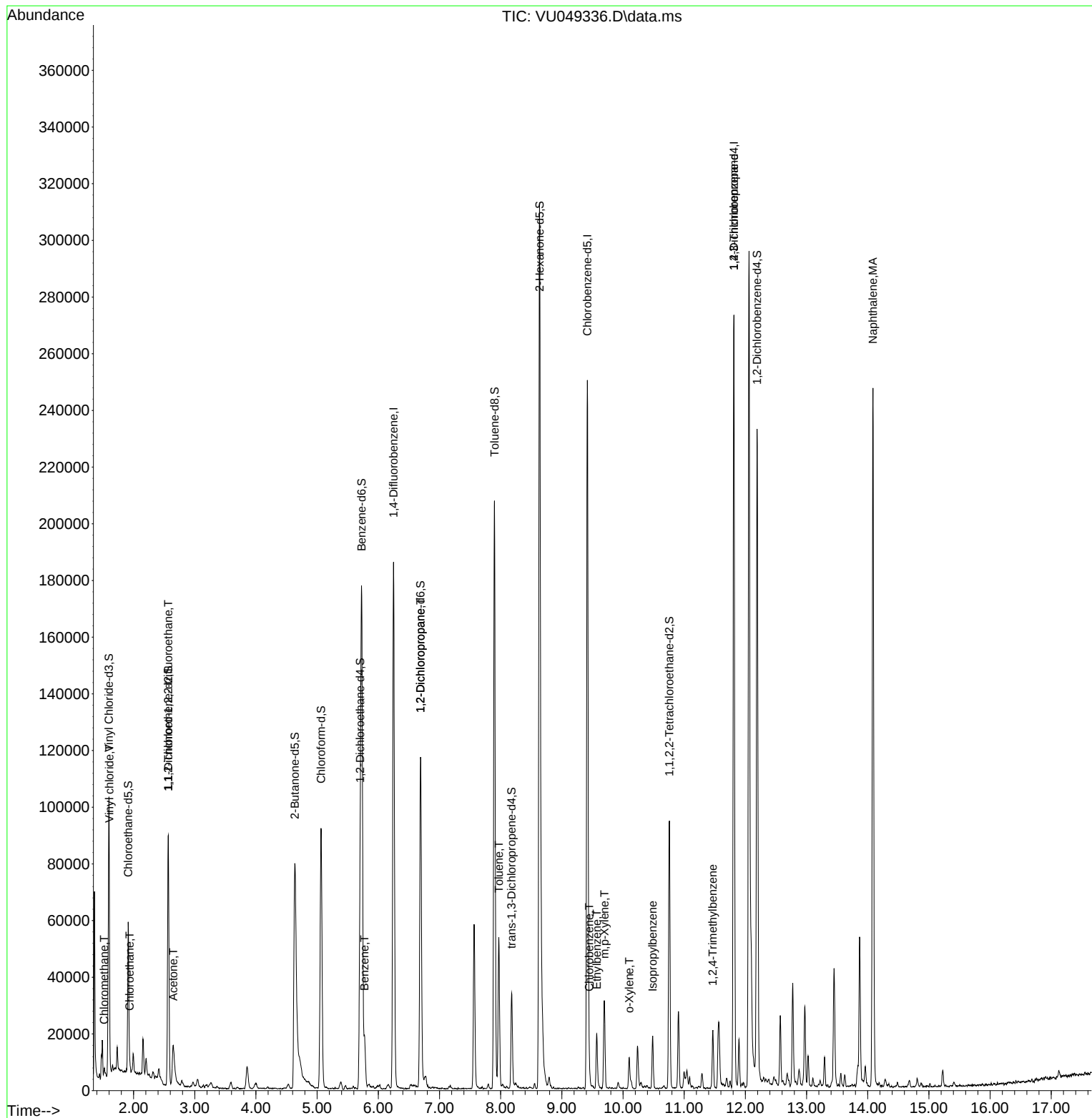
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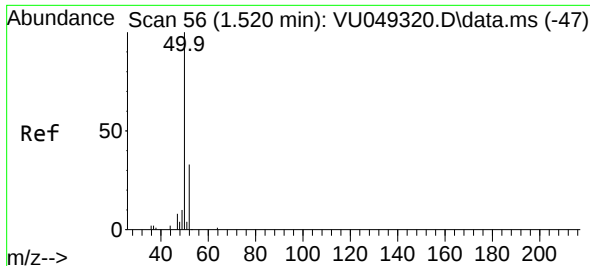
Instrument :
MSVOA_U
ClientSampleId :
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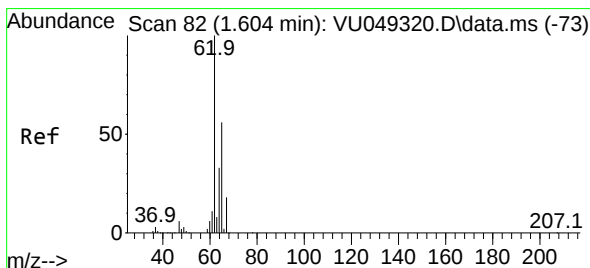
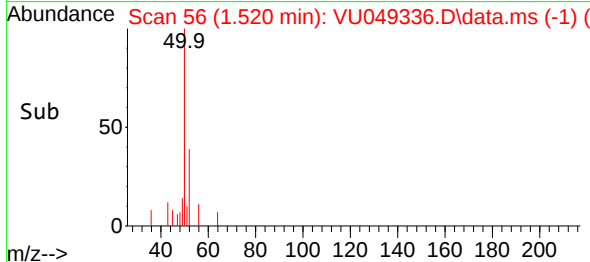
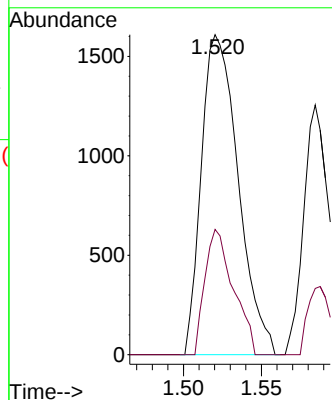
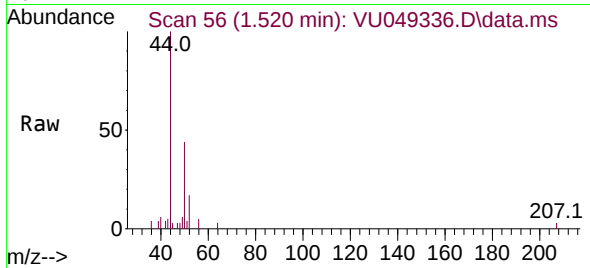




#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

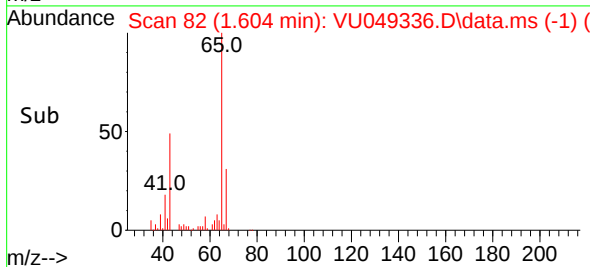
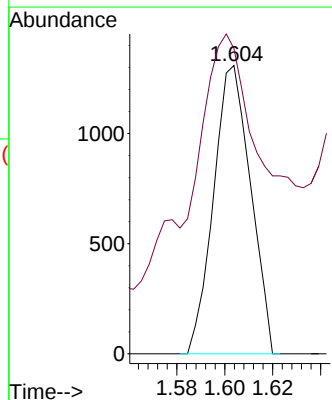
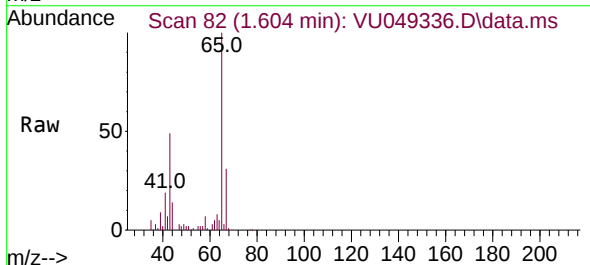
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MSVOA_U
ClientSampleId :
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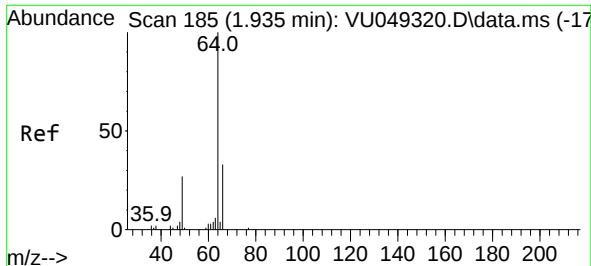
Tgt Ion: 50 Resp: 2641
Ion Ratio Lower Upper
50 100
52 39.2 22.7 42.1



#5
Vinyl chloride
Concen: 0.112 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion: 62 Resp: 1403
Ion Ratio Lower Upper
62 100
64 105.9 22.8 42.4#

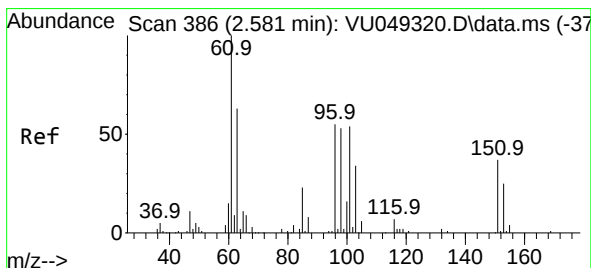
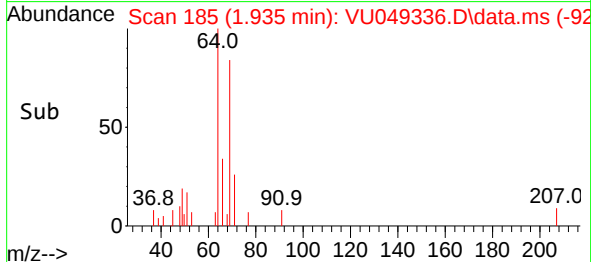
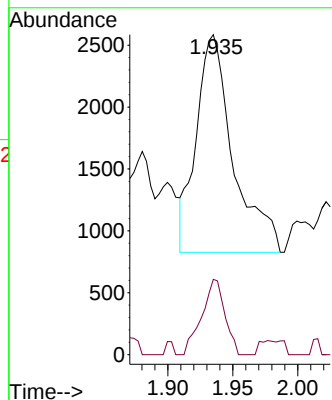
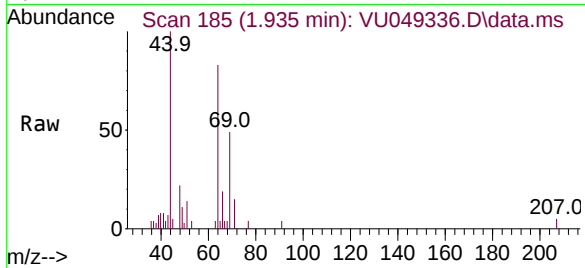




#8
Chloroethane
Concen: 0.483 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

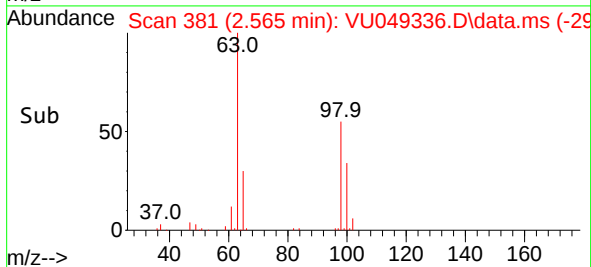
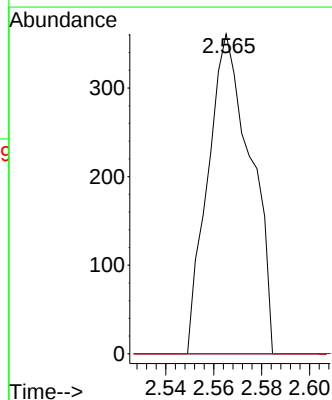
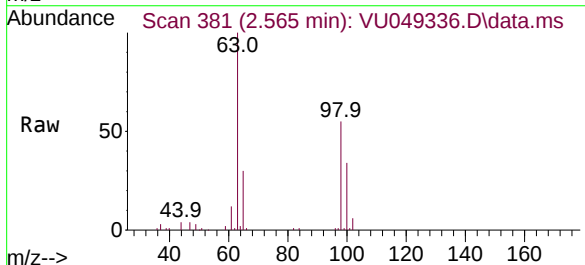
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ClientSampleId :
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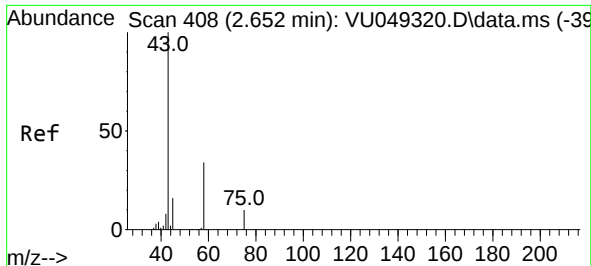
Tgt Ion: 64 Resp: 3488
Ion Ratio Lower Upper
64 100
66 23.5 20.9 38.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion: 101 Resp: 448
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#





#13

Acetone

Concen: 16.071 ug/L

RT: 2.649 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

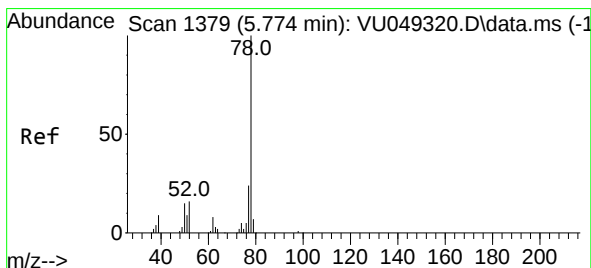
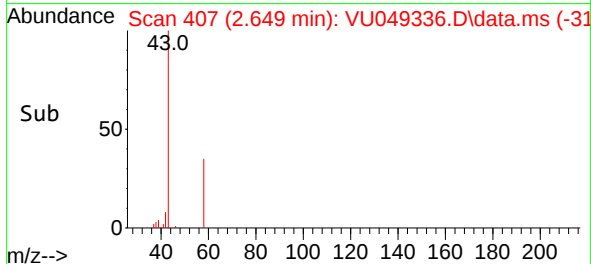
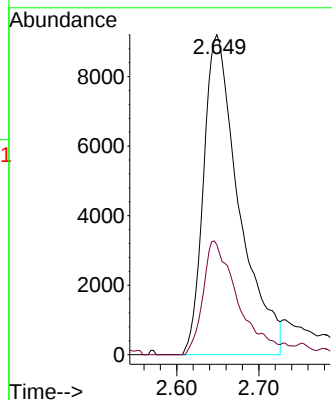
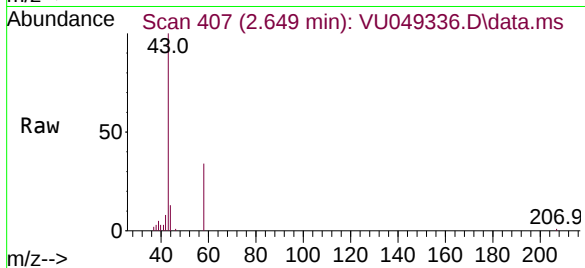
C0AD9

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

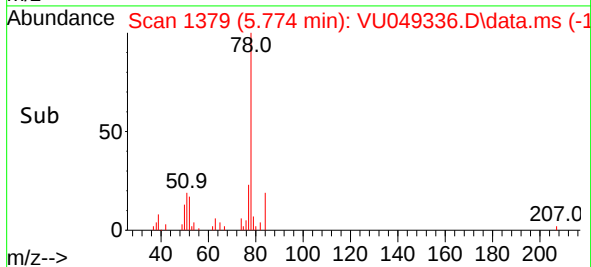
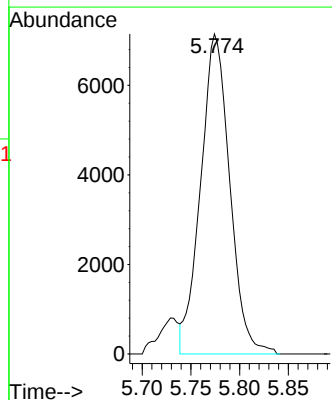
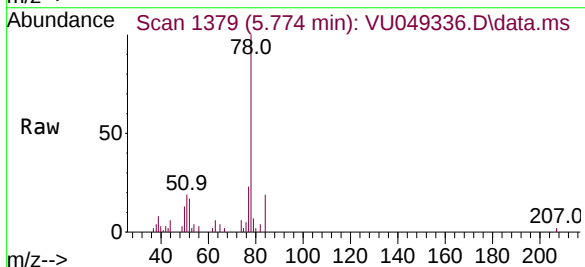
RT: 5.774 min Scan# 1379

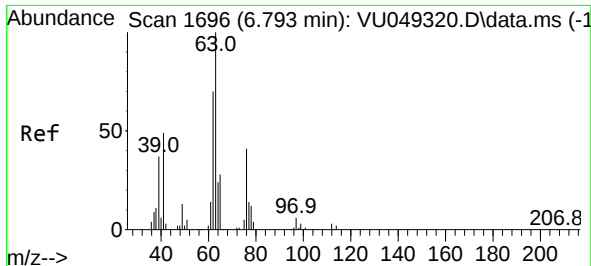
Delta R.T. 0.000 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

Tgt Ion: 78 Resp: 14861





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049336.D

Acq: 21 Jun 2022 19:05

Instrument :

MSVOA_U

ClientSampleId :

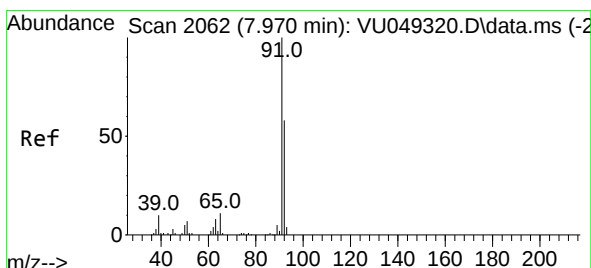
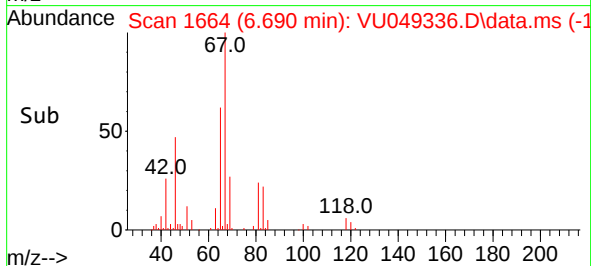
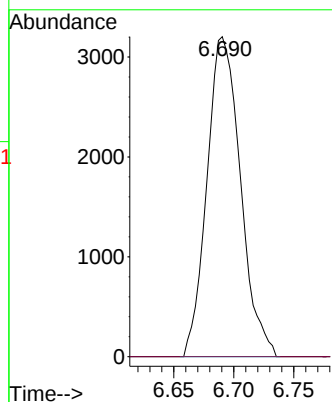
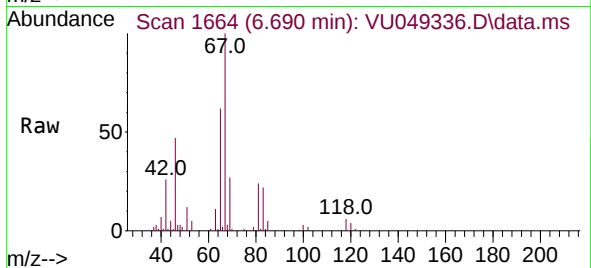
C0AD9

Tgt Ion: 63 Resp: 6225

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#42

Toluene

Concen: 0.863 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049336.D

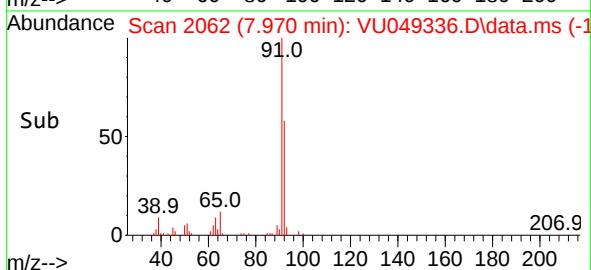
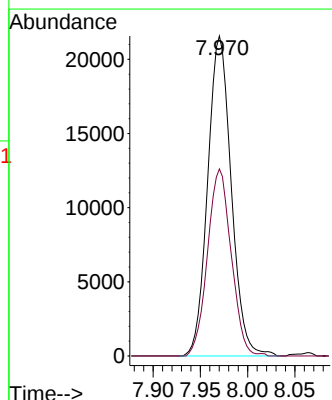
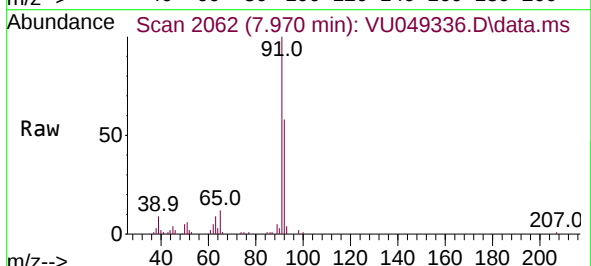
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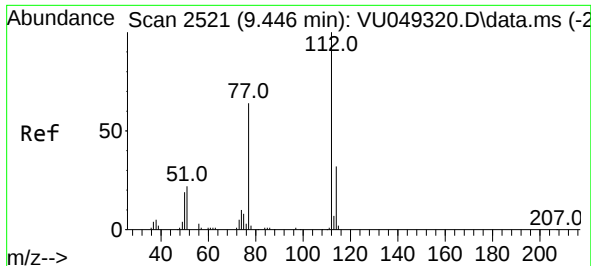
Tgt Ion: 91 Resp: 37373

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.2

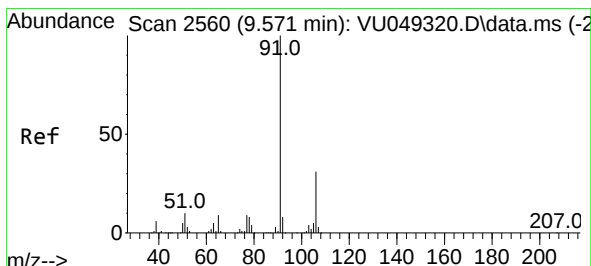
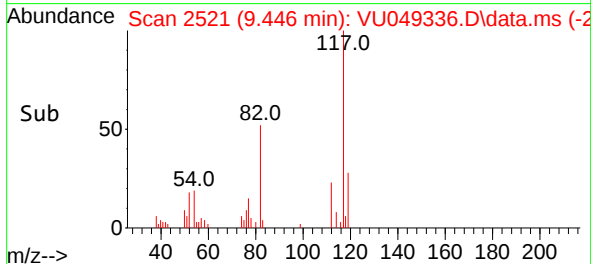
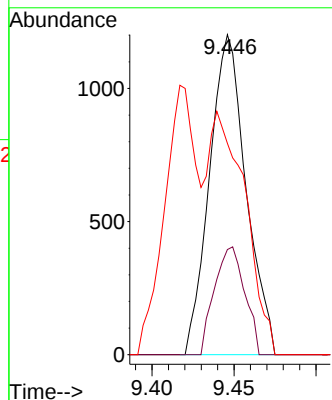
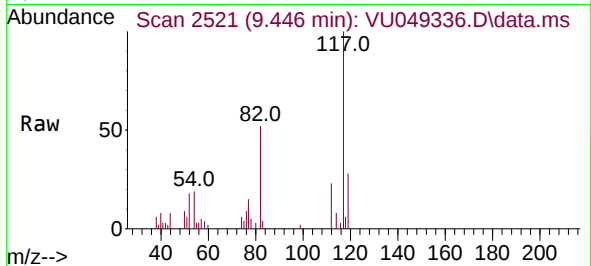




#51
Chlorobenzene
Concen: 0.071 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

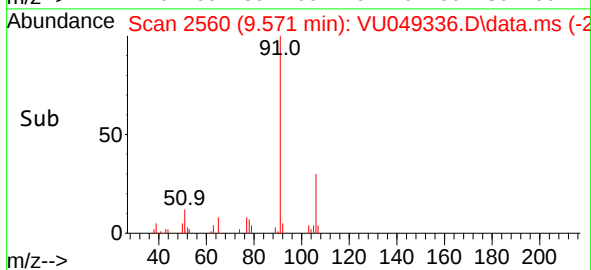
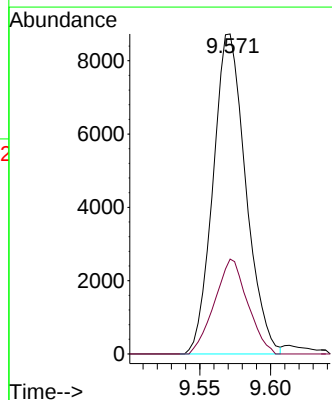
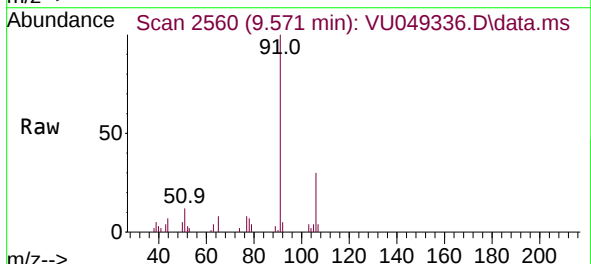
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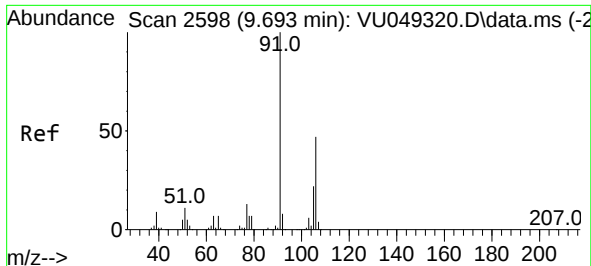
Tgt Ion: 112 Resp: 1860
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.3
77 66.1 51.0 76.6



#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

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

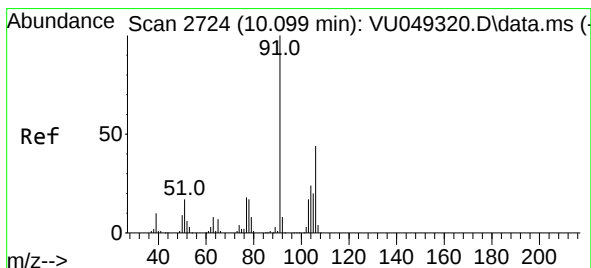
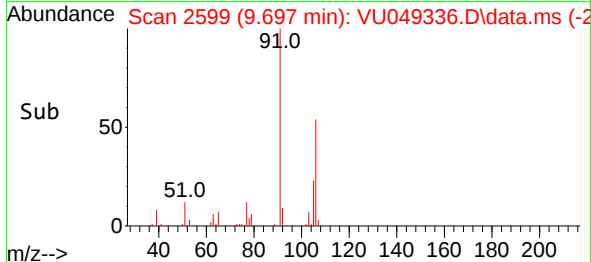
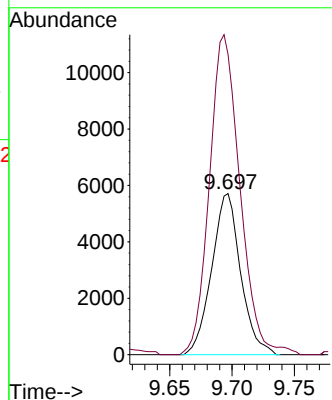
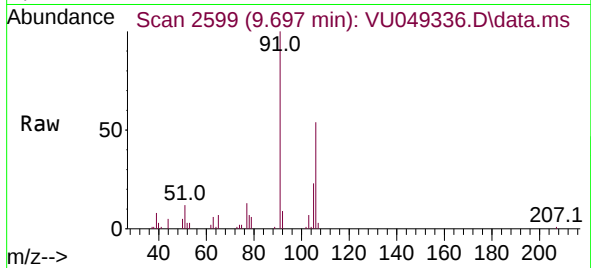




#53
m,p-Xylene
Concen: 0.526 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

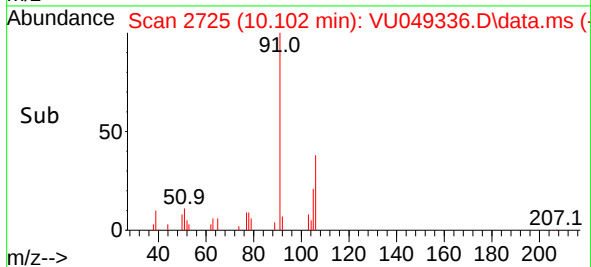
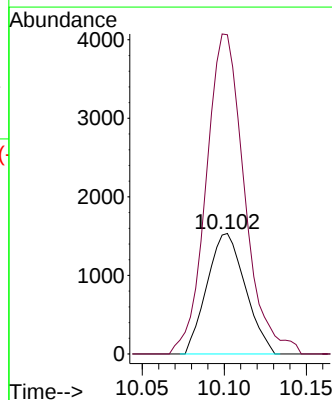
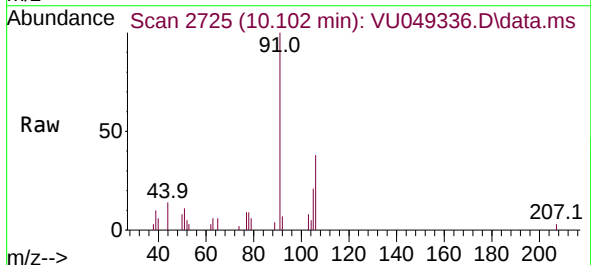
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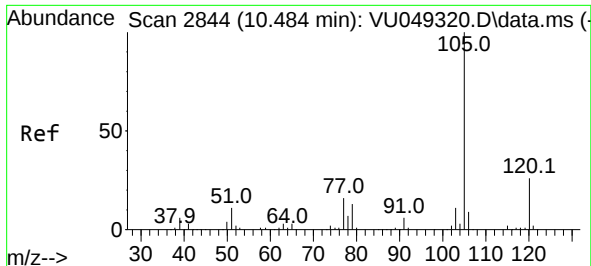
Tgt Ion:106 Resp: 9243
Ion Ratio Lower Upper
106 100
91 186.4 148.5 275.7



#54
o-Xylene
Concen: 0.143 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

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

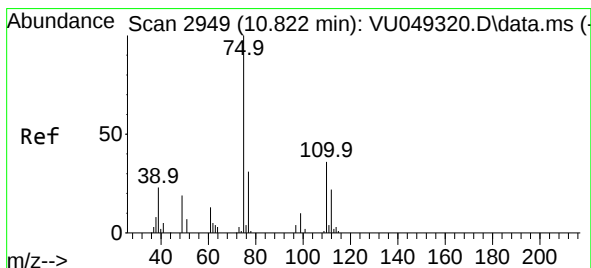
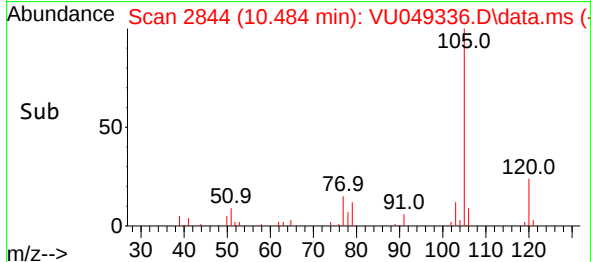
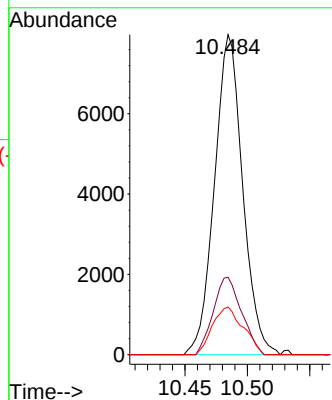
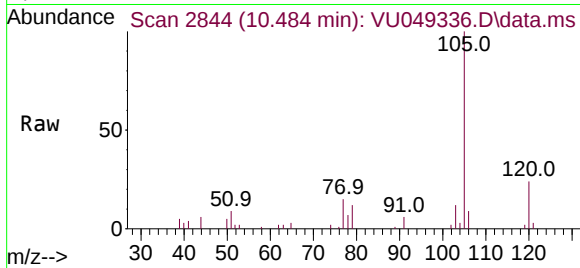




#60
Isopropylbenzene
Concen: 0.270 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049336.D
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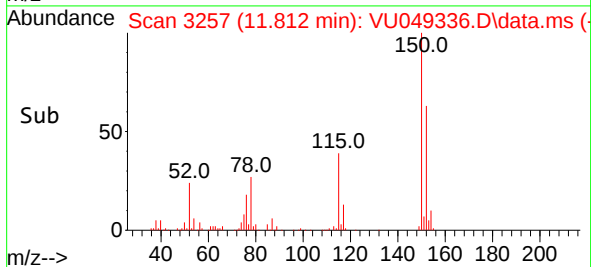
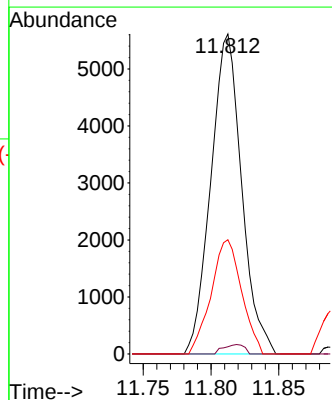
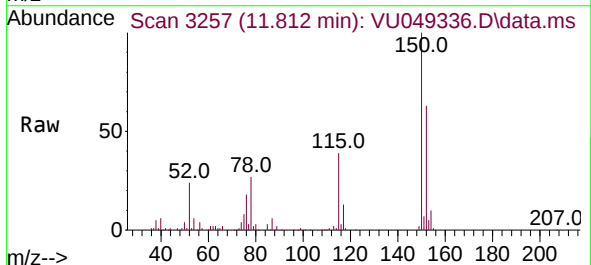
Instrument :
MSVOA_U
ClientSampleId :
C0AD9

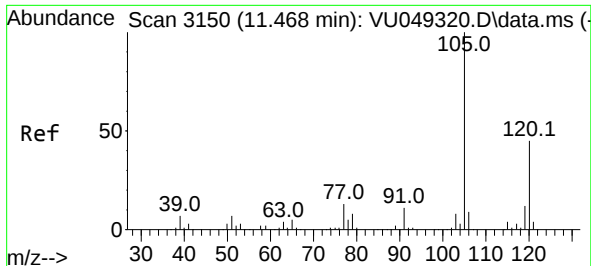
Tgt Ion:105 Resp: 12539
Ion Ratio Lower Upper
105 100
120 24.3 20.3 30.5
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 1.156 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion: 75 Resp: 8852
Ion Ratio Lower Upper
75 100
110 2.0 29.0 43.4#
77 35.3 26.2 39.2

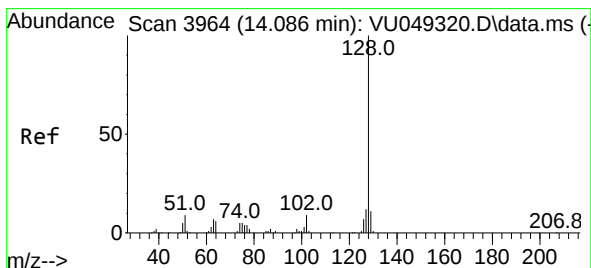
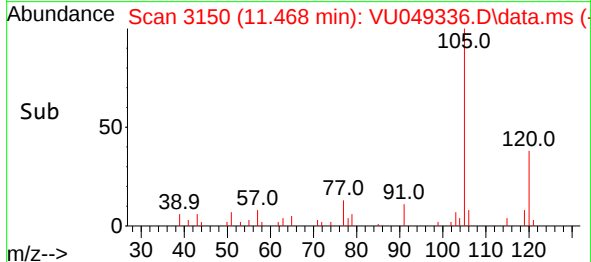
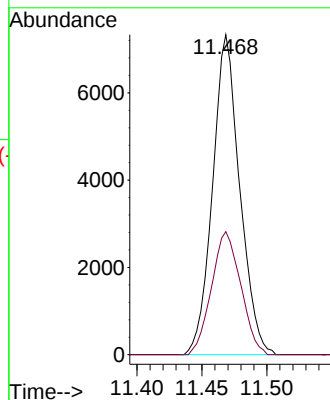
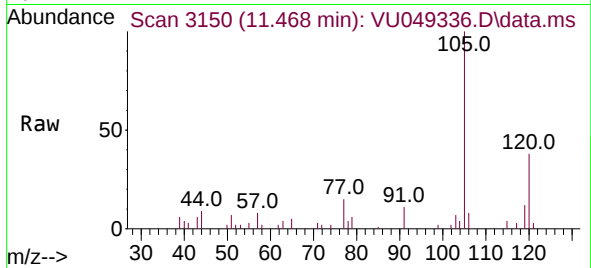




#63
1,2,4-Trimethylbenzene
Concen: 0.262 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Instrument :
MSVOA_U
ClientSampleId :
C0AD9

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



#71
Naphthalene
Concen: 8.090 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049336.D
Acq: 21 Jun 2022 19:05

Tgt Ion:128 Resp: 190744
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 12.7 10.2 15.4

