

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049215.D
 Acq On : 16 Jun 2022 19:34
 Operator : SY/MD
 Sample : N3285-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:32:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	124449	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	114207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	34698	3.191	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.906	69	27873	3.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.555	65	15442	3.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.690	46	118137	40.688	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.380%
24) Chloroform-d	5.063	84	72568	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.706	65	40174	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.726	84	140028	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.690	67	50127	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.899	98	121771	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.179	79	17815	3.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.639	63	98225	46.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40705	4.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	48022	4.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
8) Chloroethane	1.716	64	40170	6.633	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	378	0.053	ug/L #	21
13) Acetone	2.732	43	48401	33.682	ug/L	98
14) Carbon disulfide	2.784	76	15131	0.655	ug/L	98
15) Methyl Acetate	3.002	43	3117	0.811	ug/L #	76
16) Methylene chloride	3.041	84	22432	2.437	ug/L	96
19) 1,1-Dichloroethane	3.867	63	22085	1.445	ug/L	92
21) 2-Butanone	4.774	43	24259	8.853	ug/L #	69
33) Benzene	5.777	78	3823	0.112	ug/L	100
35) Methylcyclohexane	6.690	83	10501	0.721	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5346	0.573	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1278	0.090	ug/L #	54
40) 4-Methyl-2-pentanone	7.800	43	15789	2.276	ug/L #	88
42) Toluene	7.970	91	9528	0.264	ug/L	98
53) m,p-Xylene	9.693	106	2220	0.152	ug/L	87
71) Naphthalene	14.092	128	2841	0.144	ug/L #	94

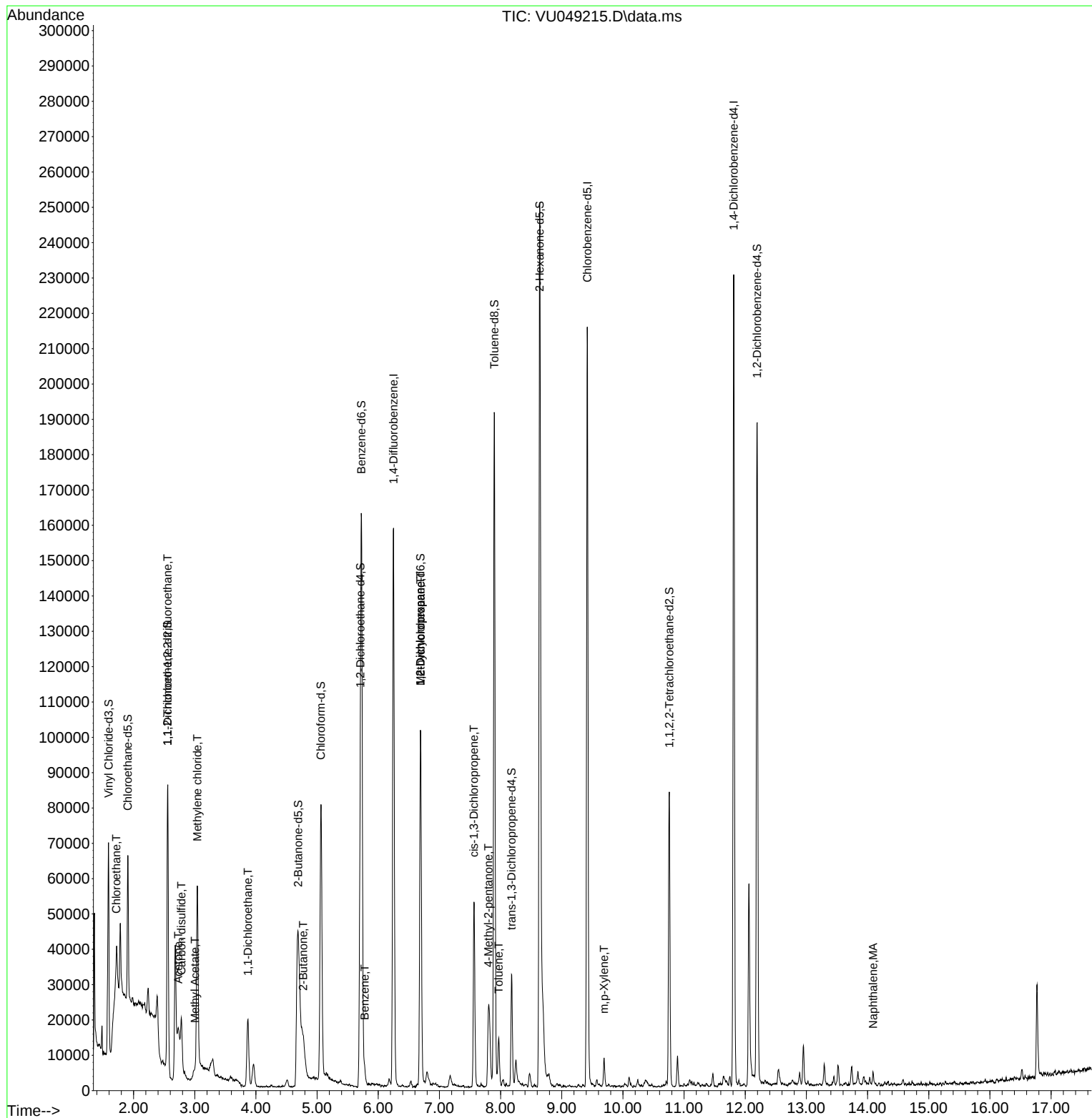
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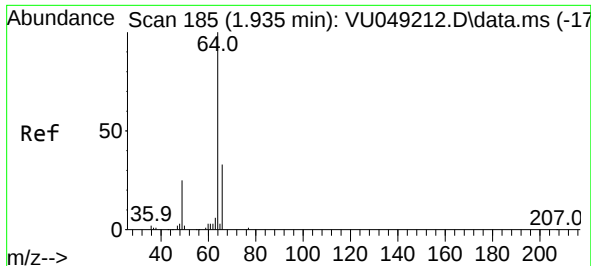
Instrument :
MSVOA_U
ClientSampleId :

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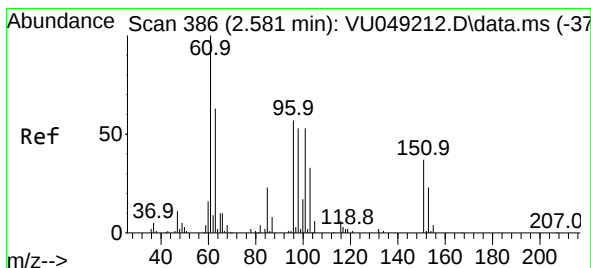
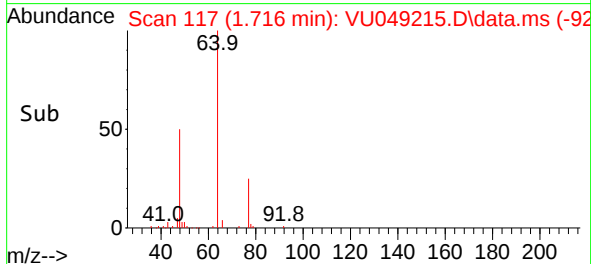
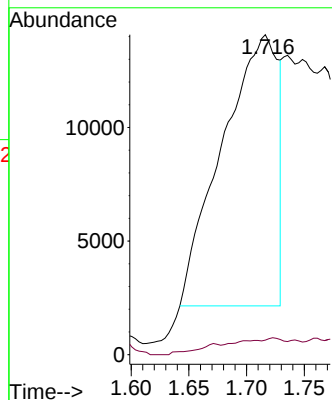
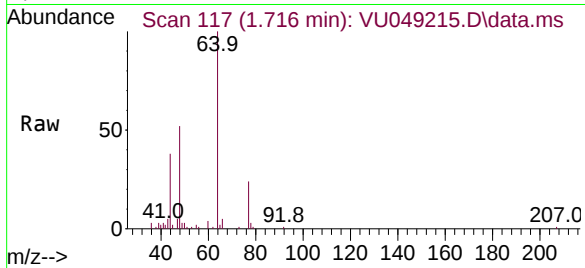




#8
Chloroethane
Concen: 6.633 ug/L
RT: 1.716 min Scan# 117
Delta R.T. -0.219 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

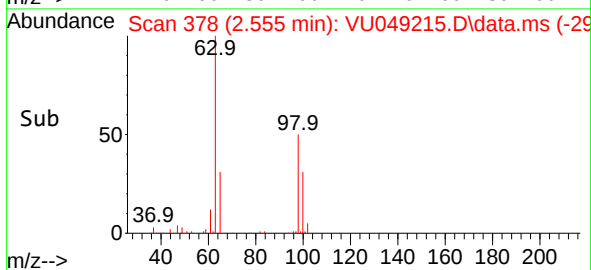
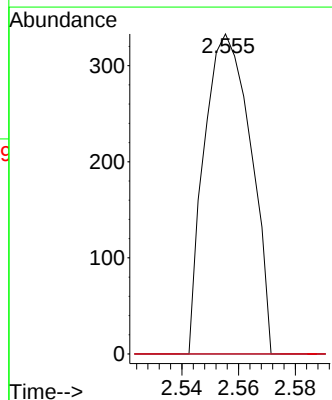
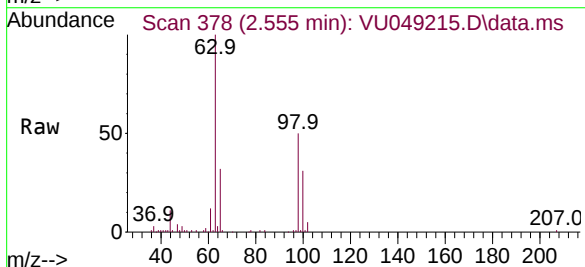
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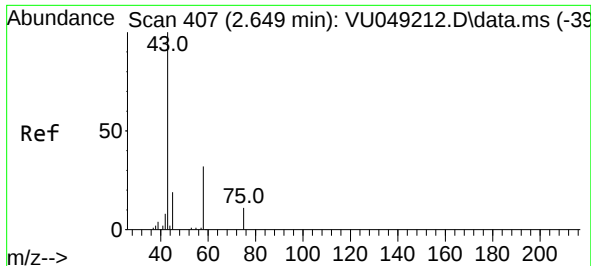
Tgt Ion: 64 Resp: 40170
Ion Ratio Lower Upper
64 100
66 4.6 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.555 min Scan# 378
Delta R.T. -0.026 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Tgt Ion: 101 Resp: 378
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

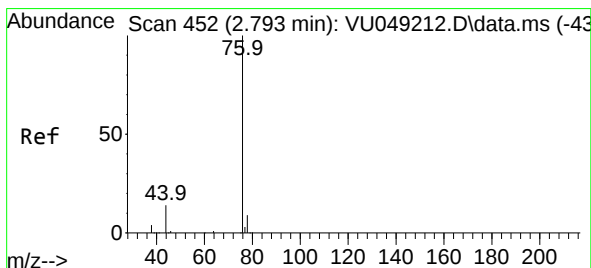
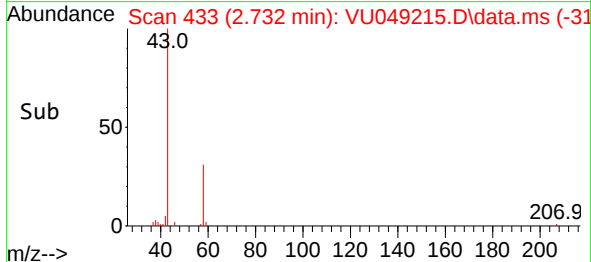
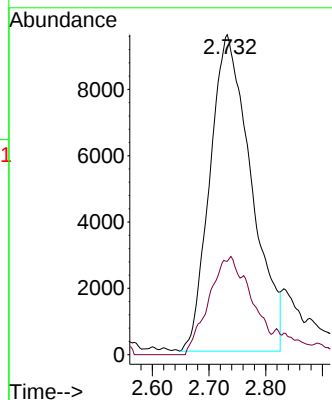
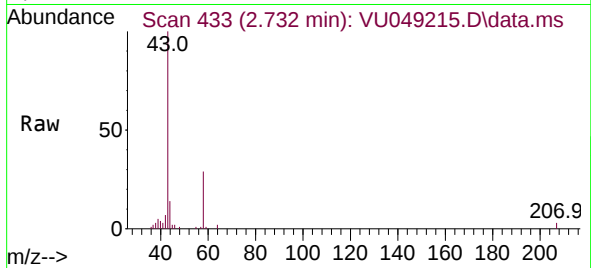




#13
Acetone
Concen: 33.682 ug/L
RT: 2.732 min Scan# 41
Delta R.T. 0.083 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

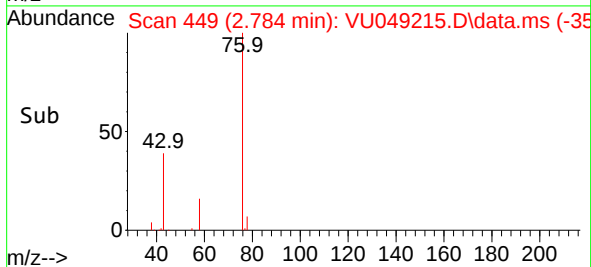
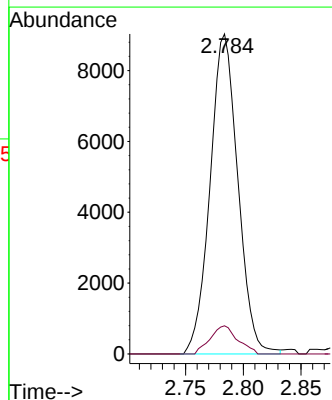
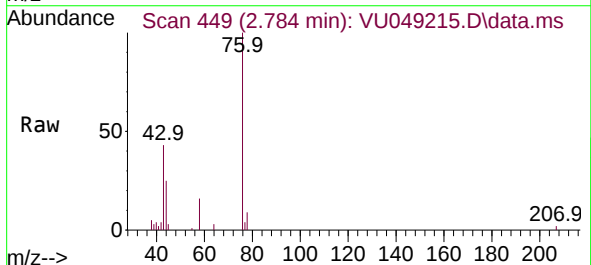
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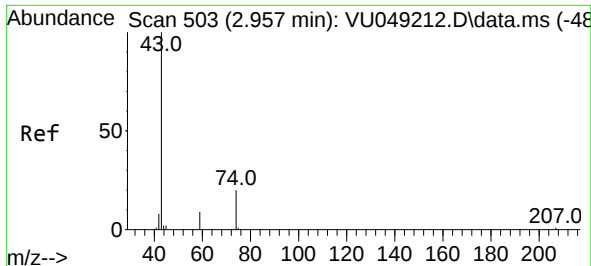
Tgt Ion: 43 Resp: 48401
Ion Ratio Lower Upper
43 100
58 31.7 0.0 65.8



#14
Carbon disulfide
Concen: 0.655 ug/L
RT: 2.784 min Scan# 449
Delta R.T. -0.010 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Tgt Ion: 76 Resp: 15131
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

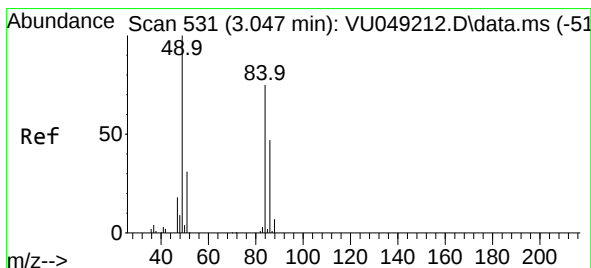
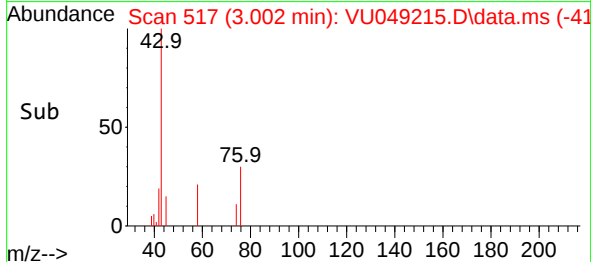
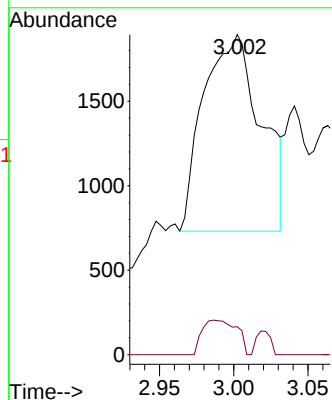
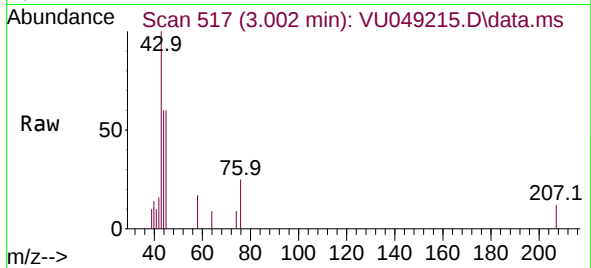




#15
Methyl Acetate
Concen: 0.811 ug/L
RT: 3.002 min Scan# 517
Delta R.T. 0.045 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

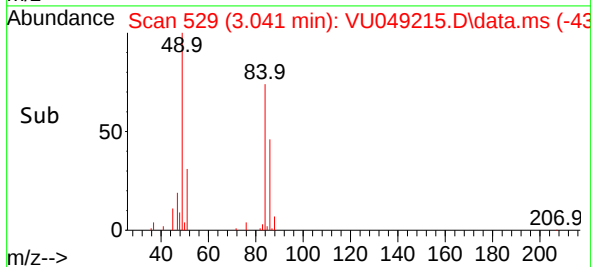
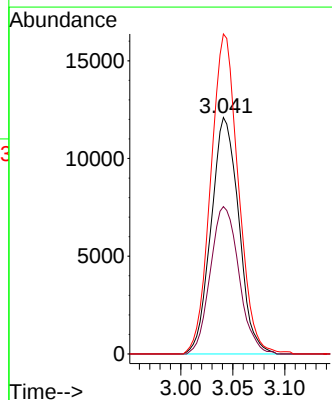
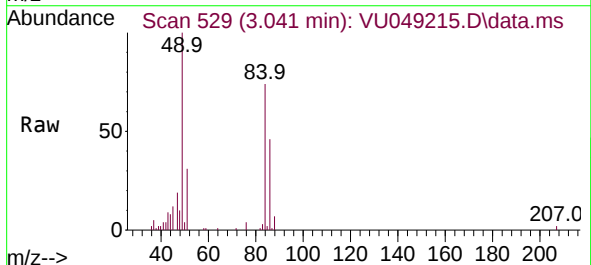
Instrument :
MSVOA_U
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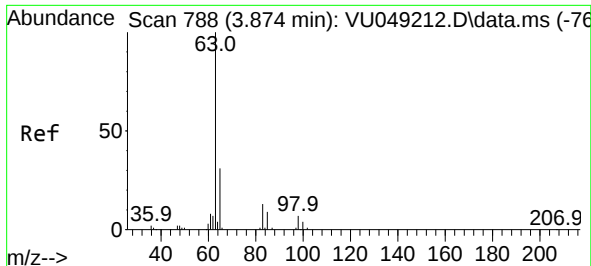
Tgt Ion: 43 Resp: 3117
Ion Ratio Lower Upper
43 100
74 10.7 17.6 26.4#



#16
Methylene chloride
Concen: 2.437 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.007 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Tgt Ion: 84 Resp: 22432
Ion Ratio Lower Upper
84 100
86 62.3 43.6 81.0
49 135.3 90.2 167.6





#19

1,1-Dichloroethane

Concen: 1.445 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.007 min

Lab File: VU049215.D

Acq: 16 Jun 2022 19:34

Instrument :

MSVOA_U

ClientSampleId :

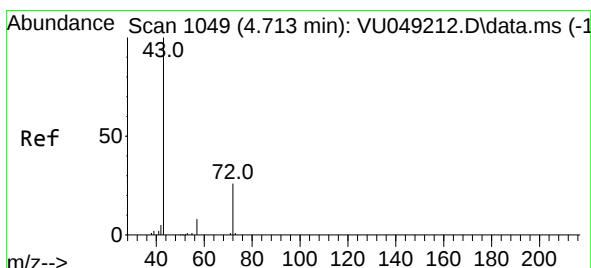
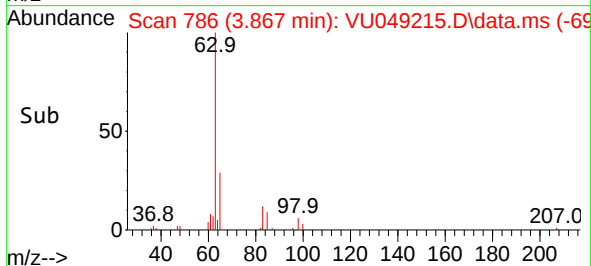
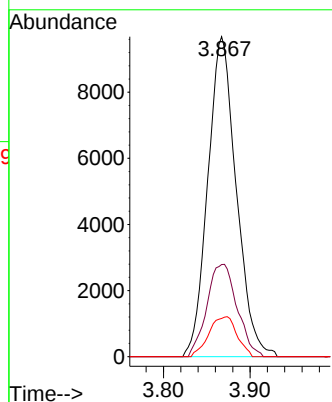
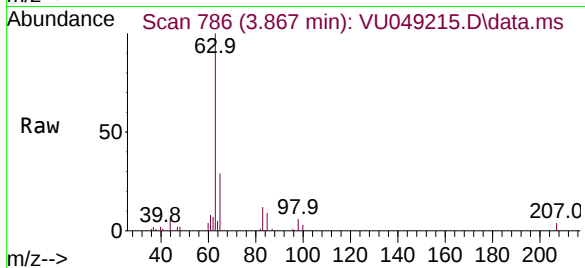
Tgt Ion: 63 Resp: 22085

Ion Ratio Lower Upper

63 100

65 28.8 24.0 44.6

83 12.0 9.1 16.9



#21

2-Butanone

Concen: 8.853 ug/L

RT: 4.774 min Scan# 1068

Delta R.T. 0.061 min

Lab File: VU049215.D

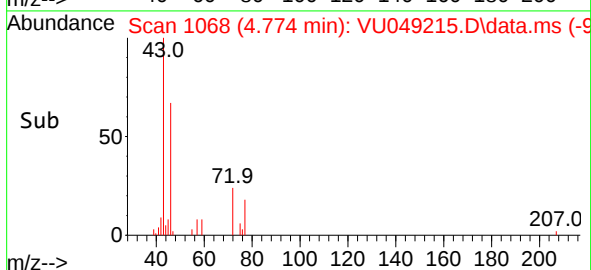
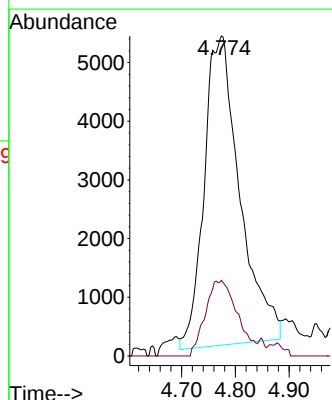
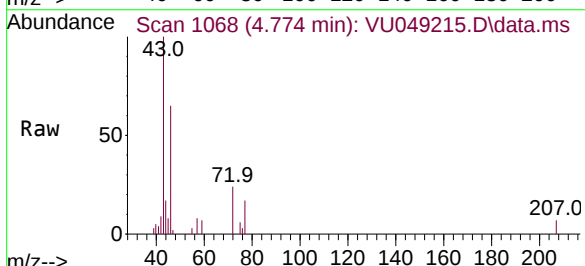
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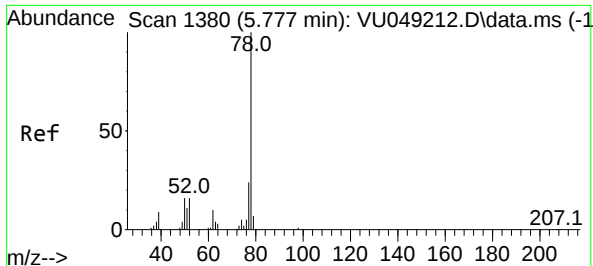
Tgt Ion: 43 Resp: 24259

Ion Ratio Lower Upper

43 100

72 9.1 12.2 36.6#

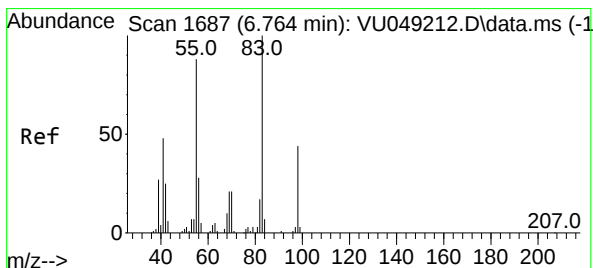
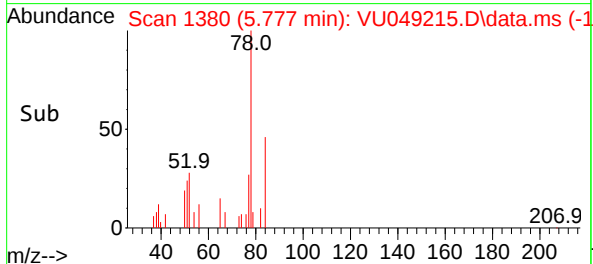
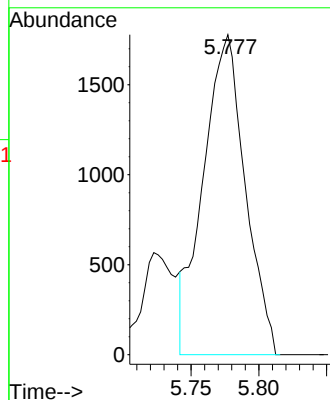
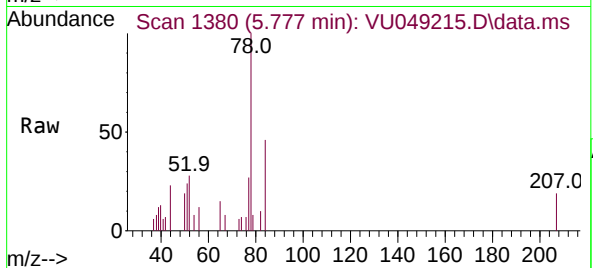




#33
Benzene
Concen: 0.112 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

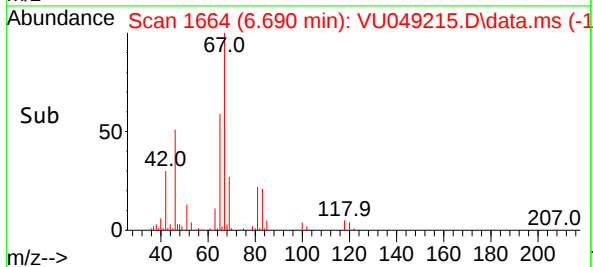
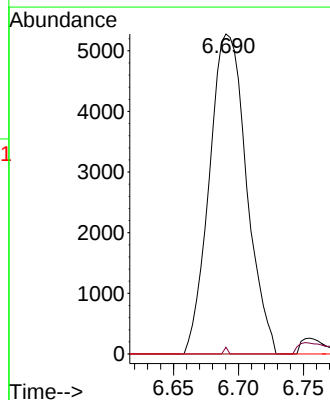
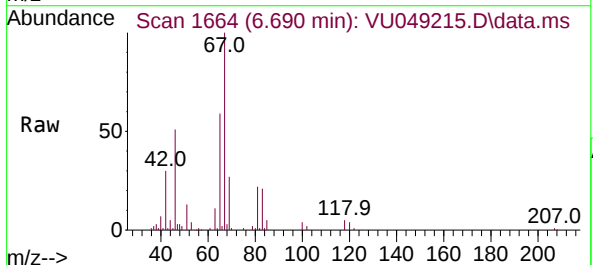
Instrument :
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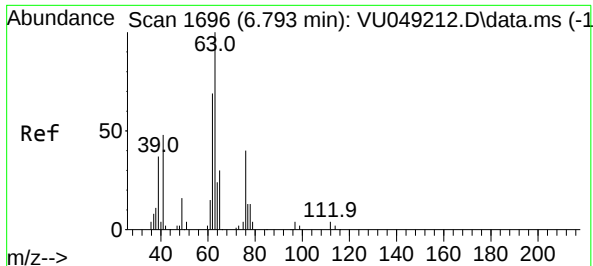
Tgt Ion: 78 Resp: 3823



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Tgt Ion: 83 Resp: 10501
Ion Ratio Lower Upper
83 100
55 0.2 66.9 100.3#
98 0.0 35.5 53.3#

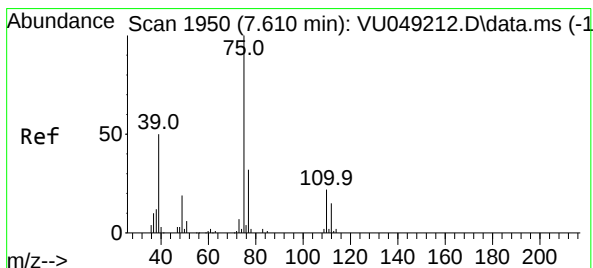
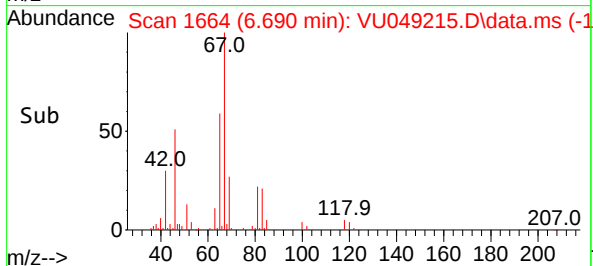
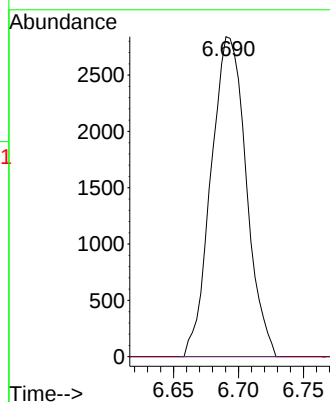
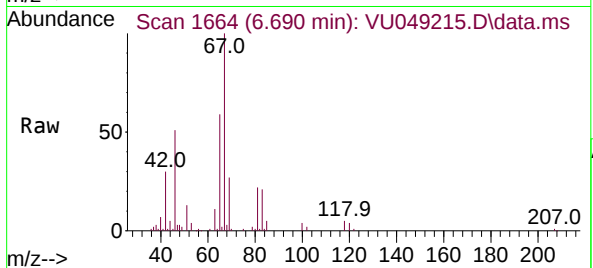




#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

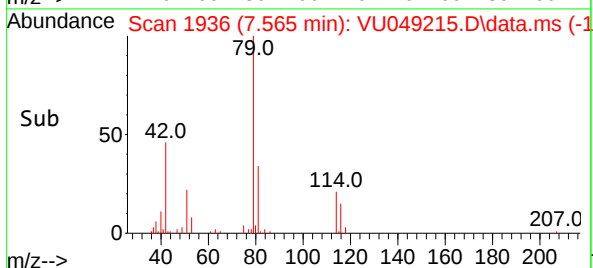
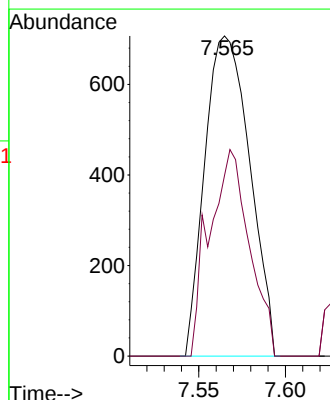
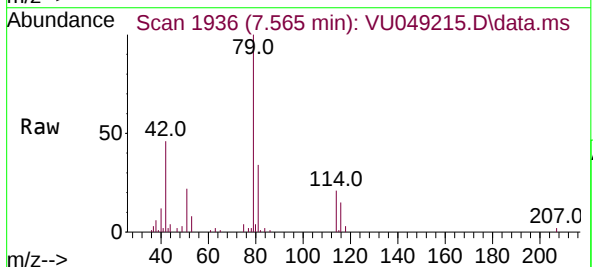
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ClientSampleId :

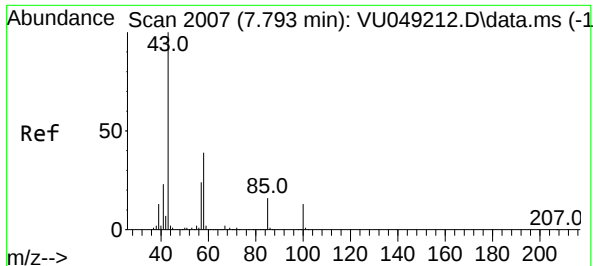
Tgt Ion: 63 Resp: 5346
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Tgt Ion: 75 Resp: 1278
Ion Ratio Lower Upper
75 100
77 56.4 21.8 40.4#





#40

4-Methyl-2-pentanone

Concen: 2.276 ug/L

RT: 7.800 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VU049215.D

Acq: 16 Jun 2022 19:34

Instrument :

MSVOA_U

ClientSampleId :

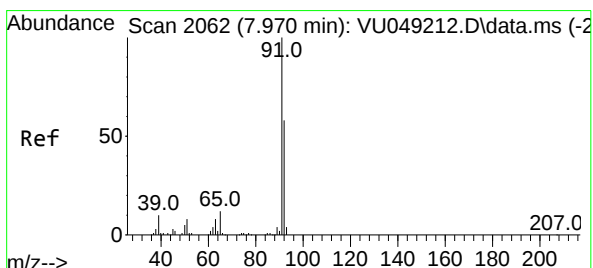
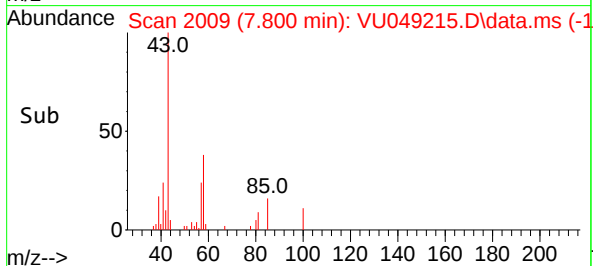
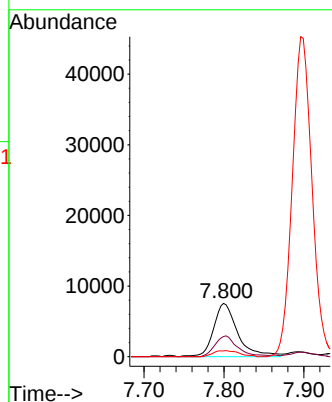
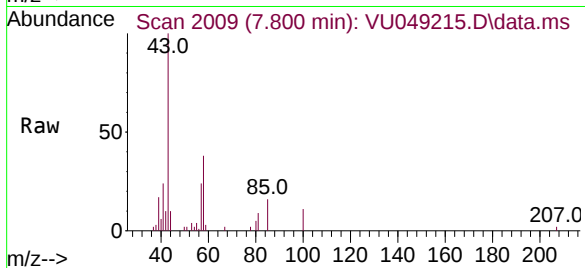
Tgt Ion: 43 Resp: 15789

Ion Ratio Lower Upper

43 100

58 36.3 31.4 47.2

100 0.0 10.5 15.7#



#42

Toluene

Concen: 0.264 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049215.D

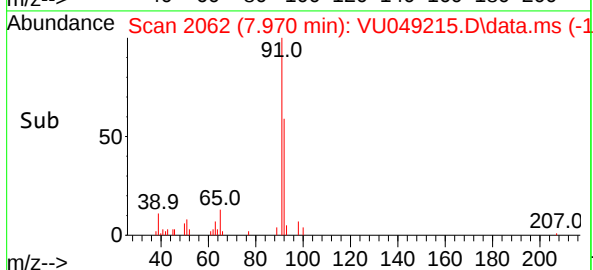
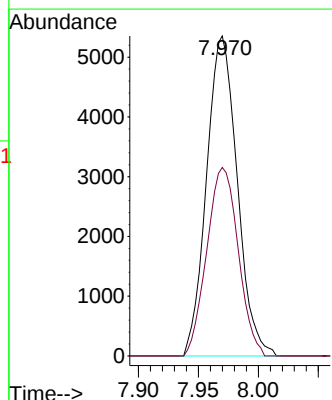
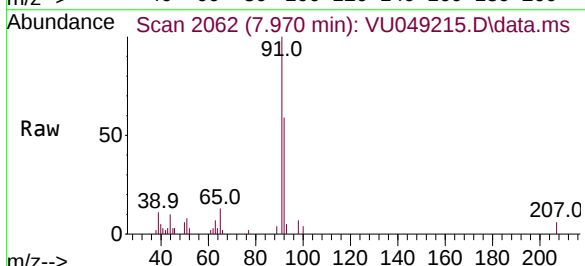
Acq: 16 Jun 2022 19:34

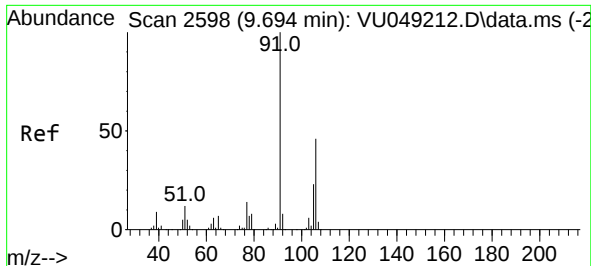
Tgt Ion: 91 Resp: 9528

Ion Ratio Lower Upper

91 100

92 58.9 40.0 74.2

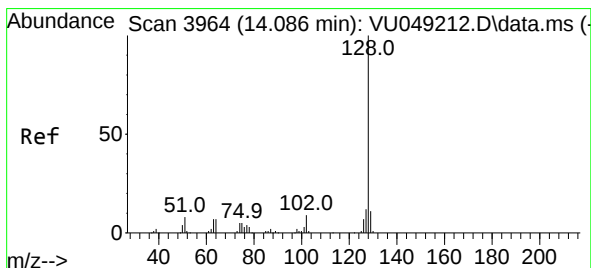
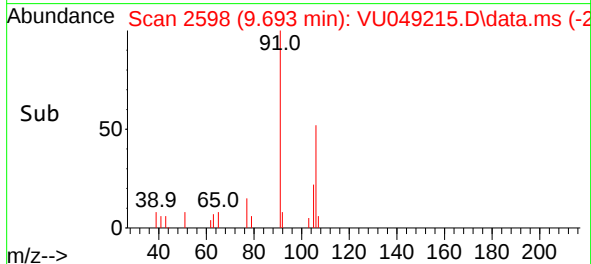
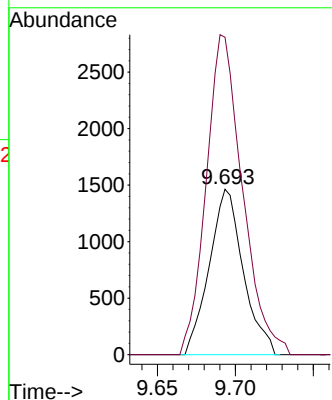
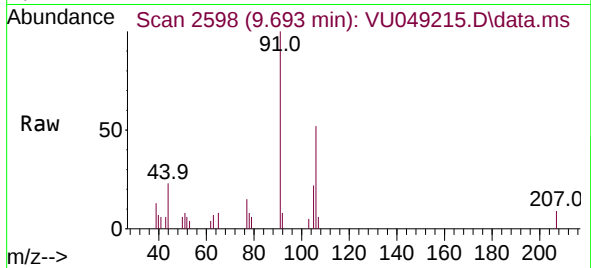




#53
m,p-Xylene
Concen: 0.152 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2220
Ion Ratio Lower Upper
106 100
91 191.8 148.5 275.7



#71
Naphthalene
Concen: 0.144 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU049215.D
Acq: 16 Jun 2022 19:34

Tgt Ion:128 Resp: 2841
Ion Ratio Lower Upper
128 100
129 8.3 9.0 13.6#
127 14.3 10.2 15.4

