

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049218.D
 Acq On : 16 Jun 2022 20:46
 Operator : SY/MD
 Sample : N3279-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 02:33:36 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	125006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35144	3.217	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.912	69	28753	3.888	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.800%	
11) 1,1-Dichloroethene-d2	2.568	65	14747	3.357	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.200%	
20) 2-Butanone-d5	4.639	46	167093	57.293	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.580%	
24) Chloroform-d	5.067	84	72993	4.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.703	65	42494	4.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.729	84	141187	4.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.690	67	51225	4.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.899	98	119599	3.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.182	79	19660	3.755	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.000%	
46) 2-Hexanone-d5	8.636	63	115066	54.477	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.960%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44996	4.768	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	48255	4.403	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	3971	0.339	ug/L	84
8) Chloroethane	1.938	64	3144	0.517	ug/L #	63
9) Trichlorofluoromethane	2.137	101	726	0.060	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	406	0.056	ug/L #	21
14) Carbon disulfide	2.793	76	18887	0.813	ug/L	100
34) Trichloroethene	6.546	95	4522	0.516	ug/L	97
35) Methylcyclohexane	6.694	83	11160	0.759	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	5373	0.570	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1392	0.097	ug/L #	65
42) Toluene	7.970	91	25659	0.705	ug/L	98
49) Dibromochloromethane	8.558	129	609	0.081	ug/L #	10
52) Ethylbenzene	9.574	91	3573	0.090	ug/L	84
53) m,p-Xylene	9.693	106	6975	0.472	ug/L	91
61) 1,2,3-Trichloropropane	11.816	75	7862	1.227	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.002	105	2767	0.081	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	4398	0.129	ug/L	99

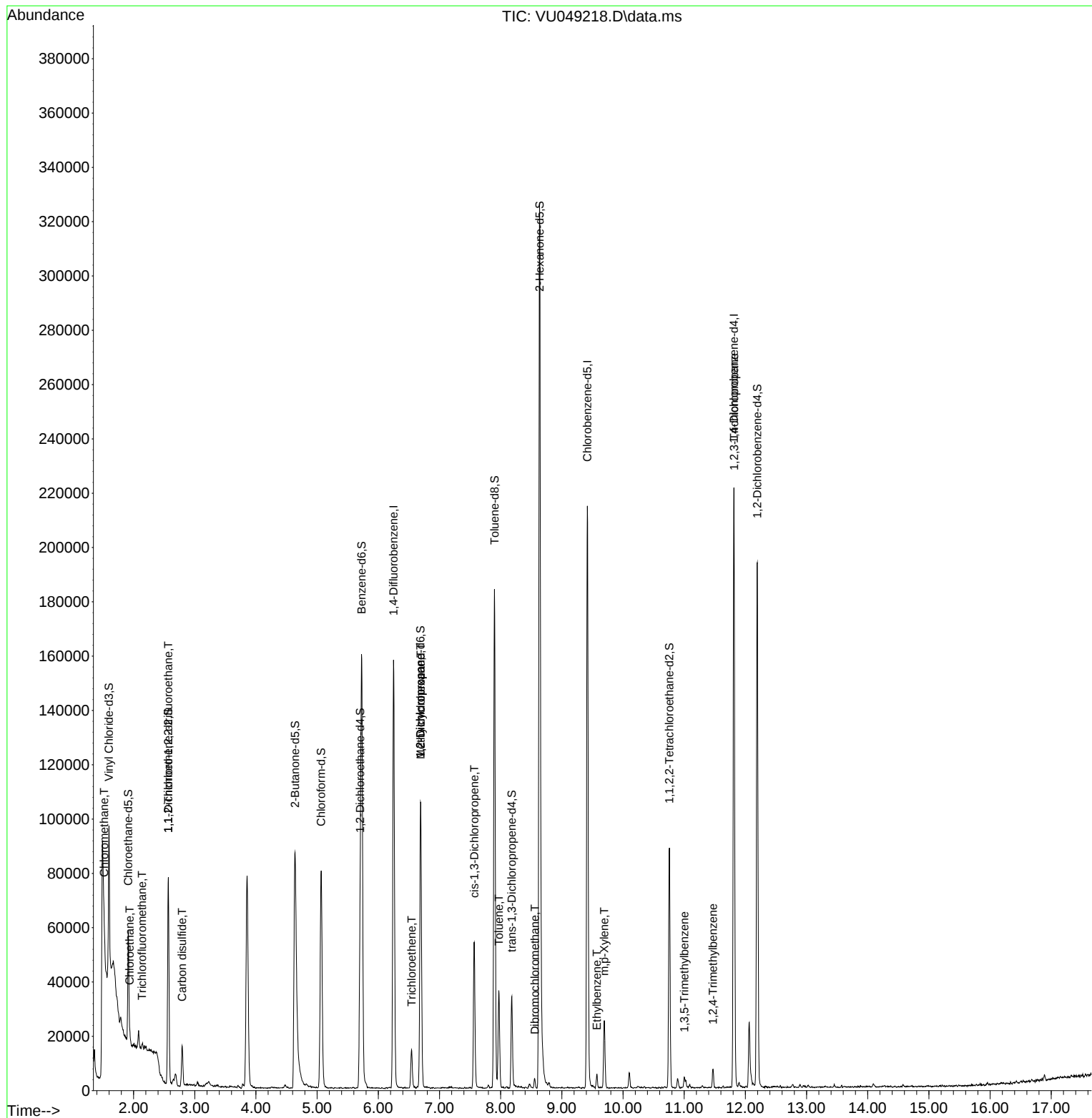
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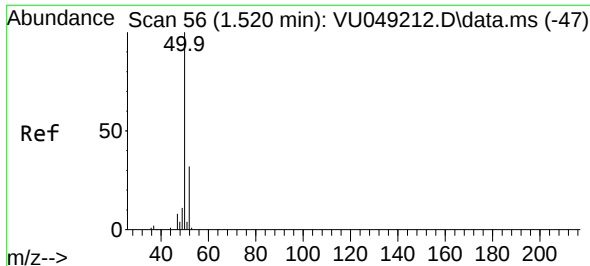
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
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ClientSampleId :

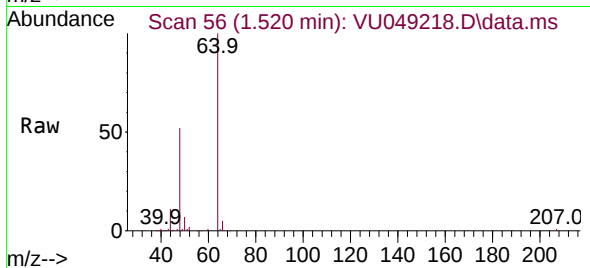
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 17 02:27:54 2022
Response via : Initial Calibration



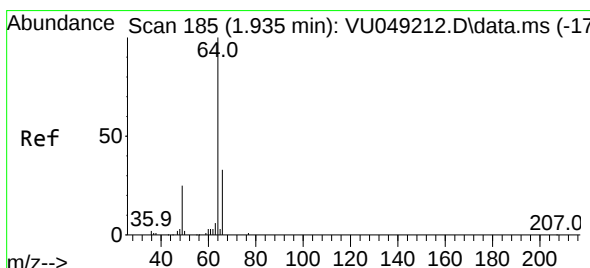
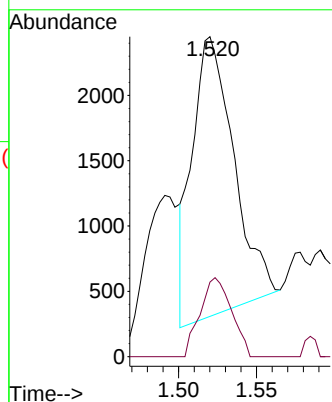
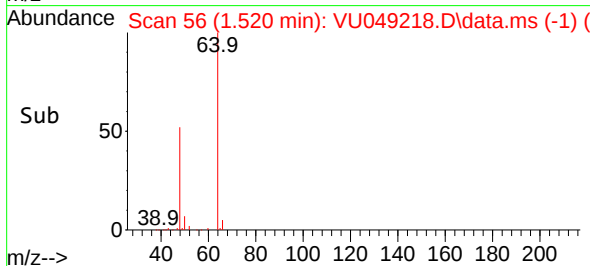


#3
Chloromethane
Concen: 0.339 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049218.D
Acq: 16 Jun 2022 20:46

Instrument :
MSVOA_U
ClientSampleId :

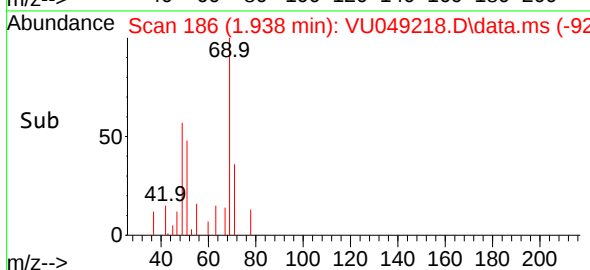
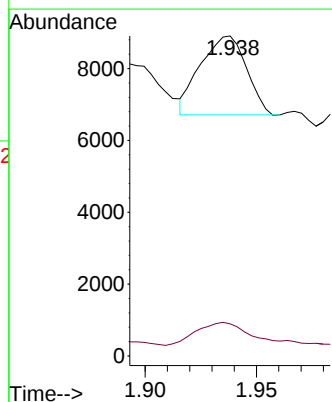
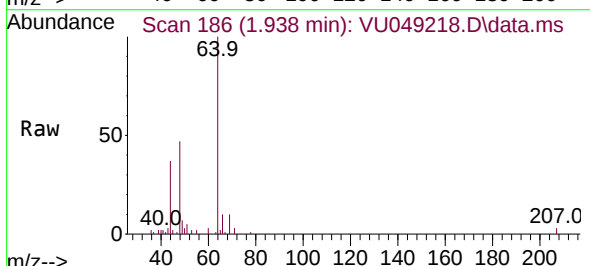


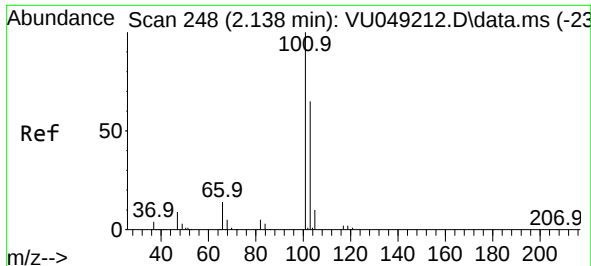
Tgt Ion: 50 Resp: 3971
Ion Ratio Lower Upper
50 100
52 23.3 22.7 42.1



#8
Chloroethane
Concen: 0.517 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.003 min
Lab File: VU049218.D
Acq: 16 Jun 2022 20:46

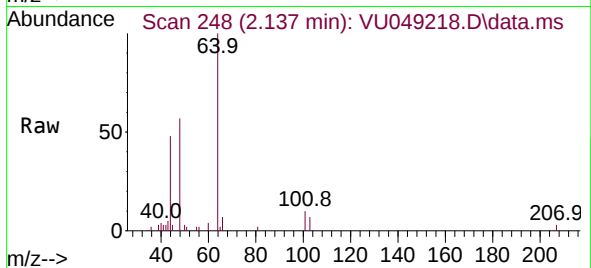
Tgt Ion: 64 Resp: 3144
Ion Ratio Lower Upper
64 100
66 10.1 20.9 38.9#



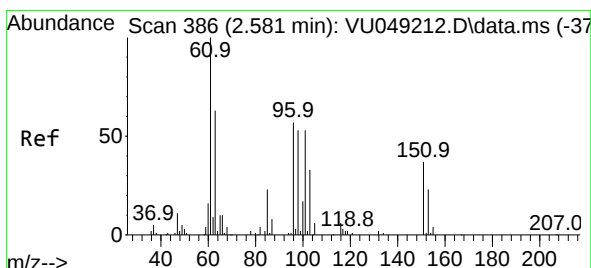
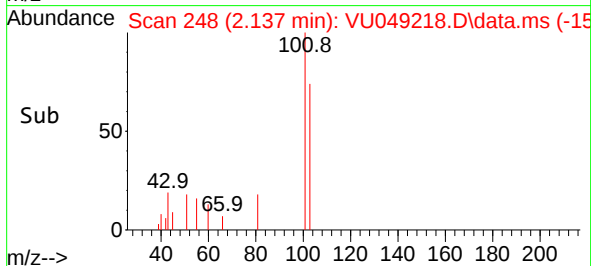
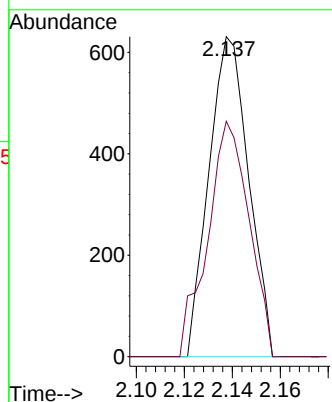


#9
 Trichlorofluoromethane
 Concen: 0.060 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VU049218.D
 Acq: 16 Jun 2022 20:46

Instrument :
 MSVOA_U
 ClientSampleId :

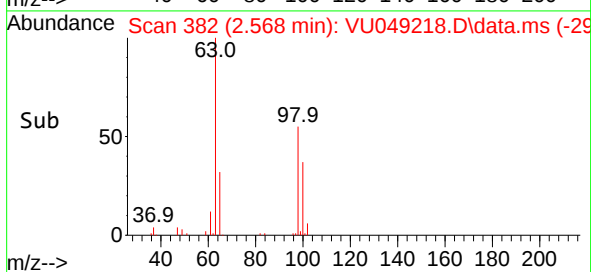
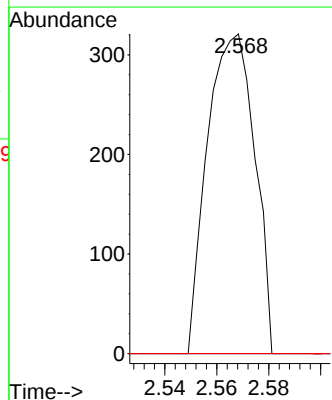
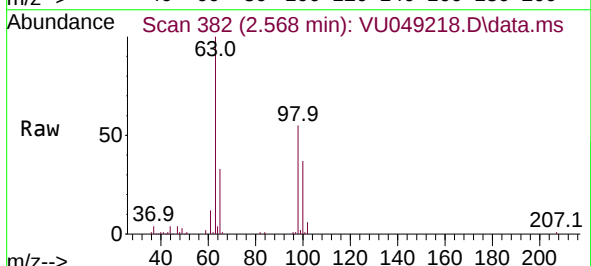


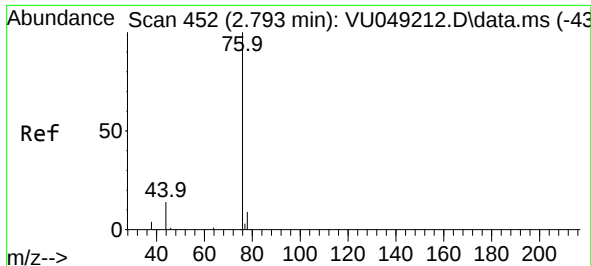
Tgt Ion:101 Resp: 726
 Ion Ratio Lower Upper
 101 100
 103 76.6 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.056 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049218.D
 Acq: 16 Jun 2022 20:46

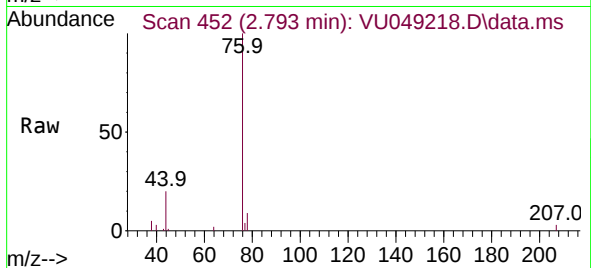
Tgt Ion:101 Resp: 406
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



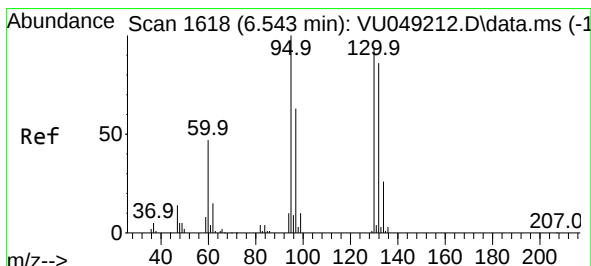
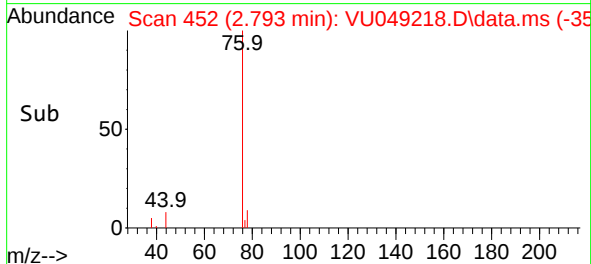
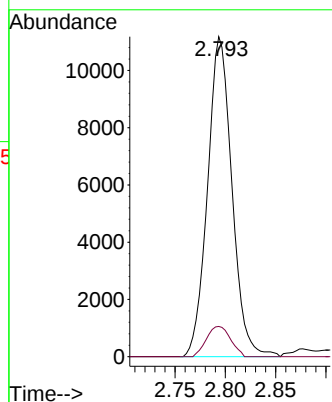


#14
Carbon disulfide
Concen: 0.813 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU049218.D
Acq: 16 Jun 2022 20:46

Instrument :
MSVOA_U
ClientSampleId :

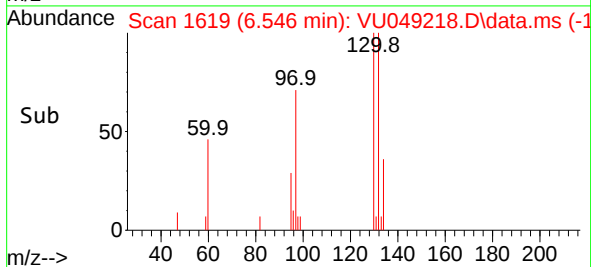
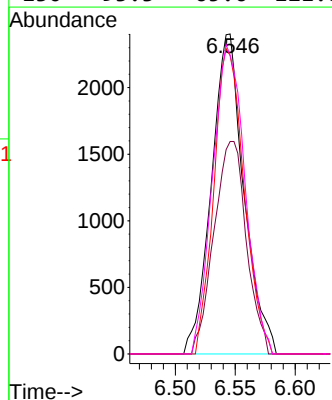
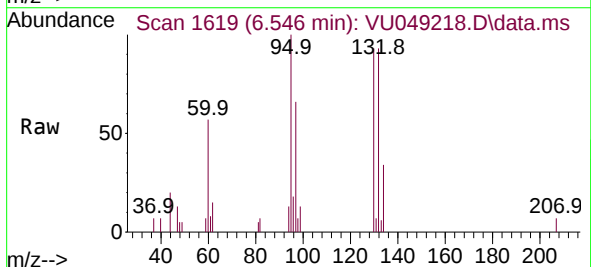


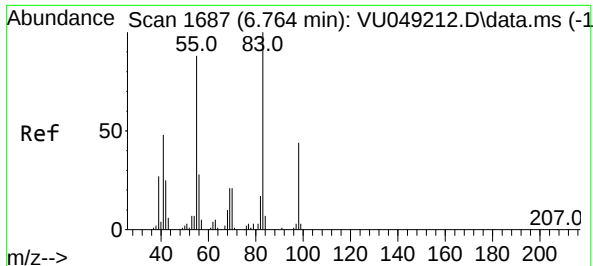
Tgt Ion: 76 Resp: 18887
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#34
Trichloroethene
Concen: 0.516 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU049218.D
Acq: 16 Jun 2022 20:46

Tgt Ion: 95 Resp: 4522
Ion Ratio Lower Upper
95 100
97 66.4 45.3 84.1
132 93.3 61.5 114.3
130 93.3 65.6 121.8





#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.071 min

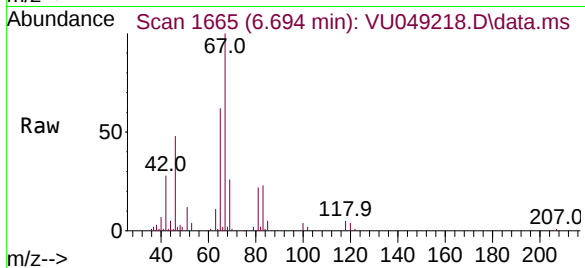
Lab File: VU049218.D

Acq: 16 Jun 2022 20:46

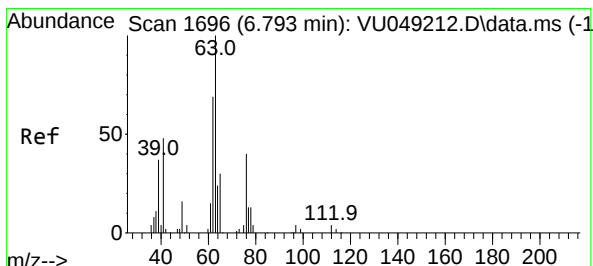
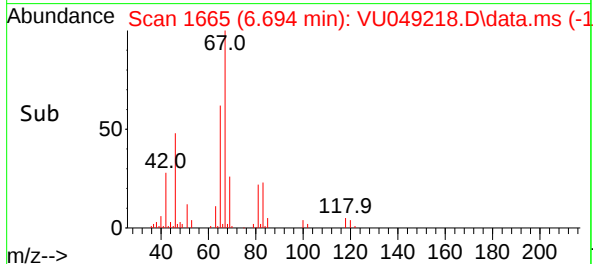
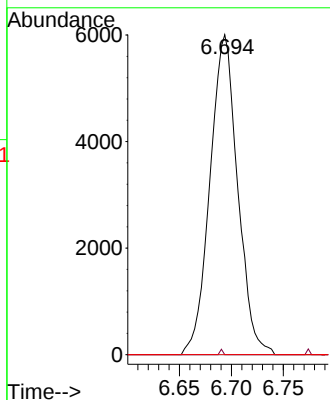
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	83	Resp:	11160
Ion	Ratio	Lower	Upper
83	100		
55	0.2	66.9	100.3#
98	3.1	35.5	53.3#



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

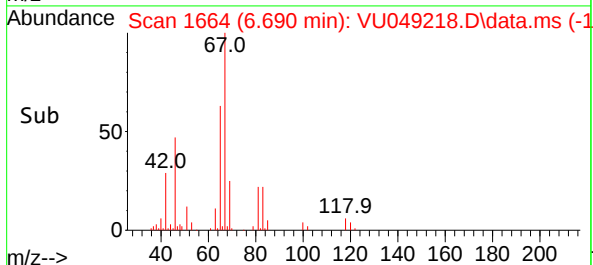
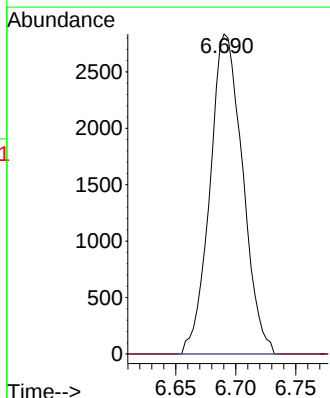
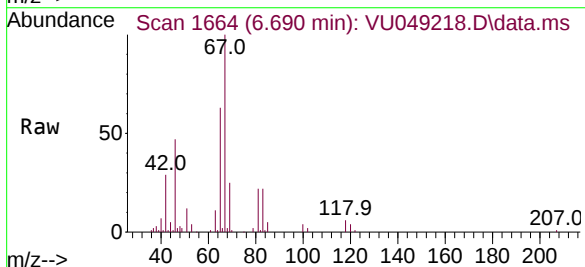
RT: 6.690 min Scan# 1664

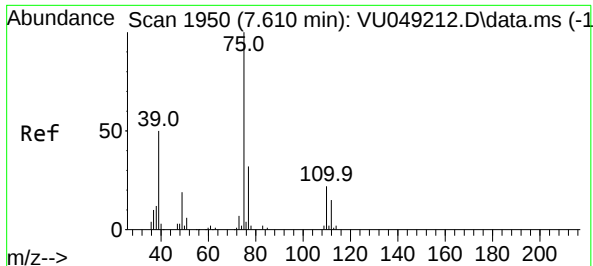
Delta R.T. -0.103 min

Lab File: VU049218.D

Acq: 16 Jun 2022 20:46

Tgt Ion:	63	Resp:	5373
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049218.D

Acq: 16 Jun 2022 20:46

Instrument :

MSVOA_U

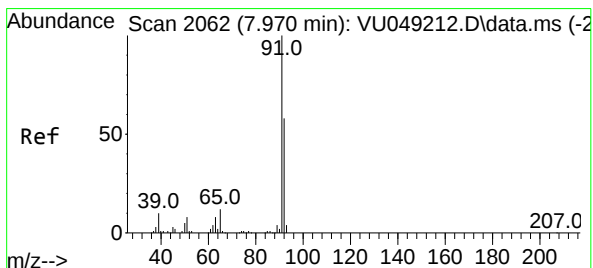
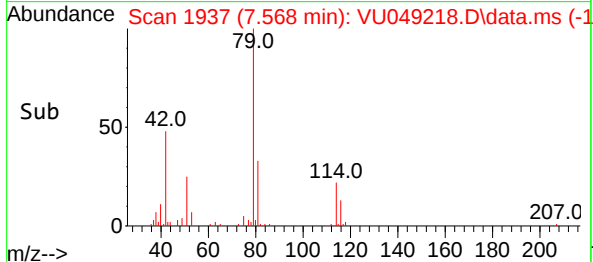
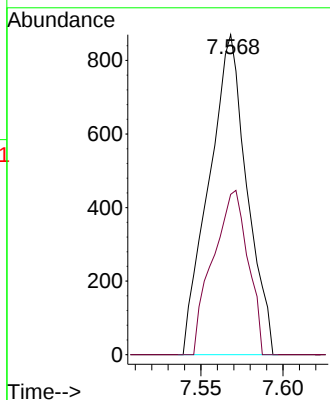
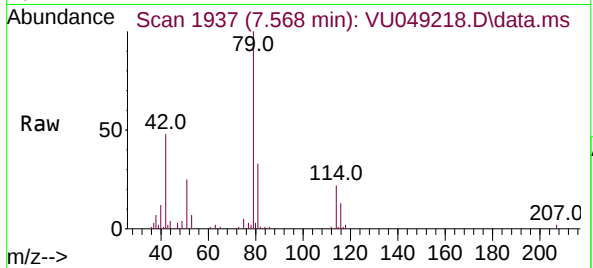
ClientSampleId :

Tgt Ion: 75 Resp: 1392

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.4#



#42

Toluene

Concen: 0.705 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049218.D

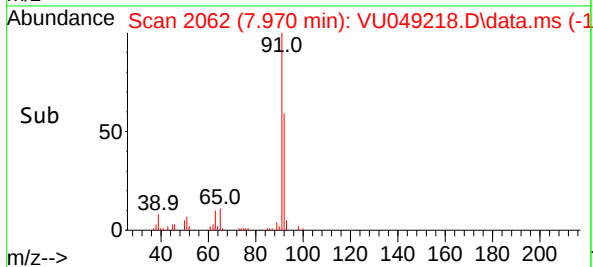
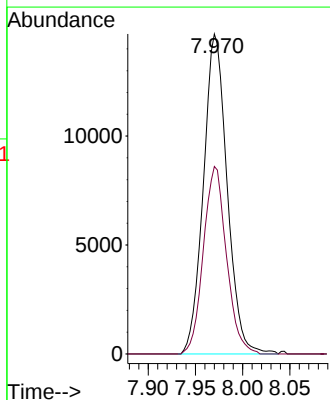
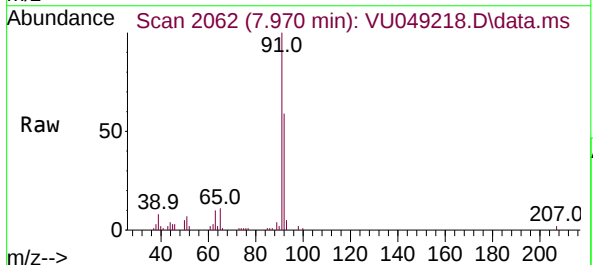
Acq: 16 Jun 2022 20:46

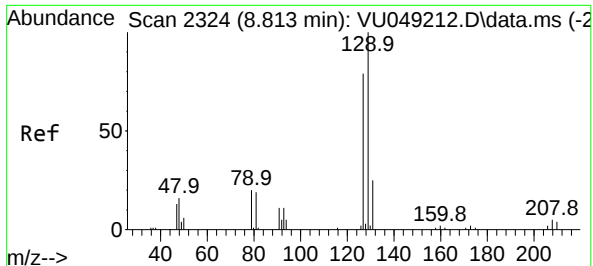
Tgt Ion: 91 Resp: 25659

Ion Ratio Lower Upper

91 100

92 58.6 40.0 74.2





#49

Dibromochloromethane

Concen: 0.081 ug/L

RT: 8.558 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049218.D

Acq: 16 Jun 2022 20:46

Instrument :

MSVOA_U

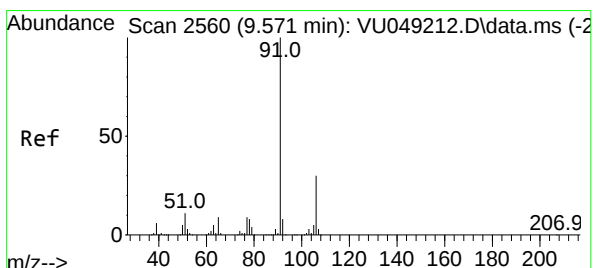
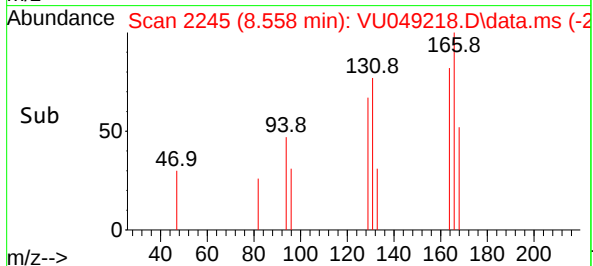
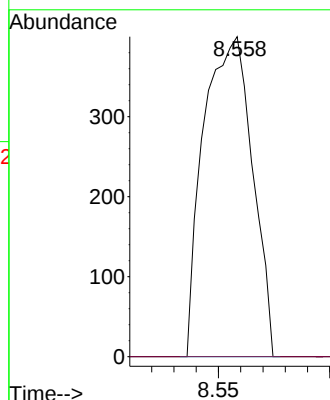
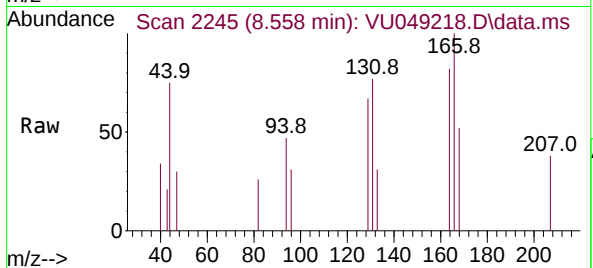
ClientSampleId :

Tgt Ion:129 Resp: 609

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#52

Ethylbenzene

Concen: 0.090 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU049218.D

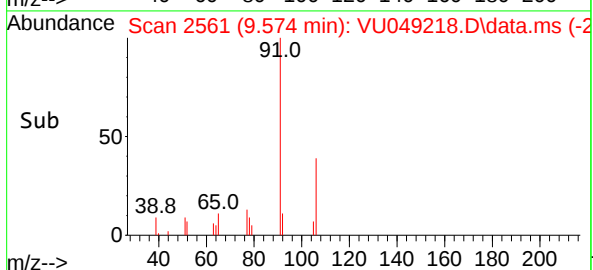
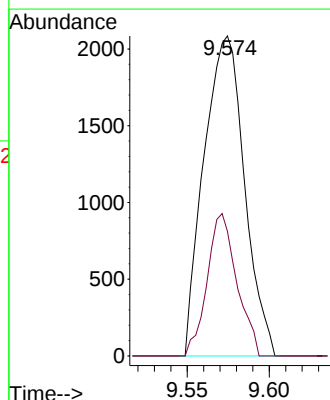
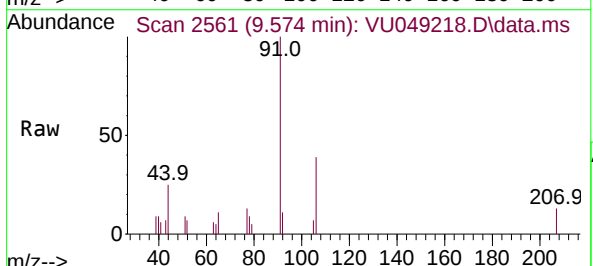
Acq: 16 Jun 2022 20:46

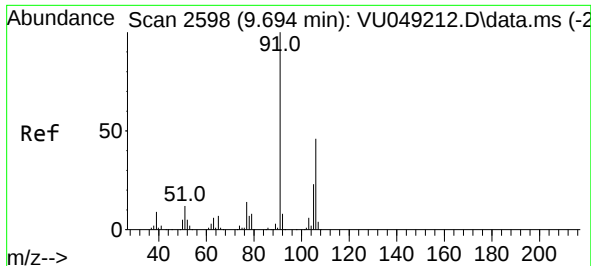
Tgt Ion: 91 Resp: 3573

Ion Ratio Lower Upper

91 100

106 39.0 21.2 39.4

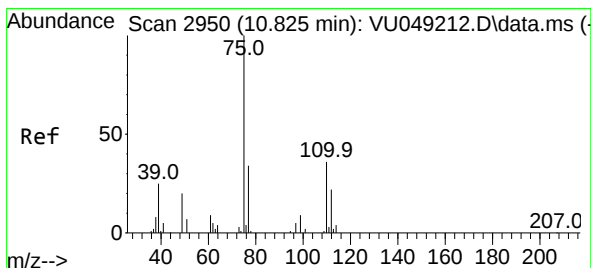
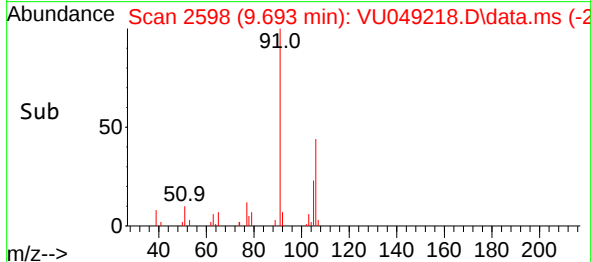
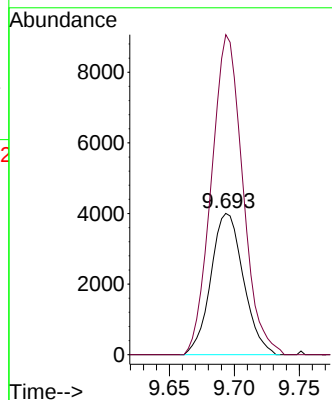
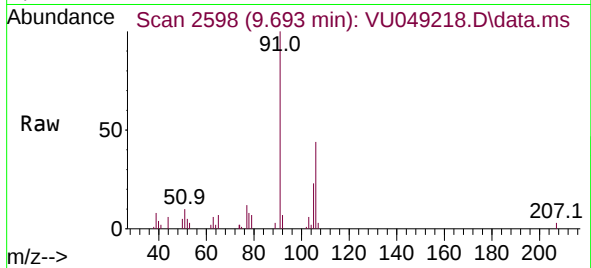




#53
m,p-Xylene
Concen: 0.472 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049218.D
Acq: 16 Jun 2022 20:46

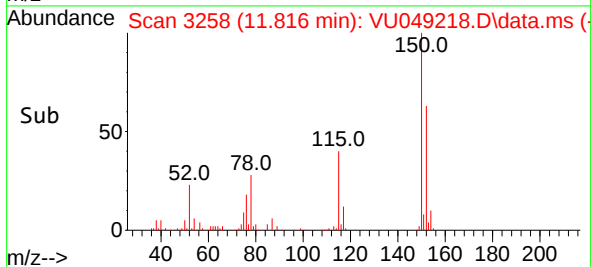
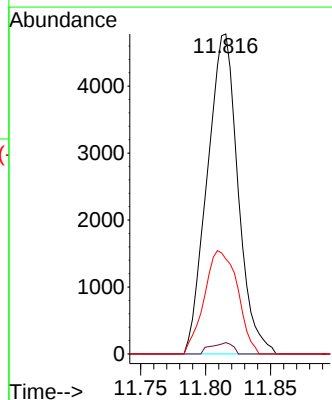
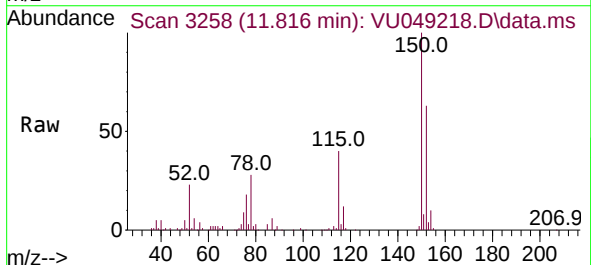
Instrument :
MSVOA_U
ClientSampleId :

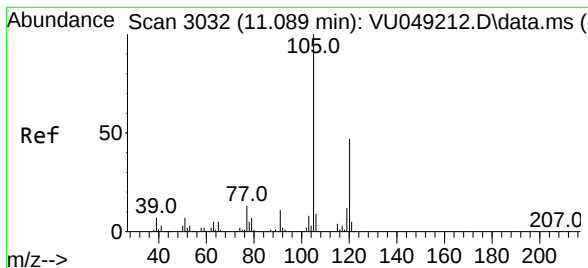
Tgt Ion:106 Resp: 6975
Ion Ratio Lower Upper
106 100
91 226.5 148.5 275.7



#61
1,2,3-Trichloropropane
Concen: 1.227 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU049218.D
Acq: 16 Jun 2022 20:46

Tgt Ion: 75 Resp: 7862
Ion Ratio Lower Upper
75 100
110 2.5 29.0 43.4#
77 34.9 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 0.081 ug/L

RT: 11.002 min Scan# 3032

Delta R.T. -0.087 min

Lab File: VU049218.D

Acq: 16 Jun 2022 20:46

Instrument :

MSVOA_U

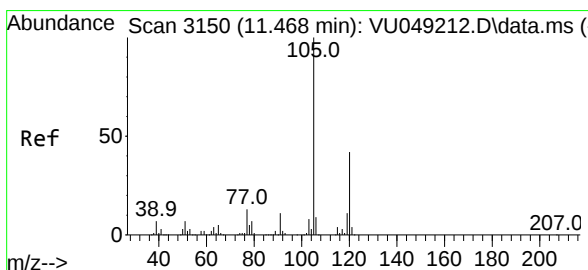
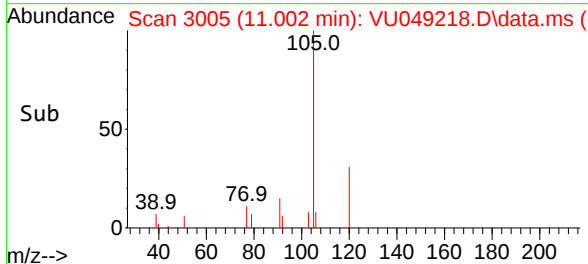
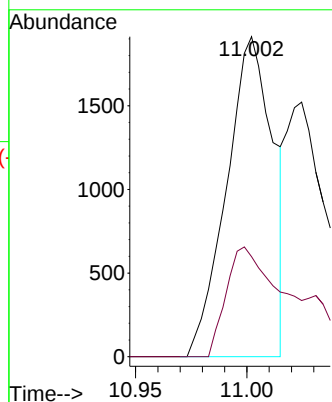
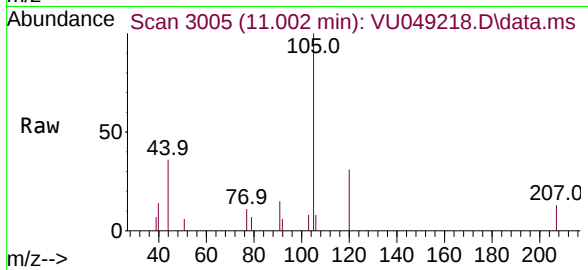
ClientSampleId :

Tgt Ion:105 Resp: 2767

Ion Ratio Lower Upper

105 100

120 49.4 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 0.129 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU049218.D

Acq: 16 Jun 2022 20:46

Tgt Ion:105 Resp: 4398

Ion Ratio Lower Upper

105 100

120 42.8 34.6 52.0

