

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049241.D
 Acq On : 17 Jun 2022 13:06
 Operator : SY/MD
 Sample : N3288-12 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:12:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.285	114	133768	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.427	117	127055	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	62624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	49583	4.242	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.916	69	34272	4.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.572	65	20025	4.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.713	46	134139	42.981	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.960%
24) Chloroform-d	5.063	84	70349	3.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	5.716	65	45185	4.492	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.729	84	160413	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.726	67	55003	4.234	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.915	98	145971	4.235	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.195	79	21293	3.689	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.658	63	105034	45.115	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	45775	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	52754	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	29699	2.641	ug/L	96
8) Chloroethane	1.935	64	3827	0.588	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	441	0.057	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1453	0.193	ug/L #	1
13) Acetone	2.726	43	14112	9.136	ug/L	70
14) Carbon disulfide	2.793	76	4213	0.170	ug/L #	90
15) Methyl Acetate	2.726	43	13117	3.175	ug/L #	54
18) trans-1,2-Dichloroethene	3.356	96	1592	0.191	ug/L	94
19) 1,1-Dichloroethane	3.870	63	92458	5.627	ug/L	98
21) 2-Butanone	4.790	43	25027	8.497	ug/L #	75
22) cis-1,2-Dichloroethene	4.668	96	38112	4.089	ug/L	93
34) Trichloroethene	6.571	95	1865	0.193	ug/L	95
35) Methylcyclohexane	6.726	83	12355	0.762	ug/L #	17
37) 1,2-Dichloropropane	6.722	63	6114	0.589	ug/L #	89
39) cis-1,3-Dichloropropene	7.587	75	1462	0.093	ug/L #	29
61) 1,2,3-Trichloropropane	11.816	75	8905	1.267	ug/L #	69

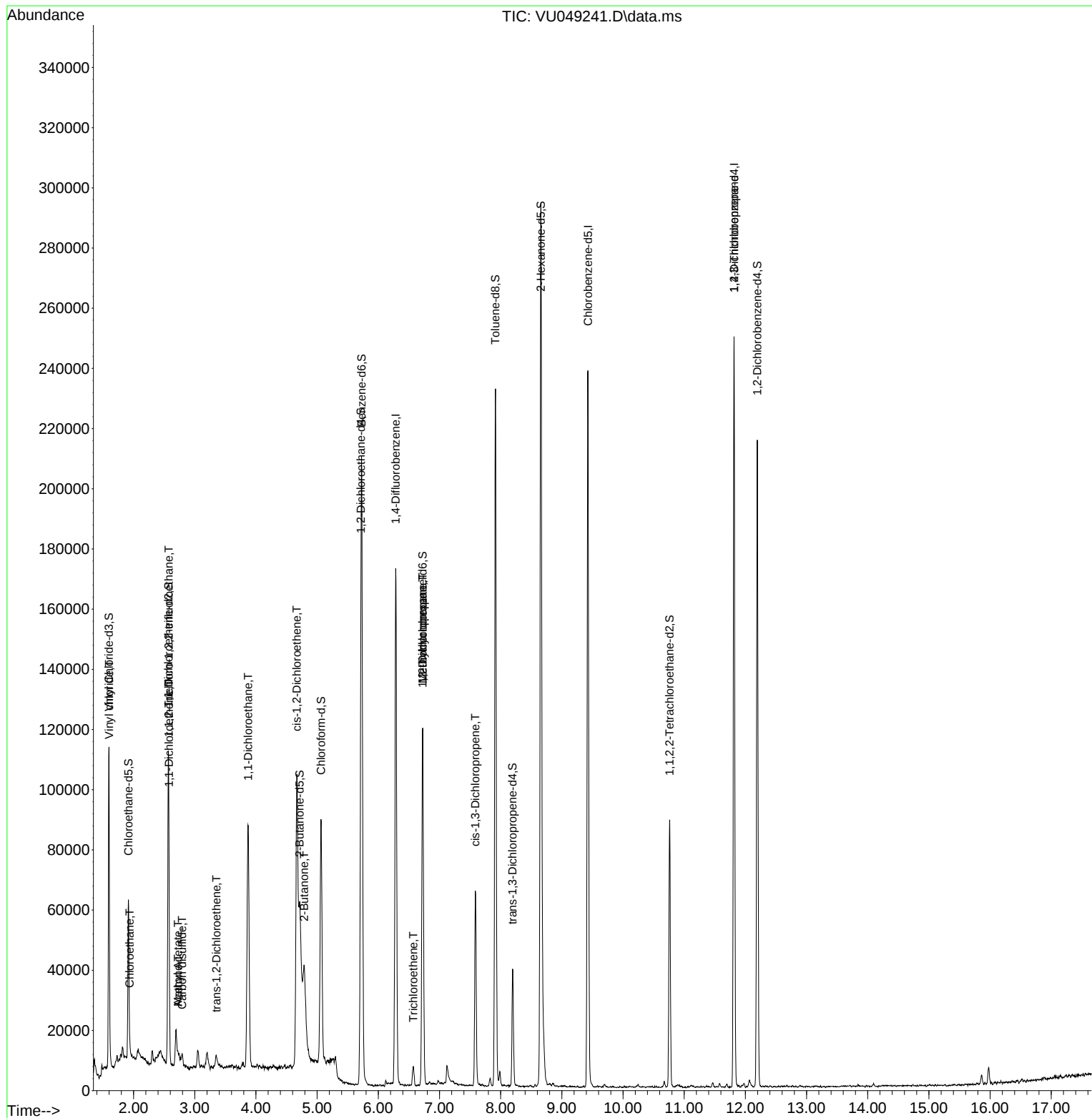
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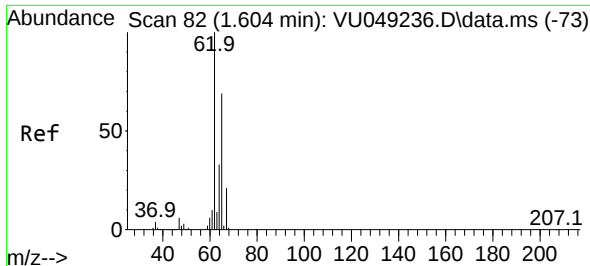
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
Data File : VU049241.D
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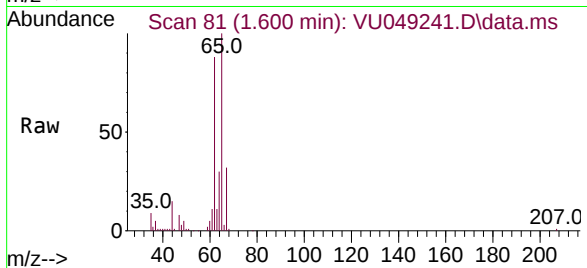
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 04:11:00 2022
Response via : Initial Calibration



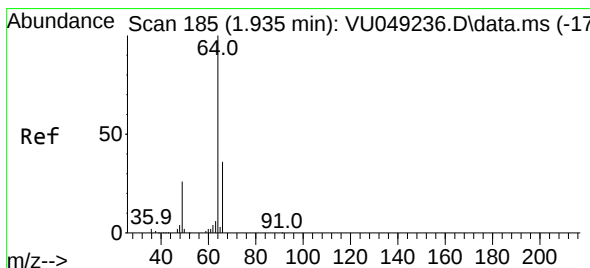
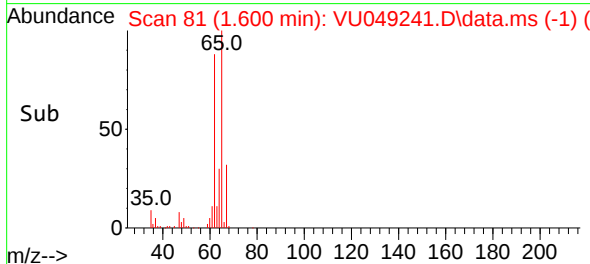
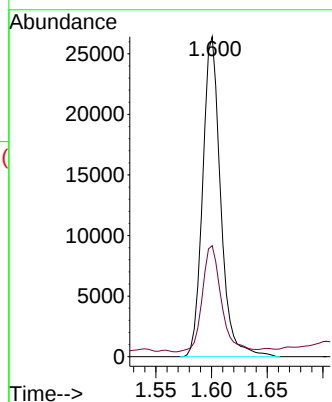


#5
 Vinyl chloride
 Concen: 2.641 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049241.D
 Acq: 17 Jun 2022 13:06

Instrument :
 MSVOA_U
 ClientSampleId :

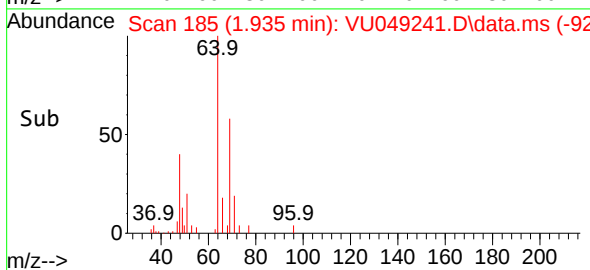
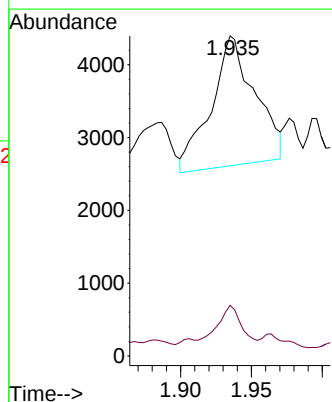
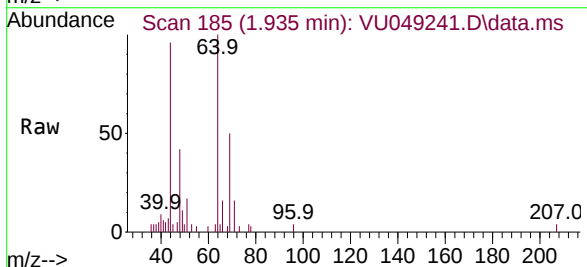


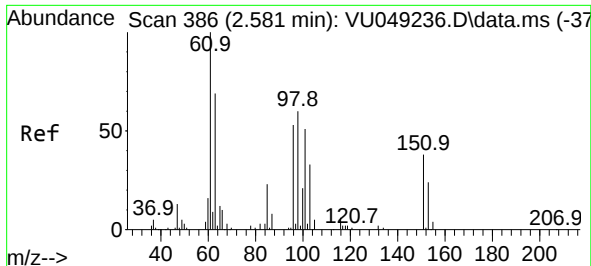
Tgt Ion: 62 Resp: 29699
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.8 42.4



#8
 Chloroethane
 Concen: 0.588 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU049241.D
 Acq: 17 Jun 2022 13:06

Tgt Ion: 64 Resp: 3827
 Ion Ratio Lower Upper
 64 100
 66 15.8 20.9 38.9#

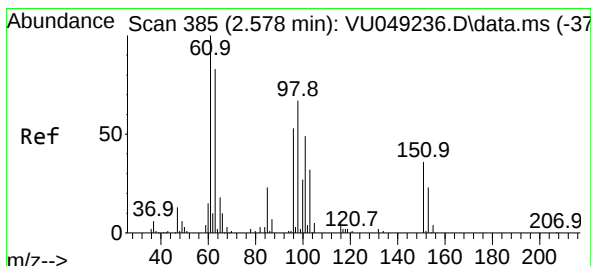
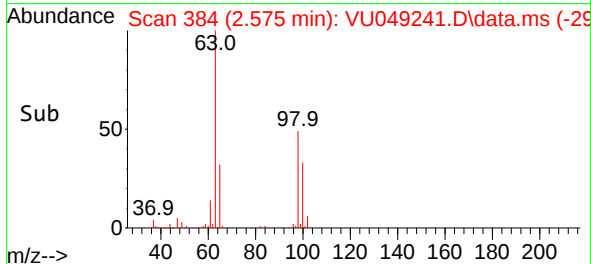
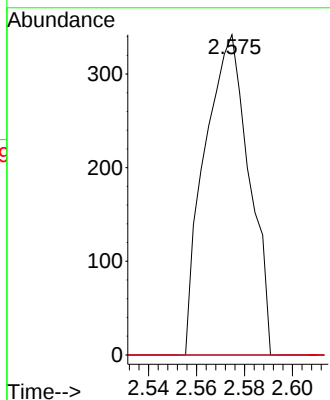
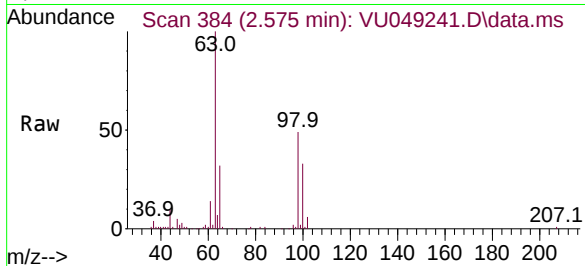




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.057 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.006 min
 Lab File: VU049241.D
 Acq: 17 Jun 2022 13:06

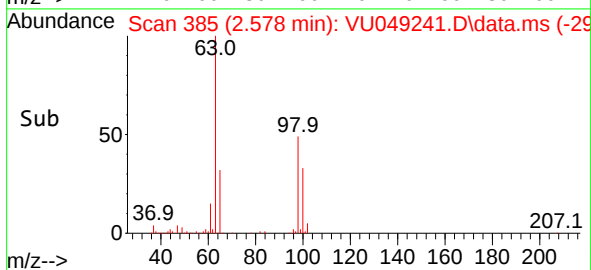
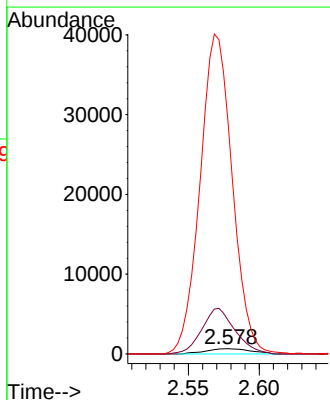
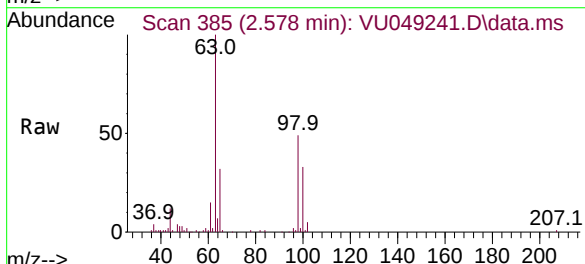
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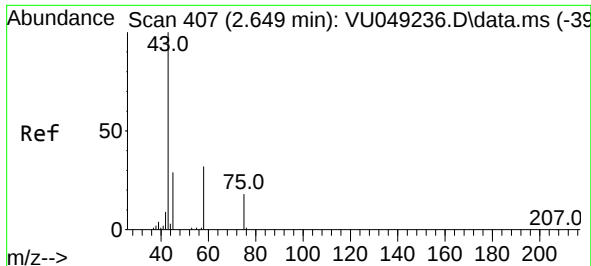
Tgt Ion:101 Resp: 441
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.193 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049241.D
 Acq: 17 Jun 2022 13:06

Tgt Ion: 96 Resp: 1453
 Ion Ratio Lower Upper
 96 100
 61 646.4 127.2 236.2#
 63 4433.7 94.7 175.9#





#13

Acetone

Concen: 9.136 ug/L

RT: 2.726 min Scan# 41

Delta R.T. 0.077 min

Lab File: VU049241.D

Acq: 17 Jun 2022 13:06

Instrument :

MSVOA_U

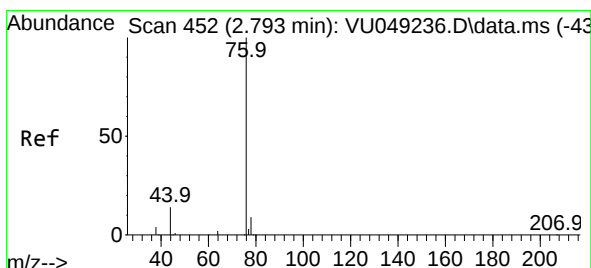
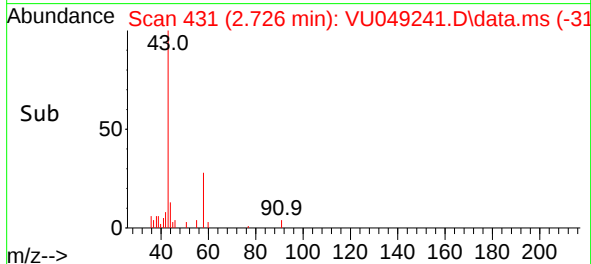
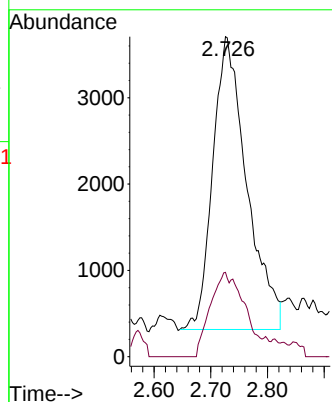
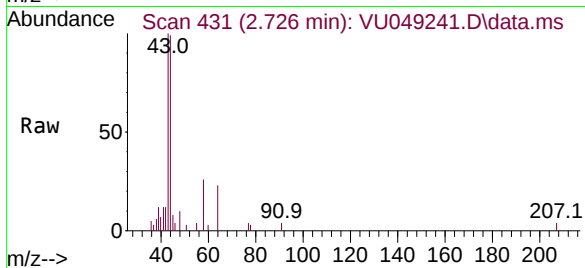
ClientSampleId :

Tgt Ion: 43 Resp: 14112

Ion Ratio Lower Upper

43 100

58 15.8 0.0 65.8



#14

Carbon disulfide

Concen: 0.170 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU049241.D

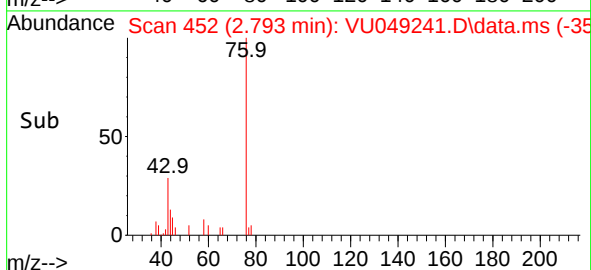
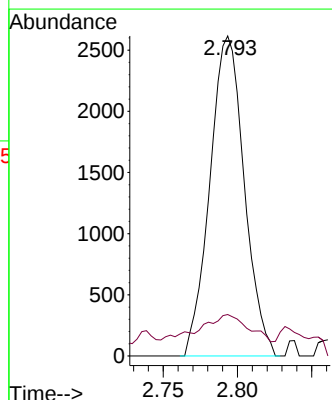
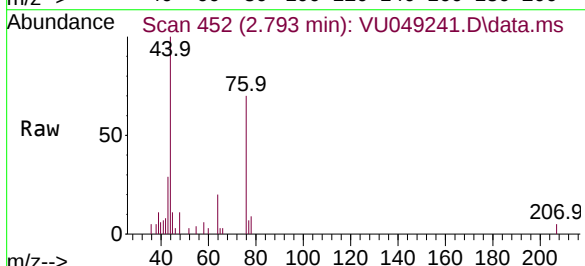
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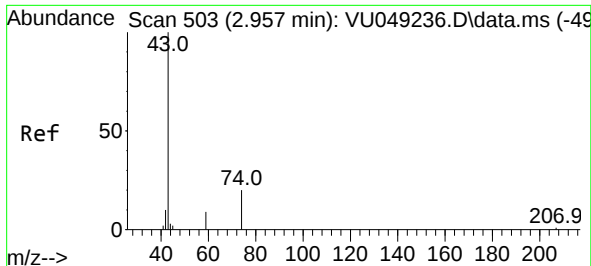
Tgt Ion: 76 Resp: 4213

Ion Ratio Lower Upper

76 100

78 13.0 7.5 11.3#

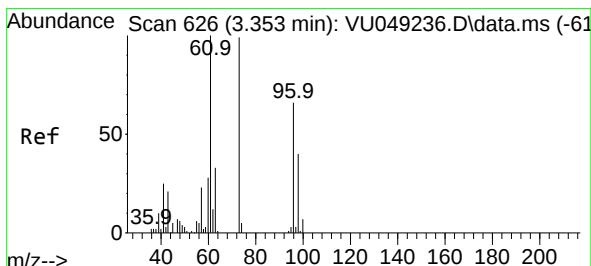
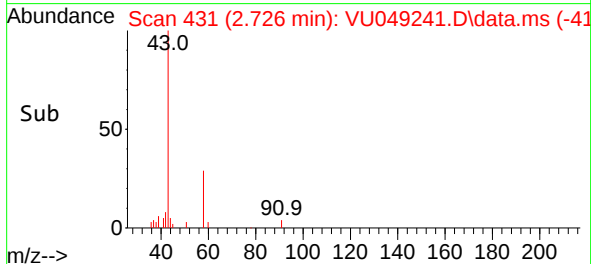
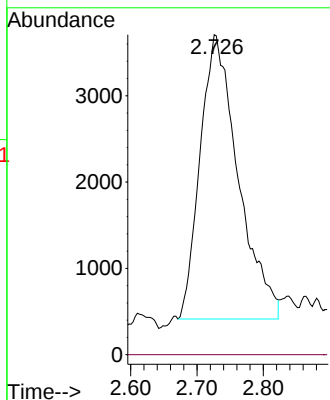
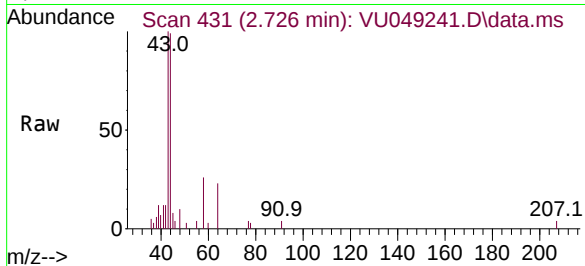




#15
Methyl Acetate
Concen: 3.175 ug/L
RT: 2.726 min Scan# 41
Delta R.T. -0.232 min
Lab File: VU049241.D
Acq: 17 Jun 2022 13:06

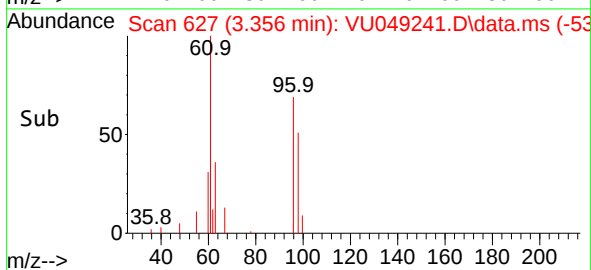
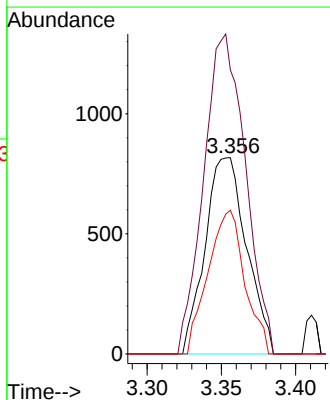
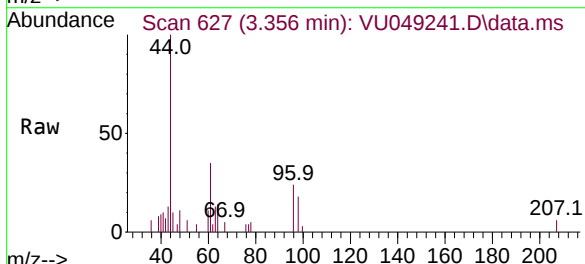
Instrument :
MSVOA_U
ClientSampleId :

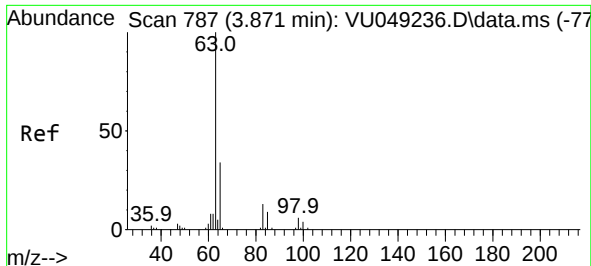
Tgt Ion: 43 Resp: 13117
Ion Ratio Lower Upper
43 100
74 0.2 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU049241.D
Acq: 17 Jun 2022 13:06

Tgt Ion: 96 Resp: 1592
Ion Ratio Lower Upper
96 100
61 144.7 103.3 191.9
98 73.2 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.627 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU049241.D

Acq: 17 Jun 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

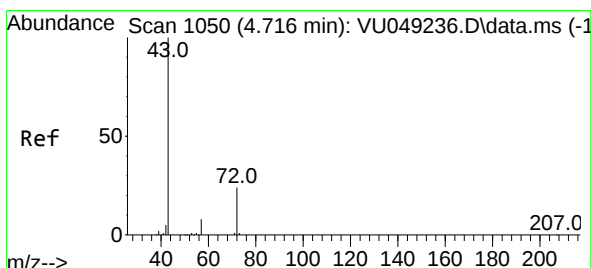
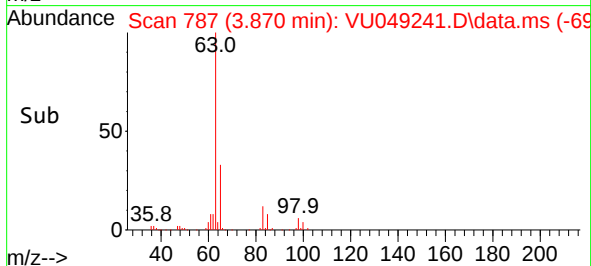
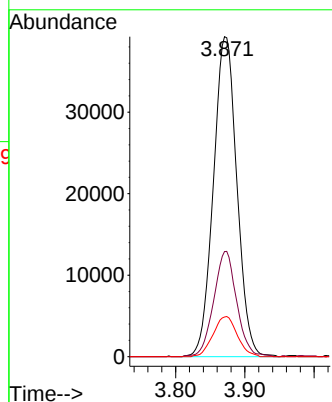
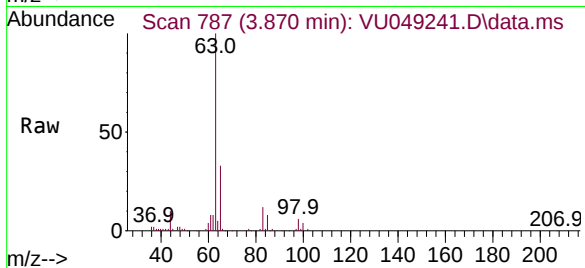
Tgt Ion: 63 Resp: 92458

Ion Ratio Lower Upper

63 100

65 32.8 24.0 44.6

83 12.4 9.1 16.9



#21

2-Butanone

Concen: 8.497 ug/L

RT: 4.790 min Scan# 1073

Delta R.T. 0.074 min

Lab File: VU049241.D

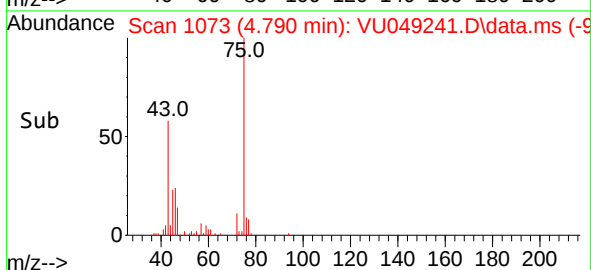
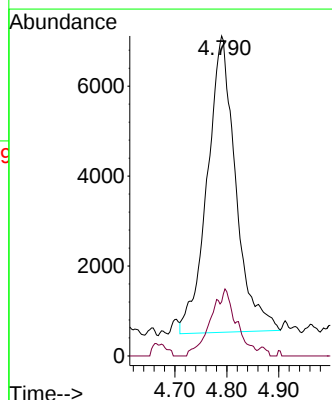
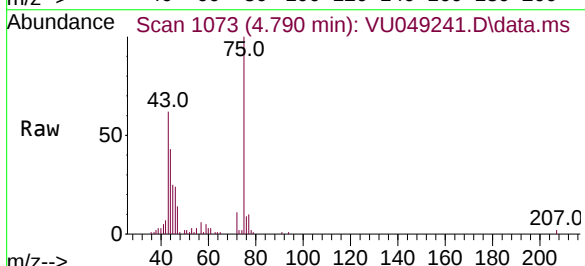
Acq: 17 Jun 2022 13:06

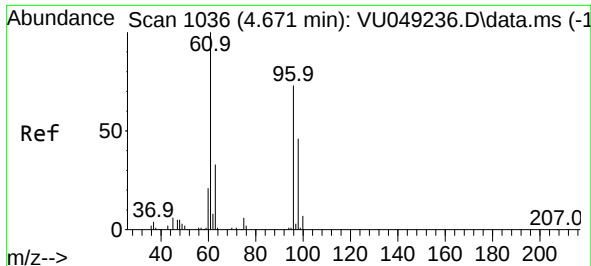
Tgt Ion: 43 Resp: 25027

Ion Ratio Lower Upper

43 100

72 11.8 12.2 36.6#





#22

cis-1,2-Dichloroethene

Concen: 4.089 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU049241.D

Acq: 17 Jun 2022 13:06

Instrument :

MSVOA_U

ClientSampleId :

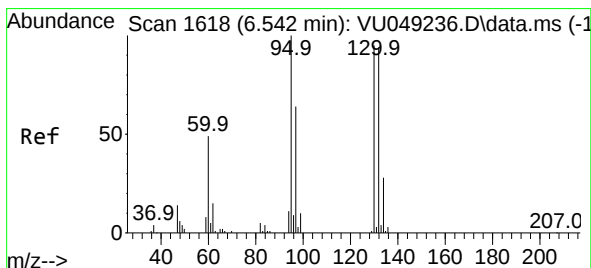
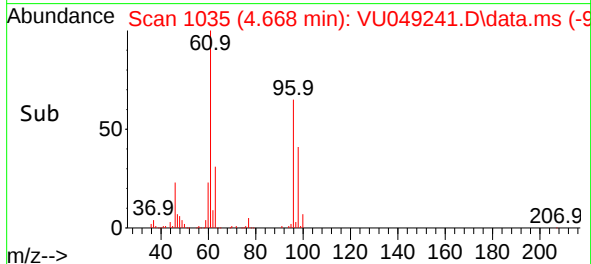
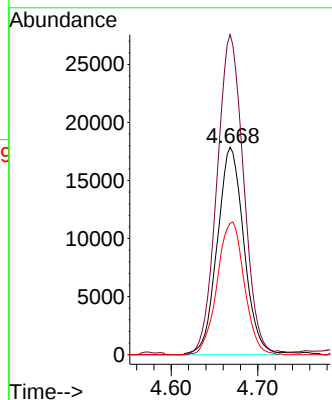
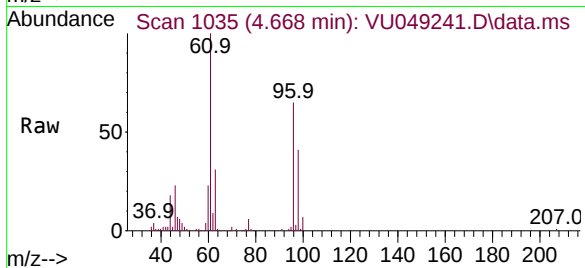
Tgt Ion: 96 Resp: 38112

Ion Ratio Lower Upper

96 100

61 154.3 99.5 184.9

98 63.4 44.8 83.2



#34

Trichloroethene

Concen: 0.193 ug/L

RT: 6.571 min Scan# 1627

Delta R.T. 0.029 min

Lab File: VU049241.D

Acq: 17 Jun 2022 13:06

Tgt Ion: 95 Resp: 1865

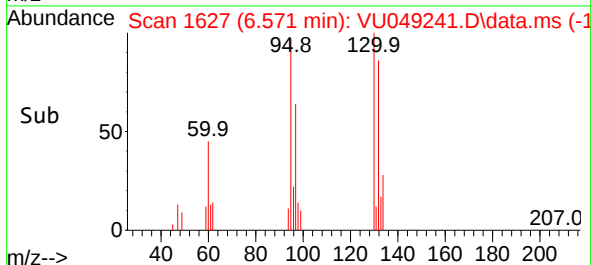
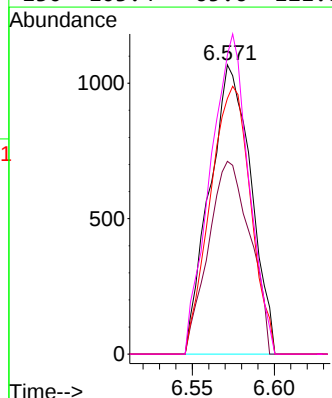
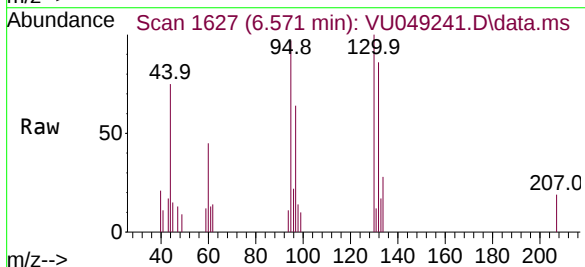
Ion Ratio Lower Upper

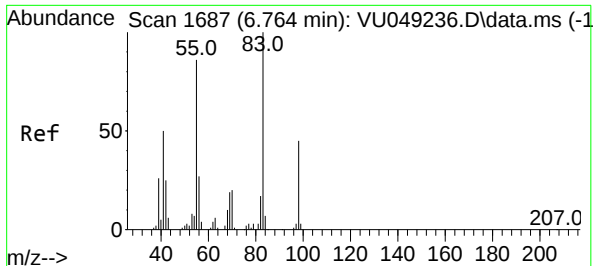
95 100

97 66.7 45.3 84.1

132 88.4 61.5 114.3

130 103.4 65.6 121.8

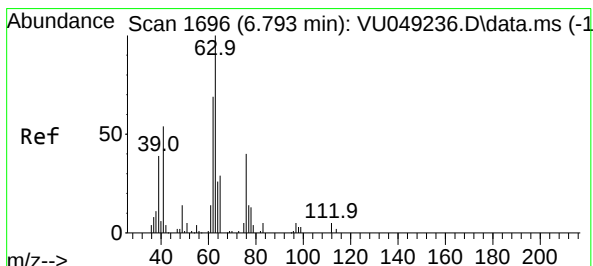
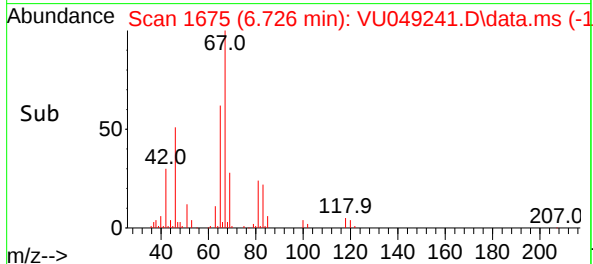
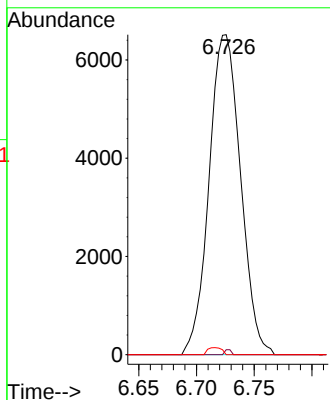
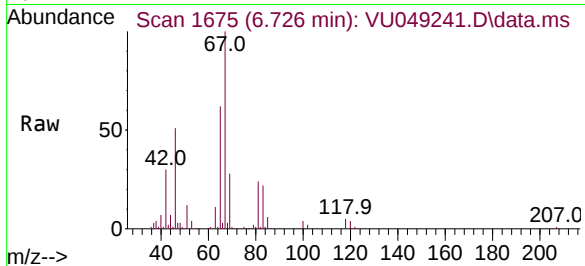




#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.726 min Scan# 1675
Delta R.T. -0.039 min
Lab File: VU049241.D
Acq: 17 Jun 2022 13:06

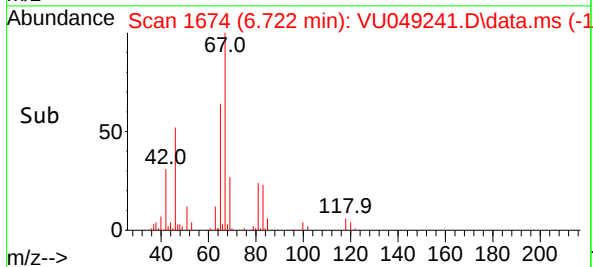
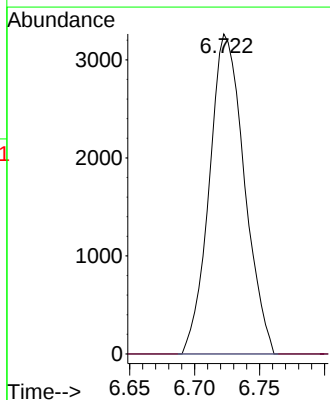
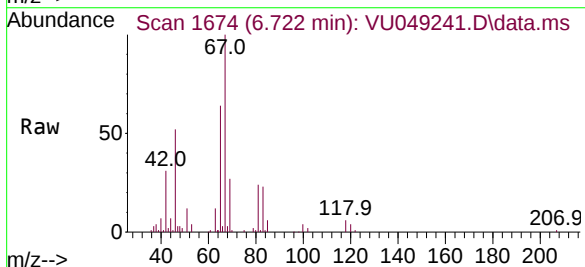
Instrument :
MSVOA_U
ClientSampleId :

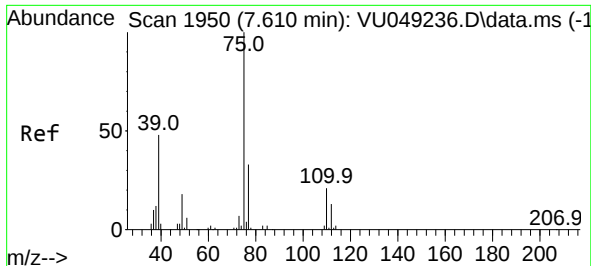
Tgt Ion: 83 Resp: 12355
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 1.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.722 min Scan# 1674
Delta R.T. -0.071 min
Lab File: VU049241.D
Acq: 17 Jun 2022 13:06

Tgt Ion: 63 Resp: 6114
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.587 min Scan# 1462

Delta R.T. -0.023 min

Lab File: VU049241.D

Acq: 17 Jun 2022 13:06

Instrument :

MSVOA_U

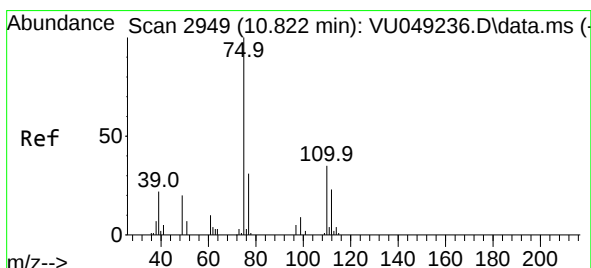
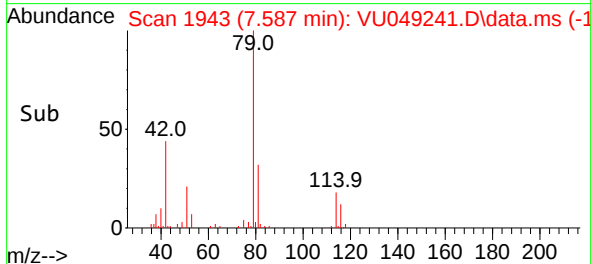
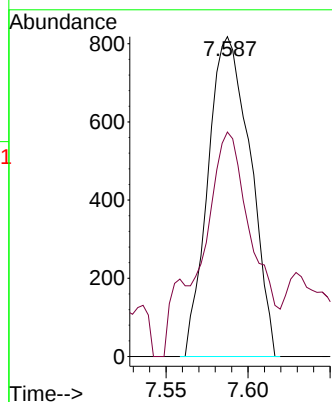
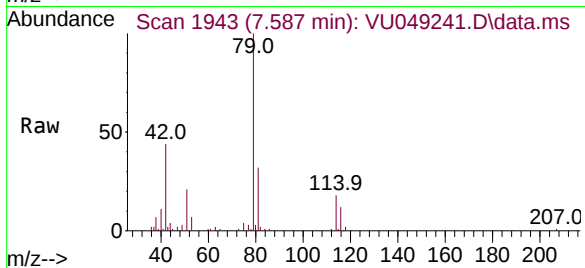
ClientSampleId :

Tgt Ion: 75 Resp: 1462

Ion Ratio Lower Upper

75 100

77 70.2 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.267 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.993 min

Lab File: VU049241.D

Acq: 17 Jun 2022 13:06

Tgt Ion: 75 Resp: 8905

Ion Ratio Lower Upper

75 100

110 2.4 29.0 43.4#

77 31.1 26.2 39.2

