

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049287.D
 Acq On : 18 Jun 2022 17:35
 Operator : SY/MD
 Sample : N3395-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0150

Quant Time: Jun 20 00:14:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

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

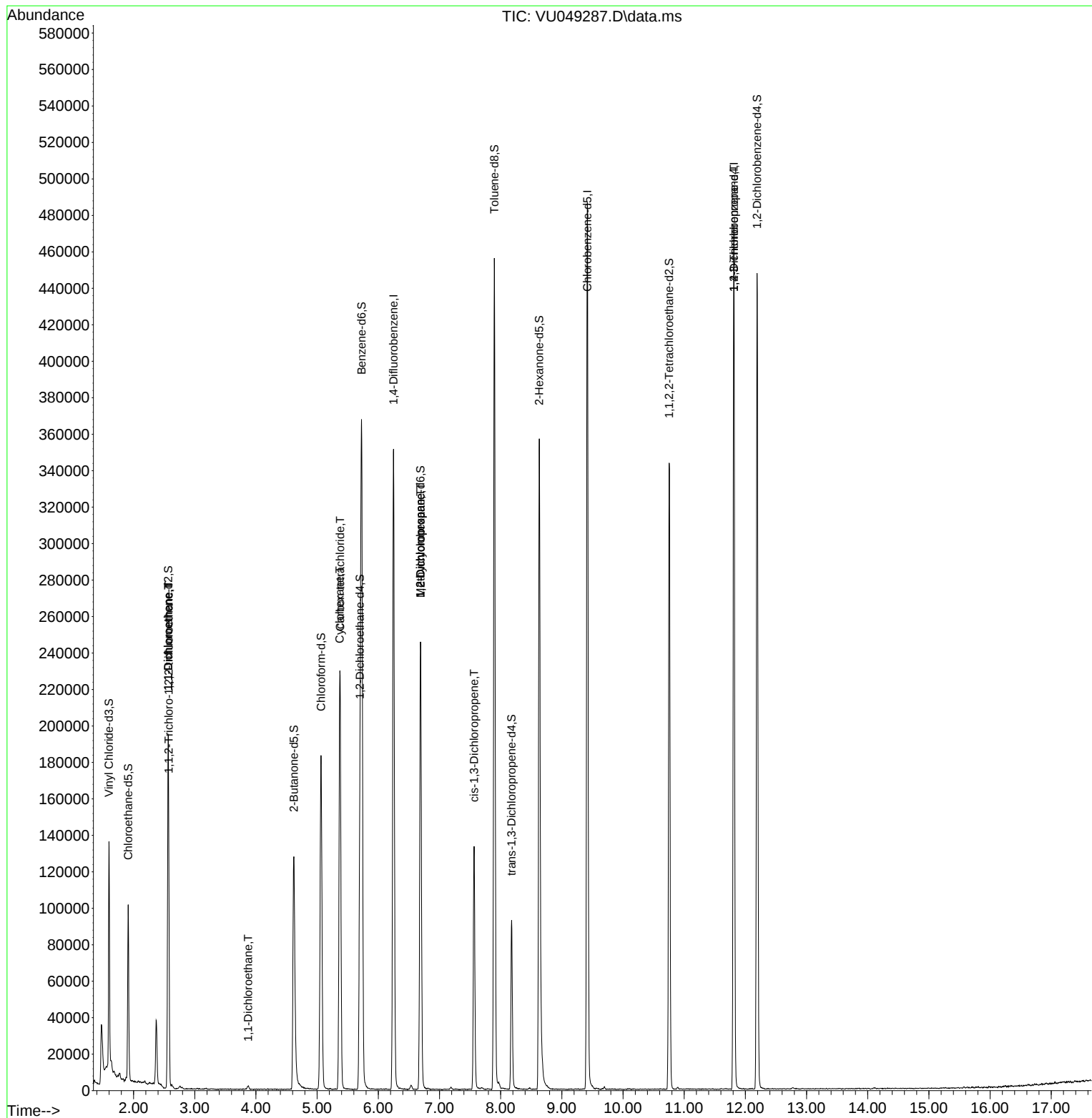
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	279203	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263317	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	119286	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87016	50.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.180%
7) Chloroethane-d5	1.912	69	68246	54.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.080%
11) 1,1-Dichloroethene-d2	2.565	63	118620	36.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.100%
21) 2-Butanone-d5	4.620	46	190183	100.849	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.850%
24) Chloroform-d	5.063	84	168930	46.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
26) 1,2-Dichloroethane-d4	5.700	65	111911	47.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	5.726	84	333630	51.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.690	67	118316	53.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.800%
41) Toluene-d8	7.896	98	294368	51.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.240%
43) trans-1,3-Dichloroprop...	8.179	79	50666	49.064	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.120%
47) 2-Hexanone-d5	8.629	63	121570	105.822	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.820%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	174009	47.464	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.920%
66) 1,2-Dichlorobenzene-d4	12.192	152	114477	55.156	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.320%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1631	0.829	ug/L #	30
12) 1,1-Dichloroethene	2.565	96	838	0.487	ug/L #	1
19) 1,1-Dichloroethane	3.871	63	2683	0.658	ug/L	94
29) Cyclohexane	5.369	56	3898	1.323	ug/L #	37
31) Carbon tetrachloride	5.375	117	16436	5.118	ug/L #	8
35) Methylcyclohexane	6.690	83	26539	8.842	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	12630	5.250	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3453	0.975	ug/L #	63
60) 1,2,3-Trichloropropane	11.812	75	16455	5.438	ug/L #	68

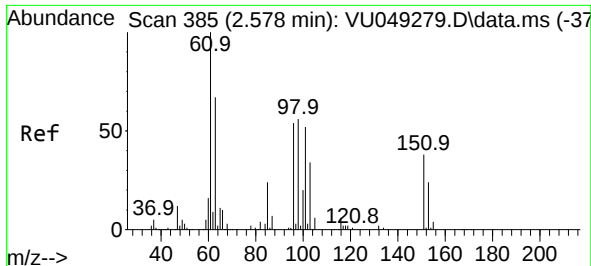
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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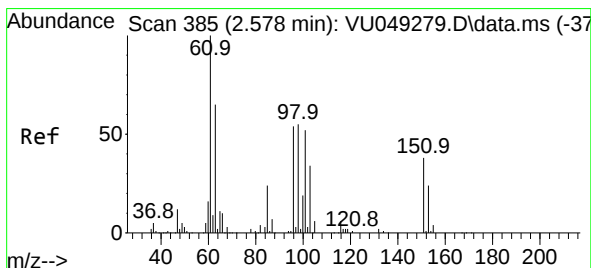
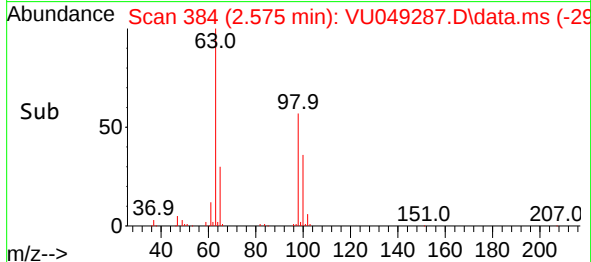
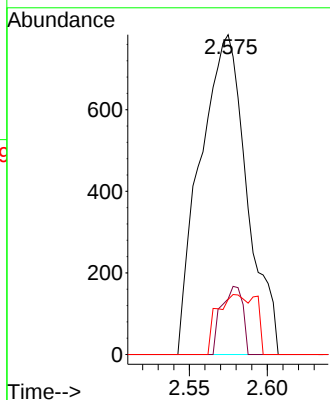
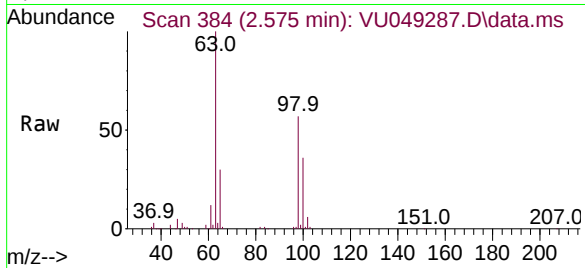




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.829 ug/L
 RT: 2.575 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU049287.D
 Acq: 18 Jun 2022 17:35

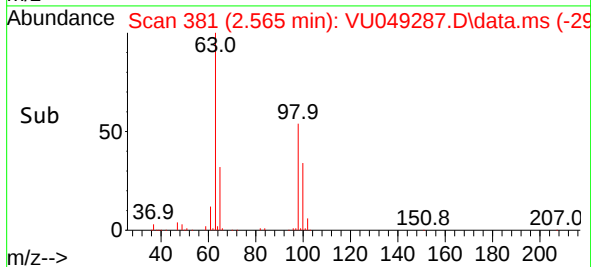
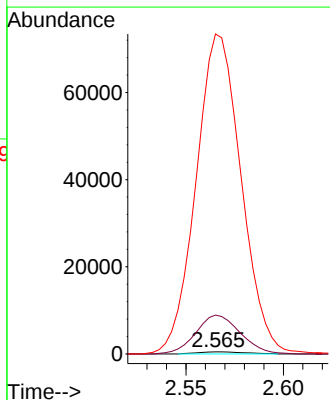
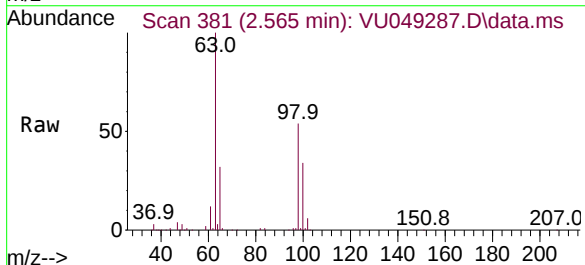
Instrument :
 MSVOA_U
 ClientSampleId :
 C0150

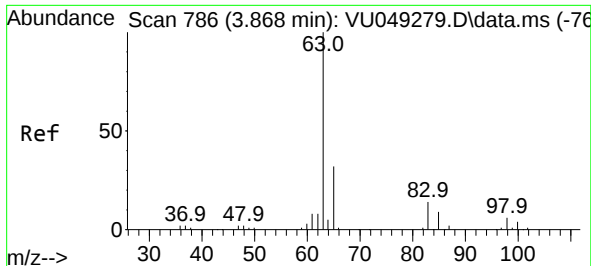
Tgt Ion:101 Resp: 1631
 Ion Ratio Lower Upper
 101 100
 85 9.7 35.2 52.8#
 151 8.2 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.487 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049287.D
 Acq: 18 Jun 2022 17:35

Tgt Ion: 96 Resp: 838
 Ion Ratio Lower Upper
 96 100
 61 1823.1 123.5 229.3#
 63 14984.5 86.0 159.8#





#19

1,1-Dichloroethane

Concen: 0.658 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU049287.D

Acq: 18 Jun 2022 17:35

Instrument :

MSVOA_U

ClientSampleId :

C0150

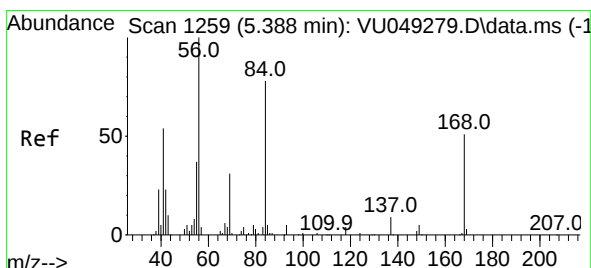
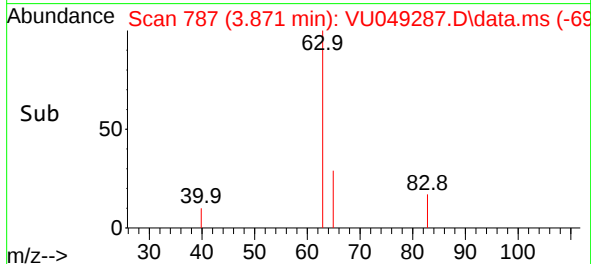
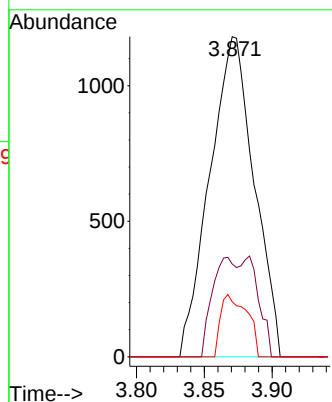
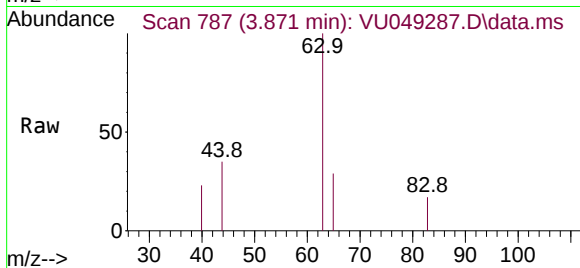
Tgt Ion: 63 Resp: 2683

Ion Ratio Lower Upper

63 100

65 29.0 22.3 41.5

83 17.2 9.5 17.7



#29

Cyclohexane

Concen: 1.323 ug/L

RT: 5.369 min Scan# 1253

Delta R.T. -0.020 min

Lab File: VU049287.D

Acq: 18 Jun 2022 17:35

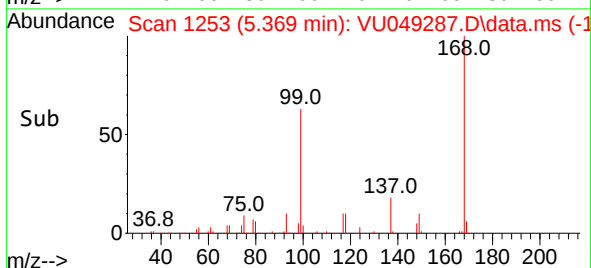
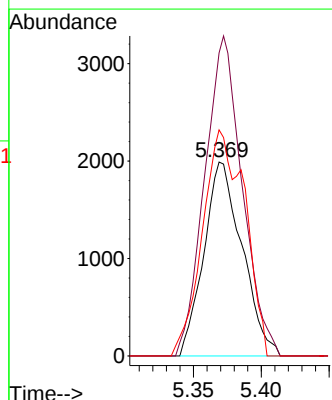
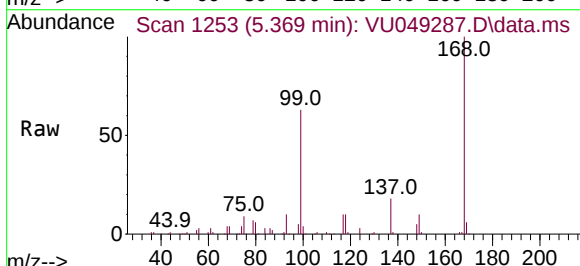
Tgt Ion: 56 Resp: 3898

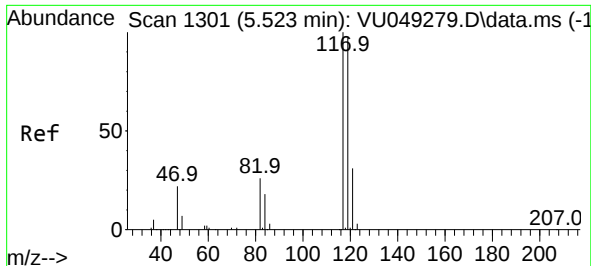
Ion Ratio Lower Upper

56 100

69 162.2 24.6 36.8#

84 87.4 69.7 104.5

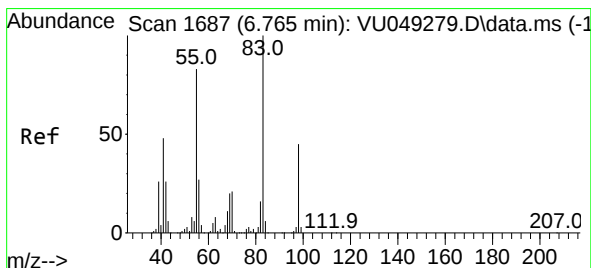
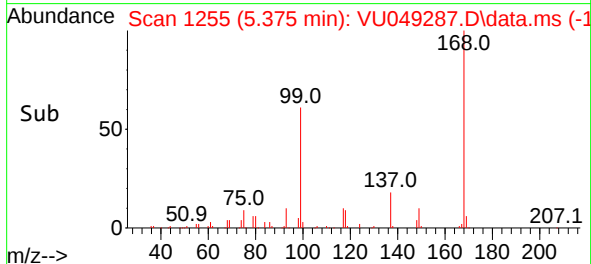
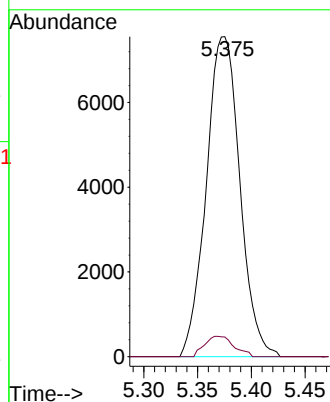
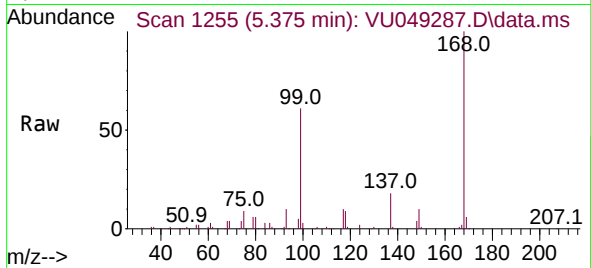




#31
Carbon tetrachloride
Concen: 5.118 ug/L
RT: 5.375 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049287.D
Acq: 18 Jun 2022 17:35

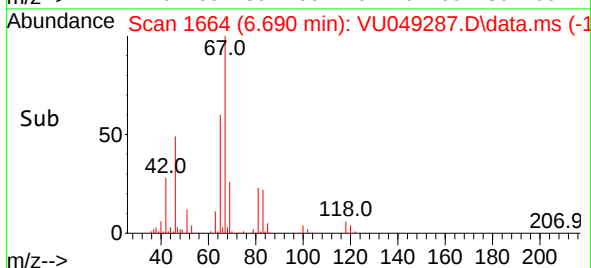
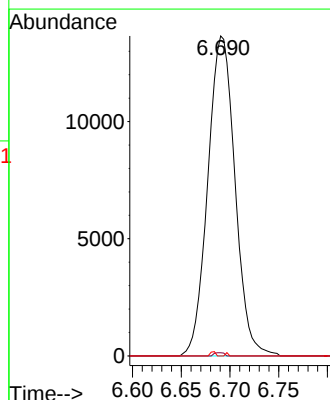
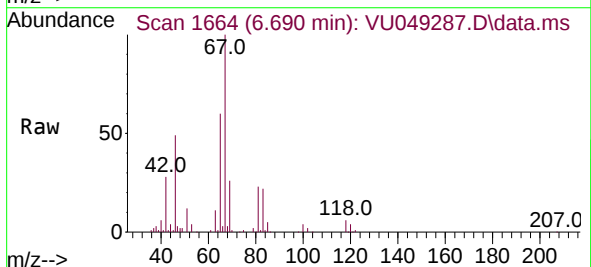
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C0150

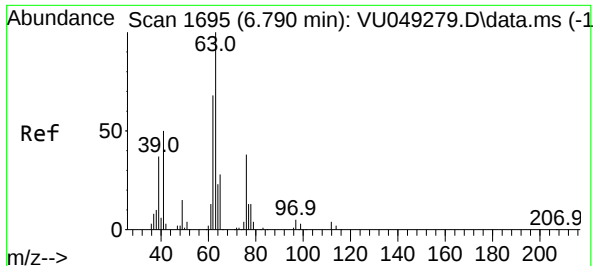
Tgt Ion:117 Resp: 16436
Ion Ratio Lower Upper
117 100
119 5.5 76.5 114.7#



#35
Methylcyclohexane
Concen: 8.842 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049287.D
Acq: 18 Jun 2022 17:35

Tgt Ion: 83 Resp: 26539
Ion Ratio Lower Upper
83 100
55 0.4 61.0 91.6#
98 0.3 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 5.250 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049287.D

Acq: 18 Jun 2022 17:35

Instrument :

MSVOA_U

ClientSampleId :

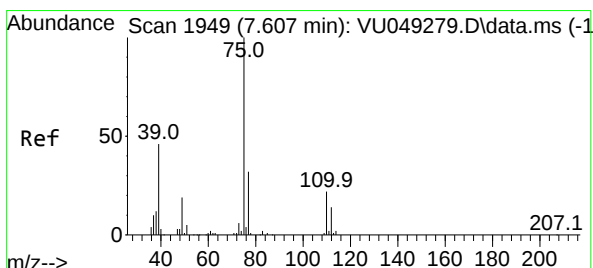
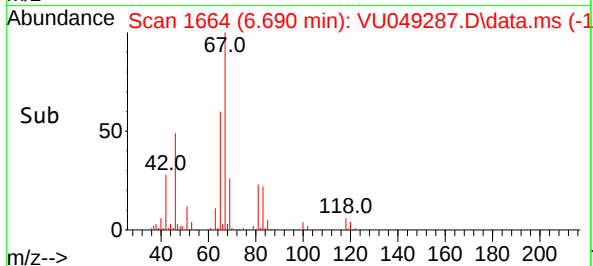
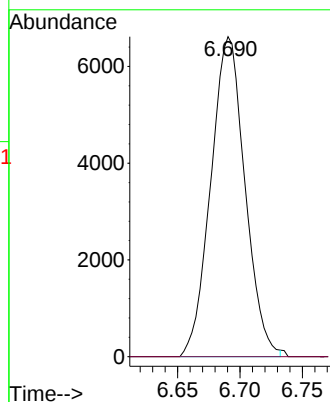
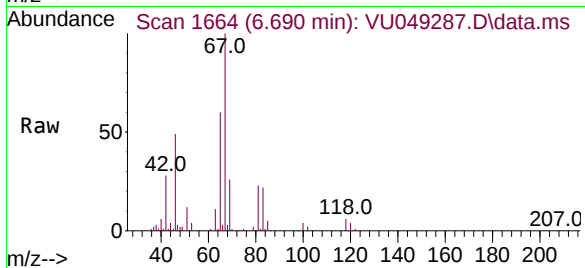
C0150

Tgt Ion: 63 Resp: 12630

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049287.D

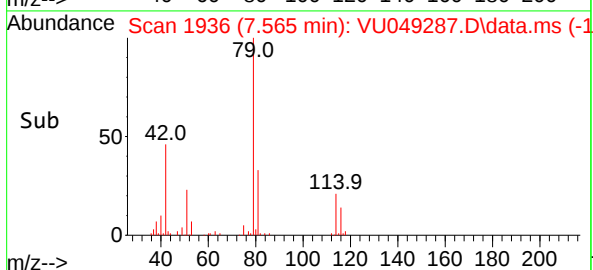
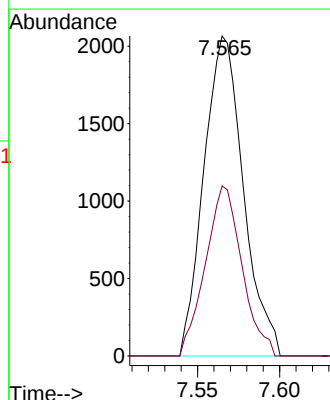
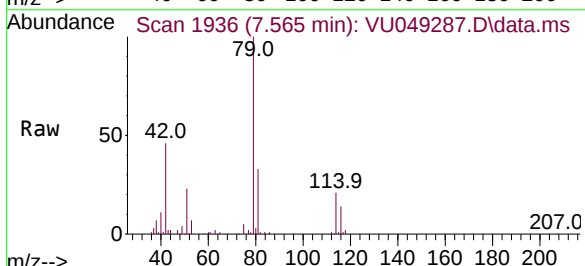
Acq: 18 Jun 2022 17:35

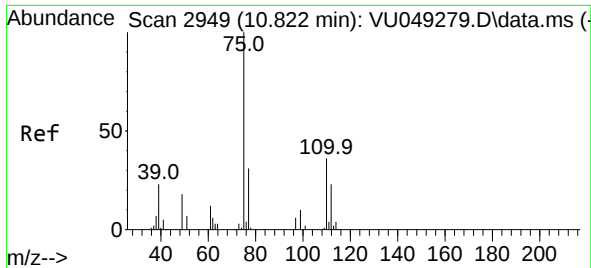
Tgt Ion: 75 Resp: 3453

Ion Ratio Lower Upper

75 100

77 53.1 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 5.438 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049287.D
 Acq: 18 Jun 2022 17:35

Instrument :
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Tgt Ion: 75 Resp: 16455
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.6 40.0
 110 2.7 30.2 45.4#

