

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058392.D
 Acq On : 05 Apr 2024 01:55
 Operator : MD/SY
 Sample : P1970-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 02:25:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

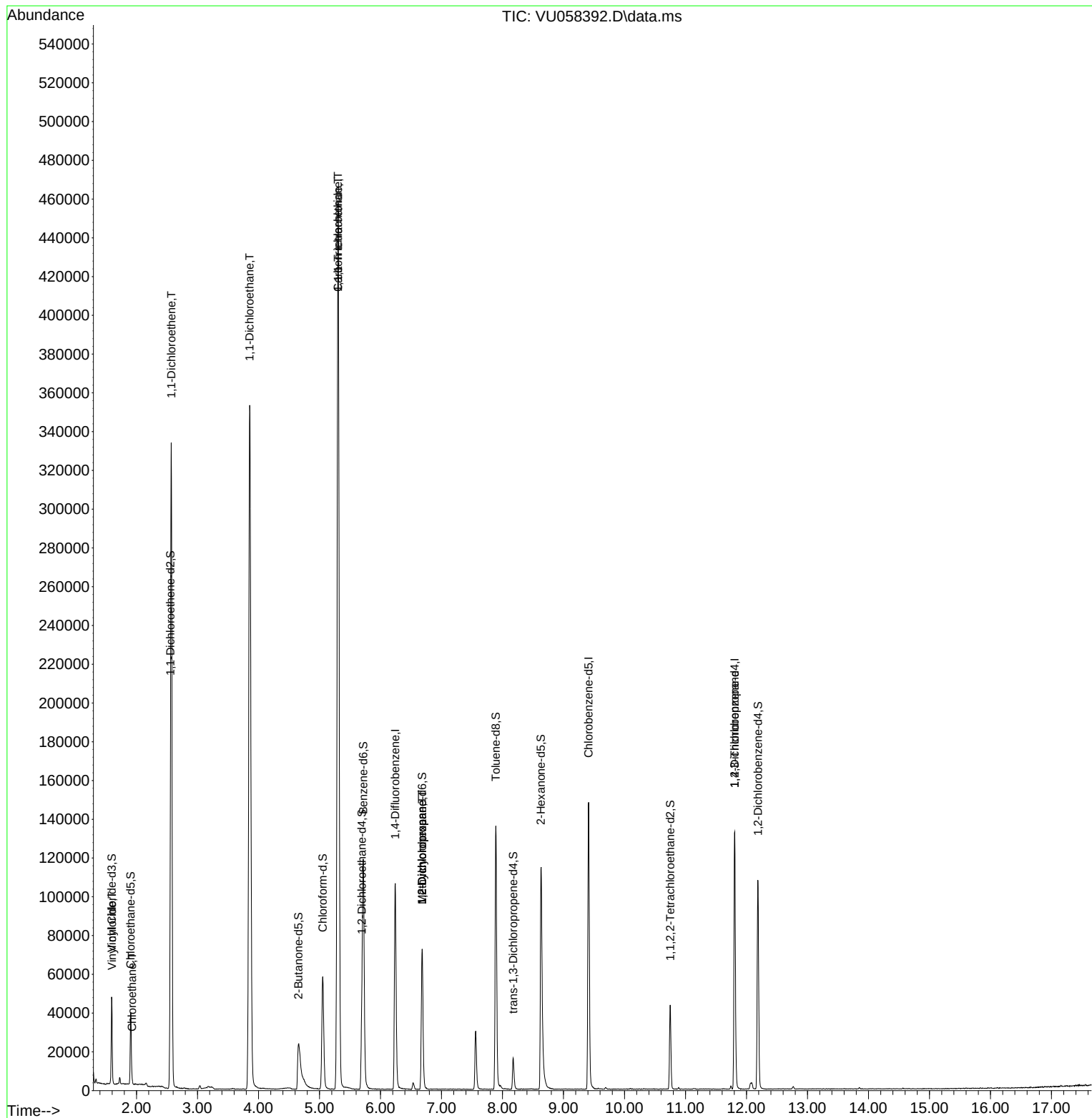
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83705	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81865	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35662	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27406	4.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.904	69	25020	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.557	65	13293	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.000%
20) 2-Butanone-d5	4.656	46	60962	52.199	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.400%
24) Chloroform-d	5.052	84	54946	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	26827	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.717	84	109822	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.682	67	35027	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.891	98	91505	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.174	79	10023	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.630	63	41135	46.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22785	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28222	4.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
5) Vinyl chloride	1.599	62	2987	0.350	ug/L #	78
8) Chloroethane	1.927	64	1224	0.227	ug/L	90
12) 1,1-Dichloroethene	2.570	96	95389	16.080	ug/L #	82
19) 1,1-Dichloroethane	3.856	63	418538	30.842	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	324312	29.548	ug/L	99
31) Carbon tetrachloride	5.306	117	40269	4.332	ug/L	97
35) Methylcyclohexane	6.682	83	7566	0.671	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3668	0.470	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4625	1.271	ug/L #	70

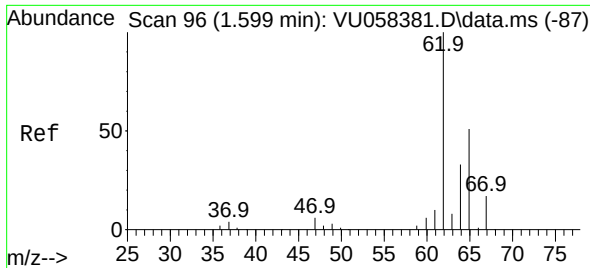
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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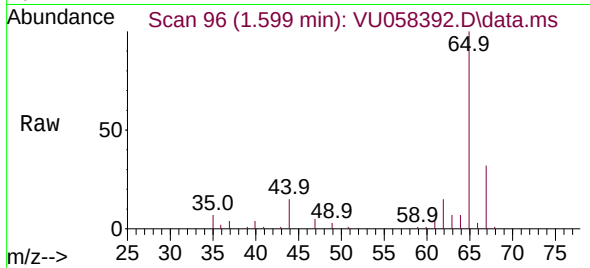
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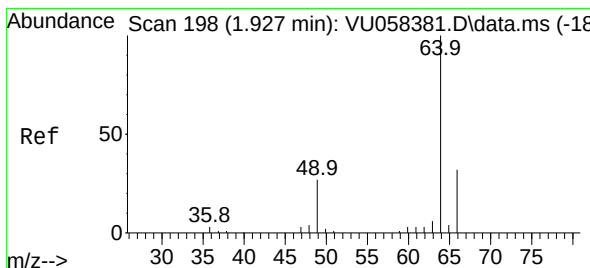
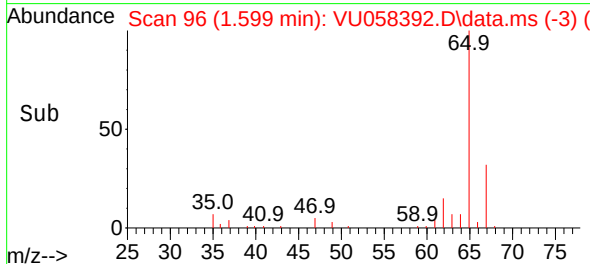
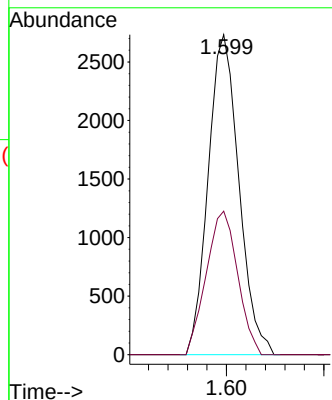


#5
 Vinyl chloride
 Concen: 0.350 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058392.D
 Acq: 05 Apr 2024 01:55

Instrument :
 MSVOA_U
 ClientSampleId :

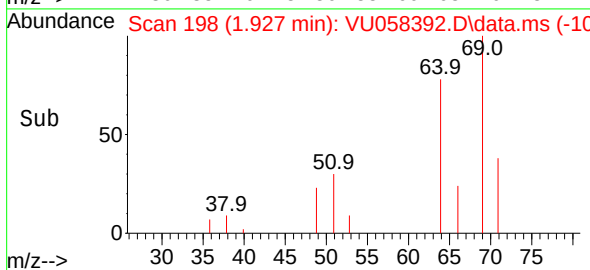
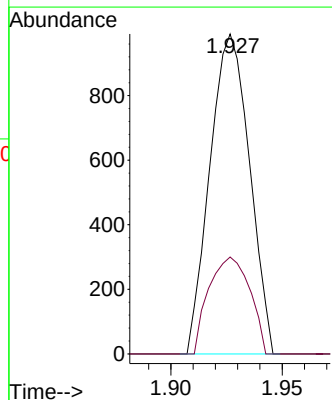
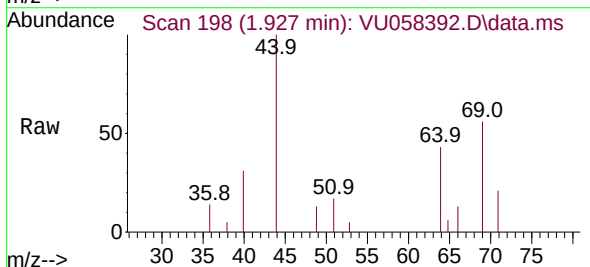


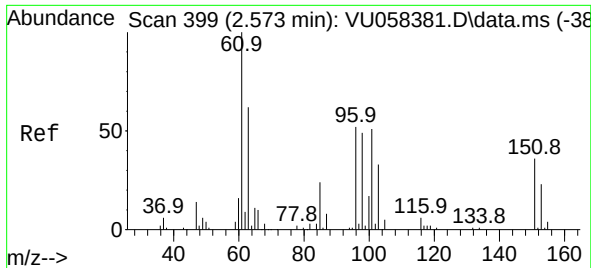
Tgt Ion: 62 Resp: 2987
 Ion Ratio Lower Upper
 62 100
 64 44.9 22.6 42.0#



#8
 Chloroethane
 Concen: 0.227 ug/L
 RT: 1.927 min Scan# 198
 Delta R.T. -0.000 min
 Lab File: VU058392.D
 Acq: 05 Apr 2024 01:55

Tgt Ion: 64 Resp: 1224
 Ion Ratio Lower Upper
 64 100
 66 26.8 22.5 41.9





#12

1,1-Dichloroethene

Concen: 16.080 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058392.D

Acq: 05 Apr 2024 01:55

Instrument :

MSVOA_U

ClientSampleId :

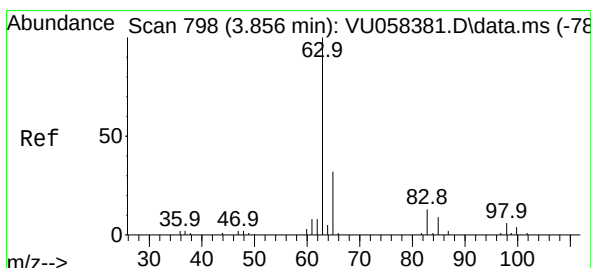
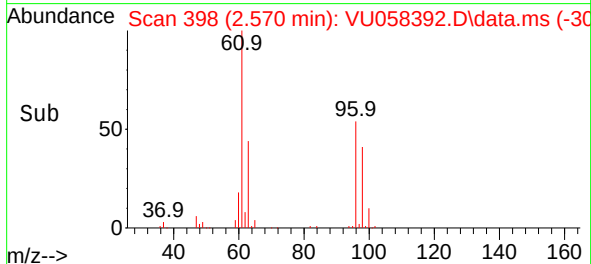
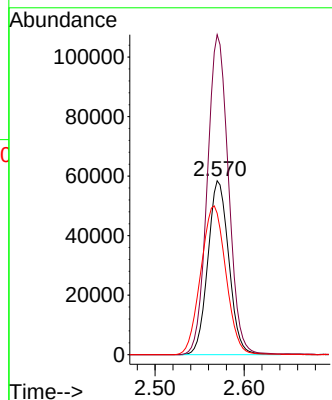
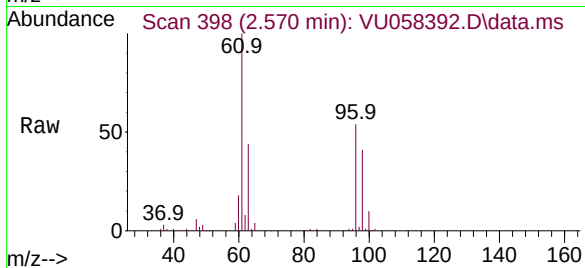
Tgt Ion: 96 Resp: 95389

Ion Ratio Lower Upper

96 100

61 184.0 132.5 246.1

63 81.3 87.7 162.9#



#19

1,1-Dichloroethane

Concen: 30.842 ug/L

RT: 3.856 min Scan# 798

Delta R.T. -0.000 min

Lab File: VU058392.D

Acq: 05 Apr 2024 01:55

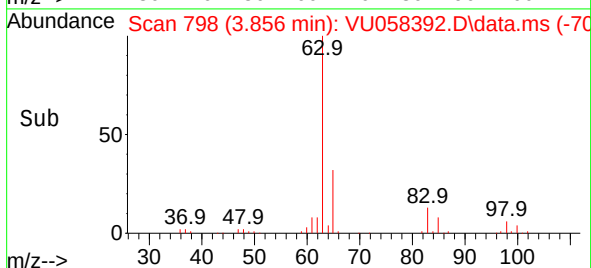
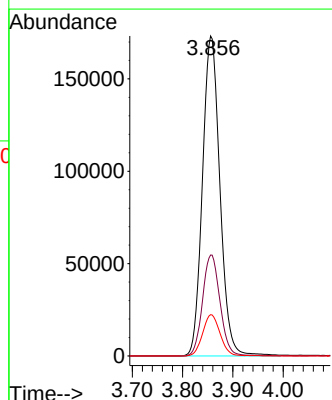
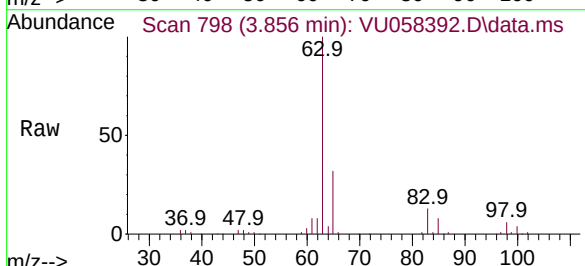
Tgt Ion: 63 Resp: 418538

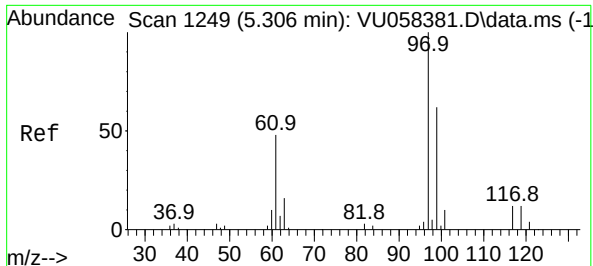
Ion Ratio Lower Upper

63 100

65 31.5 22.9 42.5

83 12.9 9.6 17.8

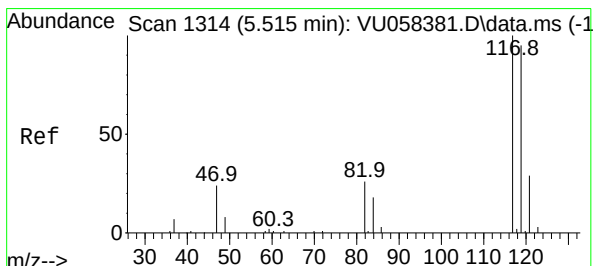
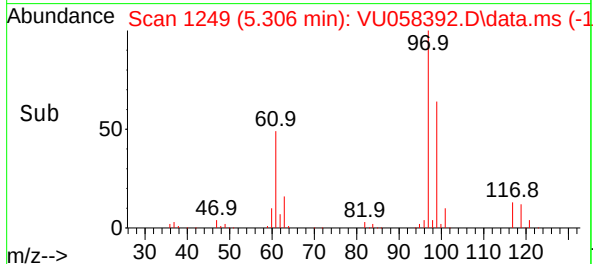
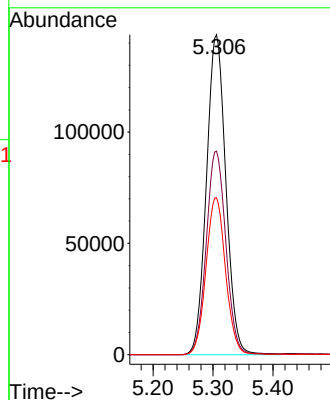
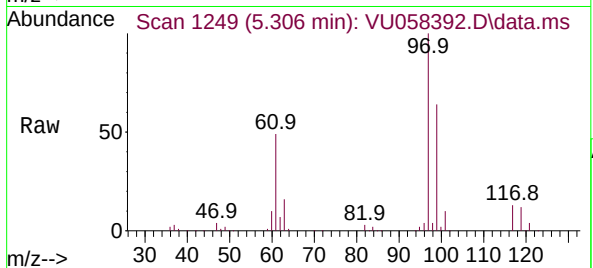




#29
1,1,1-Trichloroethane
Concen: 29.548 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058392.D
Acq: 05 Apr 2024 01:55

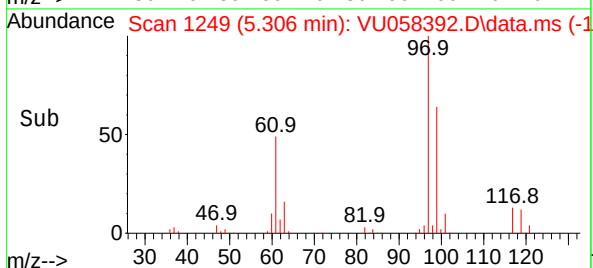
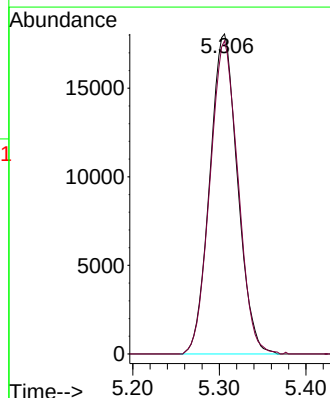
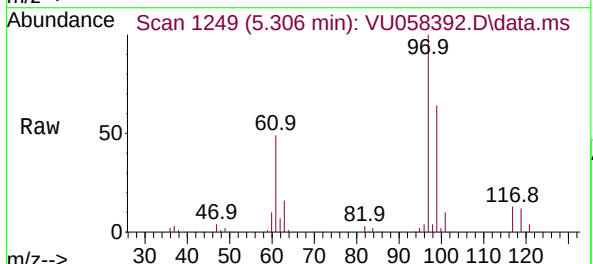
Instrument :
MSVOA_U
ClientSampleId :

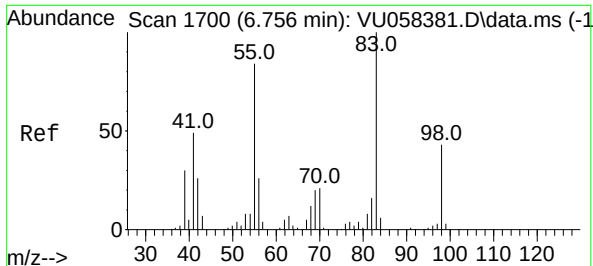
Tgt Ion: 97 Resp: 324312
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 49.5 39.4 59.0



#31
Carbon tetrachloride
Concen: 4.332 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058392.D
Acq: 05 Apr 2024 01:55

Tgt Ion:117 Resp: 40269
Ion Ratio Lower Upper
117 100
119 98.6 76.7 115.1





#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058392.D

Acq: 05 Apr 2024 01:55

Instrument :

MSVOA_U

ClientSampleId :

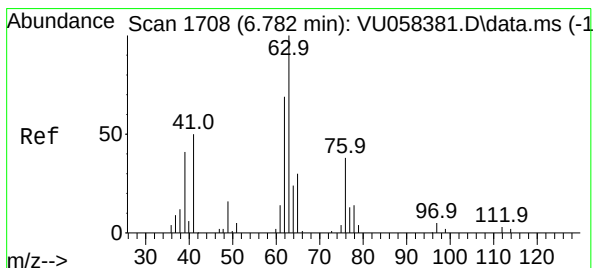
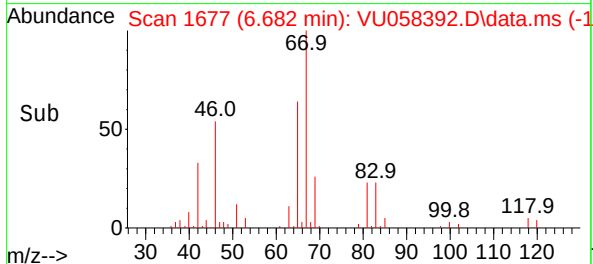
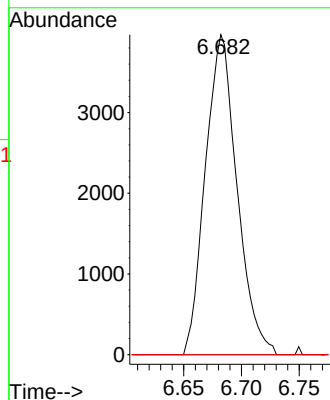
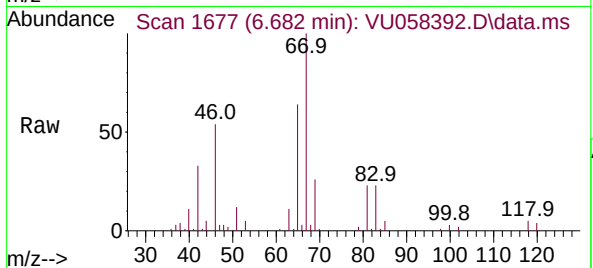
Tgt Ion: 83 Resp: 7566

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058392.D

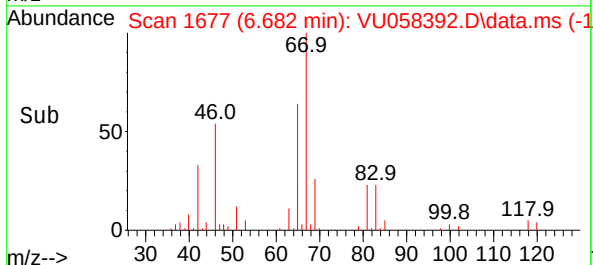
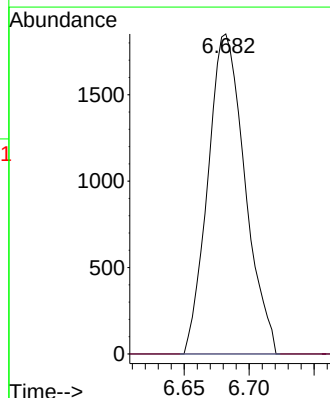
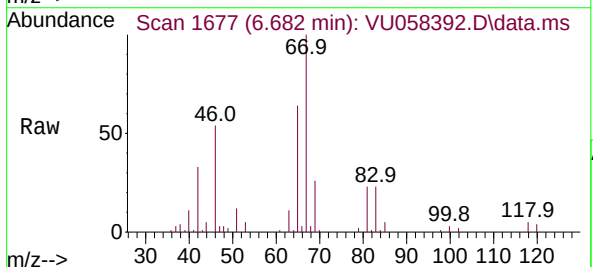
Acq: 05 Apr 2024 01:55

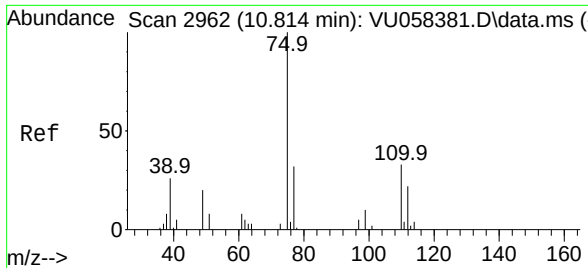
Tgt Ion: 63 Resp: 3668

Ion Ratio Lower Upper

63 100

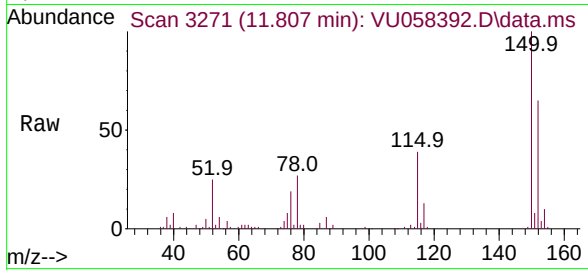
112 0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.271 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU058392.D
 Acq: 05 Apr 2024 01:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4625
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 31.0 25.1 37.7

