

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055527.D
 Acq On : 26 Sep 2023 19:28
 Operator : MD/SY
 Sample : 04530-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:52:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

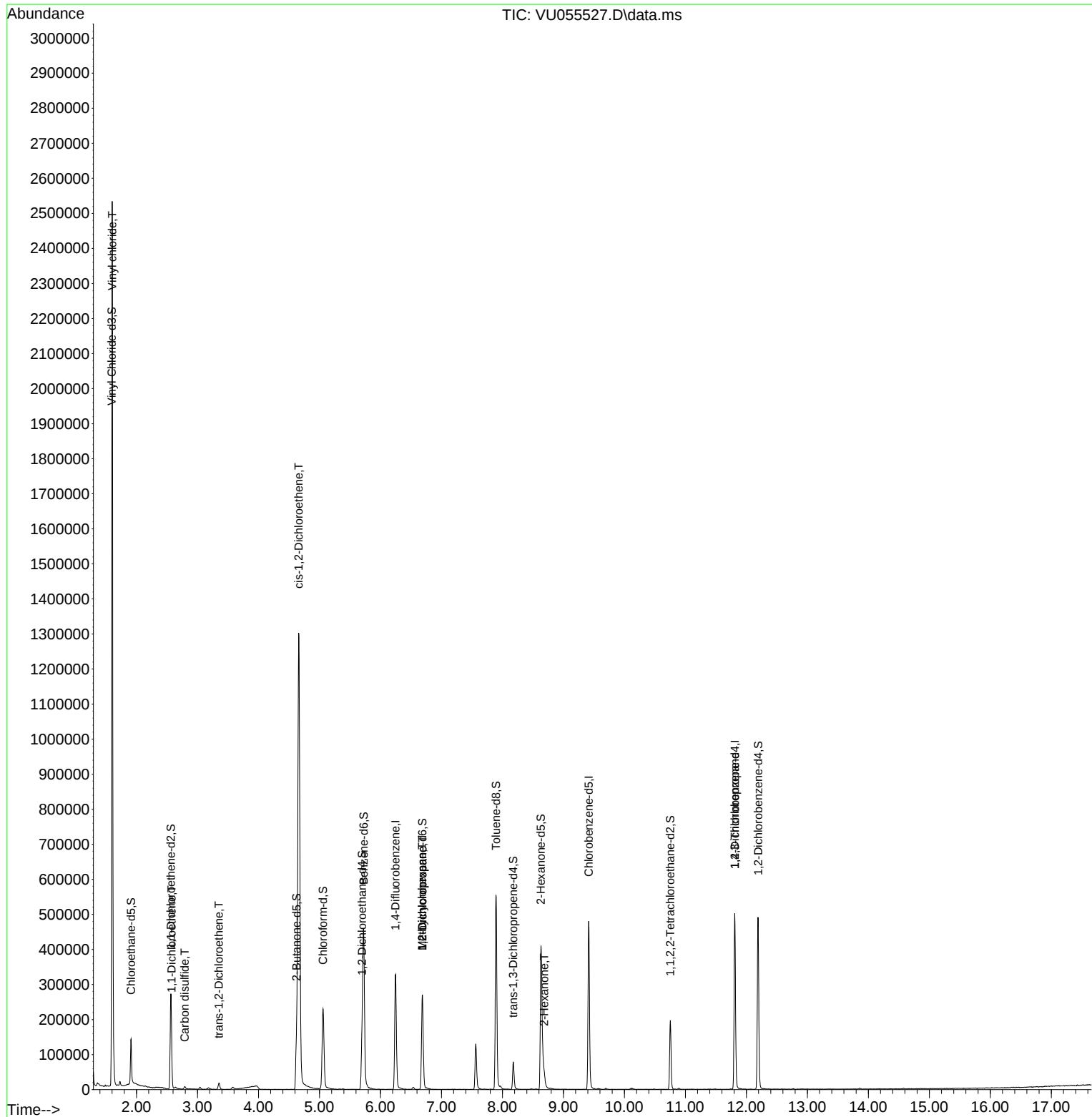
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	280327	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	285523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	140888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	135757	4.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	89903	3.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.563	65	52334	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.624	46	229774	44.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.800%
24) Chloroform-d	5.058	84	225168	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.698	65	106837	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.724	84	455848	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.689	67	136371	4.570	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	393429	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	48351	4.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.631	63	133715	41.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	101396	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	135516	4.766	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1705644	65.849	ug/L	100
12) 1,1-Dichloroethene	2.576	96	2967	0.151	ug/L #	1
14) Carbon disulfide	2.792	76	8758	0.149	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	7749	0.392	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	705000	30.781	ug/L	99
35) Methylcyclohexane	6.685	83	32361	0.966	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	14030	0.653	ug/L #	89
48) 2-Hexanone	8.685	43	23927	3.167	ug/L	99
61) 1,2,3-Trichloropropane	11.810	75	16477	1.498	ug/L #	66

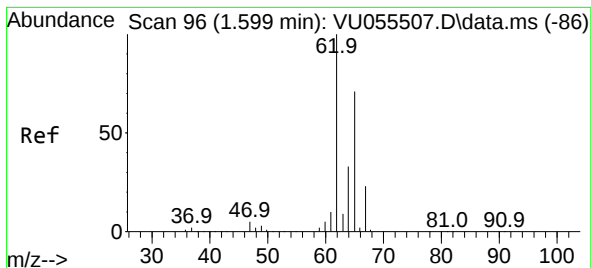
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 65.849 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055527.D

Acq: 26 Sep 2023 19:28

Instrument :

MSVOA_U

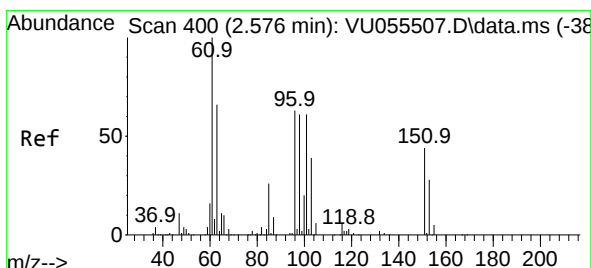
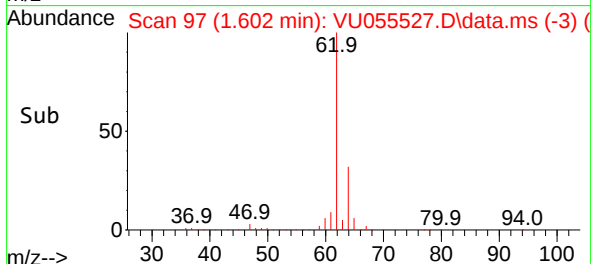
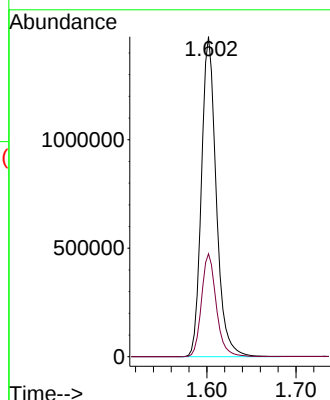
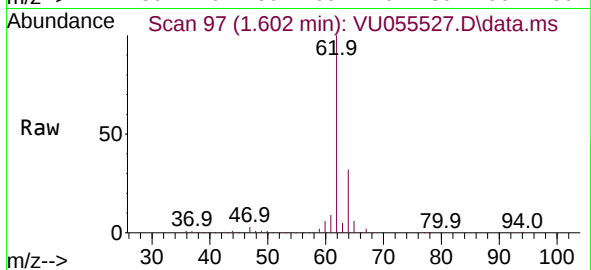
ClientSampleId :

Tgt Ion: 62 Resp: 1705644

Ion Ratio Lower Upper

62 100

64 32.1 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU055527.D

Acq: 26 Sep 2023 19:28

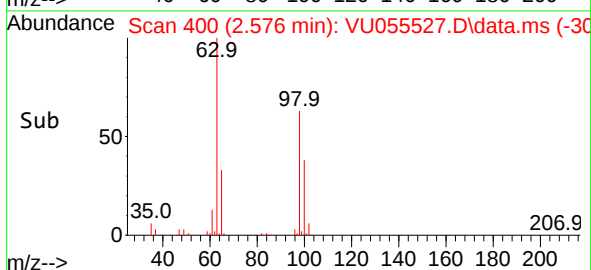
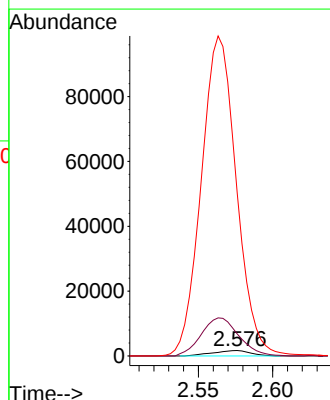
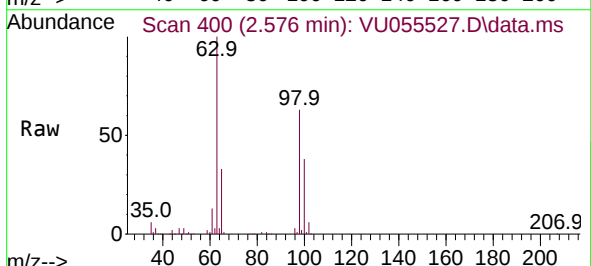
Tgt Ion: 96 Resp: 2967

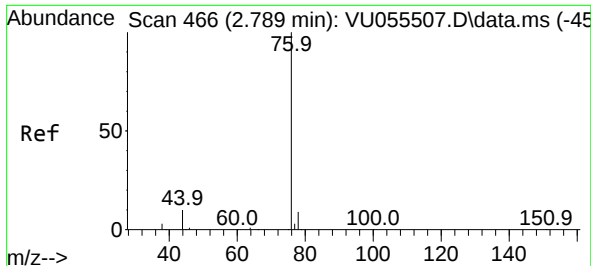
Ion Ratio Lower Upper

96 100

61 406.0 114.5 212.7#

63 3007.8 98.3 182.5#

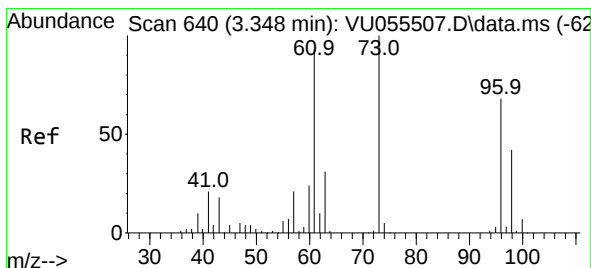
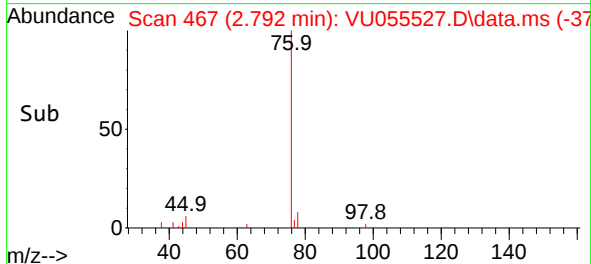
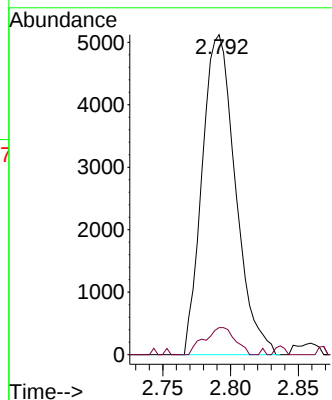
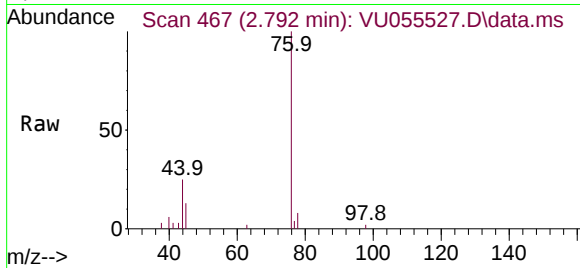




#14
Carbon disulfide
Concen: 0.149 ug/L
RT: 2.792 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU055527.D
Acq: 26 Sep 2023 19:28

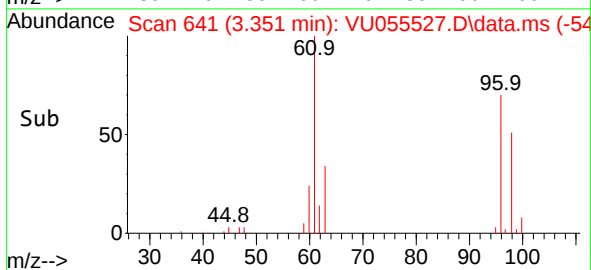
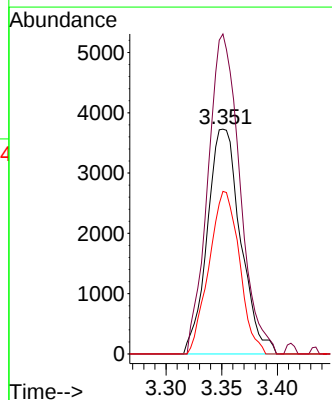
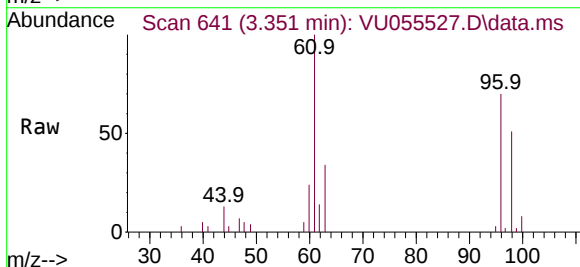
Instrument :
MSVOA_U
ClientSampleId :

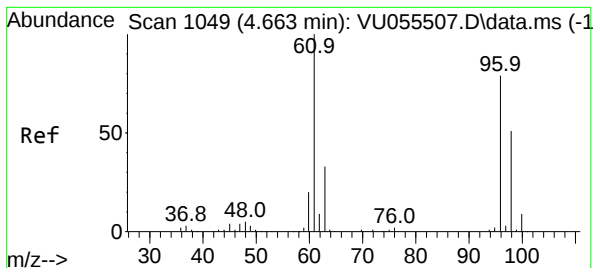
Tgt Ion: 76 Resp: 8758
Ion Ratio Lower Upper
76 100
78 8.5 7.7 11.5



#18
trans-1,2-Dichloroethene
Concen: 0.392 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055527.D
Acq: 26 Sep 2023 19:28

Tgt Ion: 96 Resp: 7749
Ion Ratio Lower Upper
96 100
61 137.7 94.6 175.6
98 69.9 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 30.781 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.004 min

Lab File: VU055527.D

Acq: 26 Sep 2023 19:28

Instrument :

MSVOA_U

ClientSampleId :

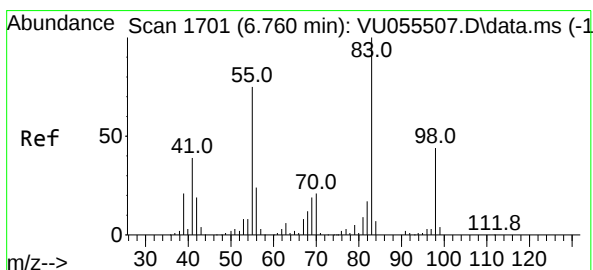
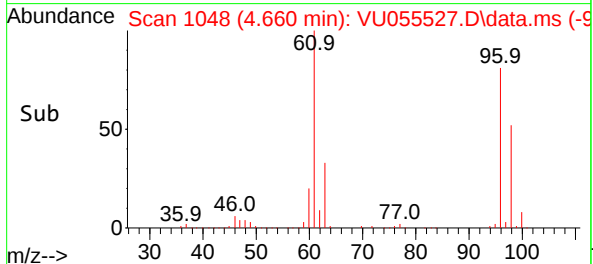
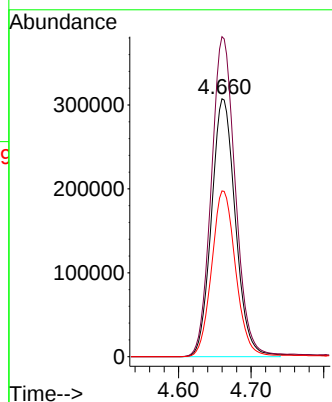
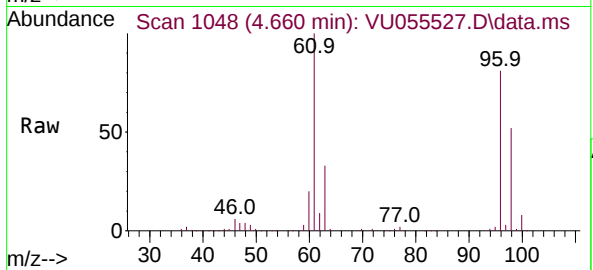
Tgt Ion: 96 Resp: 705000

Ion Ratio Lower Upper

96 100

61 124.1 87.8 163.2

98 64.3 44.4 82.4



#35

Methylcyclohexane

Concen: 0.966 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU055527.D

Acq: 26 Sep 2023 19:28

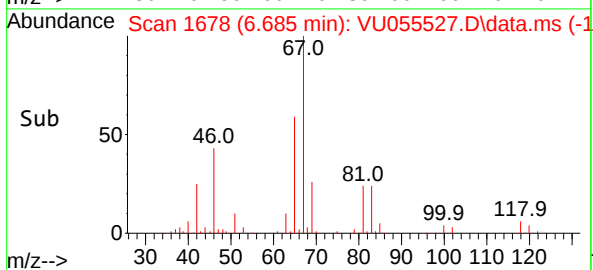
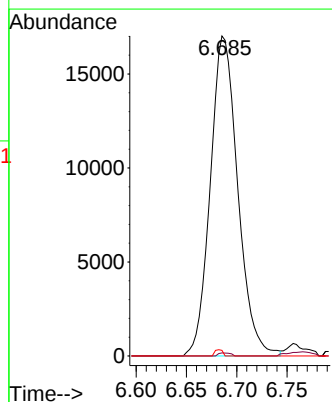
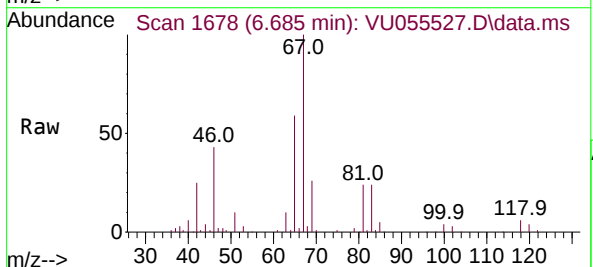
Tgt Ion: 83 Resp: 32361

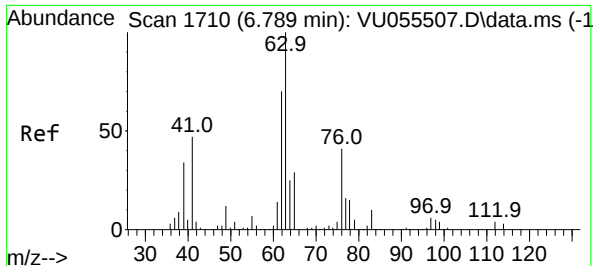
Ion Ratio Lower Upper

83 100

55 0.4 59.1 88.7#

98 0.6 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055527.D

Acq: 26 Sep 2023 19:28

Instrument :

MSVOA_U

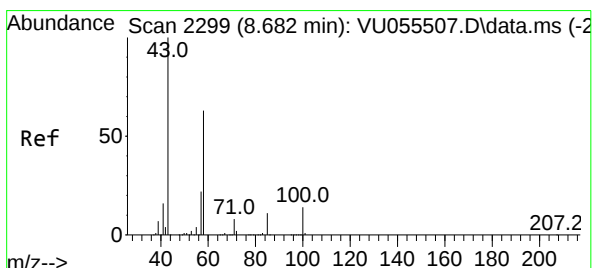
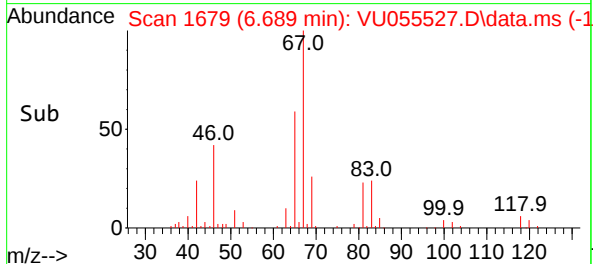
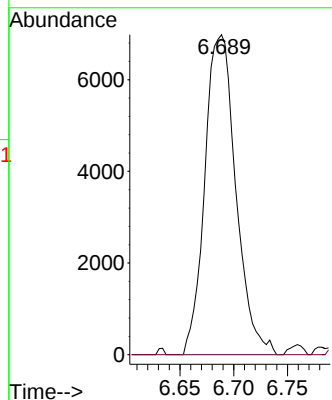
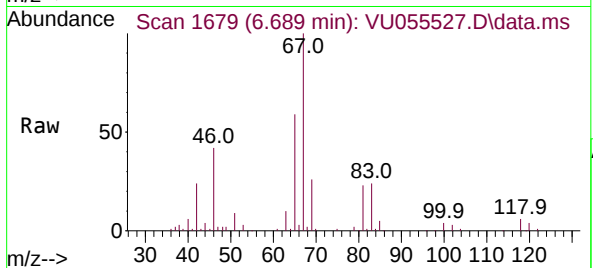
ClientSampleId :

Tgt Ion: 63 Resp: 14030

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#48

2-Hexanone

Concen: 3.167 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055527.D

Acq: 26 Sep 2023 19:28

Tgt Ion: 43 Resp: 23927

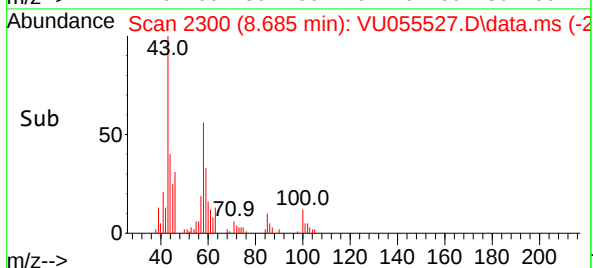
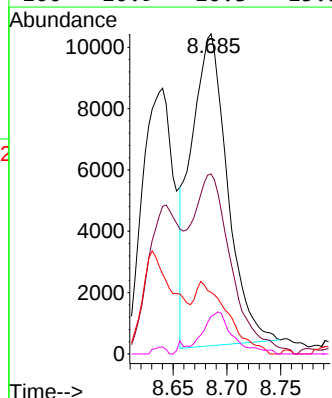
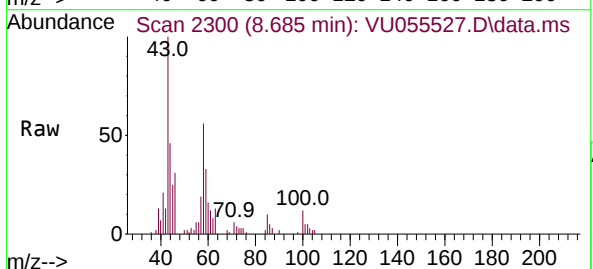
Ion Ratio Lower Upper

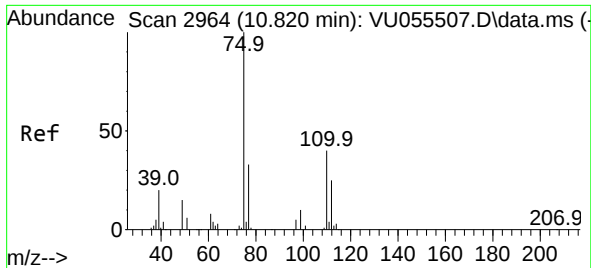
43 100

58 59.8 48.5 72.7

57 21.1 17.0 25.4

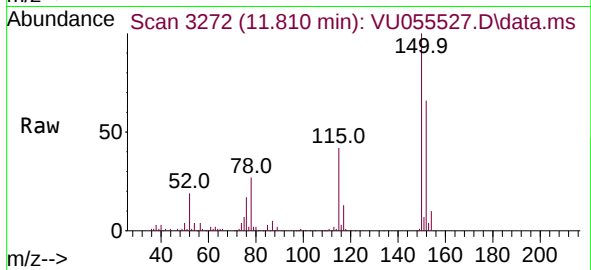
100 10.9 10.3 15.5





#61
 1,2,3-Trichloropropane
 Concen: 1.498 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055527.D
 Acq: 26 Sep 2023 19:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	30.6	45.8#
77	30.8	26.7	40.1

