

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052719.D
 Acq On : 17 Jan 2023 14:22
 Operator : JC/MD
 Sample : 01138-12 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:17:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

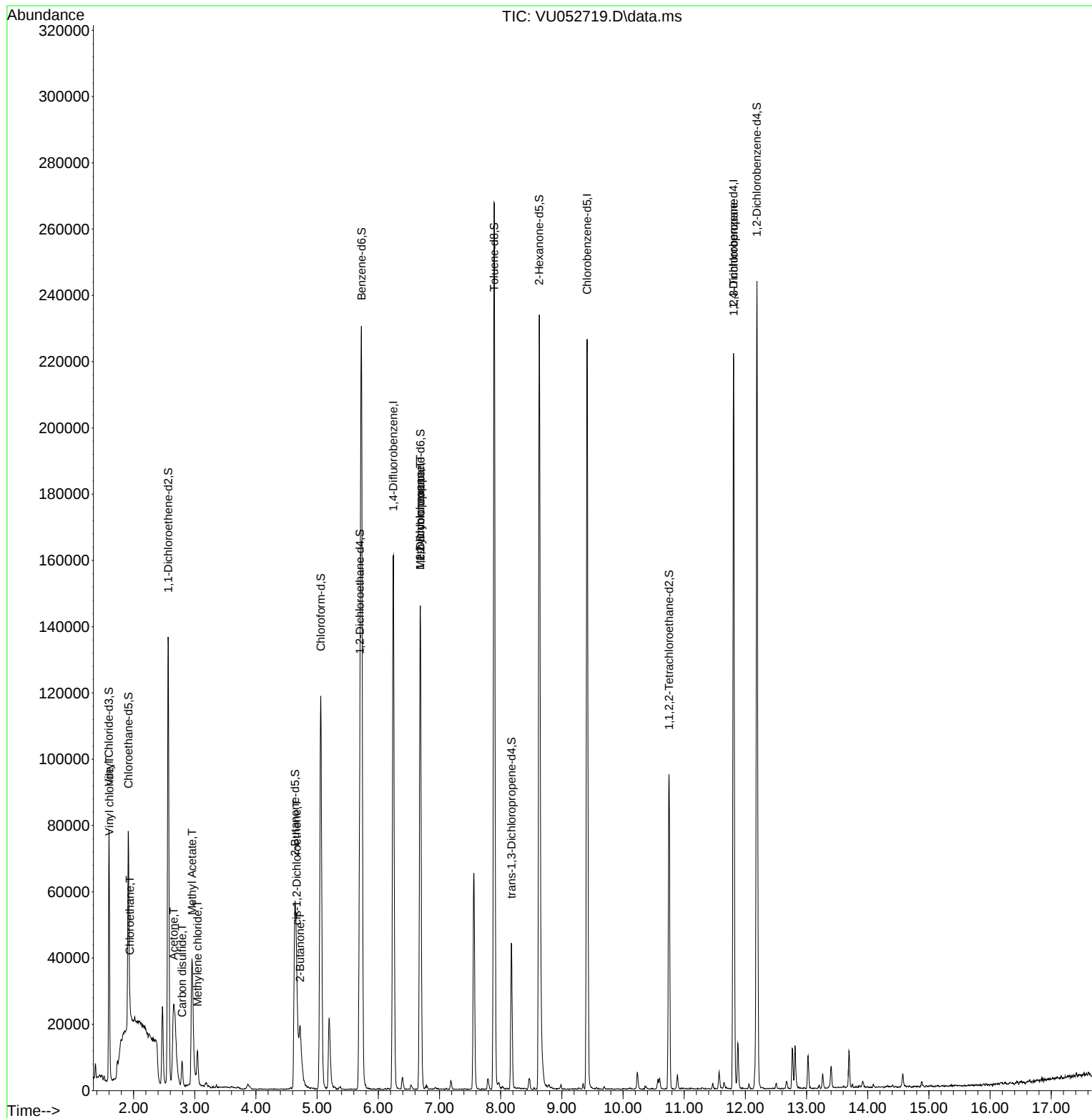
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	129937	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	57849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53241	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.916	69	46564	5.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.565	65	25732	5.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.639	46	109398	35.842	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.680%
24) Chloroform-d	5.060	84	110698	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.700	65	55753	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.726	84	220518	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.687	67	68324	4.956	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.893	98	177714	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.176	79	22540	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.629	63	79187	37.180	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.360%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	47518	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	63564	6.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	3377	0.208	ug/L #	50
8) Chloroethane	1.941	64	4446	0.451	ug/L #	59
13) Acetone	2.658	43	60244	27.521	ug/L	100
14) Carbon disulfide	2.793	76	10196	0.262	ug/L	97
15) Methyl Acetate	2.954	43	60410	11.511	ug/L	91
16) Methylene chloride	3.044	84	4673	0.312	ug/L	87
21) 2-Butanone	4.723	43	32710	9.282	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	3476	0.282	ug/L	86
35) Methylcyclohexane	6.684	83	17274	0.875	ug/L #	16
37) 1,2-Dichloropropane	6.684	63	7384	0.545	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	6520	0.970	ug/L #	68

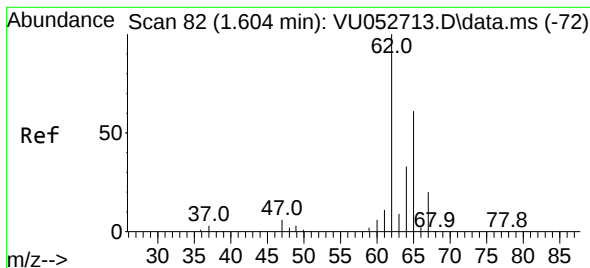
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.208 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU052719.D

Acq: 17 Jan 2023 14:22

Instrument :

MSVOA_U

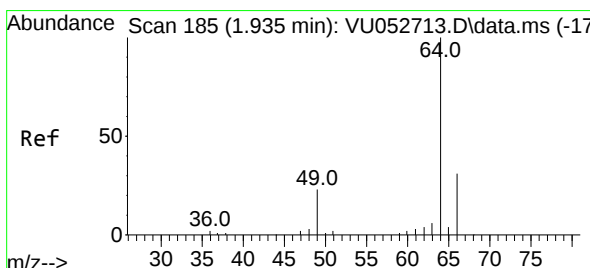
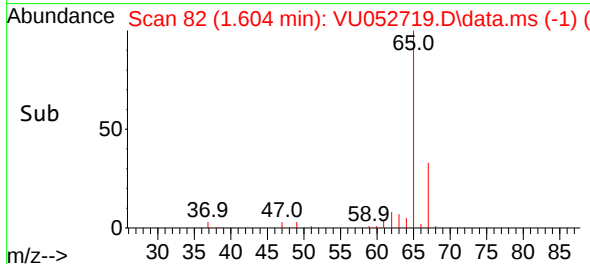
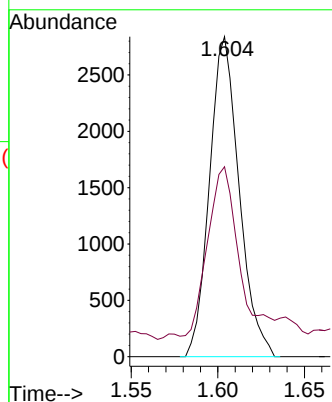
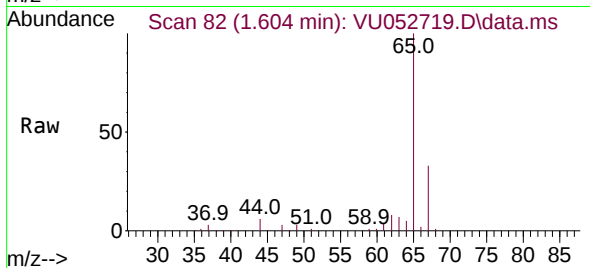
ClientSampleId :

Tgt Ion: 62 Resp: 3377

Ion Ratio Lower Upper

62 100

64 59.3 22.3 41.3#



#8

Chloroethane

Concen: 0.451 ug/L

RT: 1.941 min Scan# 187

Delta R.T. 0.006 min

Lab File: VU052719.D

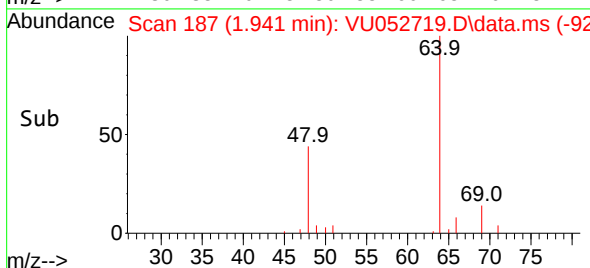
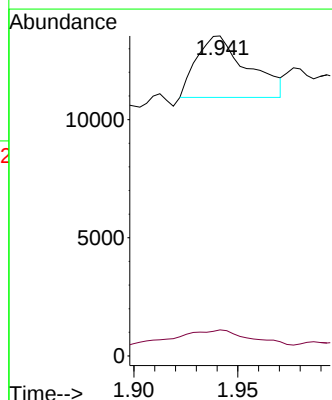
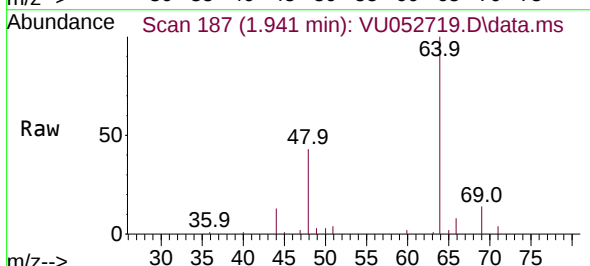
Acq: 17 Jan 2023 14:22

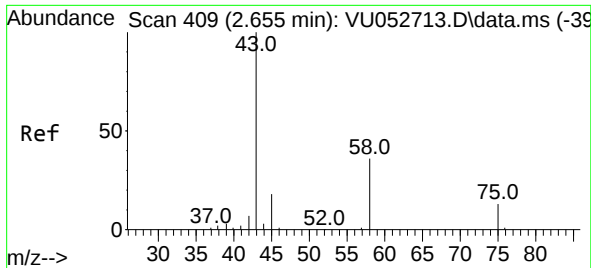
Tgt Ion: 64 Resp: 4446

Ion Ratio Lower Upper

64 100

66 8.1 21.6 40.2#





#13

Acetone

Concen: 27.521 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU052719.D

Acq: 17 Jan 2023 14:22

Instrument :

MSVOA_U

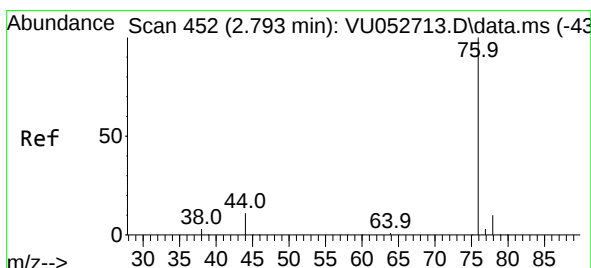
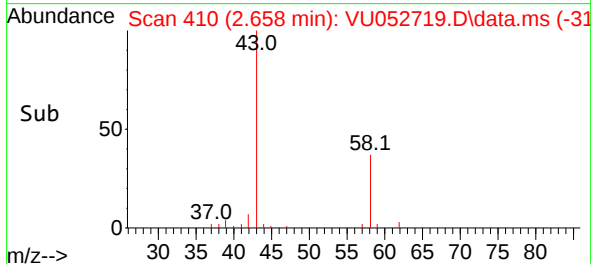
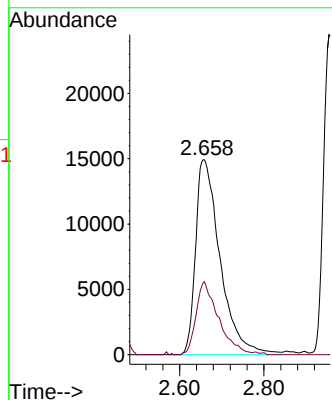
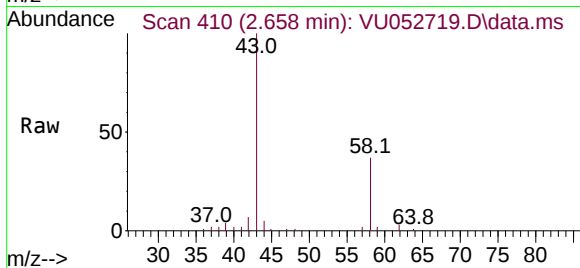
ClientSampleId :

Tgt Ion: 43 Resp: 60244

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.8



#14

Carbon disulfide

Concen: 0.262 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052719.D

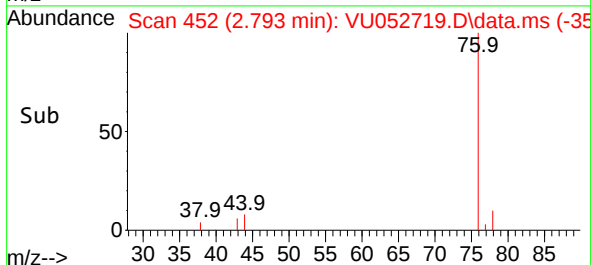
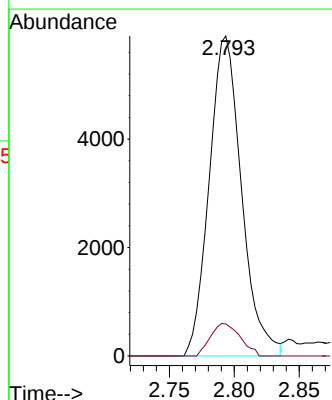
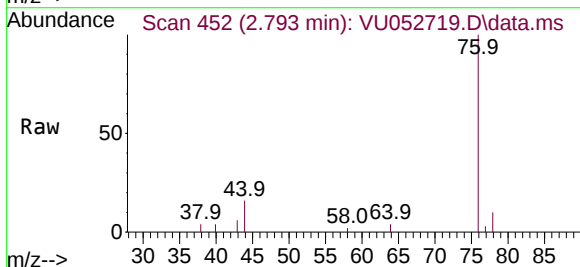
Acq: 17 Jan 2023 14:22

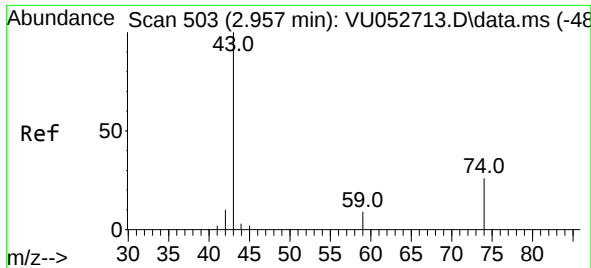
Tgt Ion: 76 Resp: 10196

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6

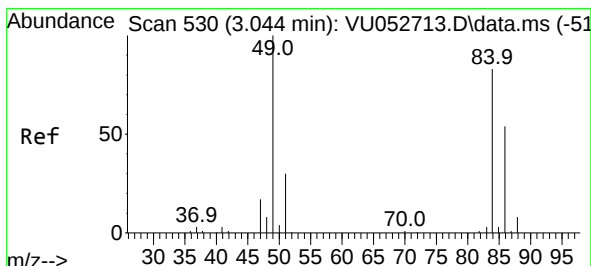
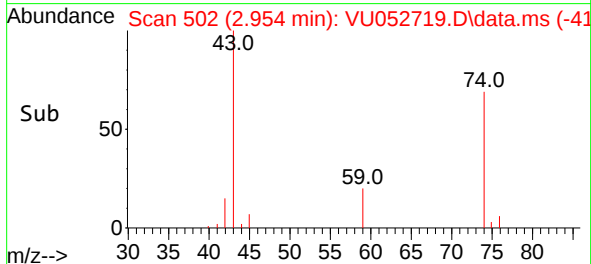
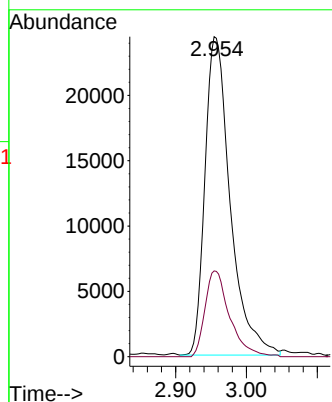
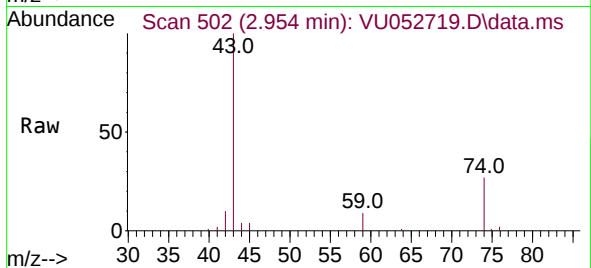




#15
Methyl Acetate
Concen: 11.511 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU052719.D
Acq: 17 Jan 2023 14:22

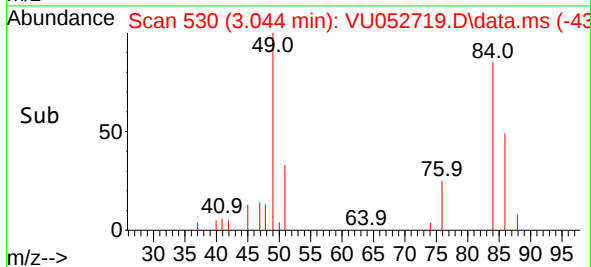
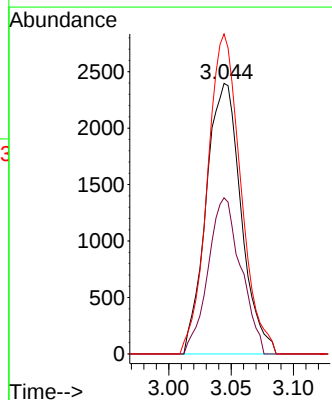
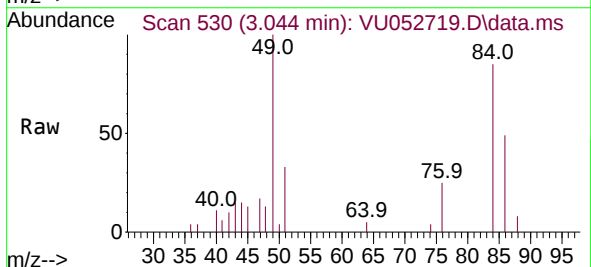
Instrument :
MSVOA_U
ClientSampleId :

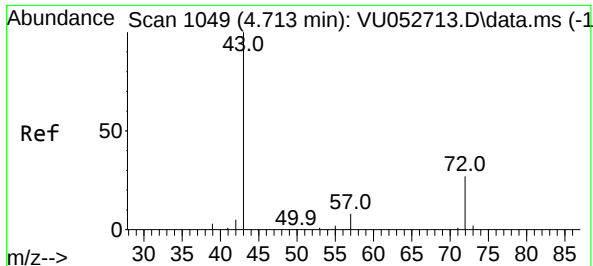
Tgt Ion: 43 Resp: 60410
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3



#16
Methylene chloride
Concen: 0.312 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052719.D
Acq: 17 Jan 2023 14:22

Tgt Ion: 84 Resp: 4673
Ion Ratio Lower Upper
84 100
86 57.7 45.6 84.6
49 118.3 94.8 176.0





#21

2-Butanone

Concen: 9.282 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU052719.D

Acq: 17 Jan 2023 14:22

Instrument :

MSVOA_U

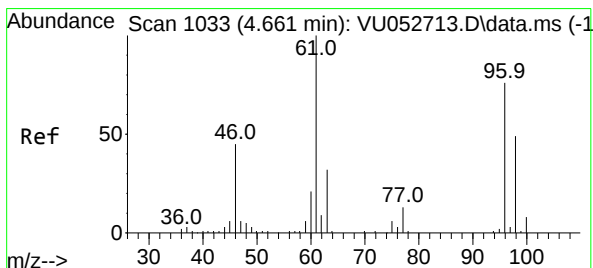
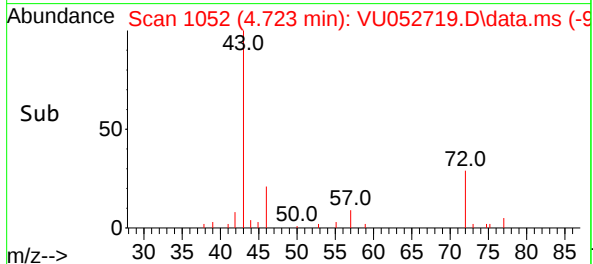
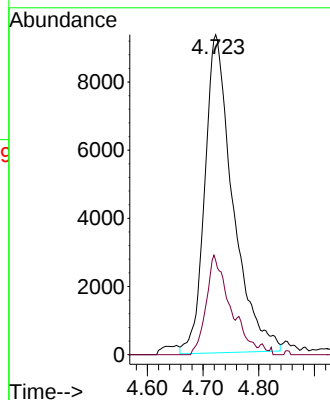
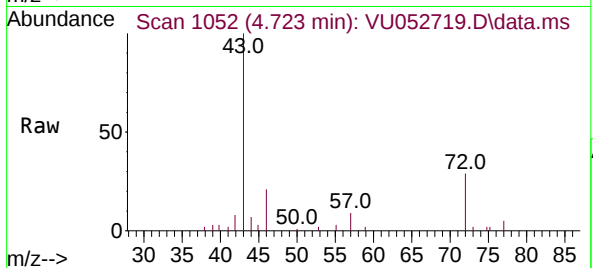
ClientSampleId :

Tgt Ion: 43 Resp: 32710

Ion Ratio Lower Upper

43 100

72 22.7 12.9 38.6



#22

cis-1,2-Dichloroethene

Concen: 0.282 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU052719.D

Acq: 17 Jan 2023 14:22

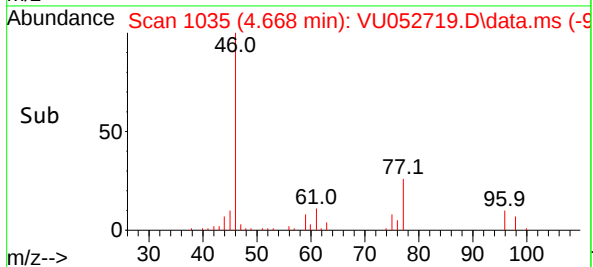
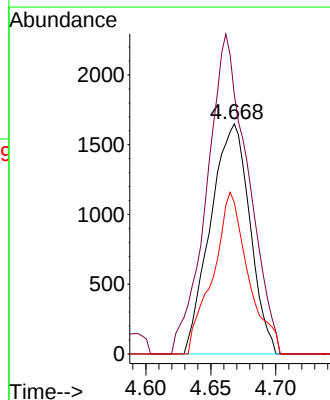
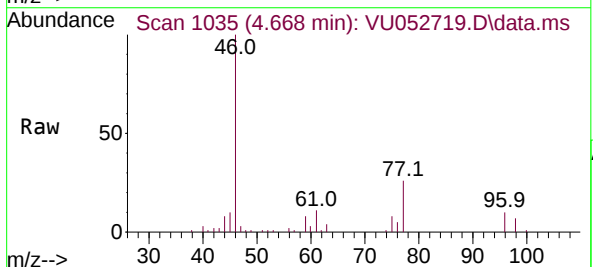
Tgt Ion: 96 Resp: 3476

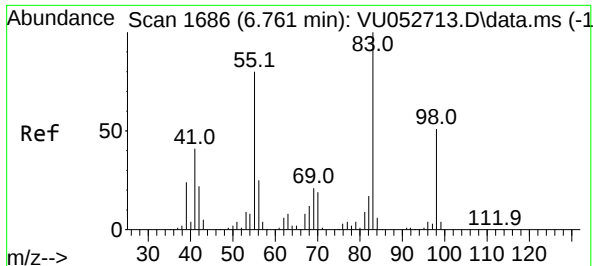
Ion Ratio Lower Upper

96 100

61 112.9 94.6 175.8

98 65.9 43.3 80.3

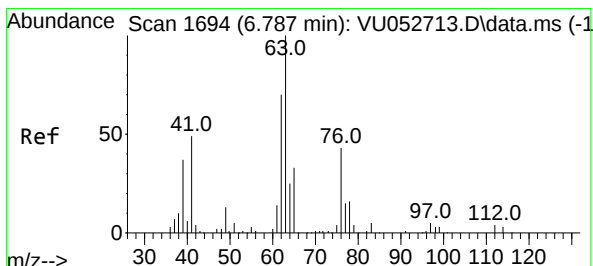
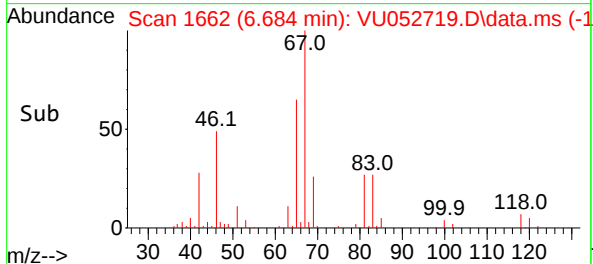
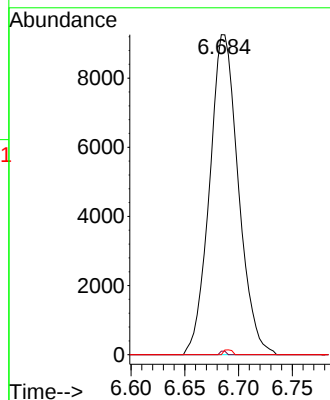
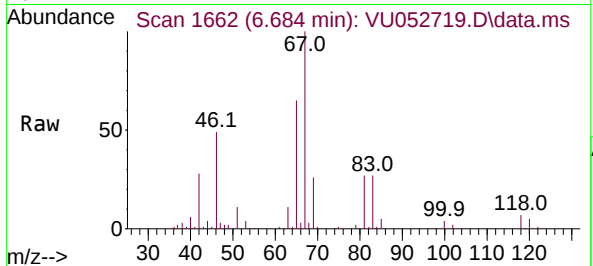




#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU052719.D
Acq: 17 Jan 2023 14:22

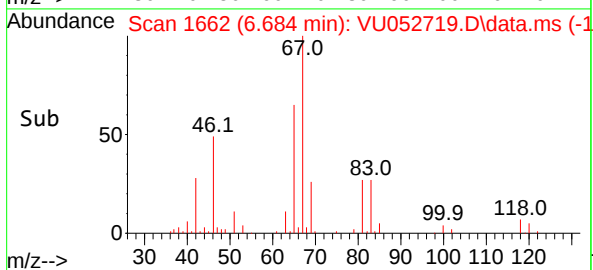
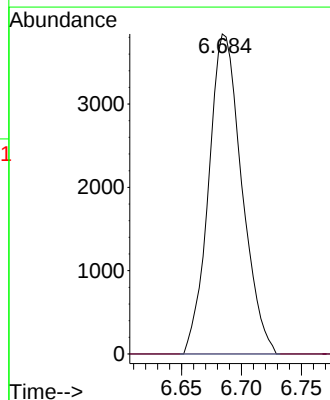
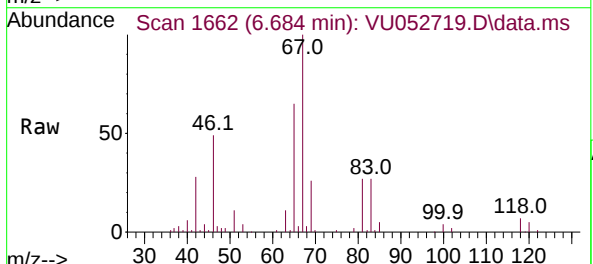
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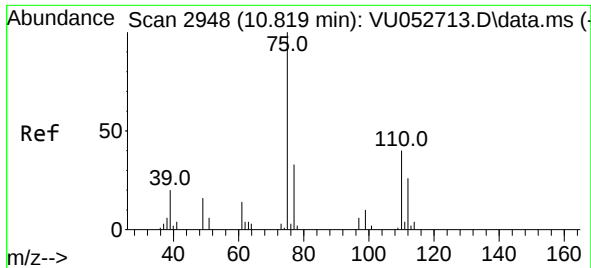
Tgt Ion: 83 Resp: 17274
Ion Ratio Lower Upper
83 100
55 0.2 67.6 101.4#
98 0.4 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU052719.D
Acq: 17 Jan 2023 14:22

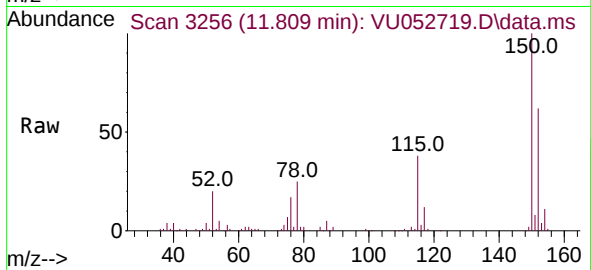
Tgt Ion: 63 Resp: 7384
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#61
 1,2,3-Trichloropropane
 Concen: 0.970 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052719.D
 Acq: 17 Jan 2023 14:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6520
 Ion Ratio Lower Upper
 75 100
 110 0.6 27.2 40.8#
 77 30.7 24.0 36.0

