

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054983.D
 Acq On : 30 Aug 2023 02:53
 Operator : MD/SY
 Sample : 04173-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 04:01:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

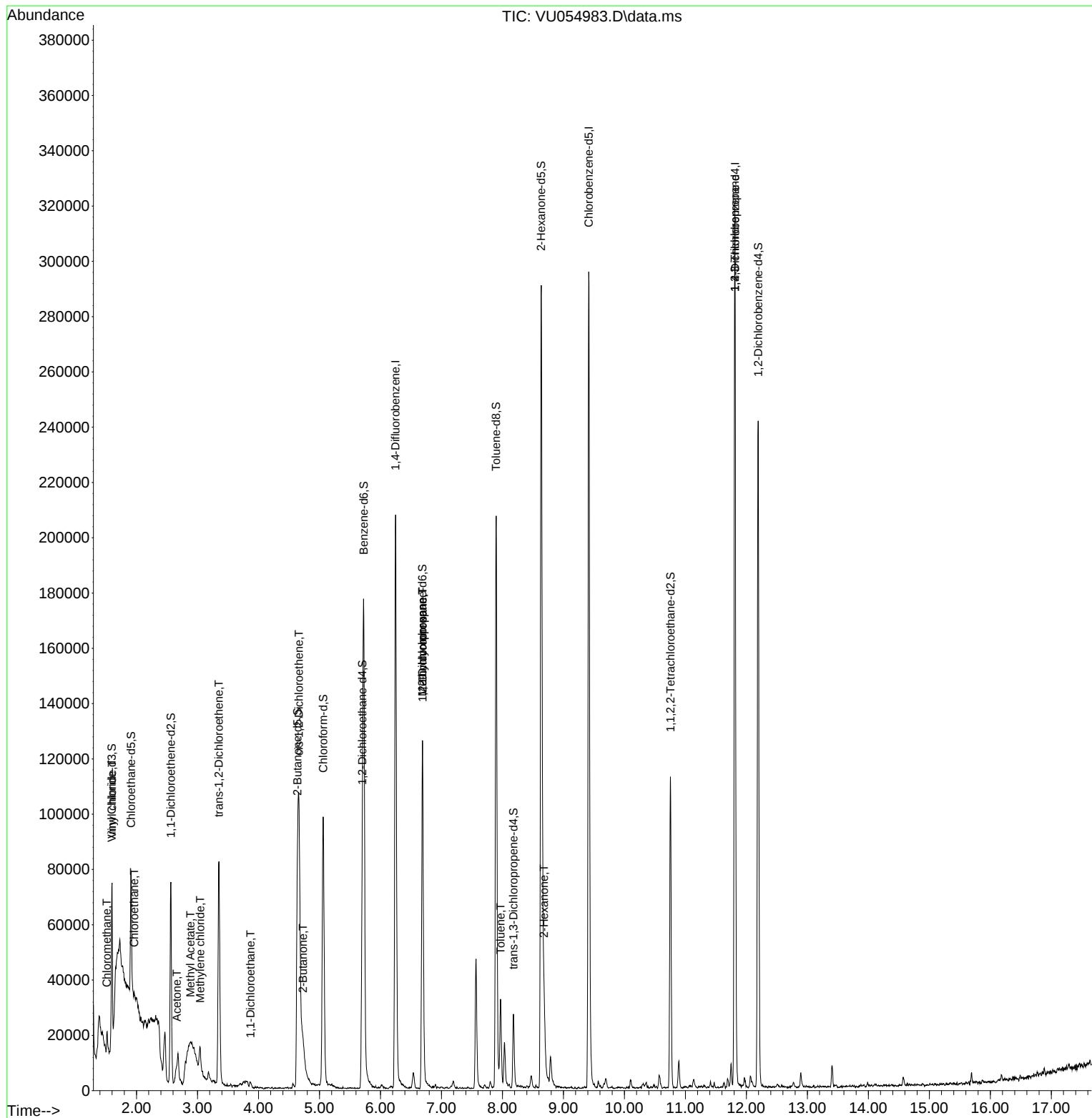
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	159240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81245	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23214	4.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.911	69	30570	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	13370	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.640	46	145515	51.098	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.200%
24) Chloroform-d	5.062	84	89922	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.701	65	48835	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.724	84	158311	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.689	67	57992	4.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.898	98	141058	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.180	79	15438	3.726	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.634	63	94836	48.227	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.460%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	54432	5.042	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	61509	4.742	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5244	0.485	ug/L	99
5) Vinyl chloride	1.599	62	20663	1.842	ug/L	89
8) Chloroethane	1.962	64	2053	0.278	ug/L #	52
13) Acetone	2.660	43	14319	9.302	ug/L	84
15) Methyl Acetate	2.885	43	1927	0.612	ug/L #	51
16) Methylene chloride	3.042	84	3445	0.297	ug/L	84
18) trans-1,2-Dichloroethene	3.351	96	32453	3.935	ug/L	95
19) 1,1-Dichloroethane	3.869	63	2779	0.161	ug/L	97
21) 2-Butanone	4.730	43	20850	8.840	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	27582	2.805	ug/L	95
35) Methylcyclohexane	6.689	83	13590	0.882	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	6603	0.630	ug/L #	90
42) Toluene	7.968	91	21955	0.527	ug/L	100
48) 2-Hexanone	8.682	43	15315	3.542	ug/L #	77
61) 1,2,3-Trichloropropane	11.811	75	11549	1.909	ug/L #	68

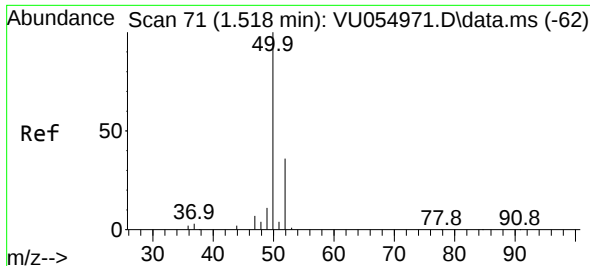
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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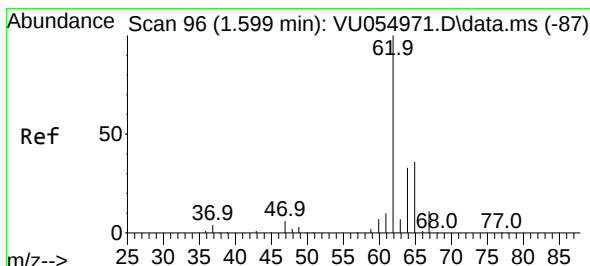
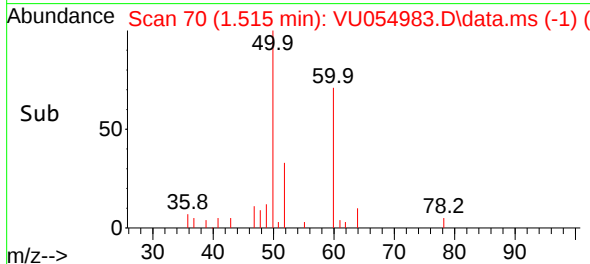
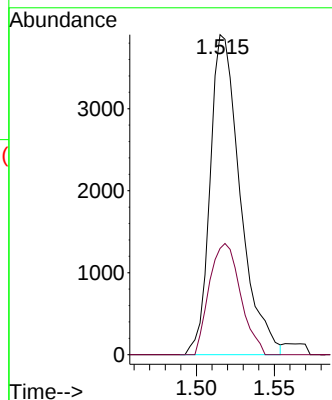
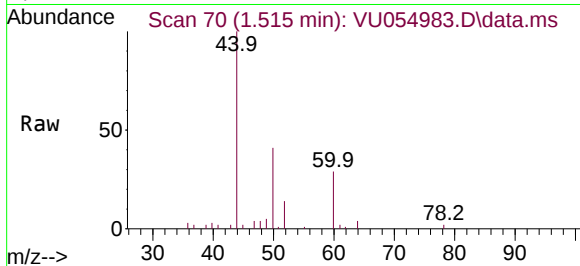




#3
Chloromethane
Concen: 0.485 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

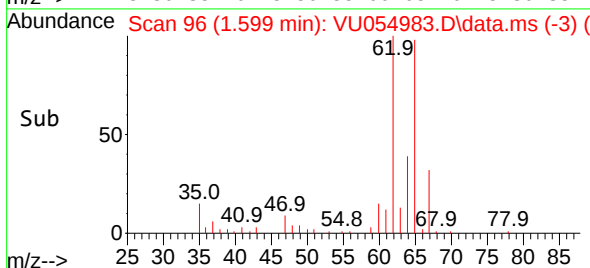
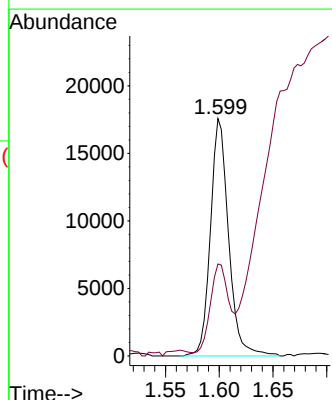
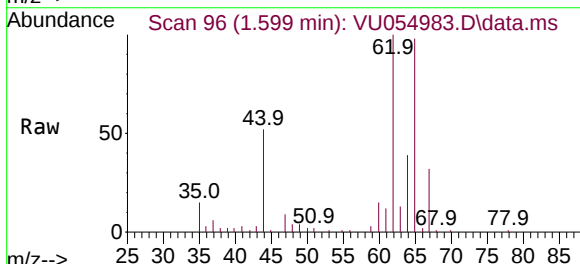
Instrument :
MSVOA_U
ClientSampleId :

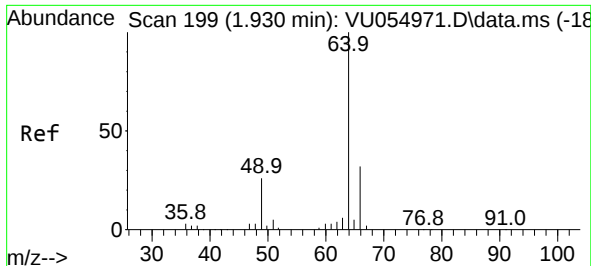
Tgt Ion: 50 Resp: 5244
Ion Ratio Lower Upper
50 100
52 33.2 23.4 43.6



#5
Vinyl chloride
Concen: 1.842 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

Tgt Ion: 62 Resp: 20663
Ion Ratio Lower Upper
62 100
64 38.7 22.7 42.1





#8

Chloroethane

Concen: 0.278 ug/L

RT: 1.962 min Scan# 20

Delta R.T. 0.032 min

Lab File: VU054983.D

Acq: 30 Aug 2023 02:53

Instrument :

MSVOA_U

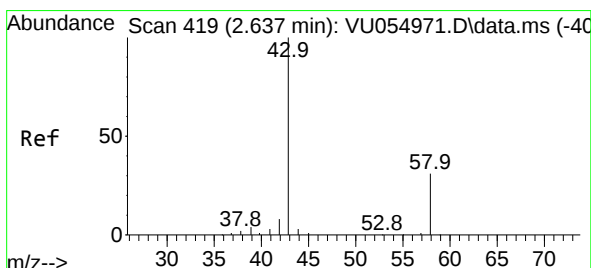
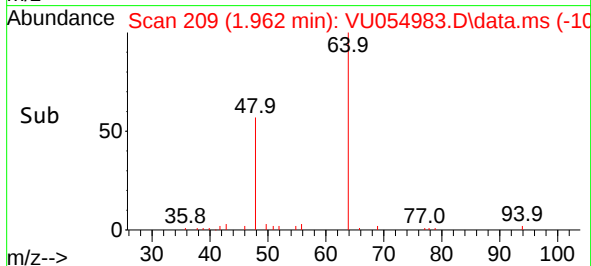
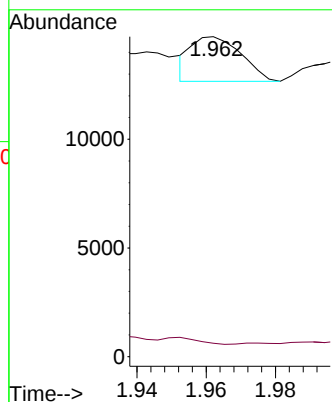
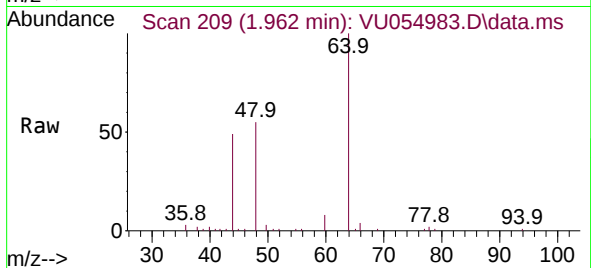
ClientSampleId :

Tgt Ion: 64 Resp: 2053

Ion Ratio Lower Upper

64 100

66 4.2 21.5 39.9#



#13

Acetone

Concen: 9.302 ug/L

RT: 2.660 min Scan# 426

Delta R.T. 0.022 min

Lab File: VU054983.D

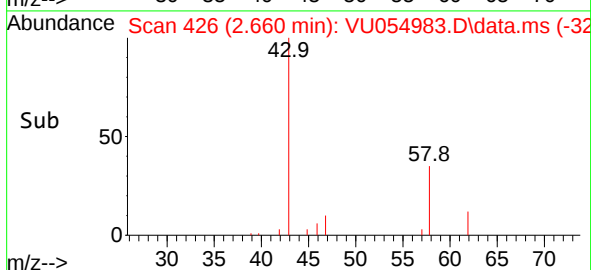
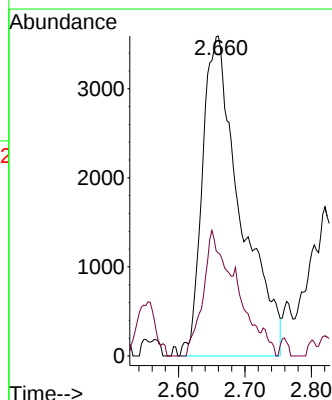
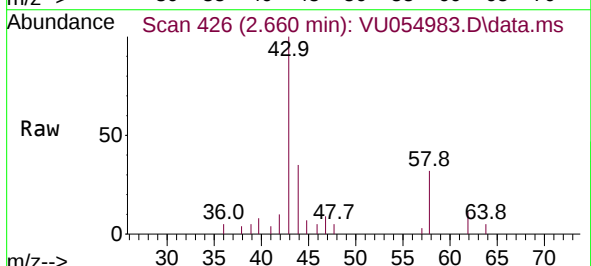
Acq: 30 Aug 2023 02:53

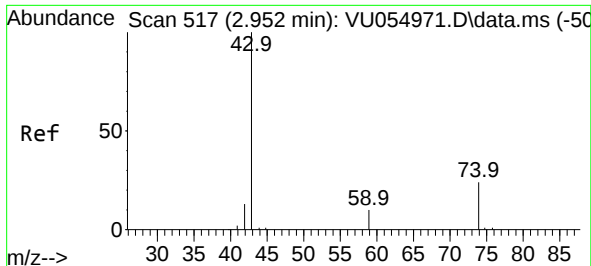
Tgt Ion: 43 Resp: 14319

Ion Ratio Lower Upper

43 100

58 23.2 0.0 64.4

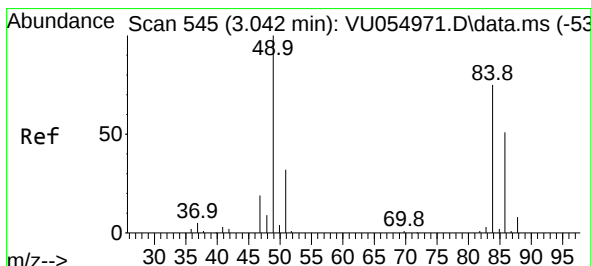
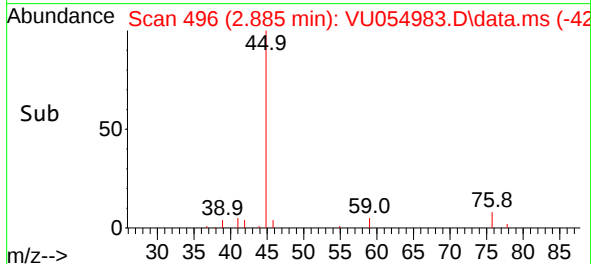
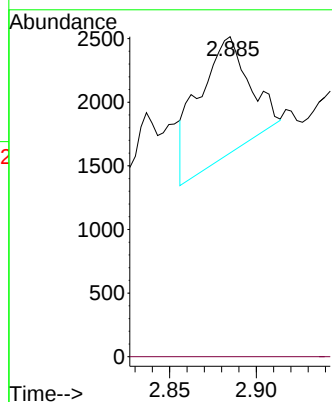
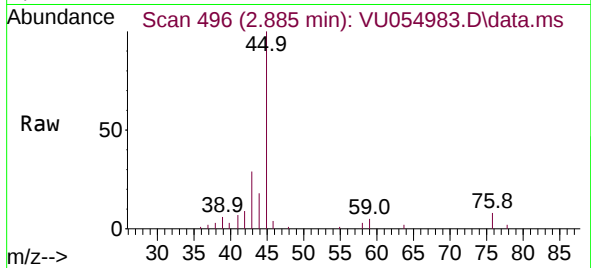




#15
Methyl Acetate
Concen: 0.612 ug/L
RT: 2.885 min Scan# 496
Delta R.T. -0.068 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

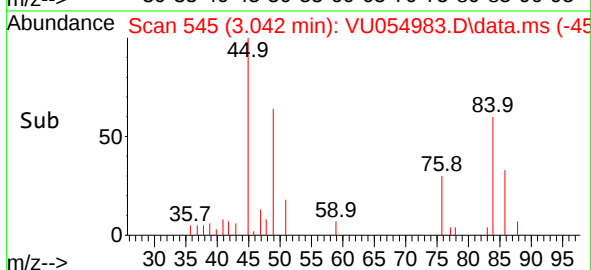
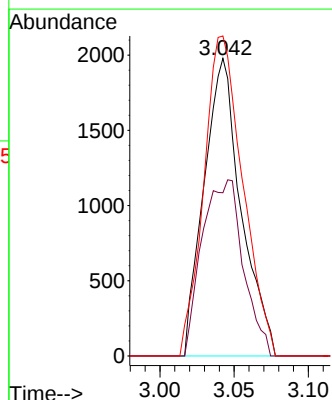
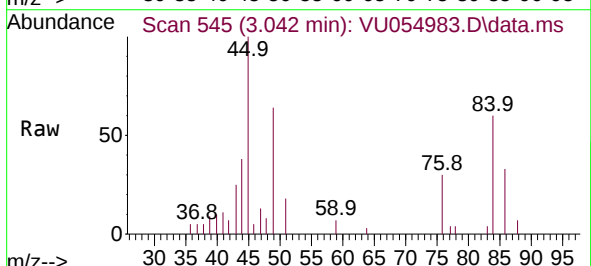
Instrument :
MSVOA_U
ClientSampleId :

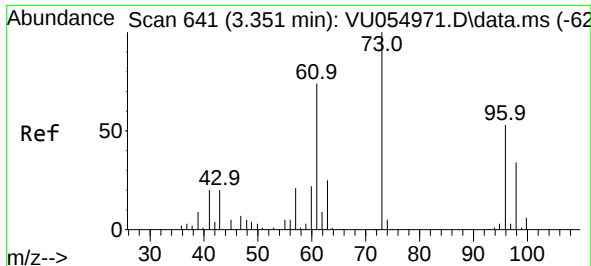
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#16
Methylene chloride
Concen: 0.297 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

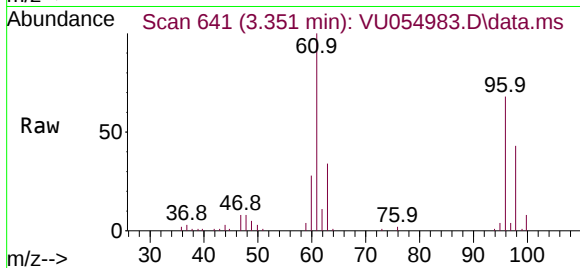
Tgt Ion: 84 Resp: 3445
Ion Ratio Lower Upper
84 100
86 54.8 45.1 83.7
49 107.5 89.5 166.3





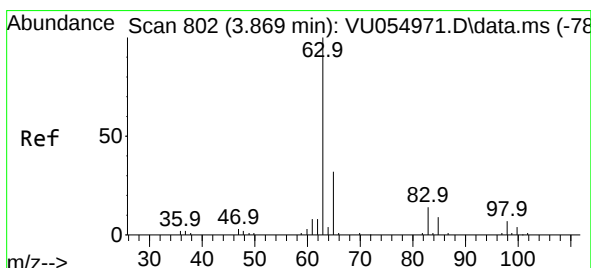
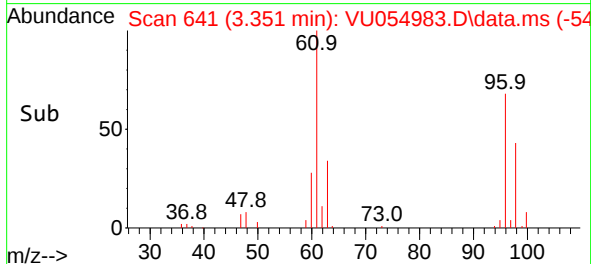
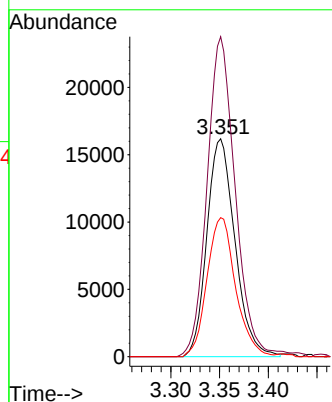
#18
trans-1,2-Dichloroethene
Concen: 3.935 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 32453

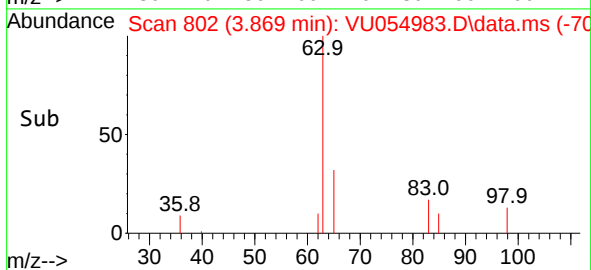
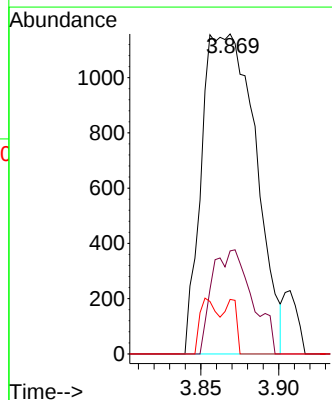
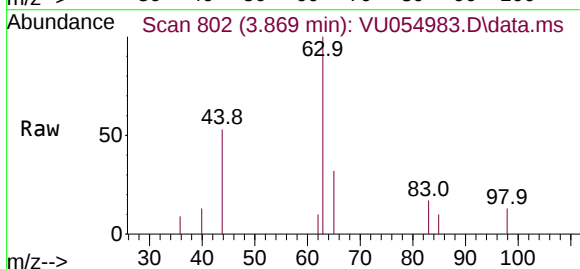
Ion	Ratio	Lower	Upper
96	100		
61	146.8	108.8	202.0
98	63.8	45.8	85.2

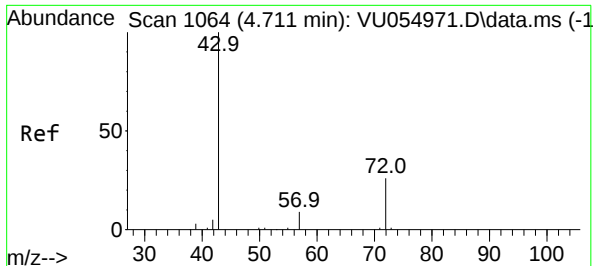


#19
1,1-Dichloroethane
Concen: 0.161 ug/L
RT: 3.869 min Scan# 802
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

Tgt Ion: 63 Resp: 2779

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.7
83	17.0	9.5	17.7





#21

2-Butanone

Concen: 8.840 ug/L

RT: 4.730 min Scan# 1070

Delta R.T. 0.019 min

Lab File: VU054983.D

Acq: 30 Aug 2023 02:53

Instrument :

MSVOA_U

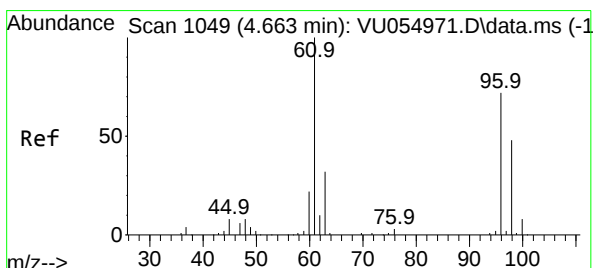
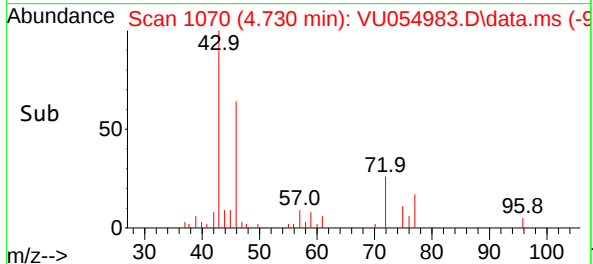
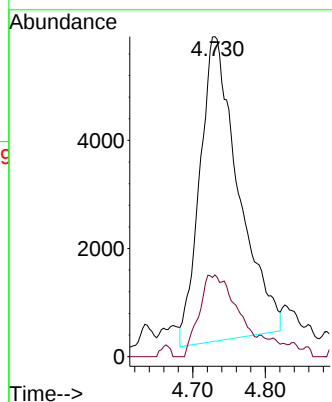
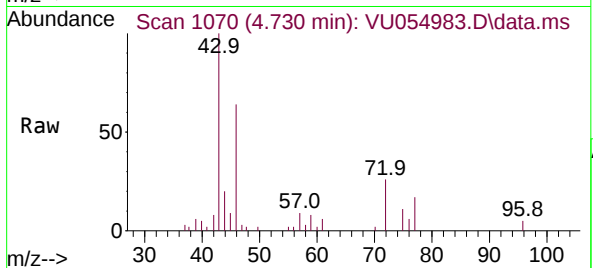
ClientSampleId :

Tgt Ion: 43 Resp: 20850

Ion Ratio Lower Upper

43 100

72 26.4 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 2.805 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU054983.D

Acq: 30 Aug 2023 02:53

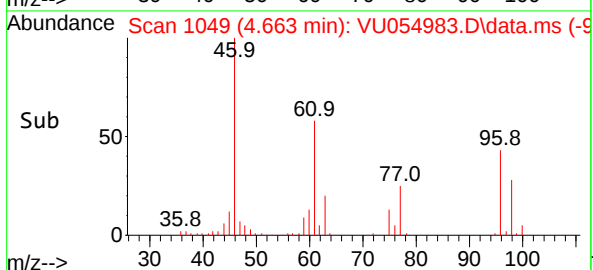
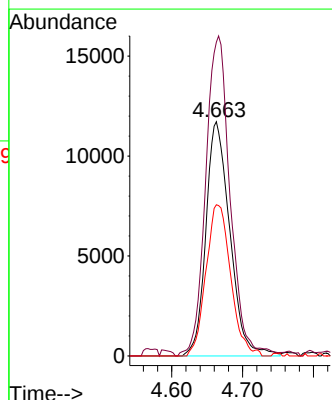
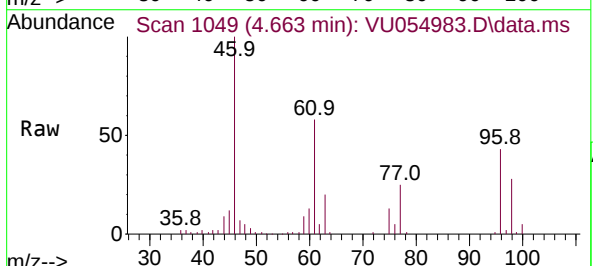
Tgt Ion: 96 Resp: 27582

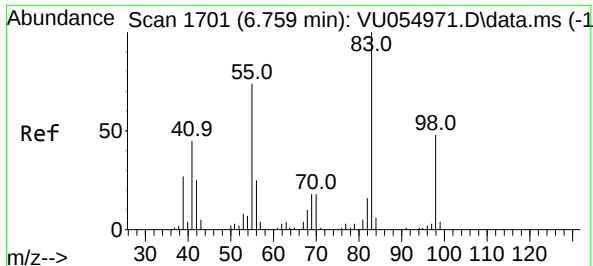
Ion Ratio Lower Upper

96 100

61 133.9 88.4 164.2

98 64.5 44.0 81.6





#35

Methylcyclohexane

Concen: 0.882 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054983.D

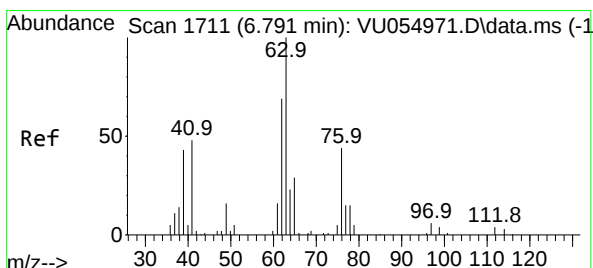
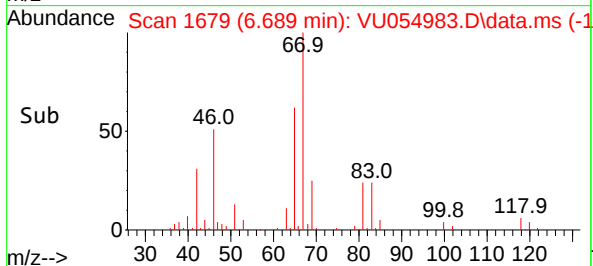
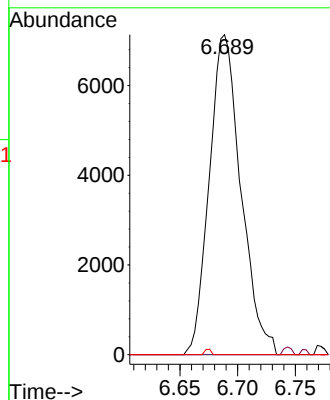
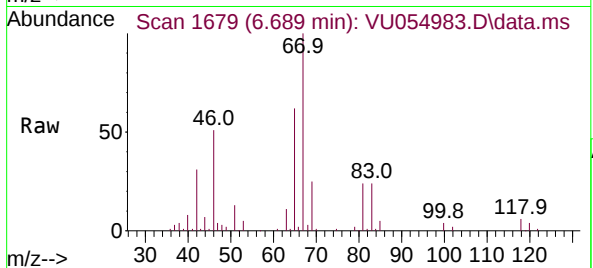
Acq: 30 Aug 2023 02:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	13590
Ion Ratio	Lower	Upper
83	100	
55	0.6	62.1 93.1#
98	0.3	37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.630 ug/L

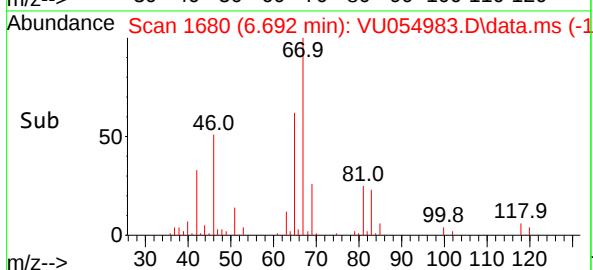
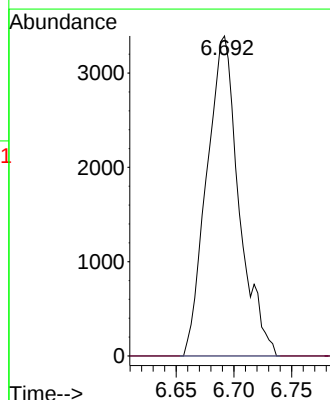
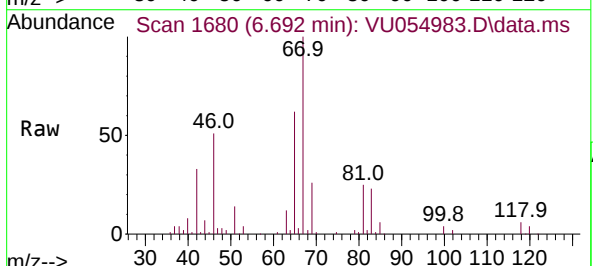
RT: 6.692 min Scan# 1680

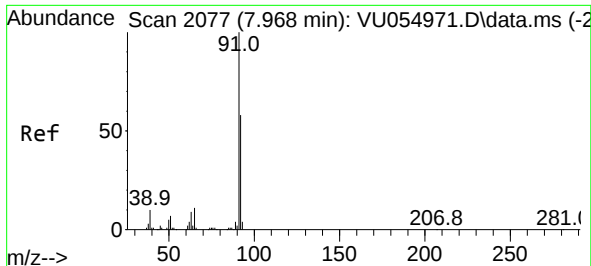
Delta R.T. -0.100 min

Lab File: VU054983.D

Acq: 30 Aug 2023 02:53

Tgt Ion: 63	Resp:	6603
Ion Ratio	Lower	Upper
63	100	
112	0.0	2.7 4.1#

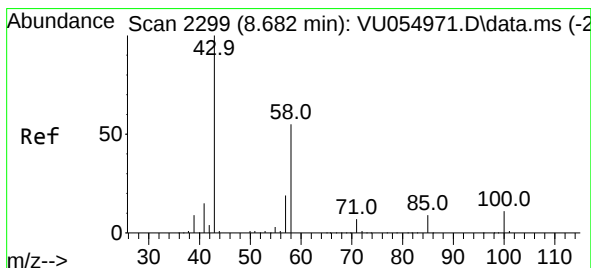
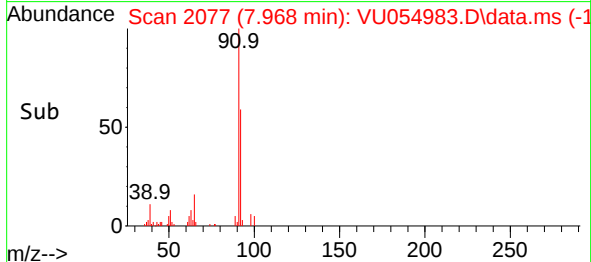
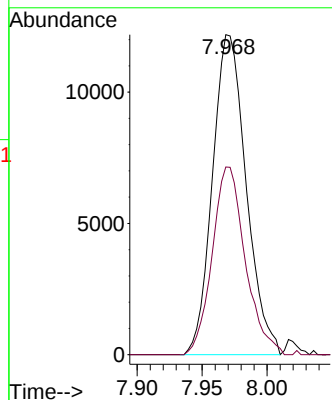
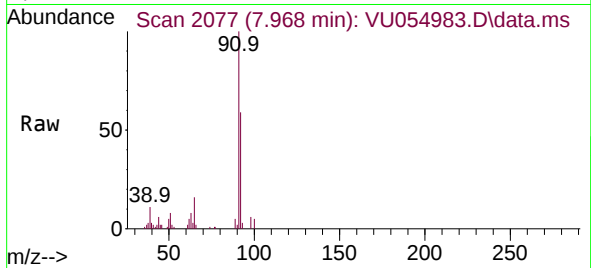




#42
Toluene
Concen: 0.527 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

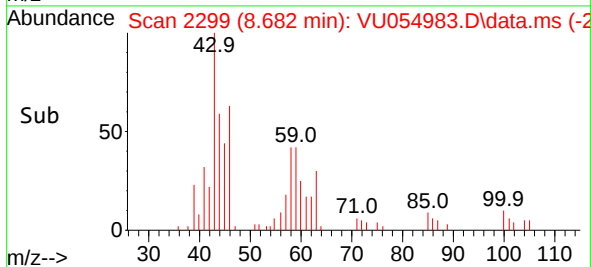
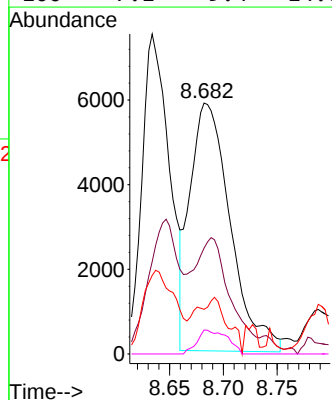
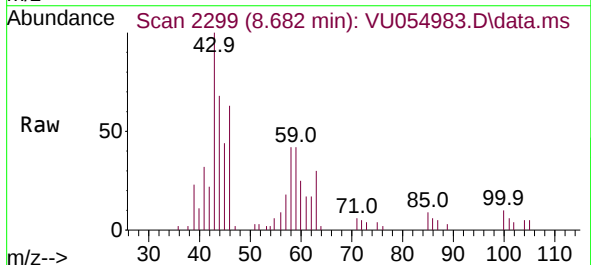
Instrument :
MSVOA_U
ClientSampleId :

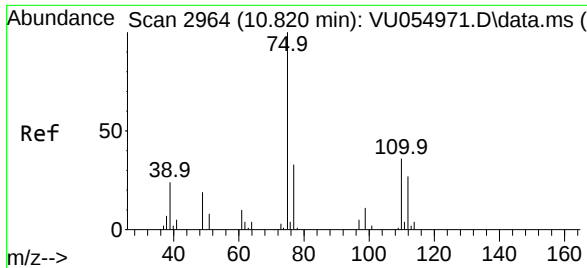
Tgt Ion: 91 Resp: 21955
Ion Ratio Lower Upper
91 100
92 58.7 41.2 76.4



#48
2-Hexanone
Concen: 3.542 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054983.D
Acq: 30 Aug 2023 02:53

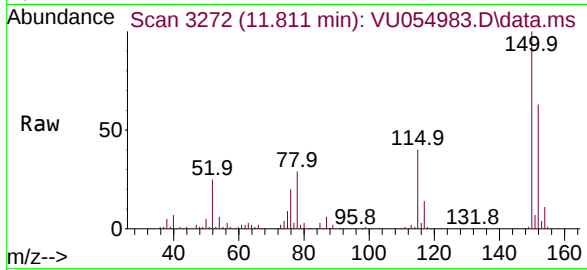
Tgt Ion: 43 Resp: 15315
Ion Ratio Lower Upper
43 100
58 32.2 44.0 66.0#
57 17.8 15.9 23.9
100 7.1 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.909 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054983.D
 Acq: 30 Aug 2023 02:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11549
Ion	Ratio	Lower	Upper
75	100		
110	1.0	29.0	43.6#
77	34.1	26.5	39.7

