

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054927.D
 Acq On : 28 Aug 2023 16:34
 Operator : MD/SY
 Sample : 04173-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 04:59:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

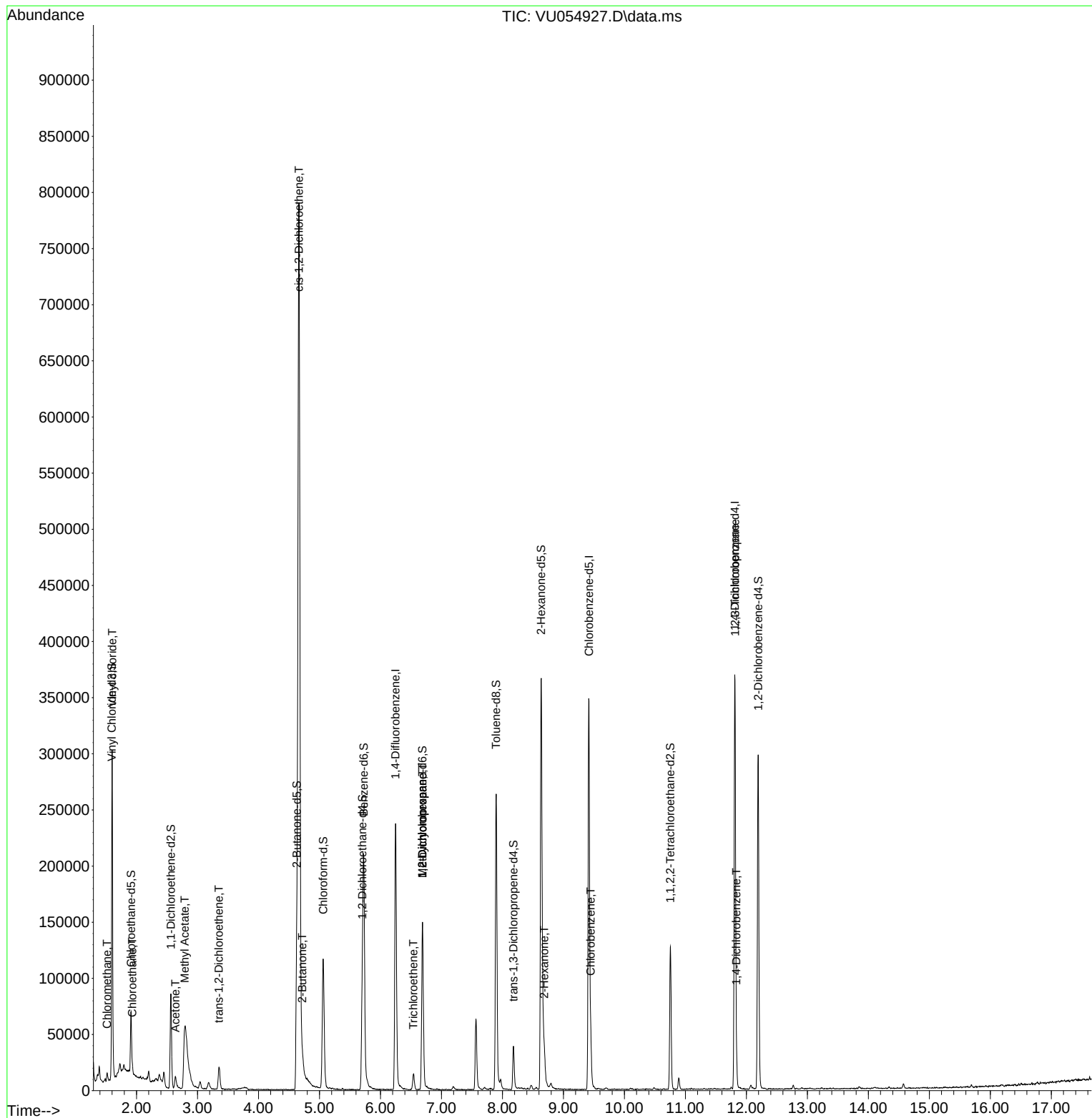
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189040	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	186312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29142	4.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.910	69	36951	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.563	65	15606	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.627	46	181586	56.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.760%
24) Chloroform-d	5.061	84	105597	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.701	65	60469	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.727	84	191932	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.688	67	68828	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.897	98	178971	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.180	79	21374	4.409	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.634	63	123893	53.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62749	4.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	71493	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5160	0.422	ug/L	97
5) Vinyl chloride	1.602	62	183257	14.444	ug/L	99
8) Chloroethane	1.930	64	3987	0.478	ug/L #	73
13) Acetone	2.637	43	15160	8.708	ug/L	97
15) Methyl Acetate	2.791	43	16768	4.705	ug/L #	51
18) trans-1,2-Dichloroethene	3.351	96	8425	0.903	ug/L	95
21) 2-Butanone	4.717	43	33512	12.563	ug/L #	58
22) cis-1,2-Dichloroethene	4.663	96	380838	34.245	ug/L	94
34) Trichloroethene	6.541	95	4059	0.333	ug/L	91
35) Methylcyclohexane	6.688	83	14961	0.830	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7872	0.642	ug/L #	90
48) 2-Hexanone	8.685	43	17860	3.531	ug/L #	91
51) Chlorobenzene	9.447	112	22191	0.699	ug/L	95
61) 1,2,3-Trichloropropane	11.814	75	14980	2.149	ug/L #	68
65) 1,4-Dichlorobenzene	11.836	146	5770	0.247	ug/L	91

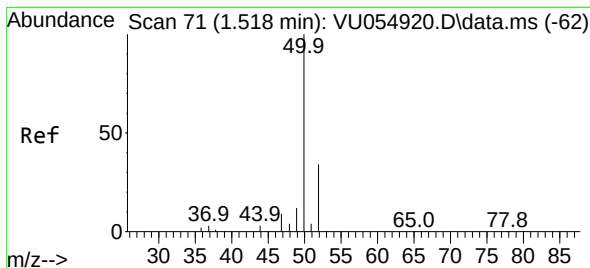
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:51:39 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.422 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU054927.D

Acq: 28 Aug 2023 16:34

Instrument :

MSVOA_U

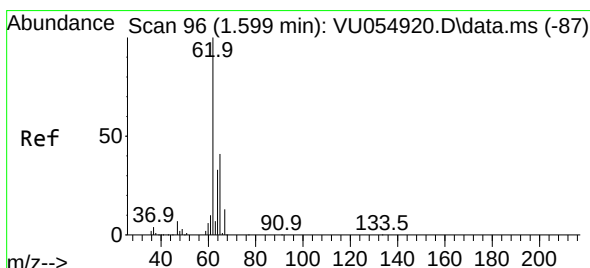
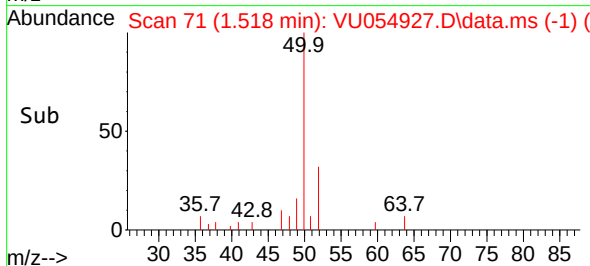
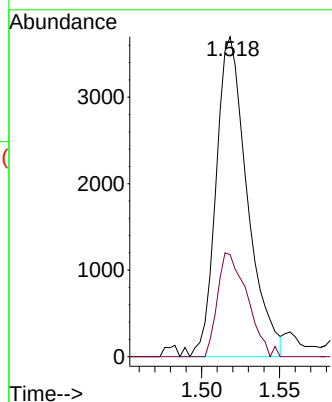
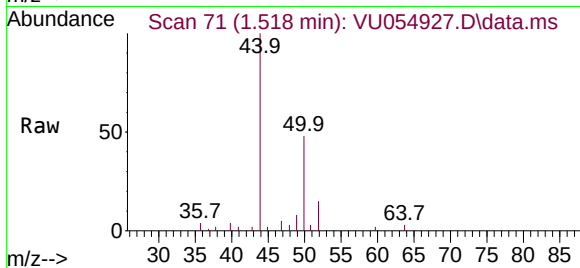
ClientSampleId :

Tgt Ion: 50 Resp: 5160

Ion Ratio Lower Upper

50 100

52 31.9 23.4 43.6



#5

Vinyl chloride

Concen: 14.444 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU054927.D

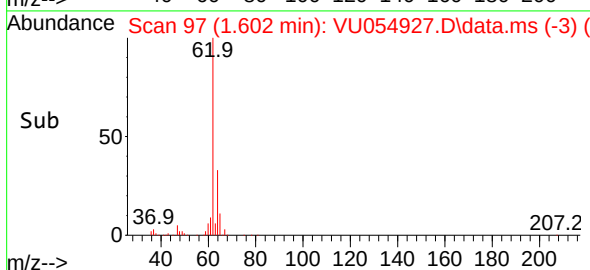
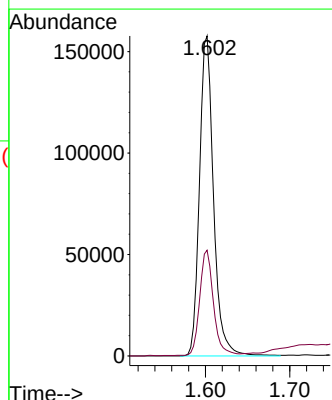
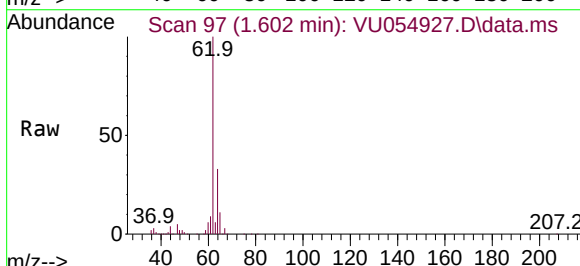
Acq: 28 Aug 2023 16:34

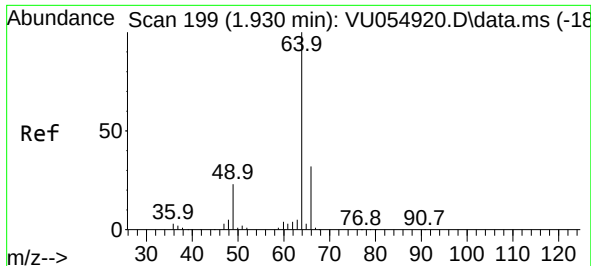
Tgt Ion: 62 Resp: 183257

Ion Ratio Lower Upper

62 100

64 33.0 22.7 42.1

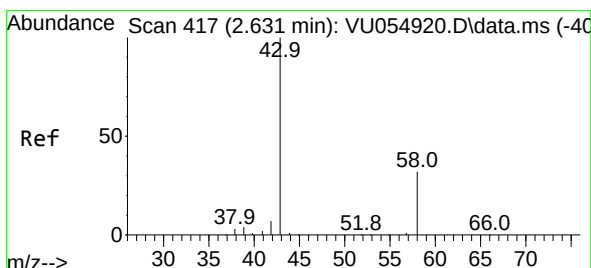
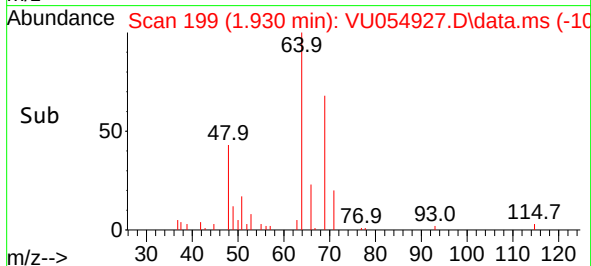
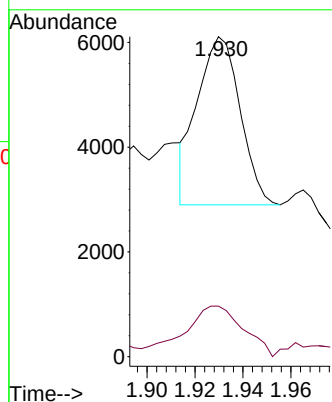
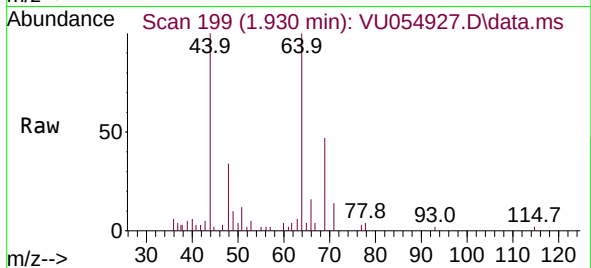




#8
Chloroethane
Concen: 0.478 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

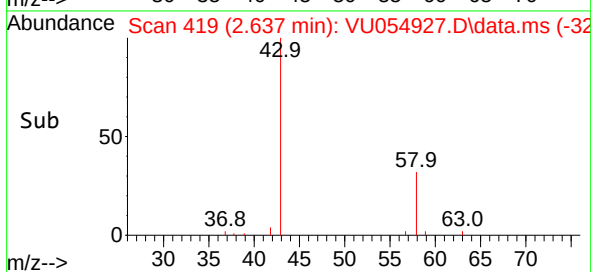
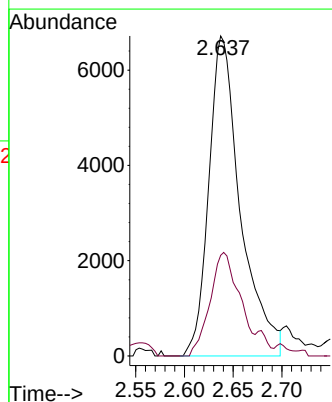
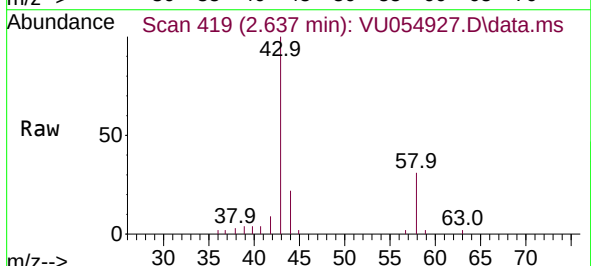
Instrument :
MSVOA_U
ClientSampleId :

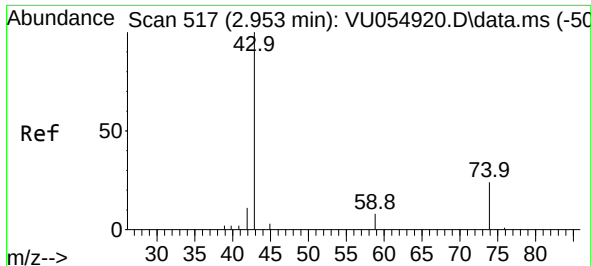
Tgt Ion: 64 Resp: 3987
Ion Ratio Lower Upper
64 100
66 15.8 21.5 39.9#



#13
Acetone
Concen: 8.708 ug/L
RT: 2.637 min Scan# 419
Delta R.T. 0.006 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

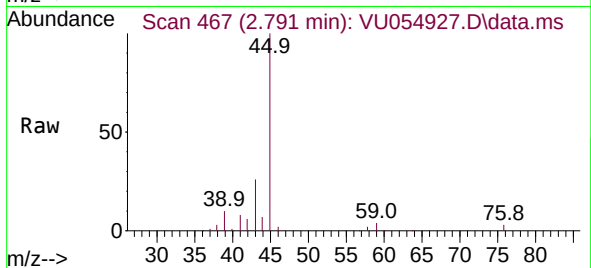
Tgt Ion: 43 Resp: 15160
Ion Ratio Lower Upper
43 100
58 30.3 0.0 64.4



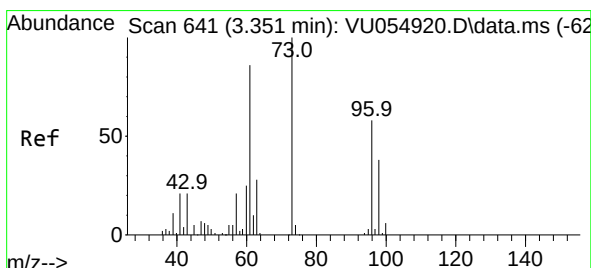
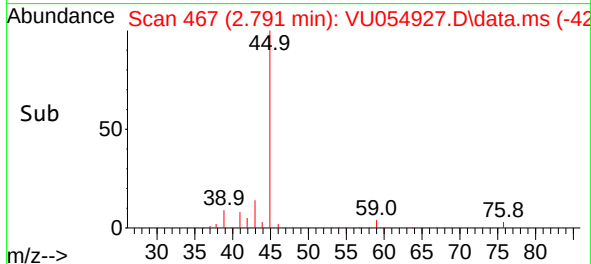
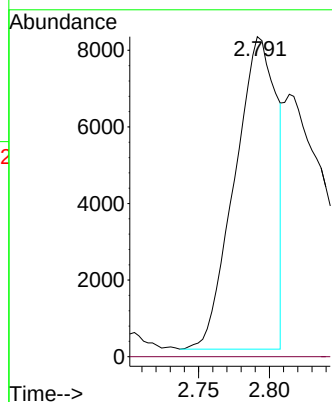


#15
Methyl Acetate
Concen: 4.705 ug/L
RT: 2.791 min Scan# 41
Delta R.T. -0.161 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

Instrument :
MSVOA_U
ClientSampleId :

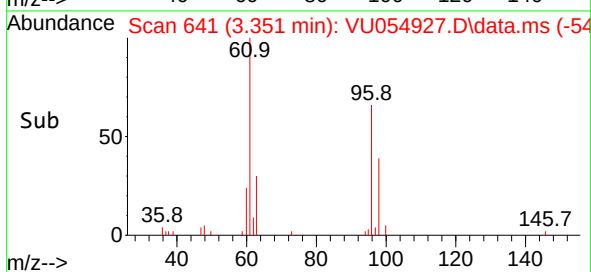
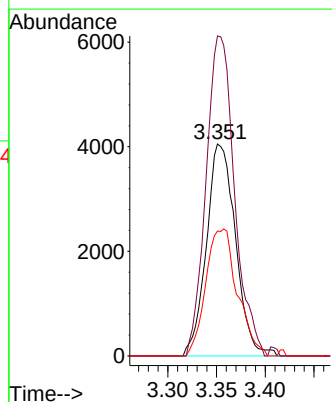
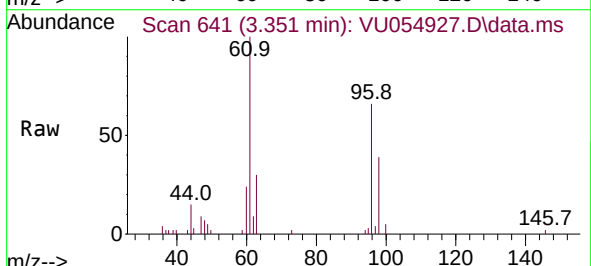


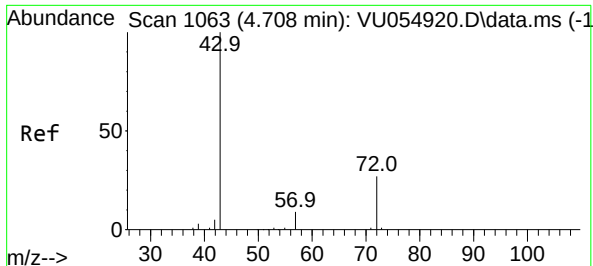
Tgt Ion: 43 Resp: 16768
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#18
trans-1,2-Dichloroethene
Concen: 0.903 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

Tgt Ion: 96 Resp: 8425
Ion Ratio Lower Upper
96 100
61 151.0 108.8 202.0
98 59.0 45.8 85.2





#21

2-Butanone

Concen: 12.563 ug/L

RT: 4.717 min Scan# 1066

Delta R.T. 0.009 min

Lab File: VU054927.D

Acq: 28 Aug 2023 16:34

Instrument :

MSVOA_U

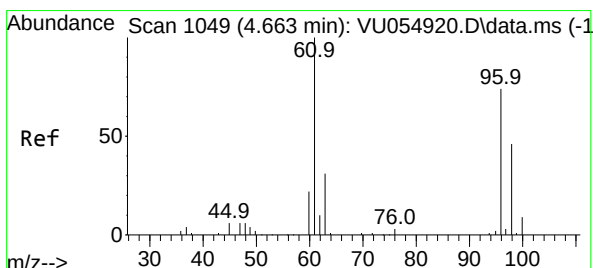
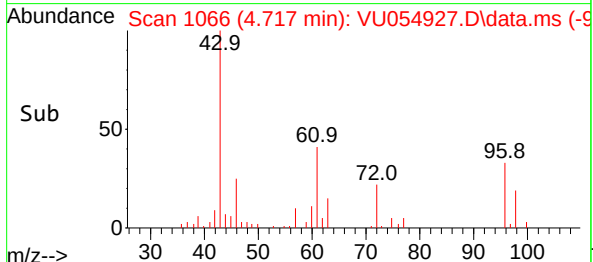
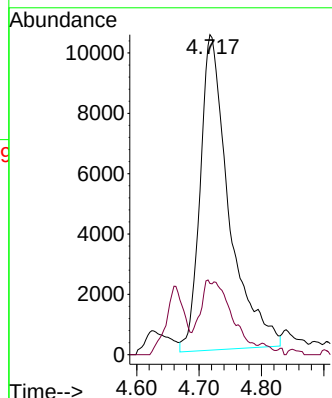
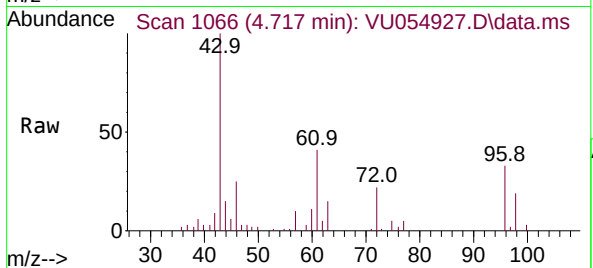
ClientSampleId :

Tgt Ion: 43 Resp: 33512

Ion Ratio Lower Upper

43 100

72 6.0 14.1 42.3#



#22

cis-1,2-Dichloroethene

Concen: 34.245 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU054927.D

Acq: 28 Aug 2023 16:34

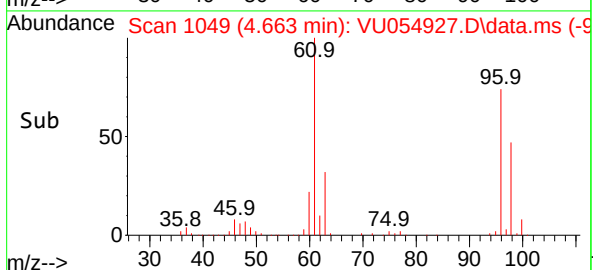
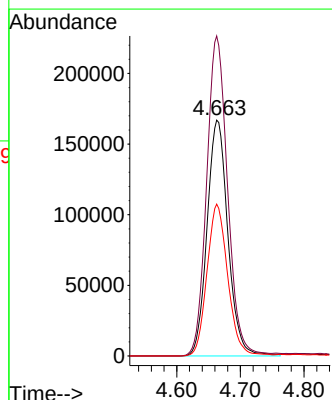
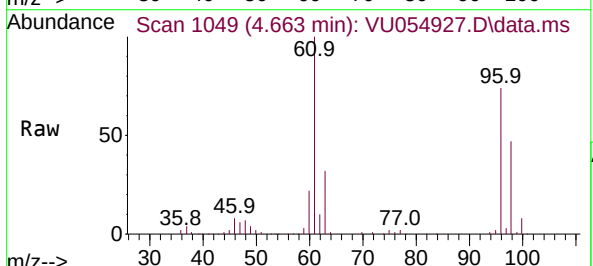
Tgt Ion: 96 Resp: 380838

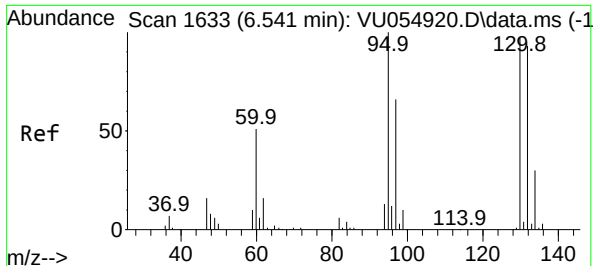
Ion Ratio Lower Upper

96 100

61 135.7 88.4 164.2

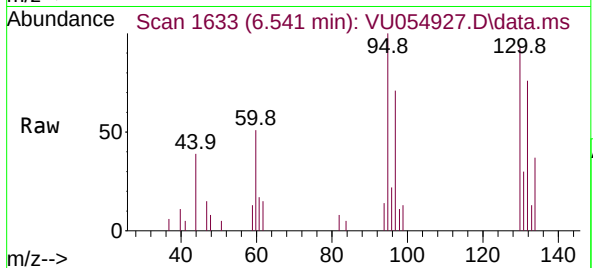
98 64.4 44.0 81.6



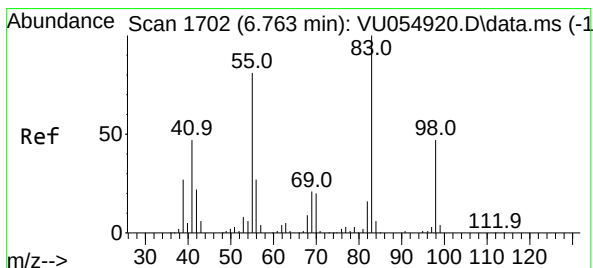
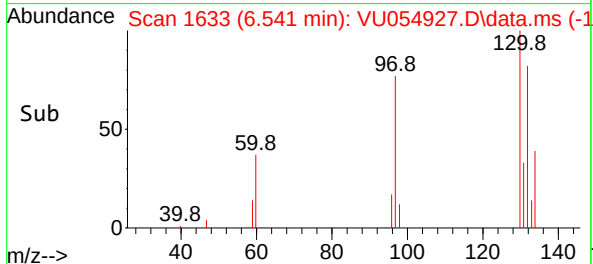
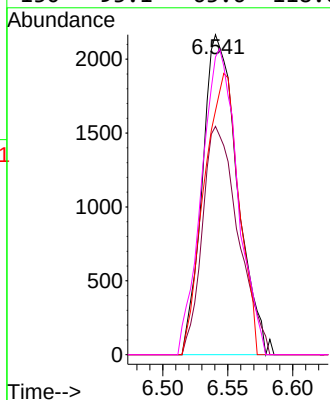


#34
Trichloroethene
Concen: 0.333 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

Instrument :
MSVOA_U
ClientSampleId :

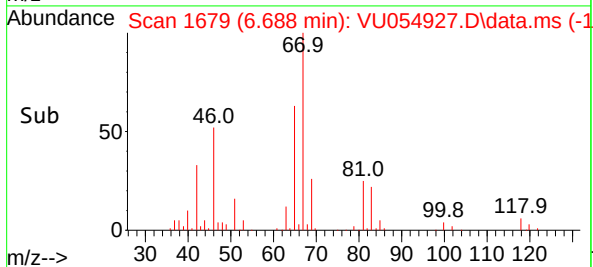
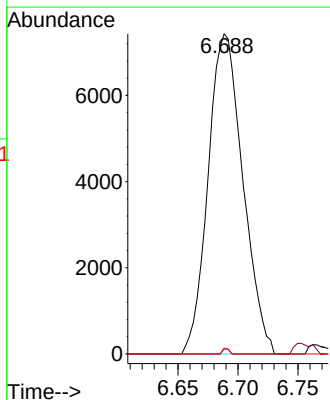
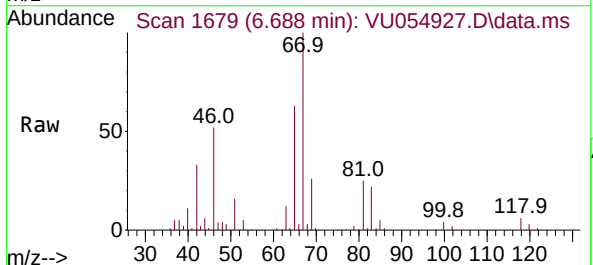


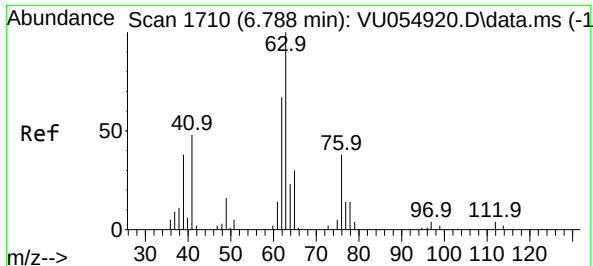
Tgt Ion:	95	Resp:	4059
Ion	Ratio	Lower	Upper
95	100		
97	71.3	44.1	81.9
132	76.2	63.6	118.2
130	93.1	63.6	118.0



#35
Methylcyclohexane
Concen: 0.830 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

Tgt Ion:	83	Resp:	14961
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.1	93.1#
98	0.3	37.8	56.6#

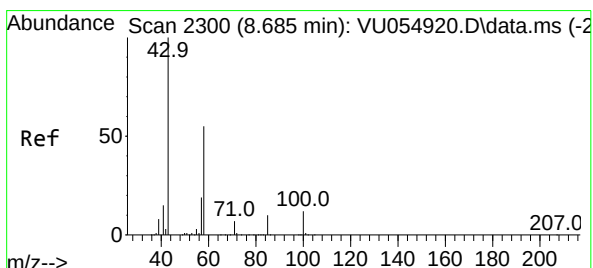
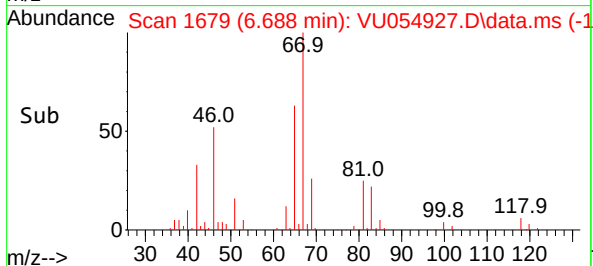
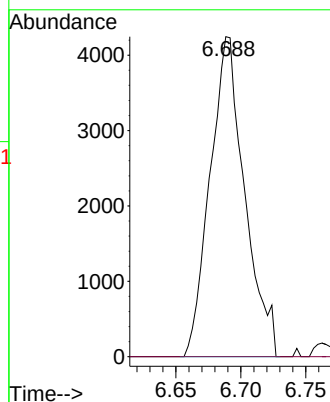
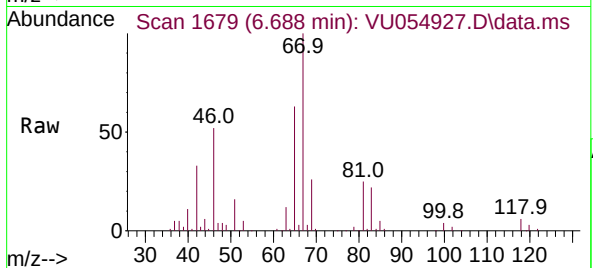




#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

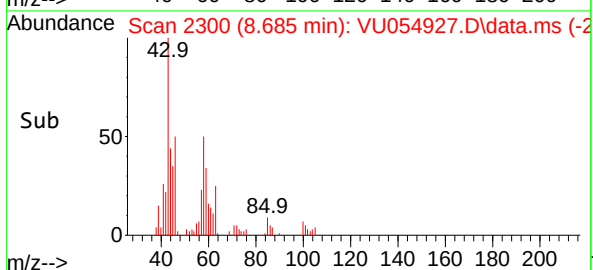
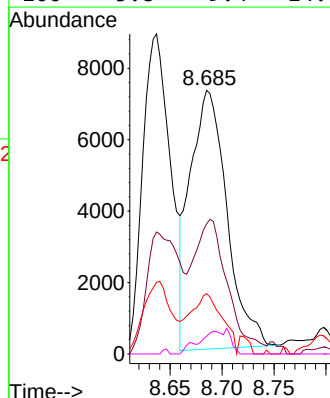
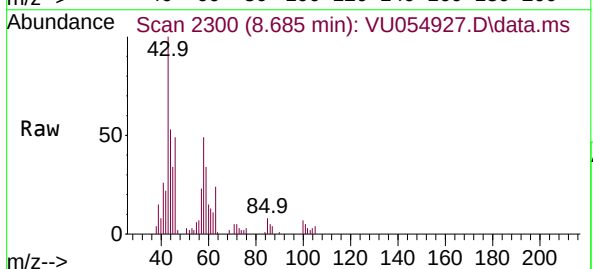
Instrument :
MSVOA_U
ClientSampleId :

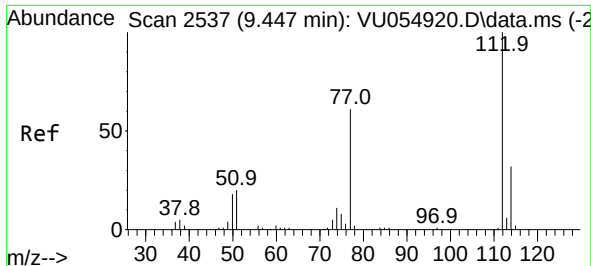
Tgt Ion: 63 Resp: 7872
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 3.531 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

Tgt Ion: 43 Resp: 17860
Ion Ratio Lower Upper
43 100
58 47.5 44.0 66.0
57 20.4 15.9 23.9
100 5.8 9.4 14.0#

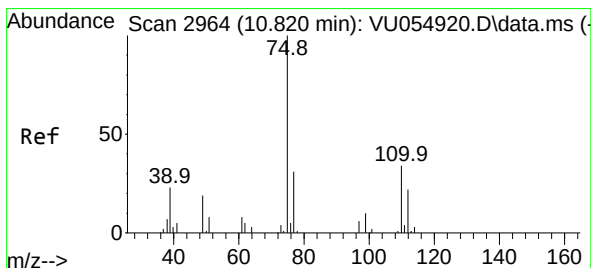
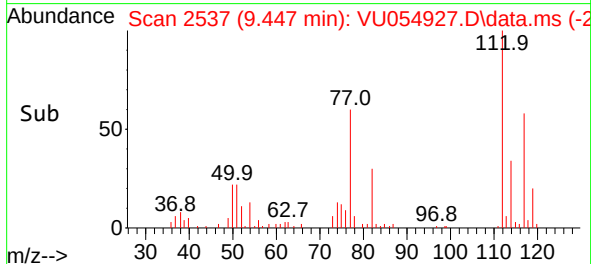
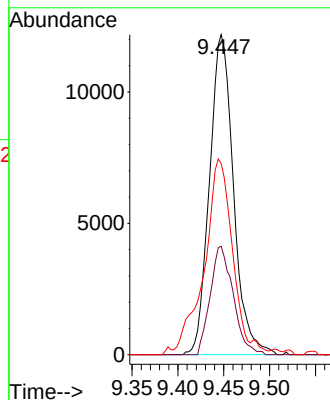
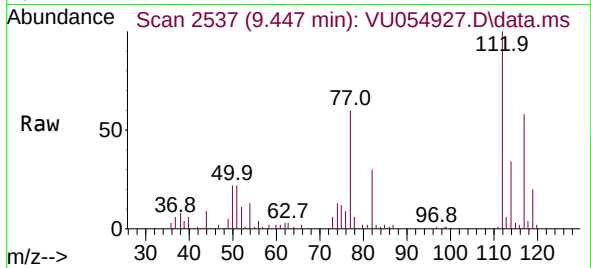




#51
Chlorobenzene
Concen: 0.699 ug/L
RT: 9.447 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

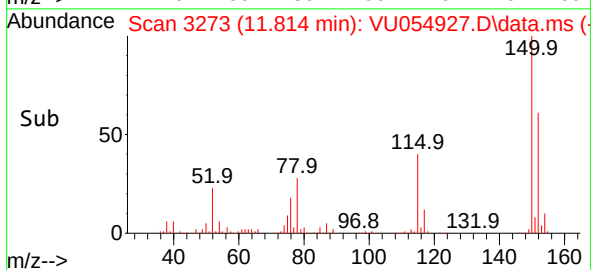
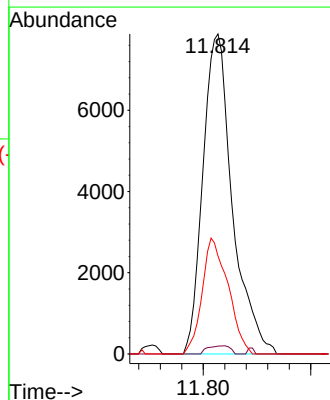
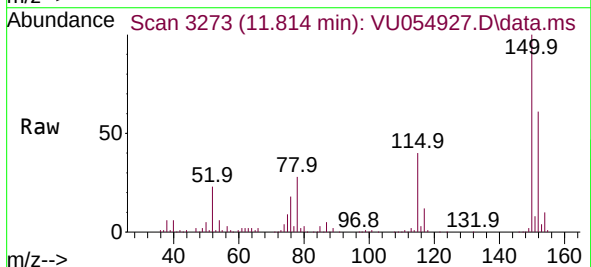
Instrument :
MSVOA_U
ClientSampleId :

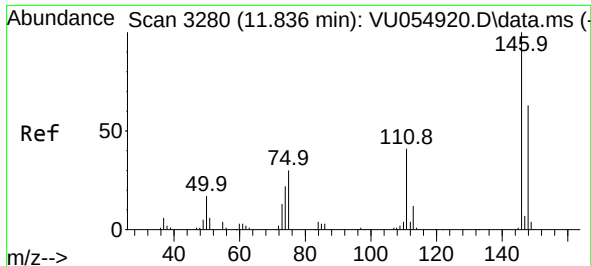
Tgt Ion:112 Resp: 22191
Ion Ratio Lower Upper
112 100
114 32.0 23.4 43.4
77 56.5 49.3 73.9



#61
1,2,3-Trichloropropane
Concen: 2.149 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.993 min
Lab File: VU054927.D
Acq: 28 Aug 2023 16:34

Tgt Ion: 75 Resp: 14980
Ion Ratio Lower Upper
75 100
110 1.9 29.0 43.6#
77 31.8 26.5 39.7





#65

1,4-Dichlorobenzene

Concen: 0.247 ug/L

RT: 11.836 min Scan# 31

Delta R.T. -0.000 min

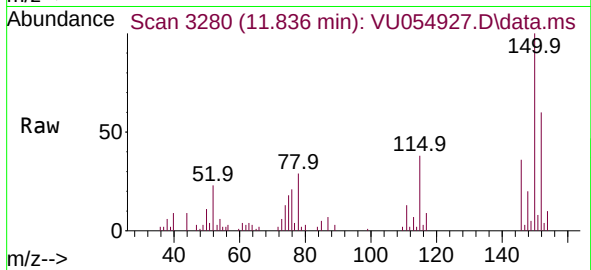
Lab File: VU054927.D

Acq: 28 Aug 2023 16:34

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 5770

Ion Ratio Lower Upper

146 100

111 37.5 29.9 55.5

148 56.0 44.7 83.1

