

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054932.D
 Acq On : 28 Aug 2023 18:37
 Operator : MD/SY
 Sample : 04173-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:01:07 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

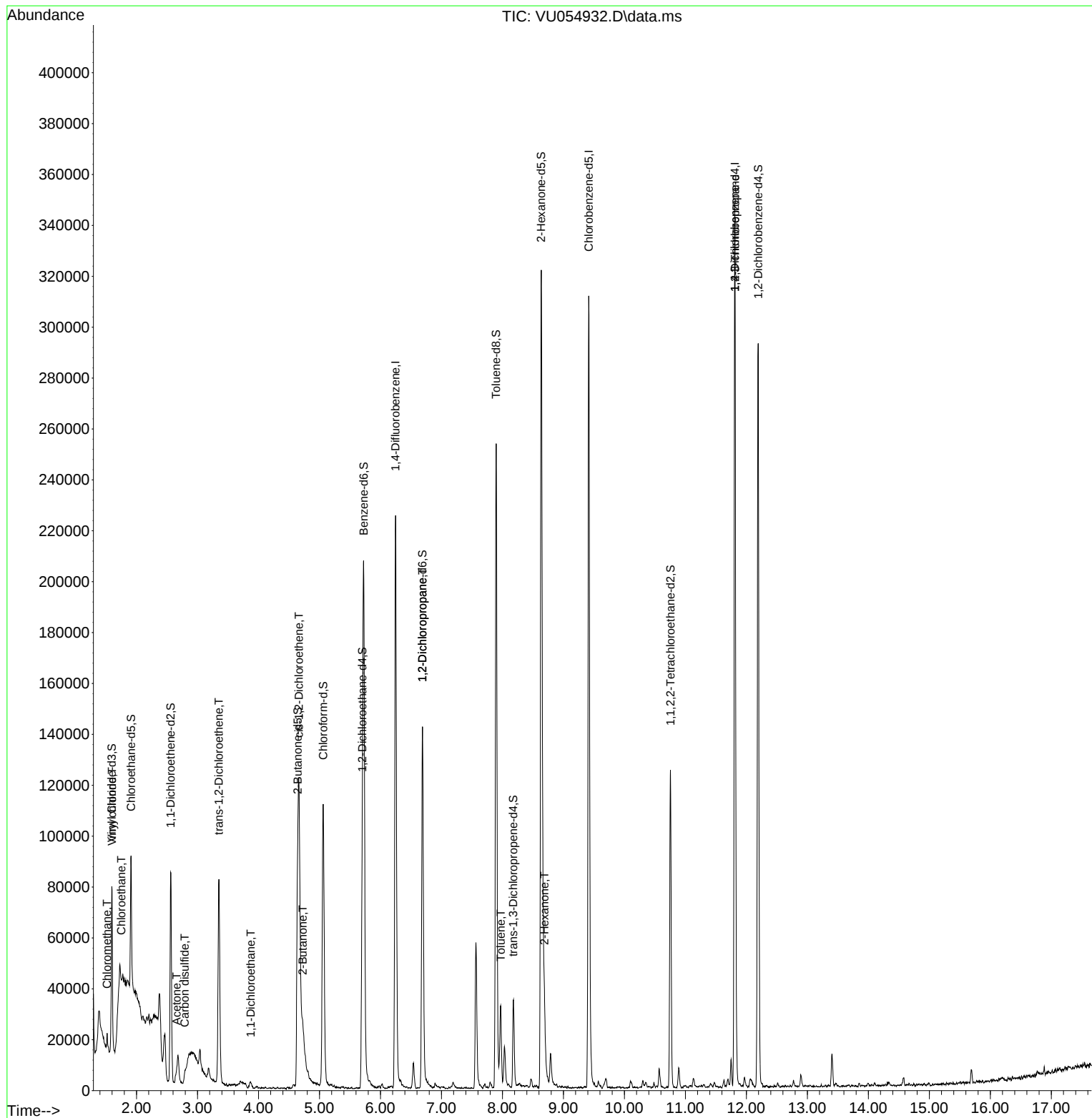
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	176404	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	88203	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26861	4.825	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.911	69	34914	4.854	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.560	65	15889	5.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	4.644	46	157943	52.554	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.100%	
24) Chloroform-d	5.062	84	104216	5.046	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.701	65	59787	5.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
32) Benzene-d6	5.727	84	186686	4.886	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.688	67	66276	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.897	98	173352	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	8.177	79	20508	4.637	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.634	63	111567	53.153	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.300%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61446	5.332	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	72483	5.147	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	4046	0.355	ug/L #	82
5) Vinyl chloride	1.599	62	21369	1.805	ug/L	98
8) Chloroethane	1.750	64	77986	10.016	ug/L #	53
13) Acetone	2.656	43	12202	7.511	ug/L	47
14) Carbon disulfide	2.792	76	4102	0.186	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	32995	3.791	ug/L	90
19) 1,1-Dichloroethane	3.872	63	2900	0.159	ug/L #	87
21) 2-Butanone	4.724	43	9260	3.720	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	31047	2.992	ug/L	98
37) 1,2-Dichloropropane	6.688	63	8462	0.757	ug/L #	90
42) Toluene	7.971	91	22745	0.511	ug/L	90
48) 2-Hexanone	8.688	43	15022	3.255	ug/L #	97
61) 1,2,3-Trichloropropane	11.814	75	12069	1.838	ug/L #	66

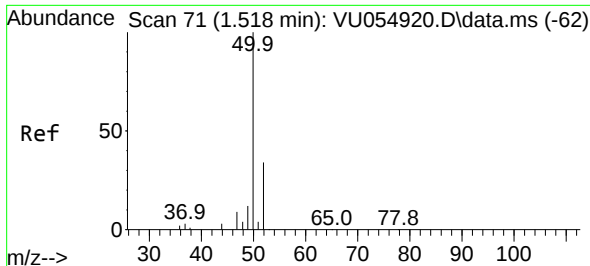
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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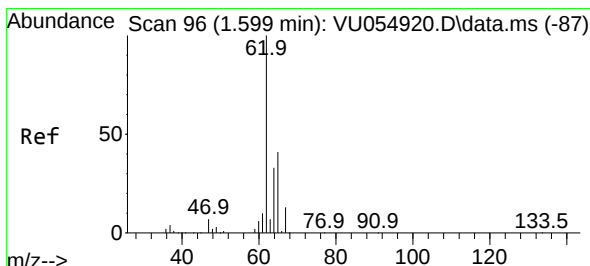
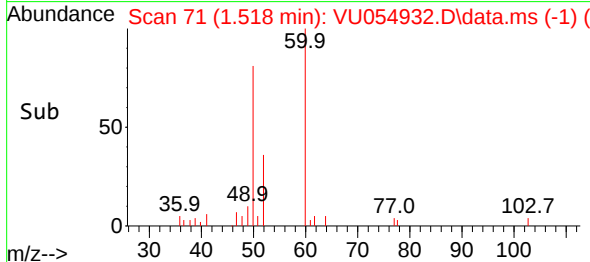
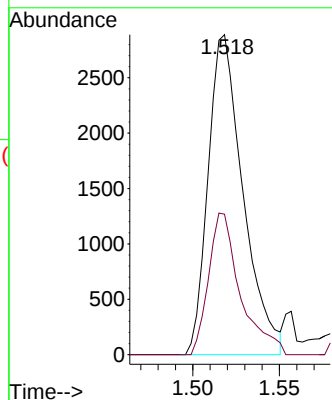
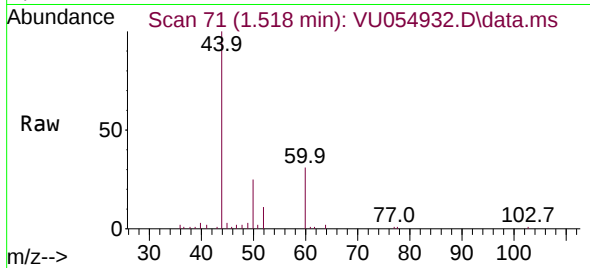




#3
Chloromethane
Concen: 0.355 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

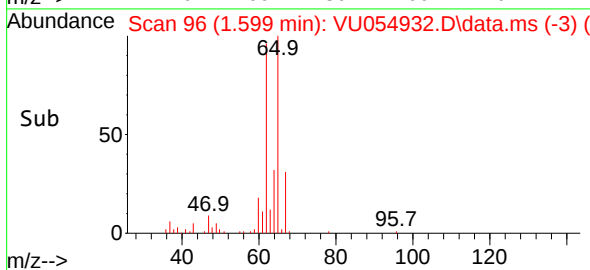
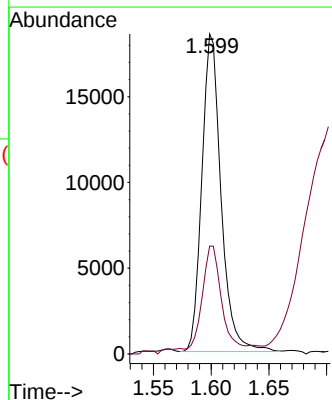
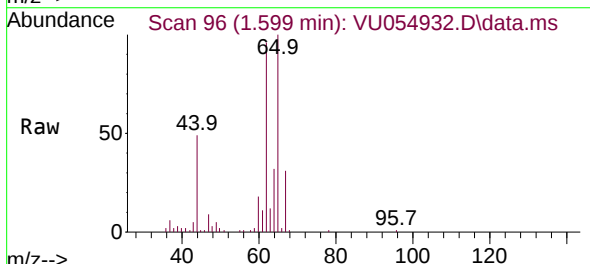
Instrument :
MSVOA_U
ClientSampleId :

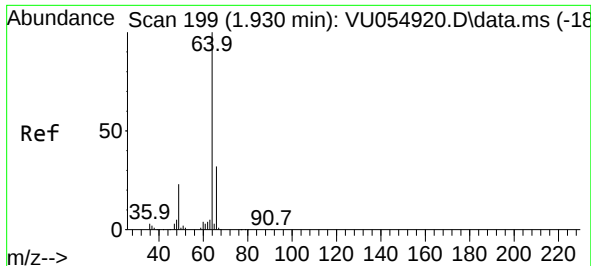
Tgt Ion: 50 Resp: 4046
Ion Ratio Lower Upper
50 100
52 43.9 23.4 43.6#



#5
Vinyl chloride
Concen: 1.805 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 62 Resp: 21369
Ion Ratio Lower Upper
62 100
64 33.7 22.7 42.1

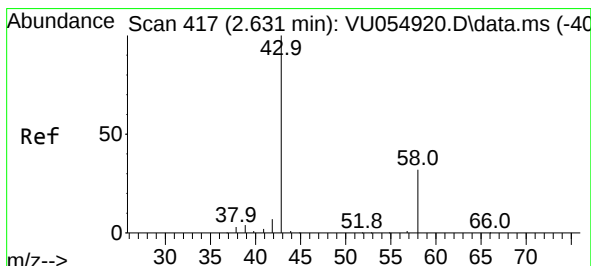
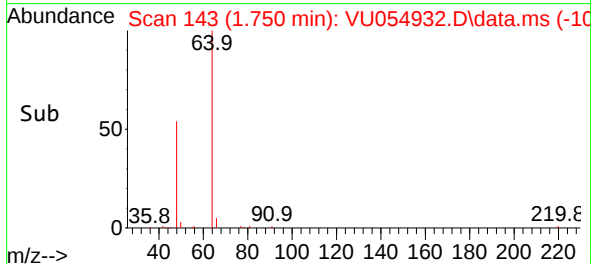
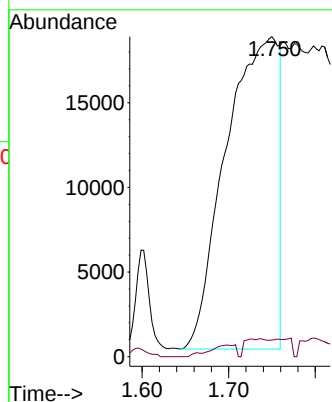
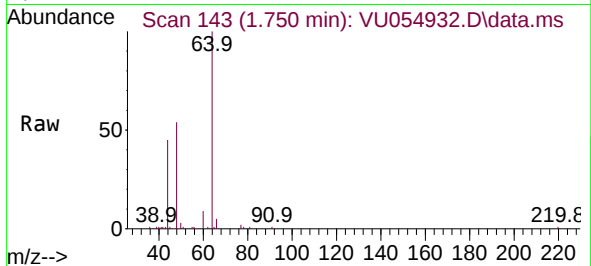




#8
Chloroethane
Concen: 10.016 ug/L
RT: 1.750 min Scan# 14
Delta R.T. -0.180 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

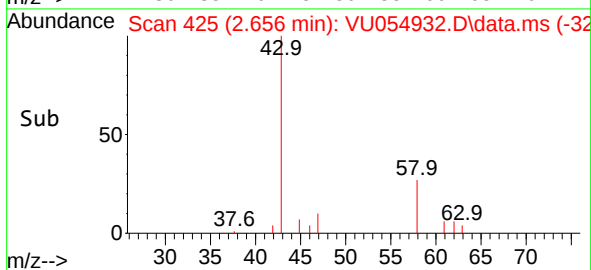
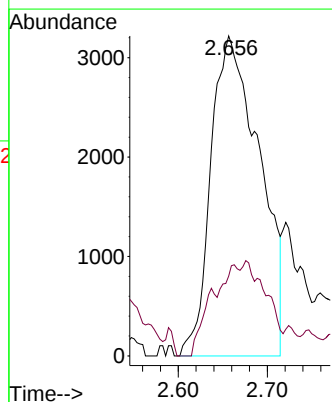
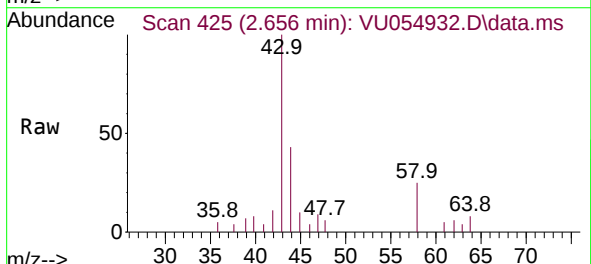
Instrument :
MSVOA_U
ClientSampleId :

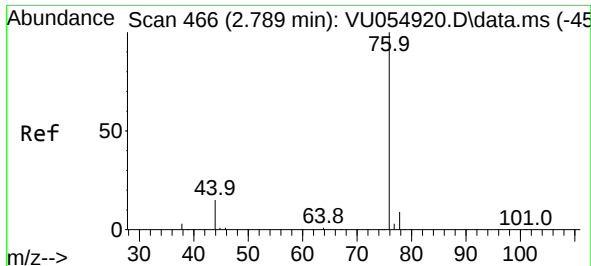
Tgt Ion: 64 Resp: 77986
Ion Ratio Lower Upper
64 100
66 5.2 21.5 39.9#



#13
Acetone
Concen: 7.511 ug/L
RT: 2.656 min Scan# 425
Delta R.T. 0.026 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 43 Resp: 12202
Ion Ratio Lower Upper
43 100
58 2.8 0.0 64.4

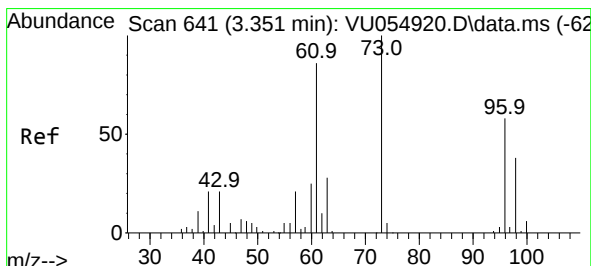
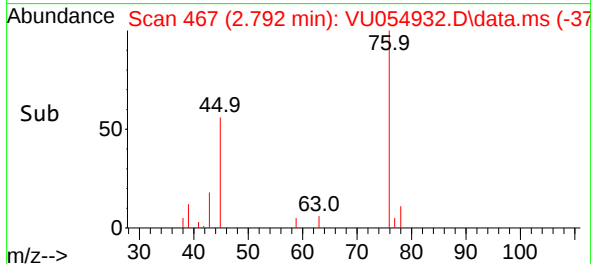
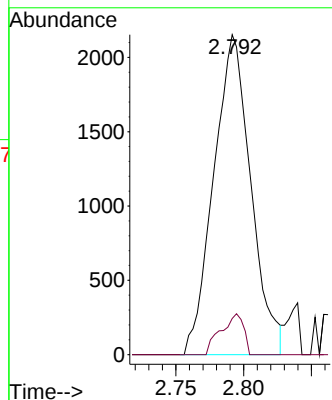
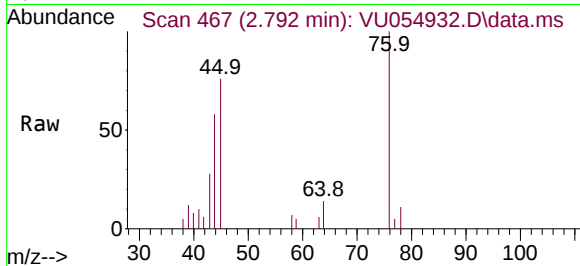




#14
Carbon disulfide
Concen: 0.186 ug/L
RT: 2.792 min Scan# 4102
Delta R.T. 0.003 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

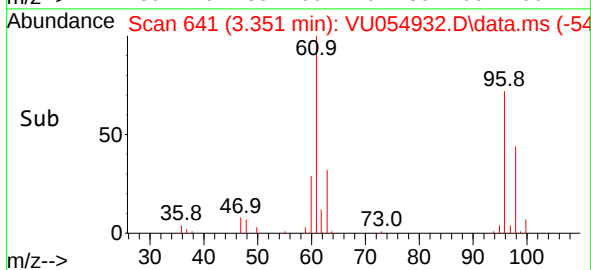
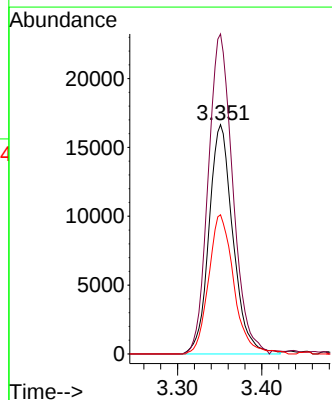
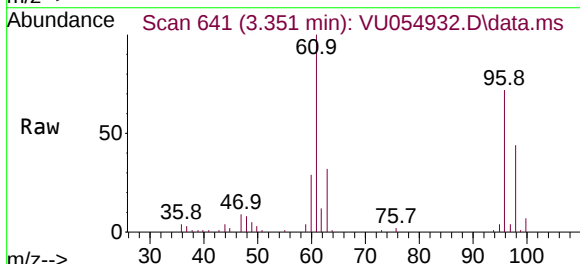
Instrument :
MSVOA_U
ClientSampleId :

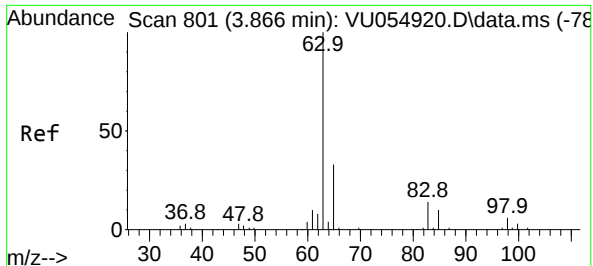
Tgt Ion: 76 Resp: 4102
Ion Ratio Lower Upper
76 100
78 11.3 8.2 12.2



#18
trans-1,2-Dichloroethene
Concen: 3.791 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Tgt Ion: 96 Resp: 32995
Ion Ratio Lower Upper
96 100
61 139.6 108.8 202.0
98 60.8 45.8 85.2





#19

1,1-Dichloroethane

Concen: 0.159 ug/L

RT: 3.872 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU054932.D

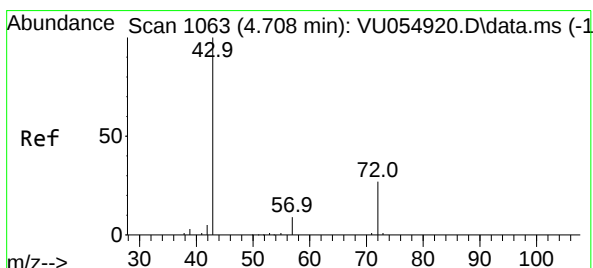
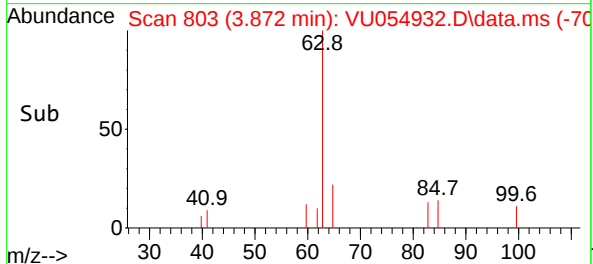
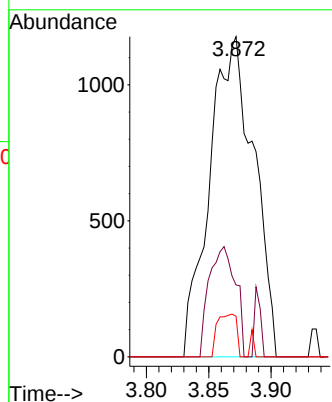
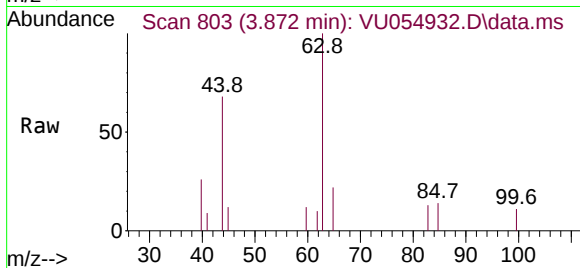
Acq: 28 Aug 2023 18:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	2900
Ion	Ratio	Lower	Upper
63	100		
65	22.4	22.5	41.7#
83	12.7	9.5	17.7



#21

2-Butanone

Concen: 3.720 ug/L

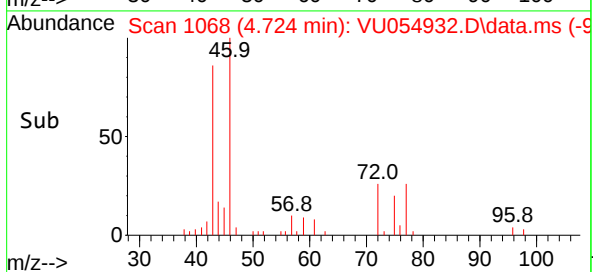
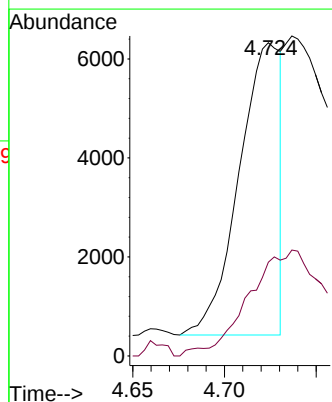
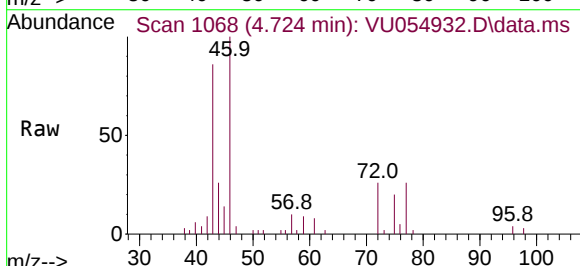
RT: 4.724 min Scan# 1068

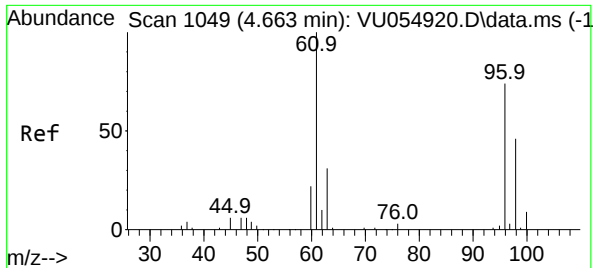
Delta R.T. 0.016 min

Lab File: VU054932.D

Acq: 28 Aug 2023 18:37

Tgt Ion:	43	Resp:	9260
Ion	Ratio	Lower	Upper
43	100		
72	89.6	14.1	42.3#

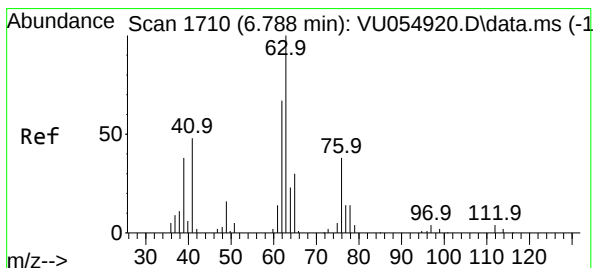
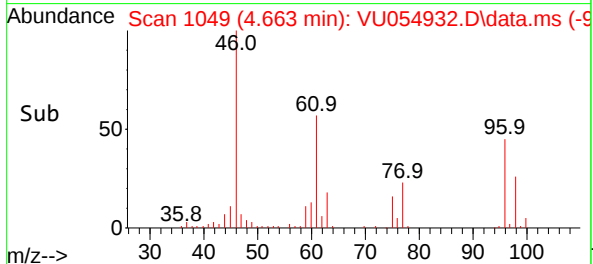
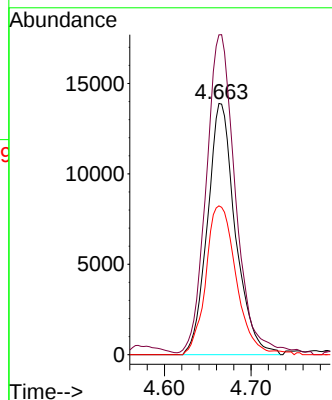
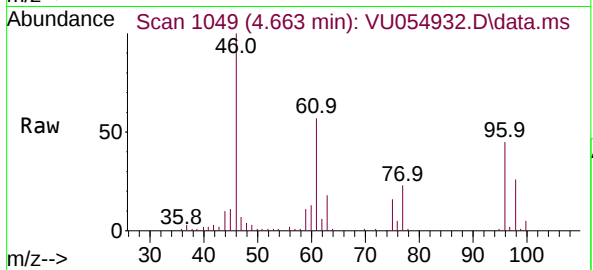




#22
 cis-1,2-Dichloroethene
 Concen: 2.992 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054932.D
 Acq: 28 Aug 2023 18:37

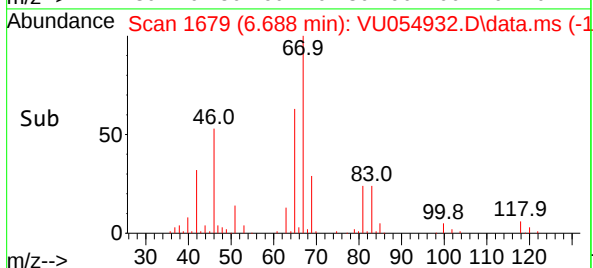
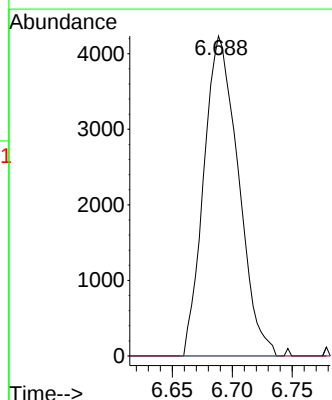
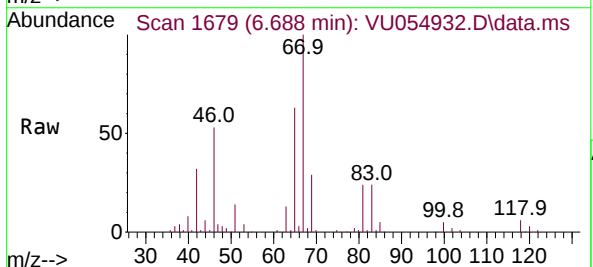
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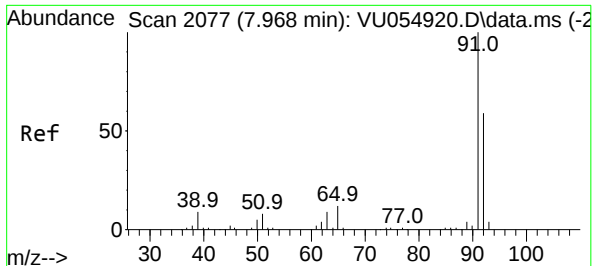
Tgt Ion: 96 Resp: 31047
 Ion Ratio Lower Upper
 96 100
 61 127.4 88.4 164.2
 98 59.3 44.0 81.6



#37
 1,2-Dichloropropane
 Concen: 0.757 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.100 min
 Lab File: VU054932.D
 Acq: 28 Aug 2023 18:37

Tgt Ion: 63 Resp: 8462
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#





#42

Toluene

Concen: 0.511 ug/L

RT: 7.971 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU054932.D

Acq: 28 Aug 2023 18:37

Instrument :

MSVOA_U

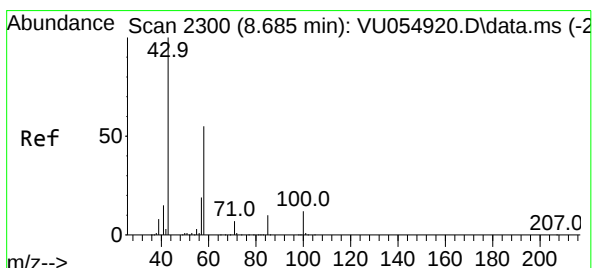
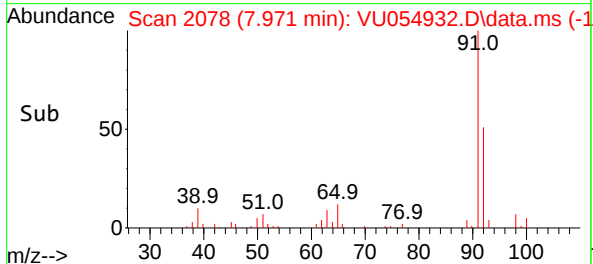
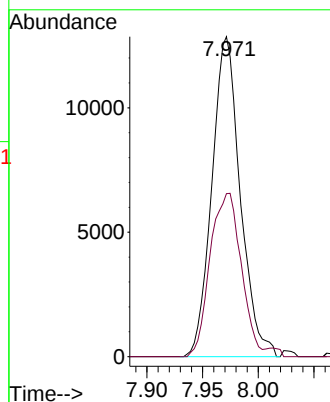
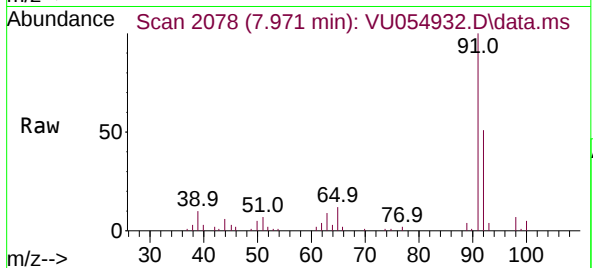
ClientSampleId :

Tgt Ion: 91 Resp: 22745

Ion Ratio Lower Upper

91 100

92 51.0 41.2 76.4



#48

2-Hexanone

Concen: 3.255 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU054932.D

Acq: 28 Aug 2023 18:37

Tgt Ion: 43 Resp: 15022

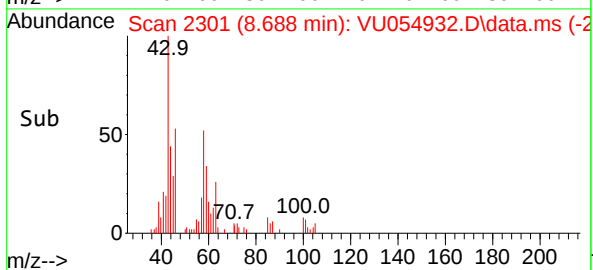
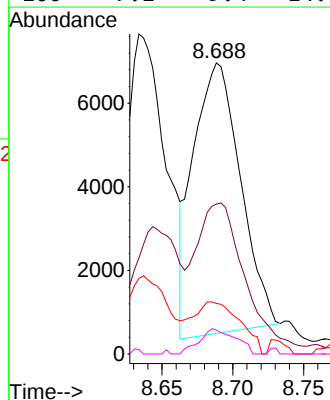
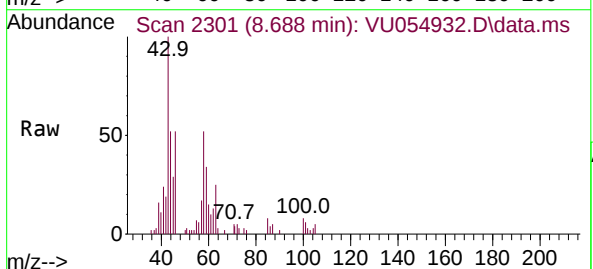
Ion Ratio Lower Upper

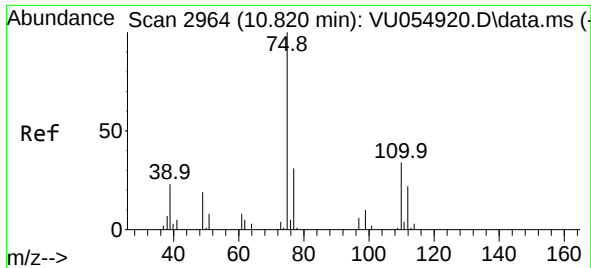
43 100

58 54.6 44.0 66.0

57 18.8 15.9 23.9

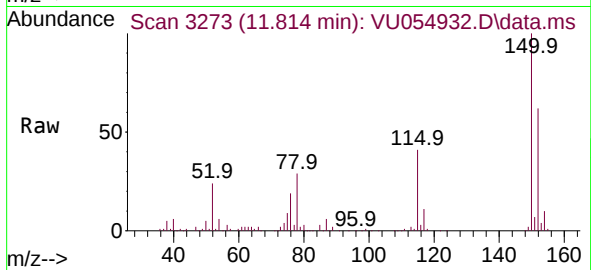
100 7.1 9.4 14.0#





#61
1,2,3-Trichloropropane
Concen: 1.838 ug/L
RT: 11.814 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU054932.D
Acq: 28 Aug 2023 18:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.6	29.0	43.6#
77	36.7	26.5	39.7

