

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049255.D
 Acq On : 17 Jun 2022 19:44
 Operator : SY/MD
 Sample : N3320-18DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 05:49:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

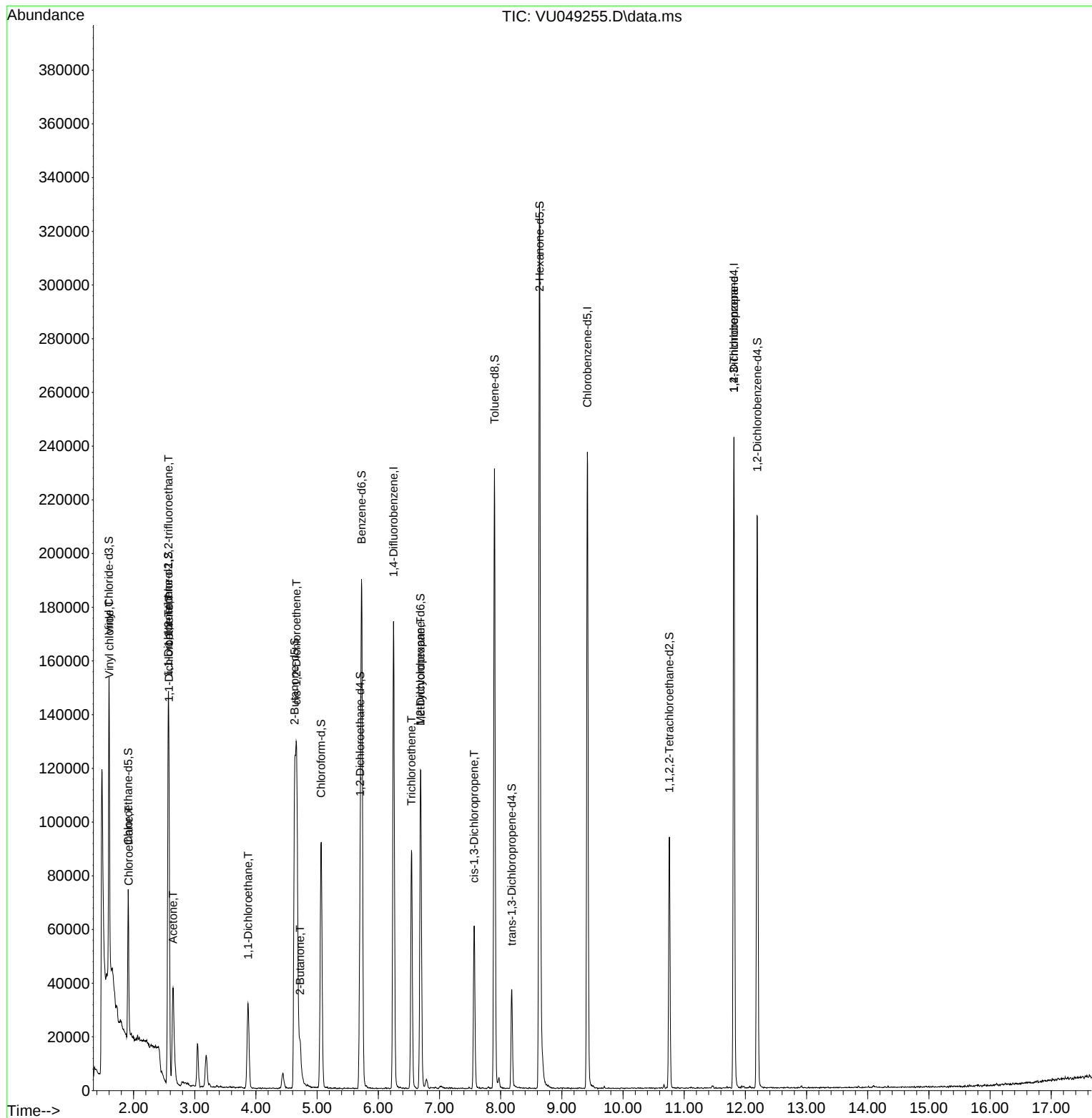
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	137100	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50779	4.239	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.800%	
7) Chloroethane-d5	1.912	69	35686	4.400	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.565	65	20073	4.166	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.400%	
20) 2-Butanone-d5	4.633	46	160663	50.229	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.460%	
24) Chloroform-d	5.067	84	83289	4.431	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.703	65	47491	4.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.729	84	167476	4.451	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.690	67	57266	4.484	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.899	98	144753	4.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	8.182	79	20455	3.605	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.200%	
46) 2-Hexanone-d5	8.636	63	114904	50.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.420%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47097	4.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	54588	4.609	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	34612	3.003	ug/L #	1
8) Chloroethane	1.919	64	756	0.113	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	539	0.068	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	24242	3.145	ug/L #	82
13) Acetone	2.646	43	57858	36.548	ug/L	97
19) 1,1-Dichloroethane	3.871	63	36766	2.183	ug/L	100
21) 2-Butanone	4.719	43	21867	7.244	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	43000	4.501	ug/L	97
34) Trichloroethene	6.542	95	29654	3.121	ug/L	97
35) Methylcyclohexane	6.690	83	12455	0.782	ug/L #	16
39) cis-1,3-Dichloropropene	7.565	75	1502	0.097	ug/L #	65
61) 1,2,3-Trichloropropane	11.812	75	8167	1.179	ug/L #	69

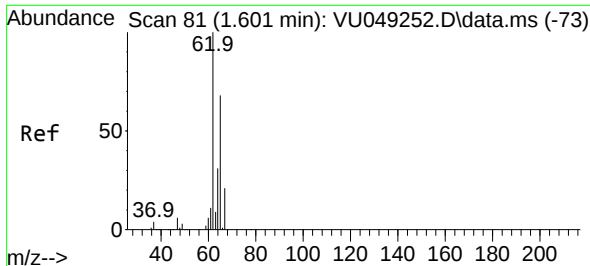
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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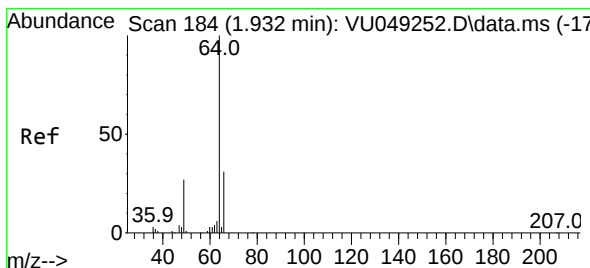
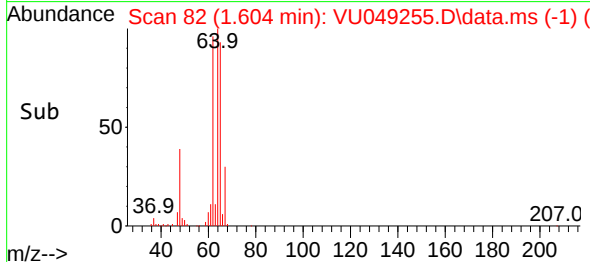
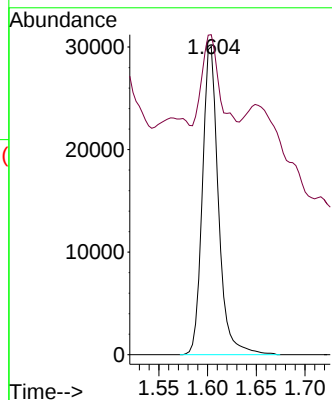
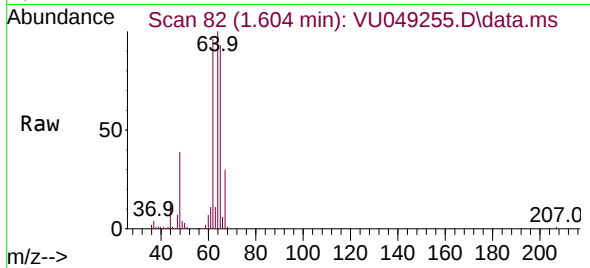




#5
 Vinyl chloride
 Concen: 3.003 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049255.D
 Acq: 17 Jun 2022 19:44

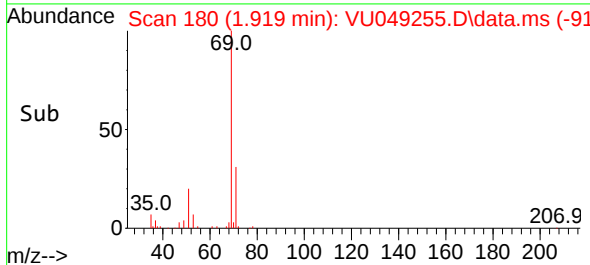
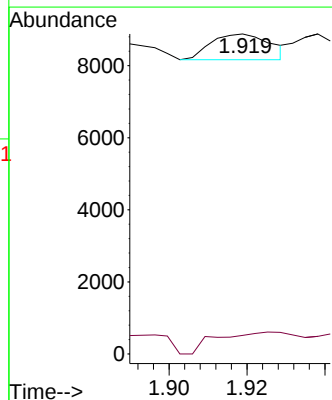
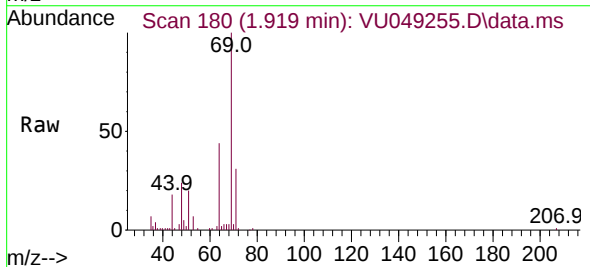
Instrument :
 MSVOA_U
 ClientSampleId :

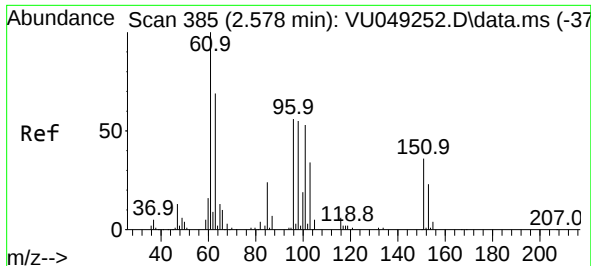
Tgt Ion: 62 Resp: 34612
 Ion Ratio Lower Upper
 62 100
 64 103.9 22.8 42.4#



#8
 Chloroethane
 Concen: 0.113 ug/L
 RT: 1.919 min Scan# 180
 Delta R.T. -0.013 min
 Lab File: VU049255.D
 Acq: 17 Jun 2022 19:44

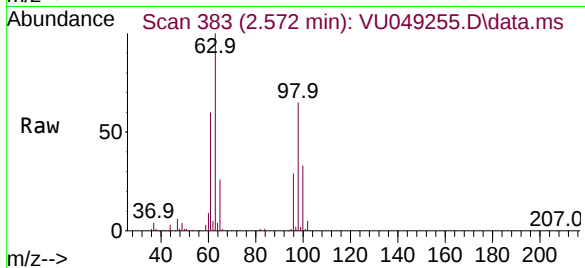
Tgt Ion: 64 Resp: 756
 Ion Ratio Lower Upper
 64 100
 66 5.8 20.9 38.9#



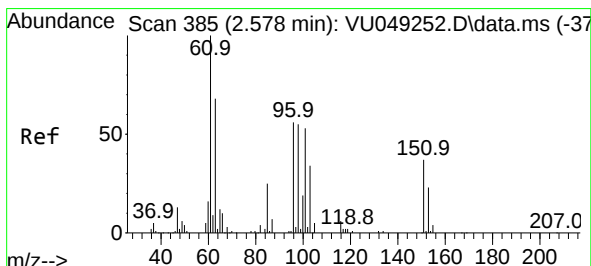
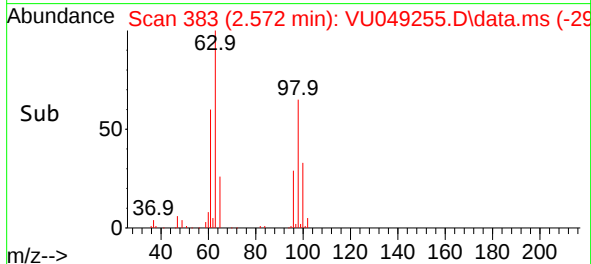
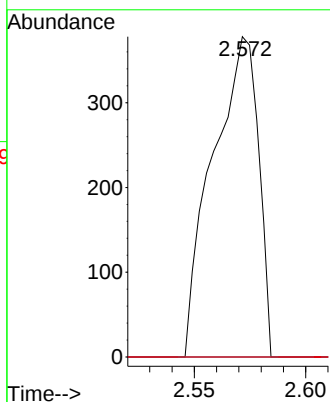


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.068 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU049255.D
 Acq: 17 Jun 2022 19:44

Instrument :
 MSVOA_U
 ClientSampleId :

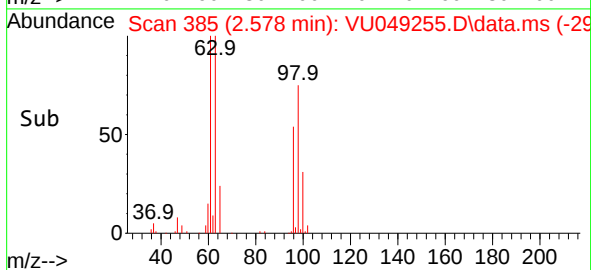
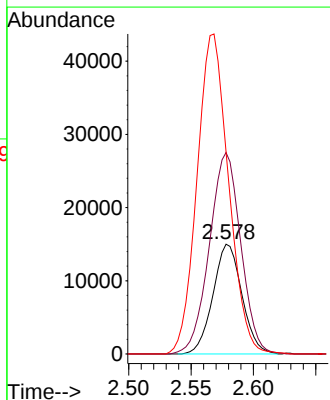
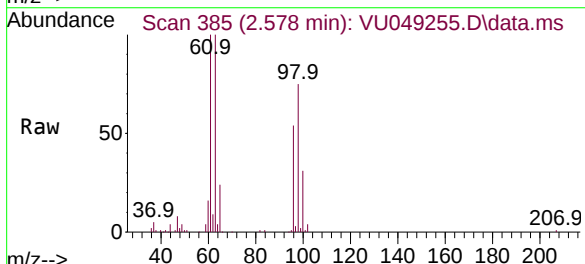


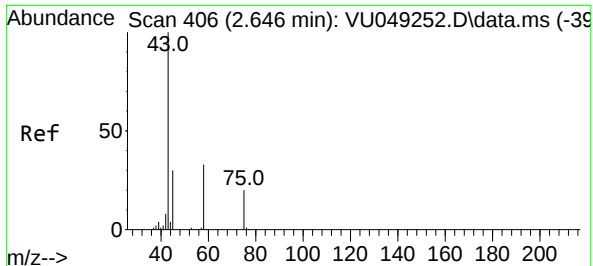
Tgt Ion:101 Resp: 539
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 3.145 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049255.D
 Acq: 17 Jun 2022 19:44

Tgt Ion: 96 Resp: 24242
 Ion Ratio Lower Upper
 96 100
 61 183.6 127.2 236.2
 63 184.4 94.7 175.9#





#13

Acetone

Concen: 36.548 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

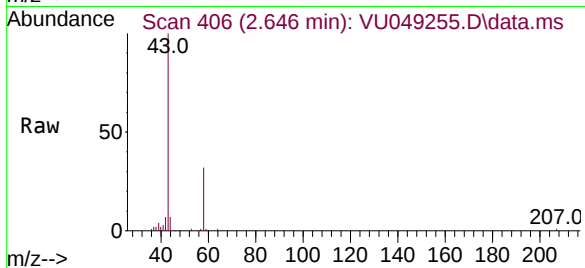
Lab File: VU049255.D

Acq: 17 Jun 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

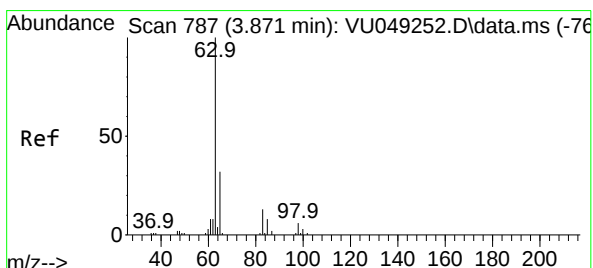
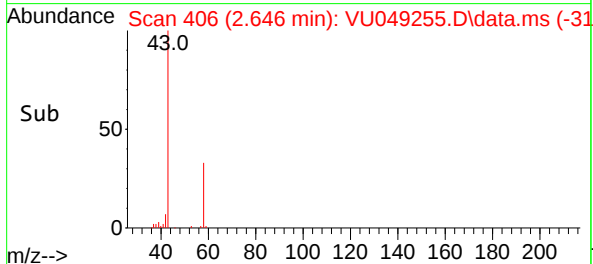
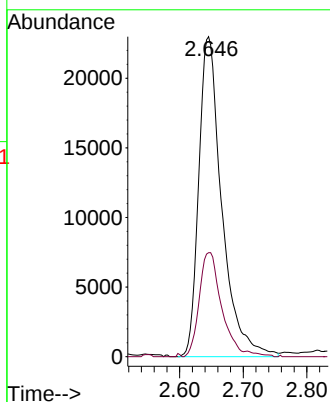


Tgt Ion: 43 Resp: 57858

Ion Ratio Lower Upper

43 100

58 31.0 0.0 65.8



#19

1,1-Dichloroethane

Concen: 2.183 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.000 min

Lab File: VU049255.D

Acq: 17 Jun 2022 19:44

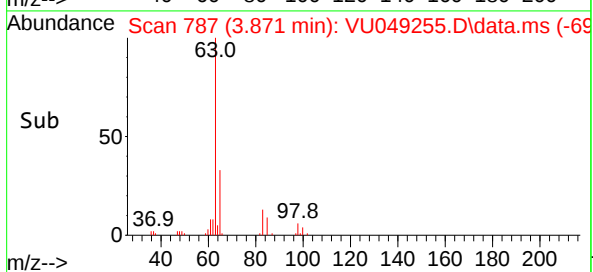
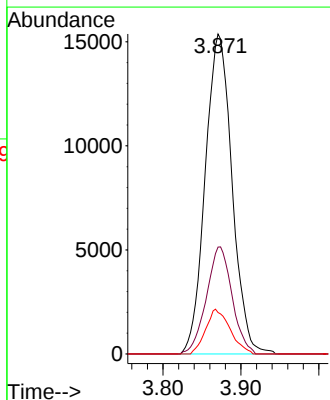
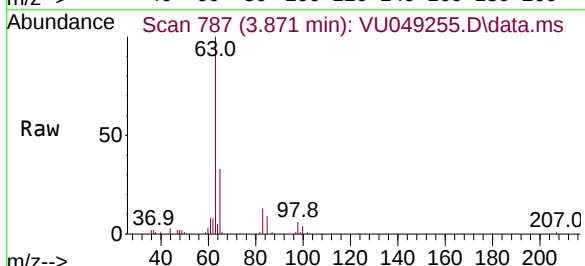
Tgt Ion: 63 Resp: 36766

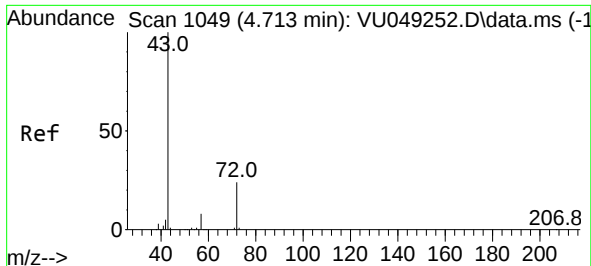
Ion Ratio Lower Upper

63 100

65 34.1 24.0 44.6

83 12.9 9.1 16.9

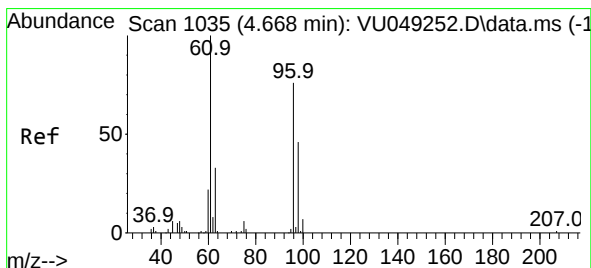
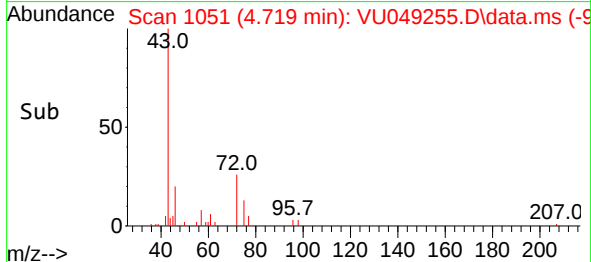
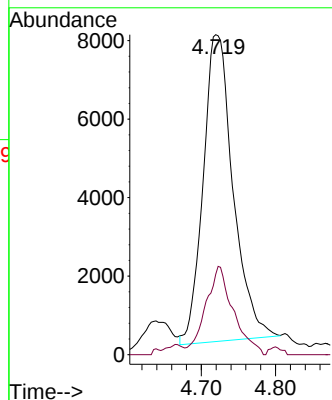
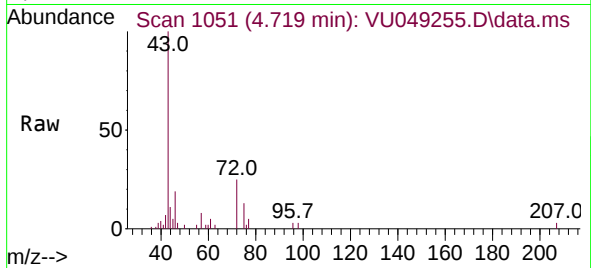




#21
2-Butanone
Concen: 7.244 ug/L
RT: 4.719 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU049255.D
Acq: 17 Jun 2022 19:44

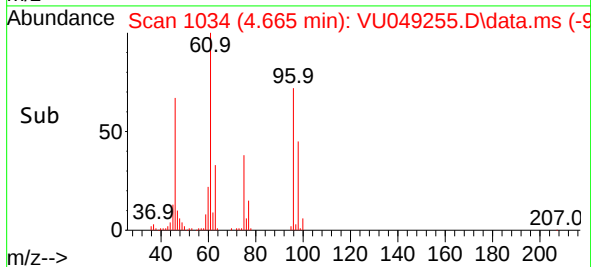
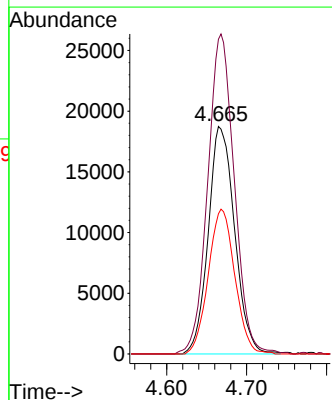
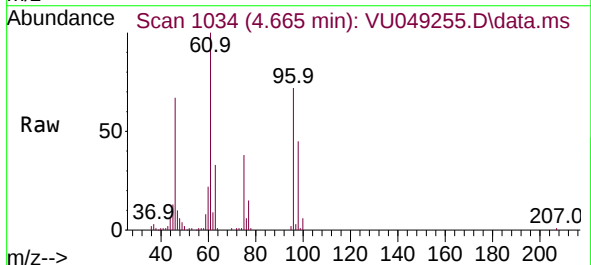
Instrument :
MSVOA_U
ClientSampleId :

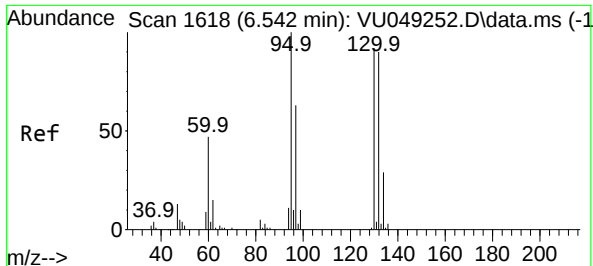
Tgt Ion: 43 Resp: 21867
Ion Ratio Lower Upper
43 100
72 26.7 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 4.501 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU049255.D
Acq: 17 Jun 2022 19:44

Tgt Ion: 96 Resp: 43000
Ion Ratio Lower Upper
96 100
61 138.3 99.5 184.9
98 61.6 44.8 83.2

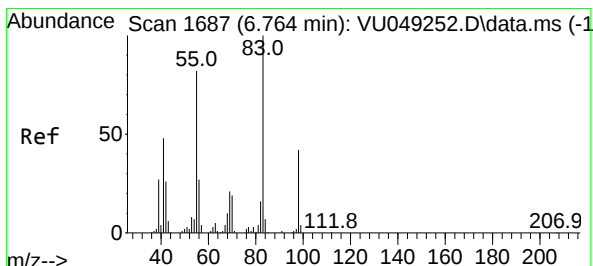
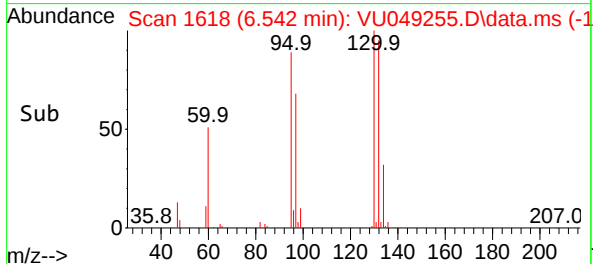
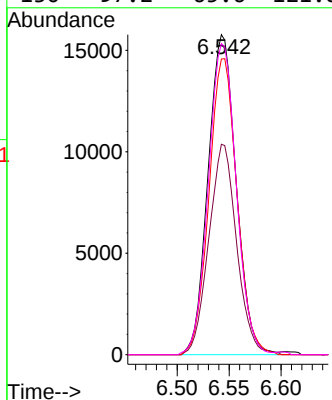
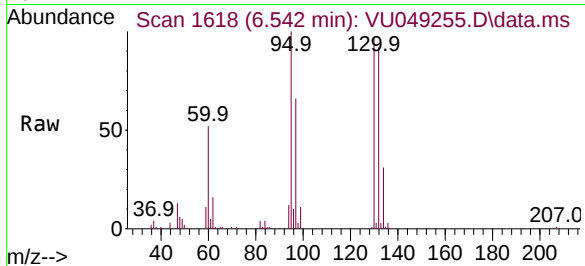




#34
Trichloroethene
Concen: 3.121 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049255.D
Acq: 17 Jun 2022 19:44

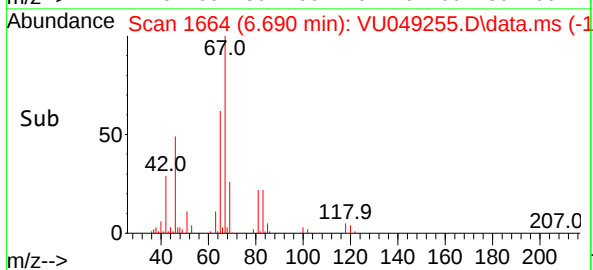
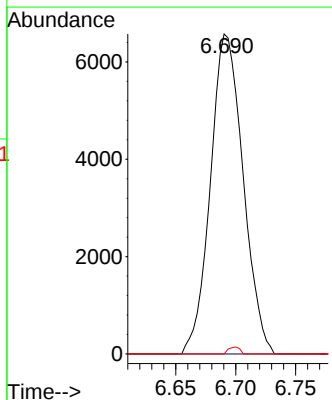
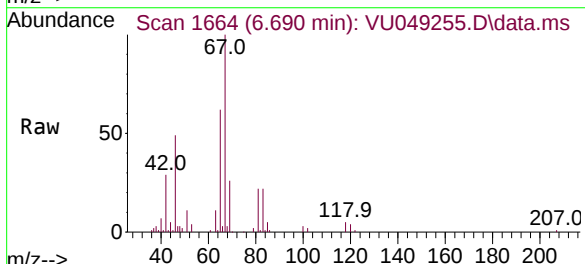
Instrument :
MSVOA_U
ClientSampleId :

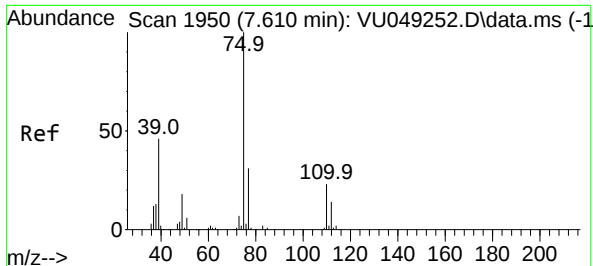
Tgt Ion:	95	Resp:	29654
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.3	84.1
132	92.4	61.5	114.3
130	97.2	65.6	121.8



#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049255.D
Acq: 17 Jun 2022 19:44

Tgt Ion:	83	Resp:	12455
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.9	100.3#
98	0.8	35.5	53.3#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049255.D

Acq: 17 Jun 2022 19:44

Instrument :

MSVOA_U

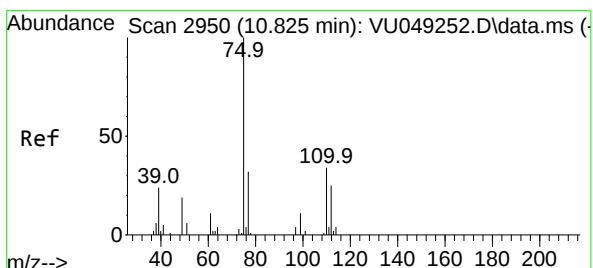
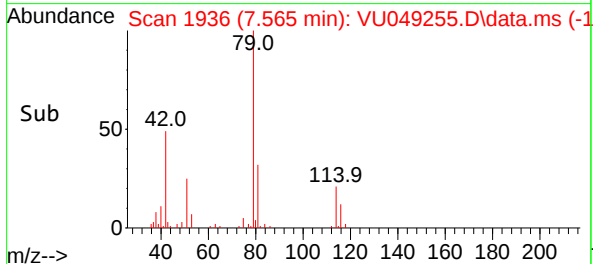
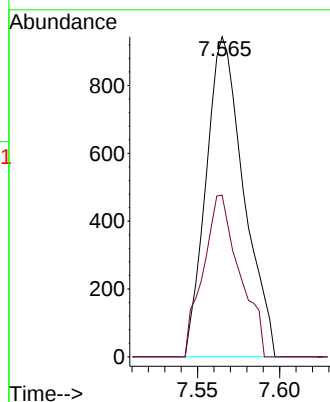
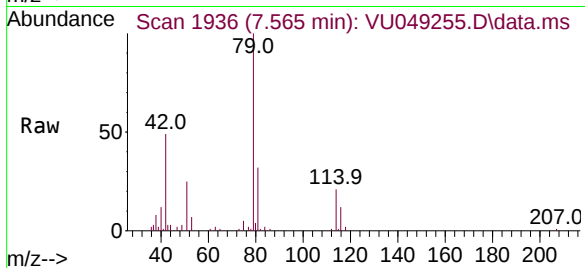
ClientSampleId :

Tgt Ion: 75 Resp: 1502

Ion Ratio Lower Upper

75 100

77 50.5 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.179 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049255.D

Acq: 17 Jun 2022 19:44

Tgt Ion: 75 Resp: 8167

Ion Ratio Lower Upper

75 100

110 2.6 29.0 43.4#

77 34.3 26.2 39.2

