

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049254.D
 Acq On : 17 Jun 2022 19:20
 Operator : SY/MD
 Sample : N3320-17DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 05:49:20 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)

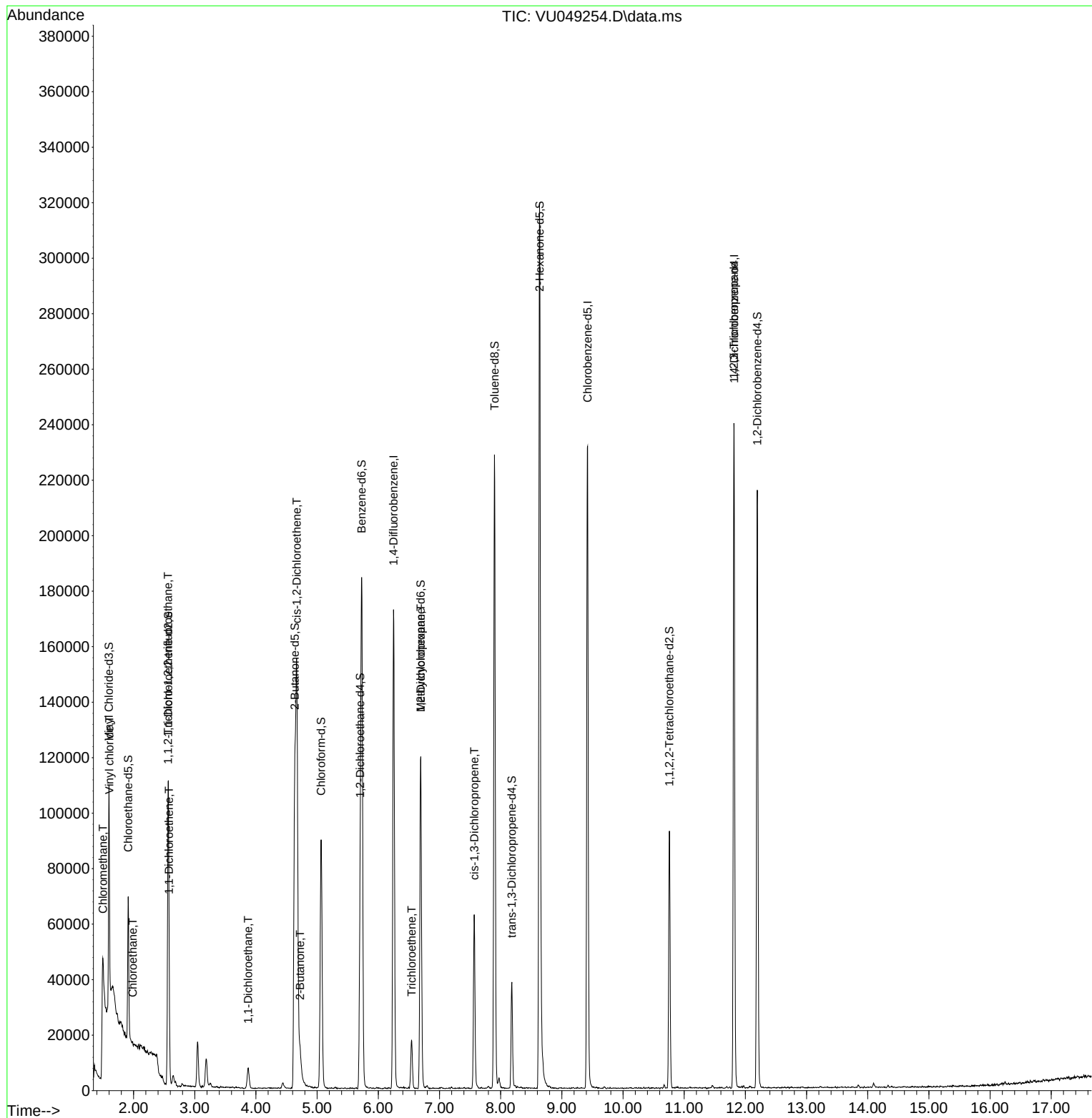
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134919	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124501	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	61143	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50243	4.262	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.912	69	36067	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	65	20135	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.636	46	152816	48.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.100%
24) Chloroform-d	5.063	84	83117	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.703	65	45909	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.729	84	168595	4.495	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.693	67	56795	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.899	98	147496	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.182	79	20770	3.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.635	63	110943	48.631	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46816	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	55186	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.498	50	1520	0.120	ug/L #	42
5) Vinyl chloride	1.604	62	8176	0.721	ug/L #	1
8) Chloroethane	1.986	64	658	0.100	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	513	0.066	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	5167	0.681	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	9215	0.556	ug/L	93
21) 2-Butanone	4.719	43	17375	5.849	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	59977	6.380	ug/L	99
34) Trichloroethene	6.546	95	5790	0.611	ug/L	98
35) Methylcyclohexane	6.693	83	12432	0.783	ug/L #	17
39) cis-1,3-Dichloropropene	7.571	75	1677	0.108	ug/L #	76
61) 1,2,3-Trichloropropane	11.812	75	8148	1.188	ug/L #	68

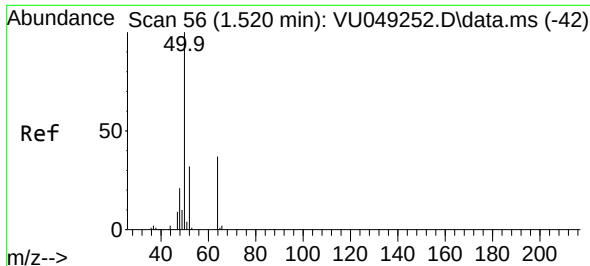
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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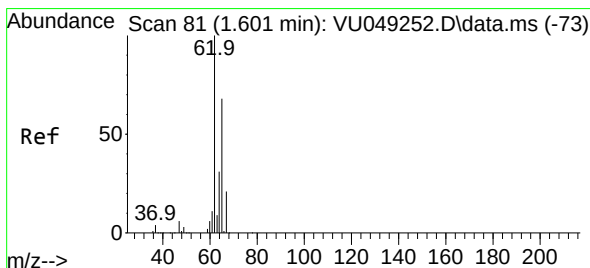
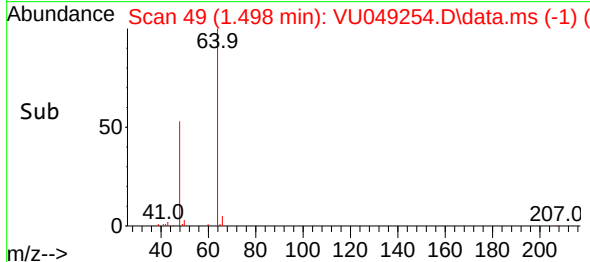
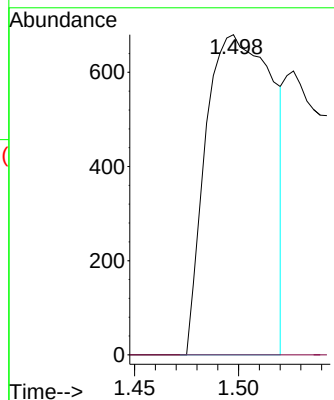
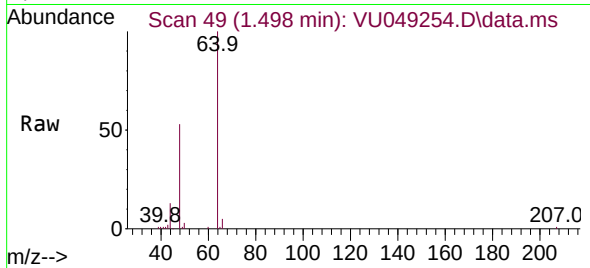




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.498 min Scan# 49
Delta R.T. -0.023 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

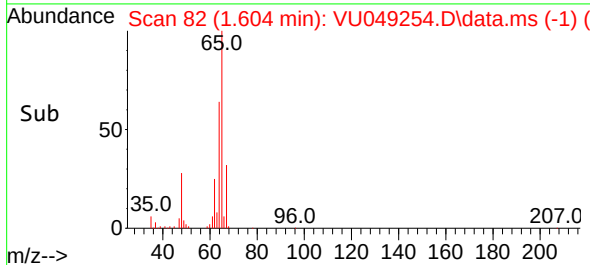
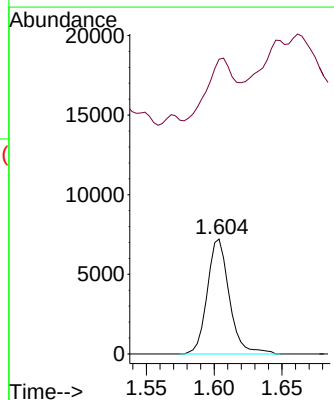
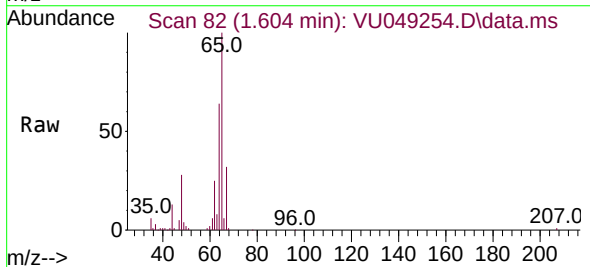
Instrument :
MSVOA_U
ClientSampleId :

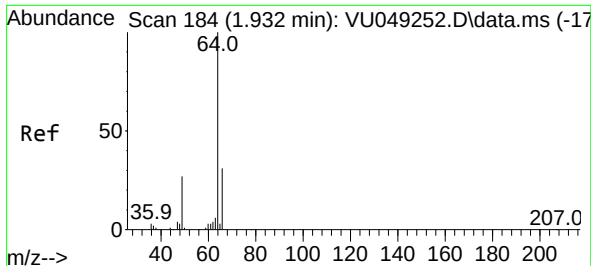
Tgt Ion: 50 Resp: 1520
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#5
Vinyl chloride
Concen: 0.721 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.003 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

Tgt Ion: 62 Resp: 8176
Ion Ratio Lower Upper
62 100
64 256.5 22.8 42.4#

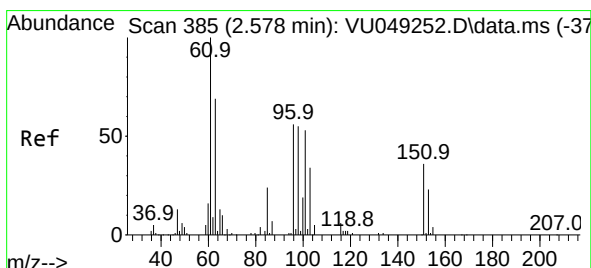
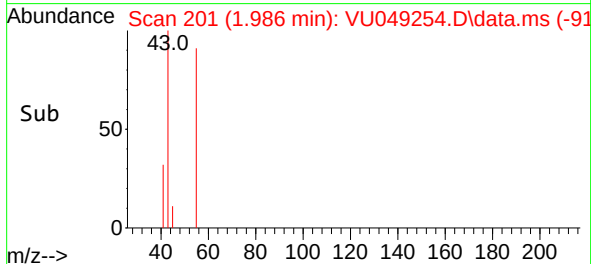
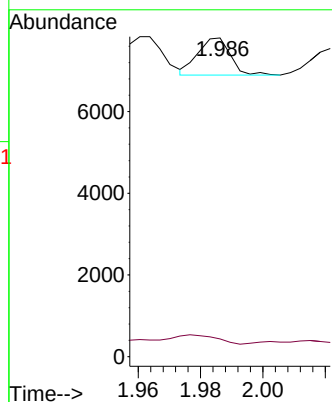
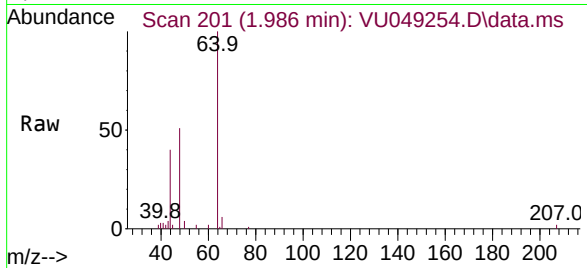




#8
Chloroethane
Concen: 0.100 ug/L
RT: 1.986 min Scan# 20
Delta R.T. 0.055 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

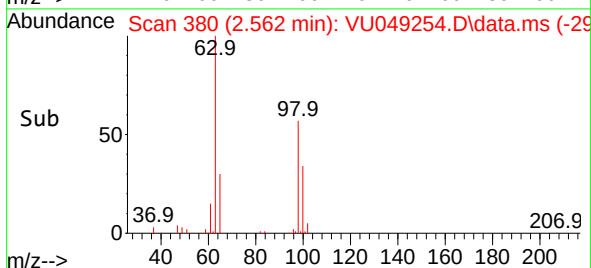
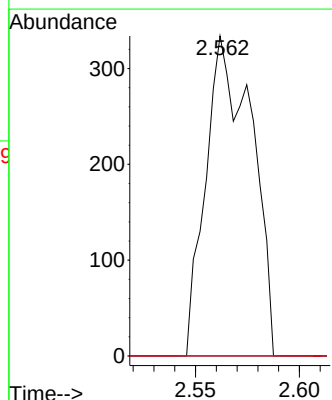
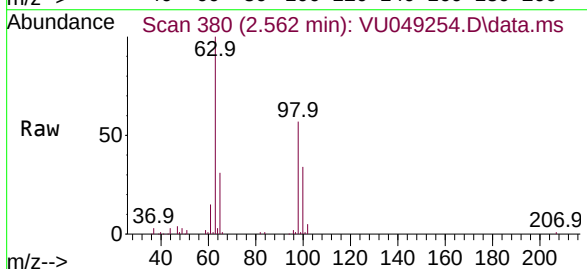
Instrument :
MSVOA_U
ClientSampleId :

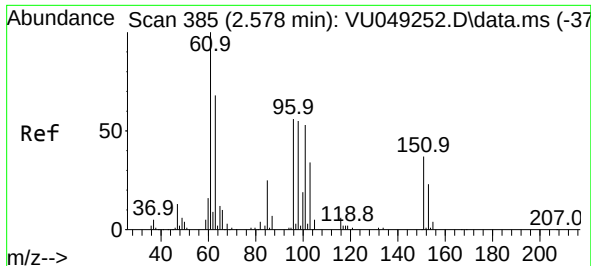
Tgt Ion: 64 Resp: 658
Ion Ratio Lower Upper
64 100
66 5.5 20.9 38.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.066 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

Tgt Ion: 101 Resp: 513
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: 0.681 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

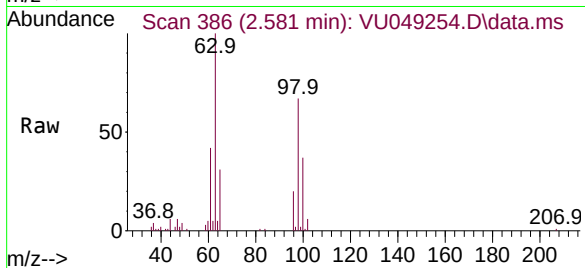
Lab File: VU049254.D

Acq: 17 Jun 2022 19:20

Instrument :

MSVOA_U

ClientSampleId :



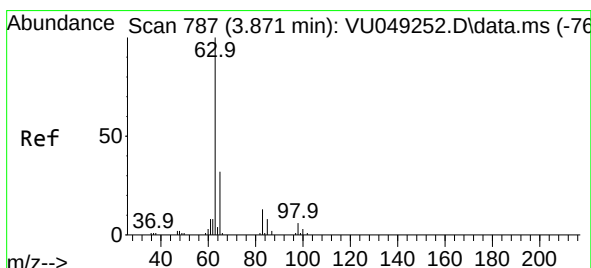
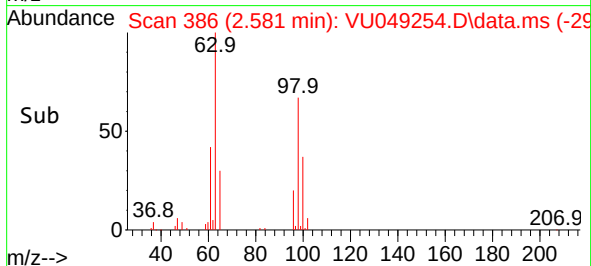
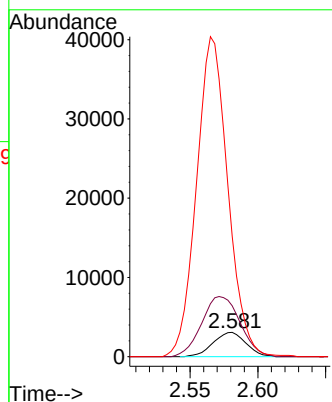
Tgt Ion: 96 Resp: 5167

Ion Ratio Lower Upper

96 100

61 209.9 127.2 236.2

63 496.5 94.7 175.9#



#19

1,1-Dichloroethane

Concen: 0.556 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049254.D

Acq: 17 Jun 2022 19:20

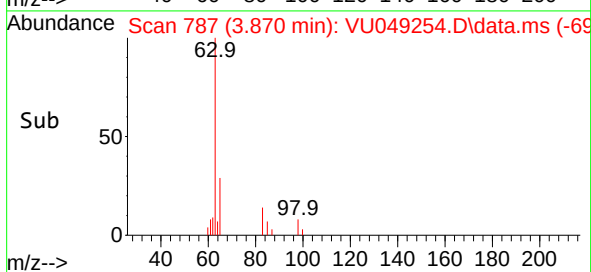
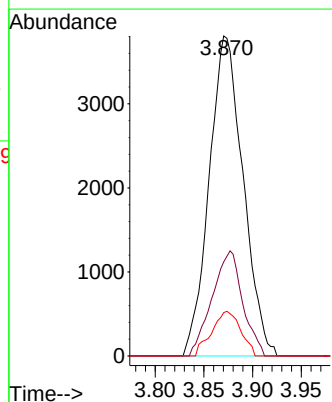
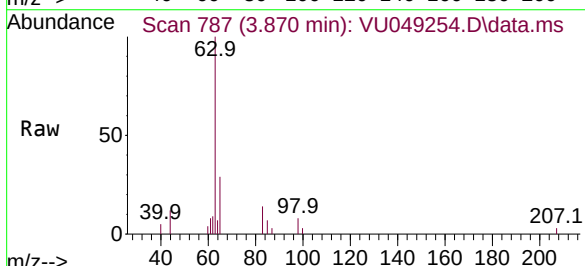
Tgt Ion: 63 Resp: 9215

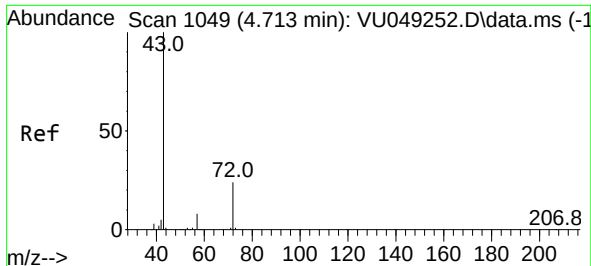
Ion Ratio Lower Upper

63 100

65 29.4 24.0 44.6

83 13.6 9.1 16.9

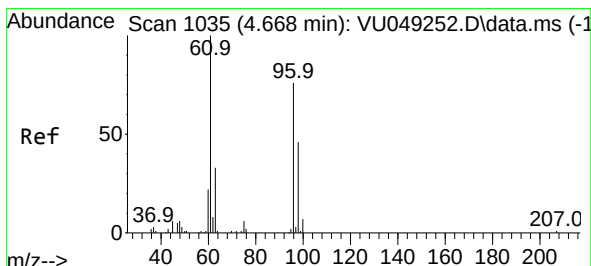
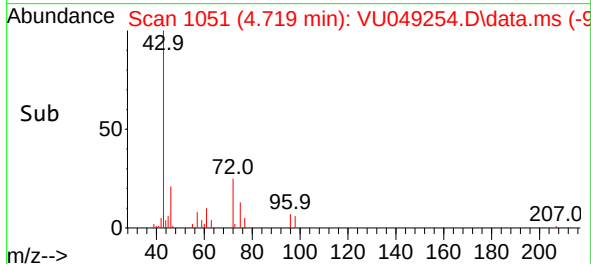
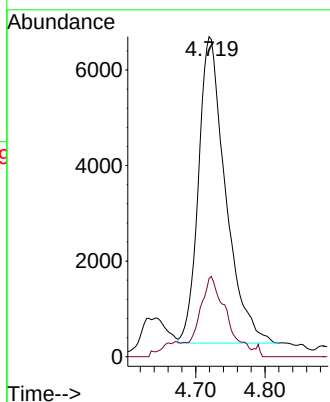
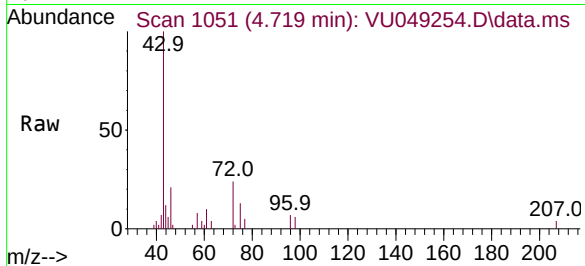




#21
2-Butanone
Concen: 5.849 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

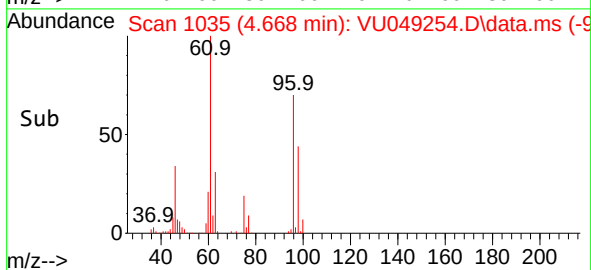
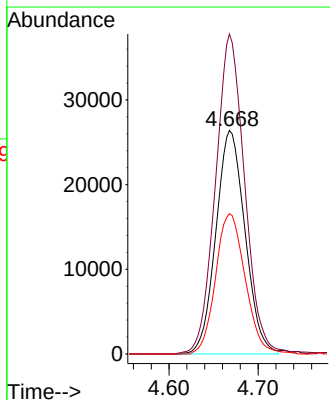
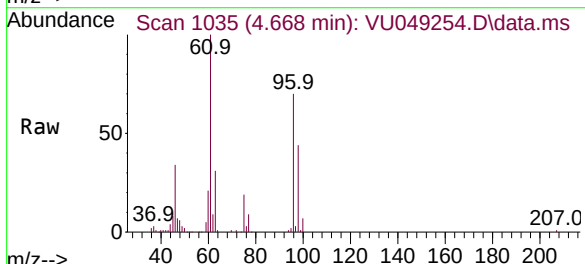
Instrument :
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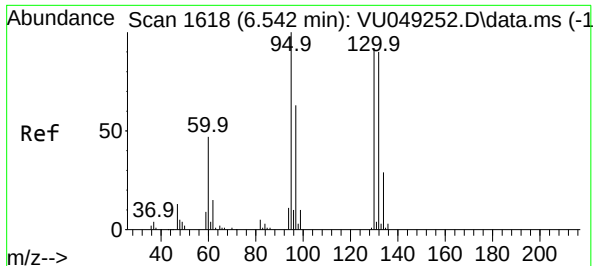
Tgt Ion: 43 Resp: 17375
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 6.380 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

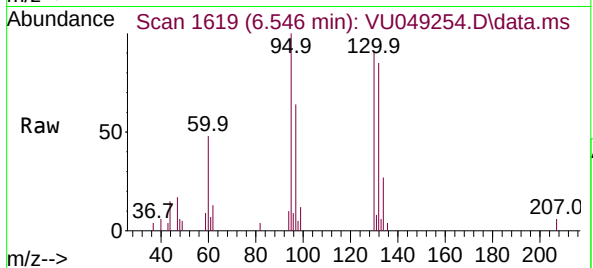
Tgt Ion: 96 Resp: 59977
Ion Ratio Lower Upper
96 100
61 143.2 99.5 184.9
98 62.8 44.8 83.2



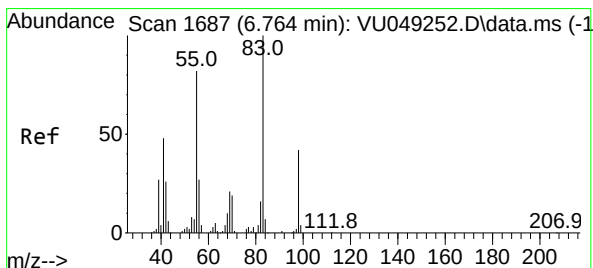
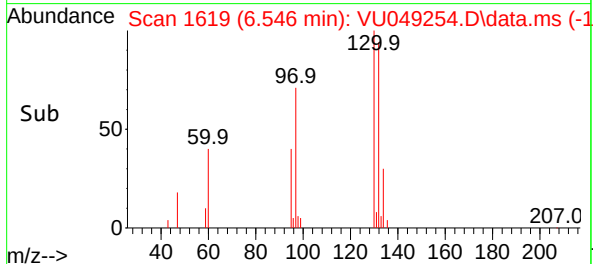
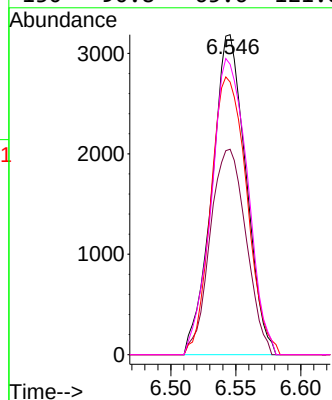


#34
Trichloroethene
Concen: 0.611 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

Instrument :
MSVOA_U
ClientSampleId :

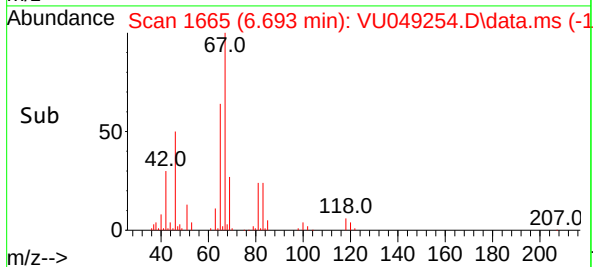
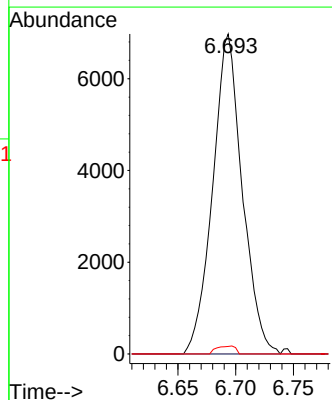
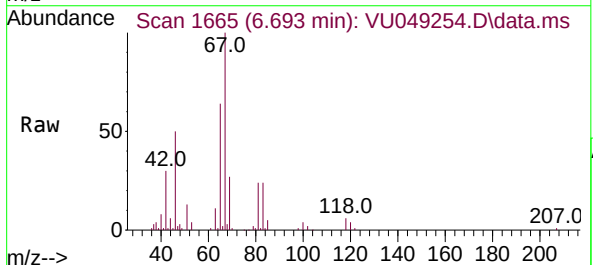


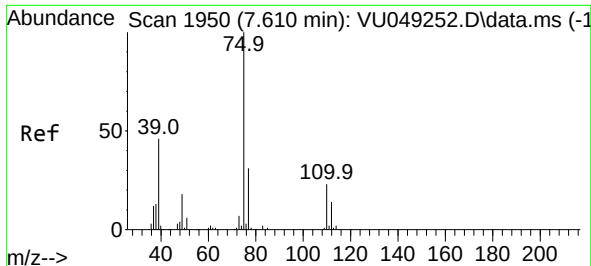
Tgt Ion:	95	Resp:	5790
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.3	84.1
132	85.2	61.5	114.3
130	90.8	65.6	121.8



#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049254.D
Acq: 17 Jun 2022 19:20

Tgt Ion:	83	Resp:	12432
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.9	100.3#
98	1.6	35.5	53.3#

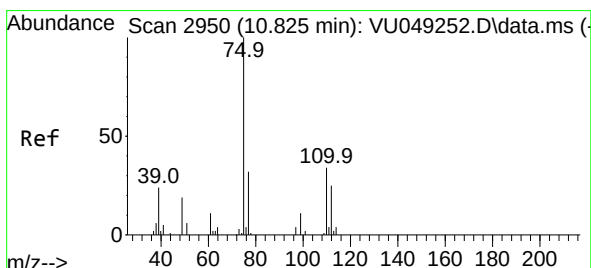
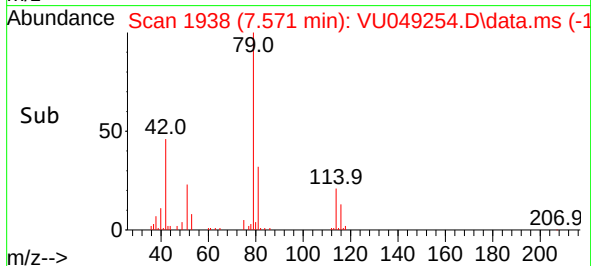
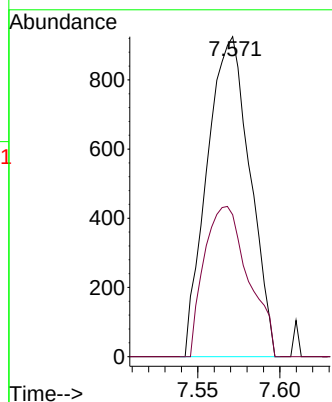
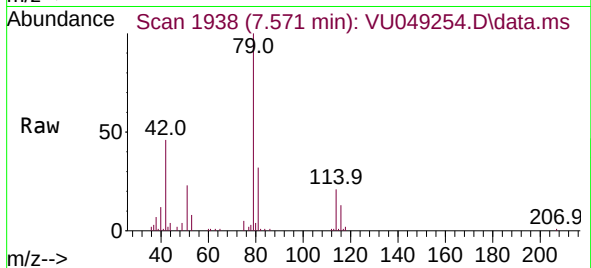




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.571 min Scan# 1950
 Delta R.T. -0.039 min
 Lab File: VU049254.D
 Acq: 17 Jun 2022 19:20

Instrument :
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 ClientSampleId :

Tgt Ion: 75 Resp: 1677
 Ion Ratio Lower Upper
 75 100
 77 44.3 21.8 40.4#



#61
 1,2,3-Trichloropropane
 Concen: 1.188 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU049254.D
 Acq: 17 Jun 2022 19:20

Tgt Ion: 75 Resp: 8148
 Ion Ratio Lower Upper
 75 100
 110 0.2 29.0 43.4#
 77 32.2 26.2 39.2

