

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049203.D
 Acq On : 16 Jun 2022 13:30
 Operator : SY/MD
 Sample : N3288-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:27:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

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

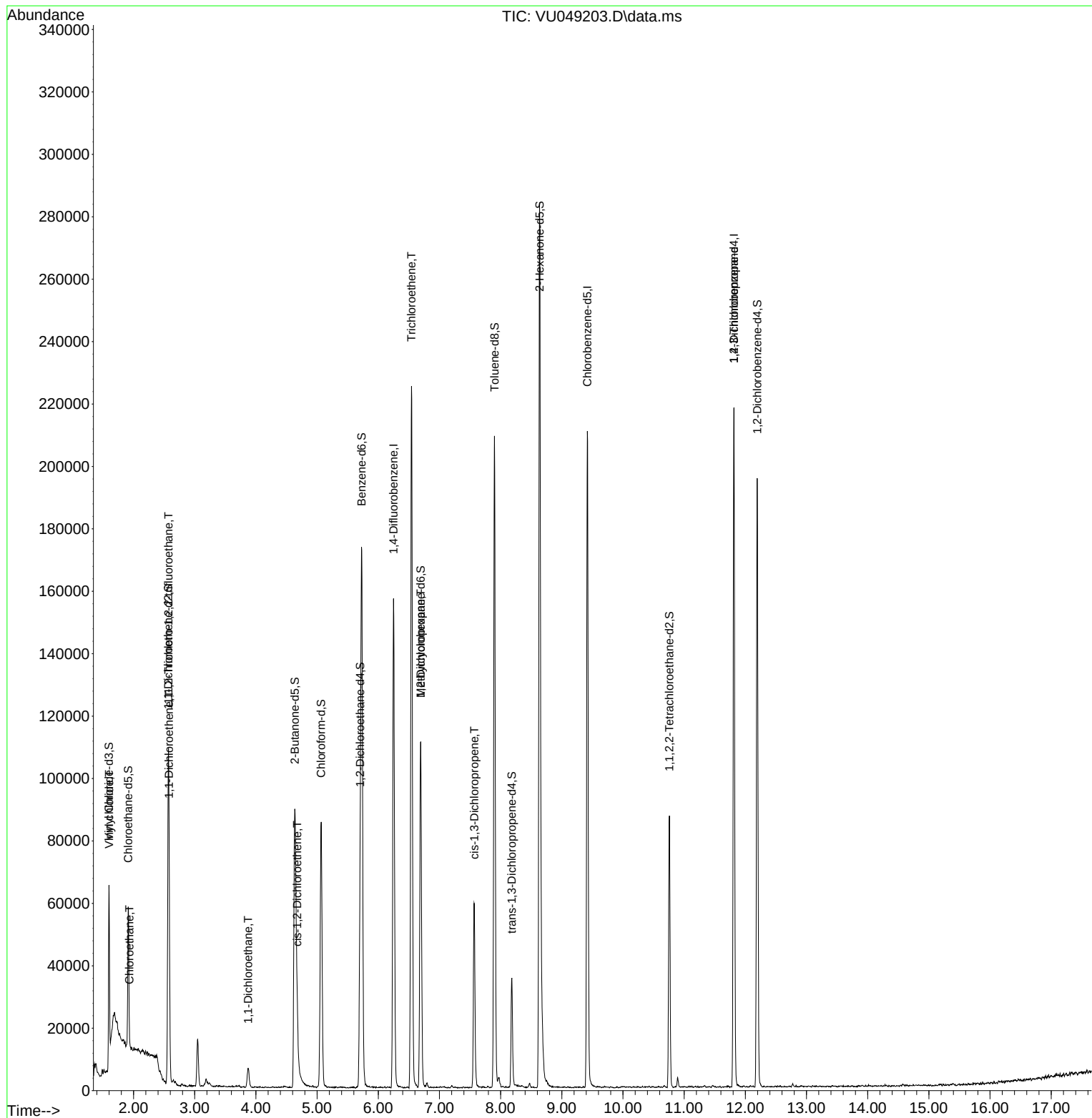
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	125098	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	115866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	56845	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40450	3.701	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.913	69	30589	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.569	65	16764	3.813	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	4.636	46	150077	51.421	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.840%
24) Chloroform-d	5.067	84	76996	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.703	65	43456	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.729	84	154988	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.694	67	54562	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.899	98	135491	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.182	79	20015	3.803	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.636	63	98849	46.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43862	4.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	51204	4.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	1055	0.100	ug/L #	1
8) Chloroethane	1.932	64	582	0.096	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	531	0.073	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	13128	1.866	ug/L #	63
19) 1,1-Dichloroethane	3.874	63	8328	0.542	ug/L #	89
22) cis-1,2-Dichloroethene	4.675	96	5644	0.648	ug/L	88
34) Trichloroethene	6.543	95	77795	8.827	ug/L	98
35) Methylcyclohexane	6.694	83	11659	0.789	ug/L #	17
39) cis-1,3-Dichloropropene	7.568	75	1479	0.103	ug/L #	33
61) 1,2,3-Trichloropropane	11.813	75	7661	1.201	ug/L #	70

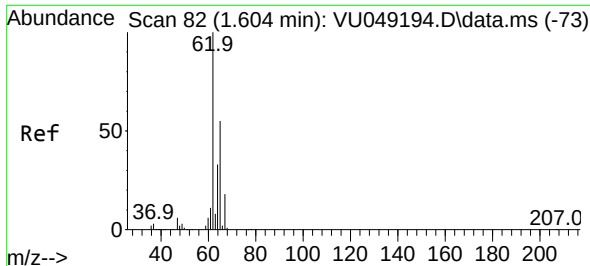
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_U
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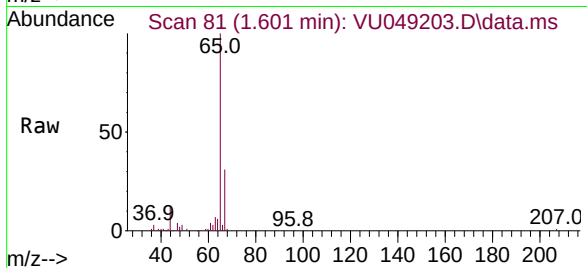
Quant Time: Jun 17 01:27:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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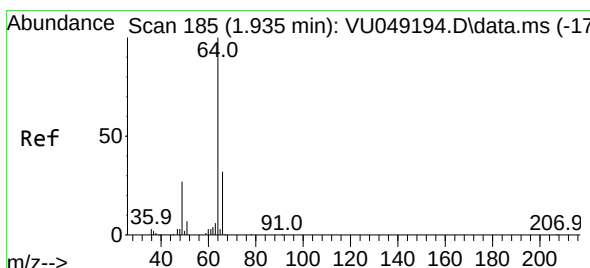
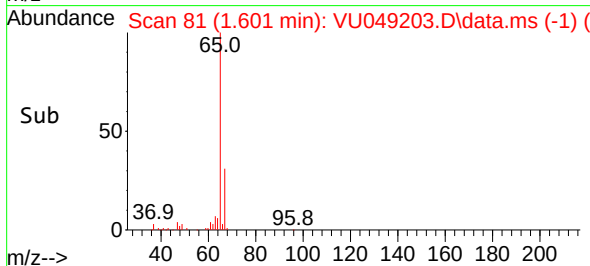
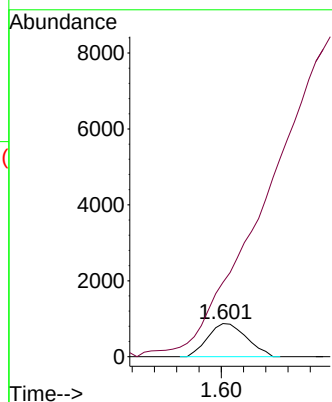


#5
 Vinyl chloride
 Concen: 0.100 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU049203.D
 Acq: 16 Jun 2022 13:30

Instrument :
 MSVOA_U
 ClientSampleId :

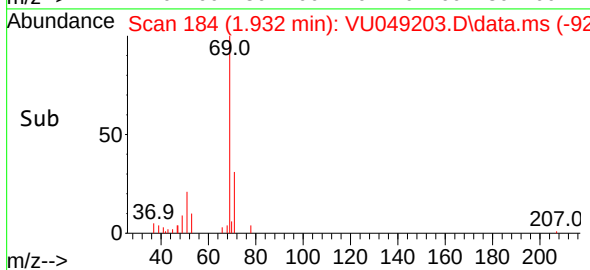
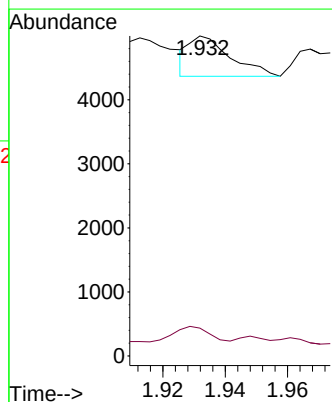
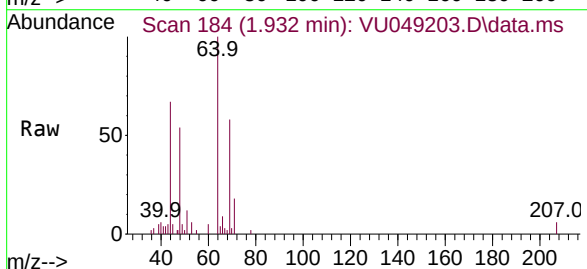


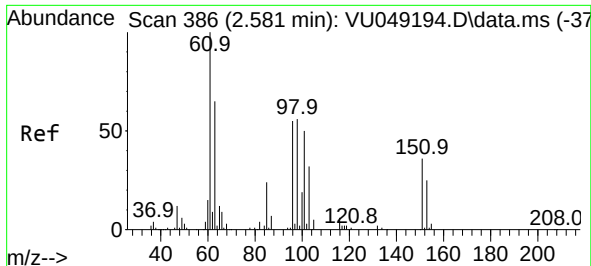
Tgt Ion: 62 Resp: 1055
 Ion Ratio Lower Upper
 62 100
 64 224.7 22.8 42.4#



#8
 Chloroethane
 Concen: 0.096 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.003 min
 Lab File: VU049203.D
 Acq: 16 Jun 2022 13:30

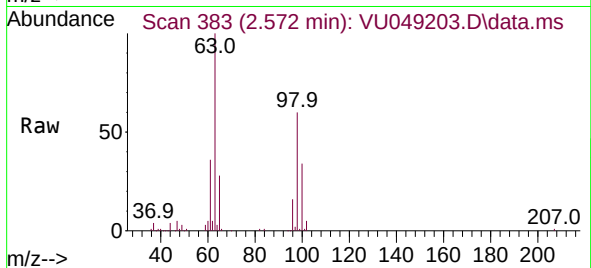
Tgt Ion: 64 Resp: 582
 Ion Ratio Lower Upper
 64 100
 66 8.7 20.9 38.9#



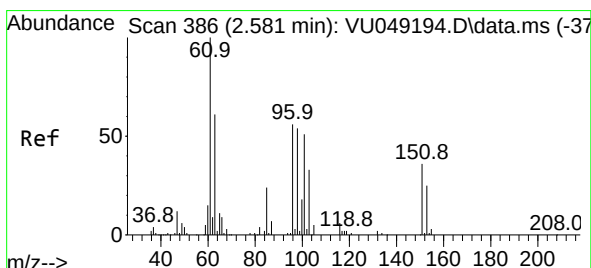
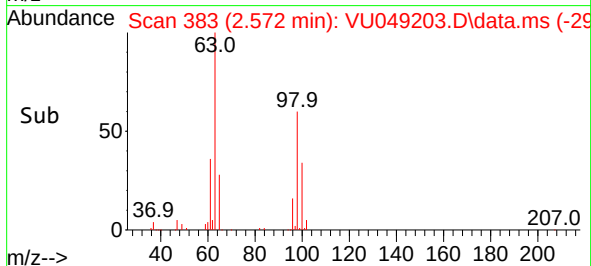
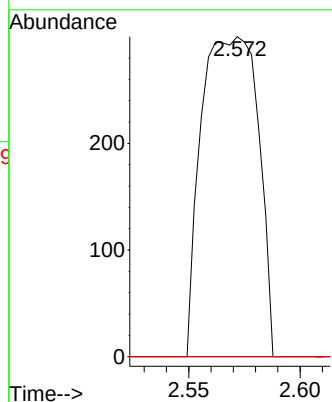


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.073 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU049203.D
 Acq: 16 Jun 2022 13:30

Instrument :
 MSVOA_U
 ClientSampleId :

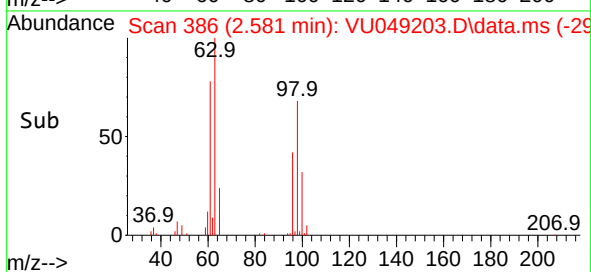
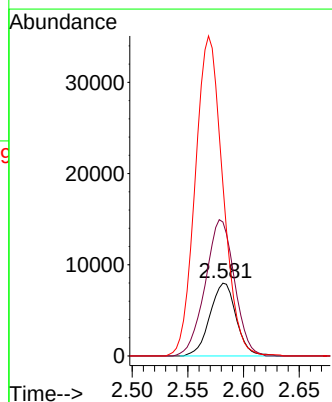
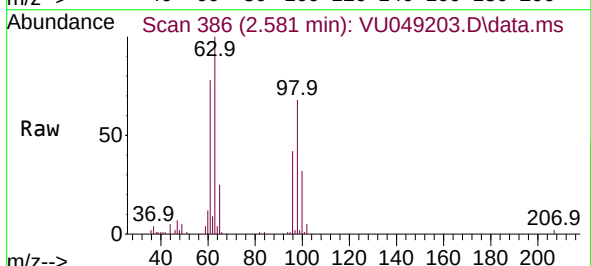


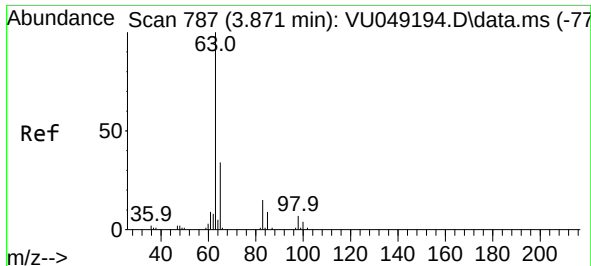
Tgt Ion:101 Resp: 531
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 1.866 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049203.D
 Acq: 16 Jun 2022 13:30

Tgt Ion: 96 Resp: 13128
 Ion Ratio Lower Upper
 96 100
 61 183.8 127.2 236.2
 63 235.5 94.7 175.9#





#19

1,1-Dichloroethane

Concen: 0.542 ug/L

RT: 3.874 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU049203.D

Acq: 16 Jun 2022 13:30

Instrument :

MSVOA_U

ClientSampleId :

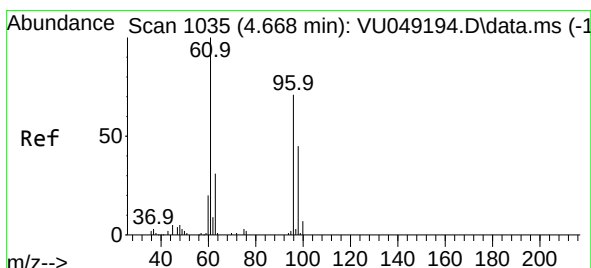
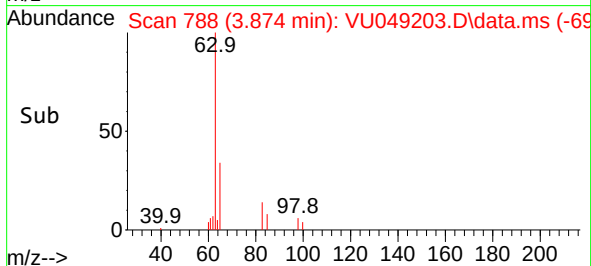
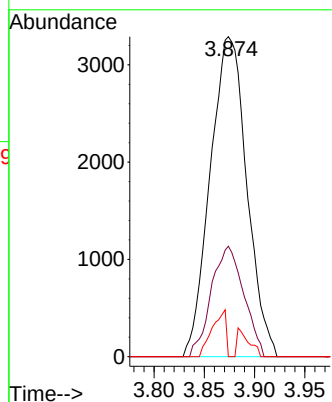
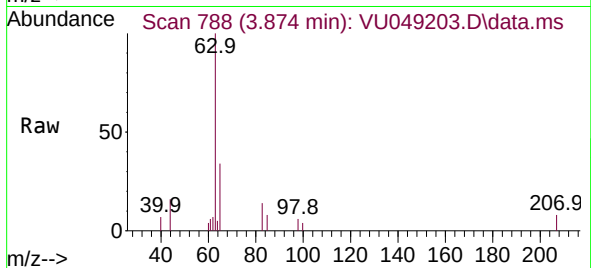
Tgt Ion: 63 Resp: 8328

Ion Ratio Lower Upper

63 100

65 32.8 24.0 44.6

83 0.0 9.1 16.9#



#22

cis-1,2-Dichloroethene

Concen: 0.648 ug/L

RT: 4.675 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VU049203.D

Acq: 16 Jun 2022 13:30

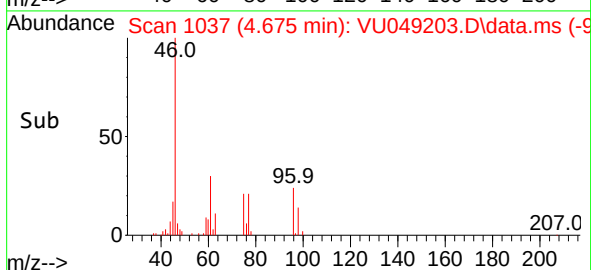
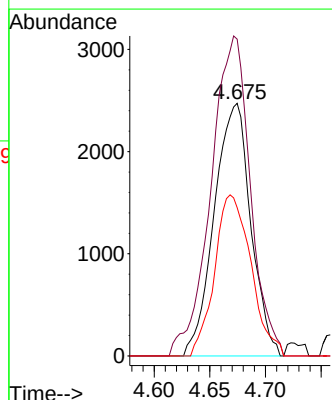
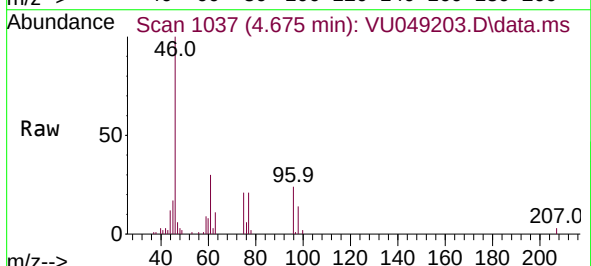
Tgt Ion: 96 Resp: 5644

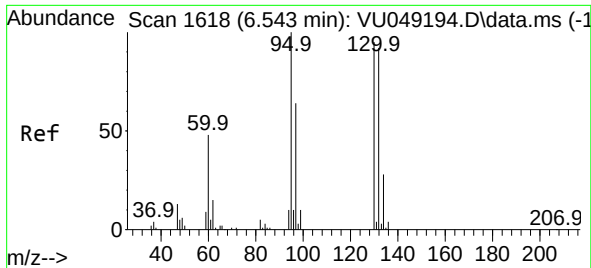
Ion Ratio Lower Upper

96 100

61 125.4 99.5 184.9

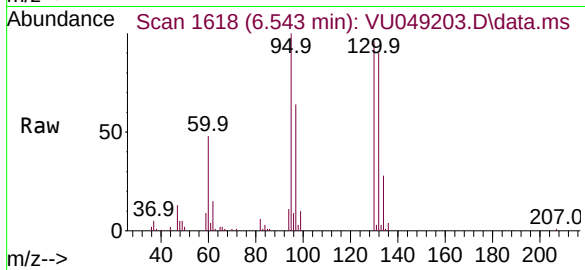
98 58.7 44.8 83.2



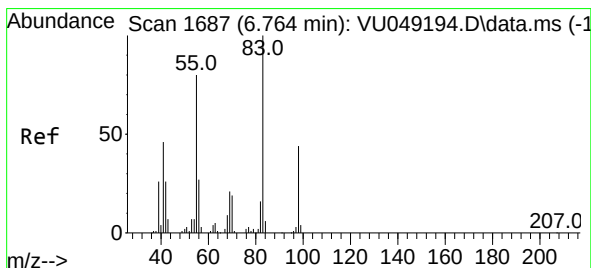
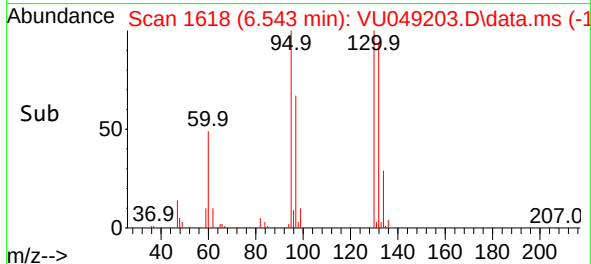
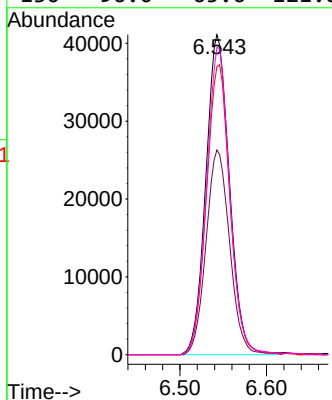


#34
Trichloroethene
Concen: 8.827 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049203.D
Acq: 16 Jun 2022 13:30

Instrument :
MSVOA_U
ClientSampleId :

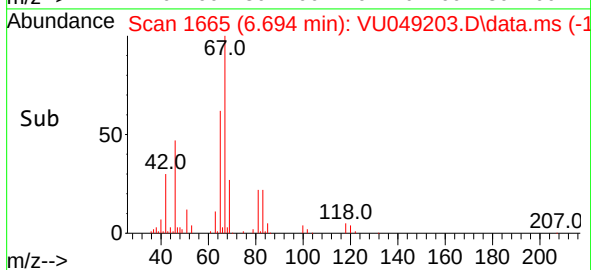
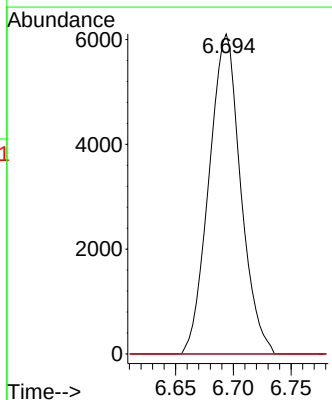
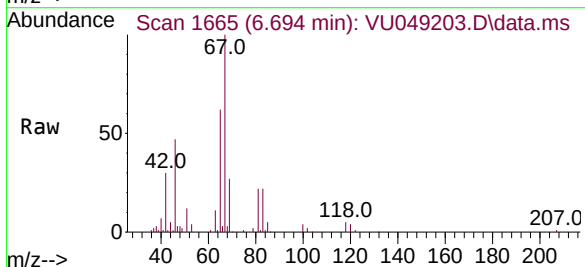


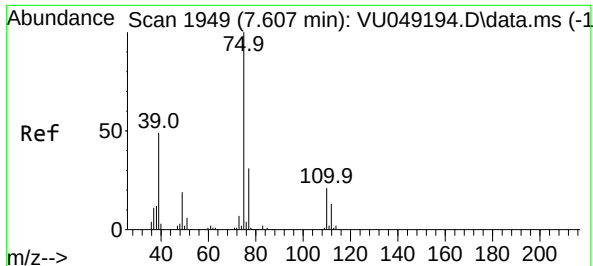
Tgt Ion: 95 Resp: 77795
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 90.0 61.5 114.3
130 96.0 65.6 121.8



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049203.D
Acq: 16 Jun 2022 13:30

Tgt Ion: 83 Resp: 11659
Ion Ratio Lower Upper
83 100
55 0.0 66.9 100.3#
98 1.3 35.5 53.3#





#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049203.D

Acq: 16 Jun 2022 13:30

Instrument :

MSVOA_U

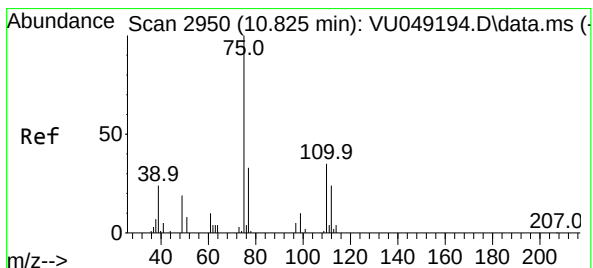
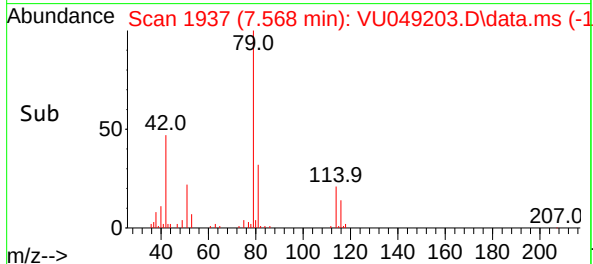
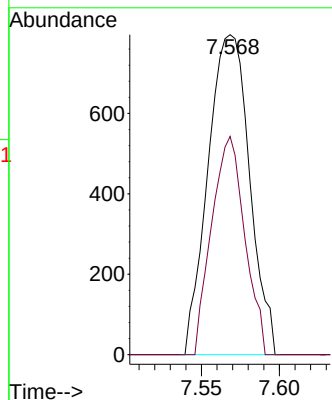
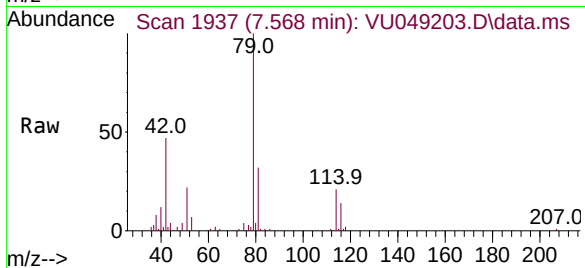
ClientSampleId :

Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

77 68.2 21.8 40.4#



#61

1,2,3-Trichloropropane

Concen: 1.201 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU049203.D

Acq: 16 Jun 2022 13:30

Tgt Ion: 75 Resp: 7661

Ion Ratio Lower Upper

75 100

110 3.7 29.0 43.4#

77 31.7 26.2 39.2

