

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049248.D
 Acq On : 17 Jun 2022 15:52
 Operator : SY/MD
 Sample : N3320-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:14:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 04:11:00 2022
 Response via : Initial Calibration

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

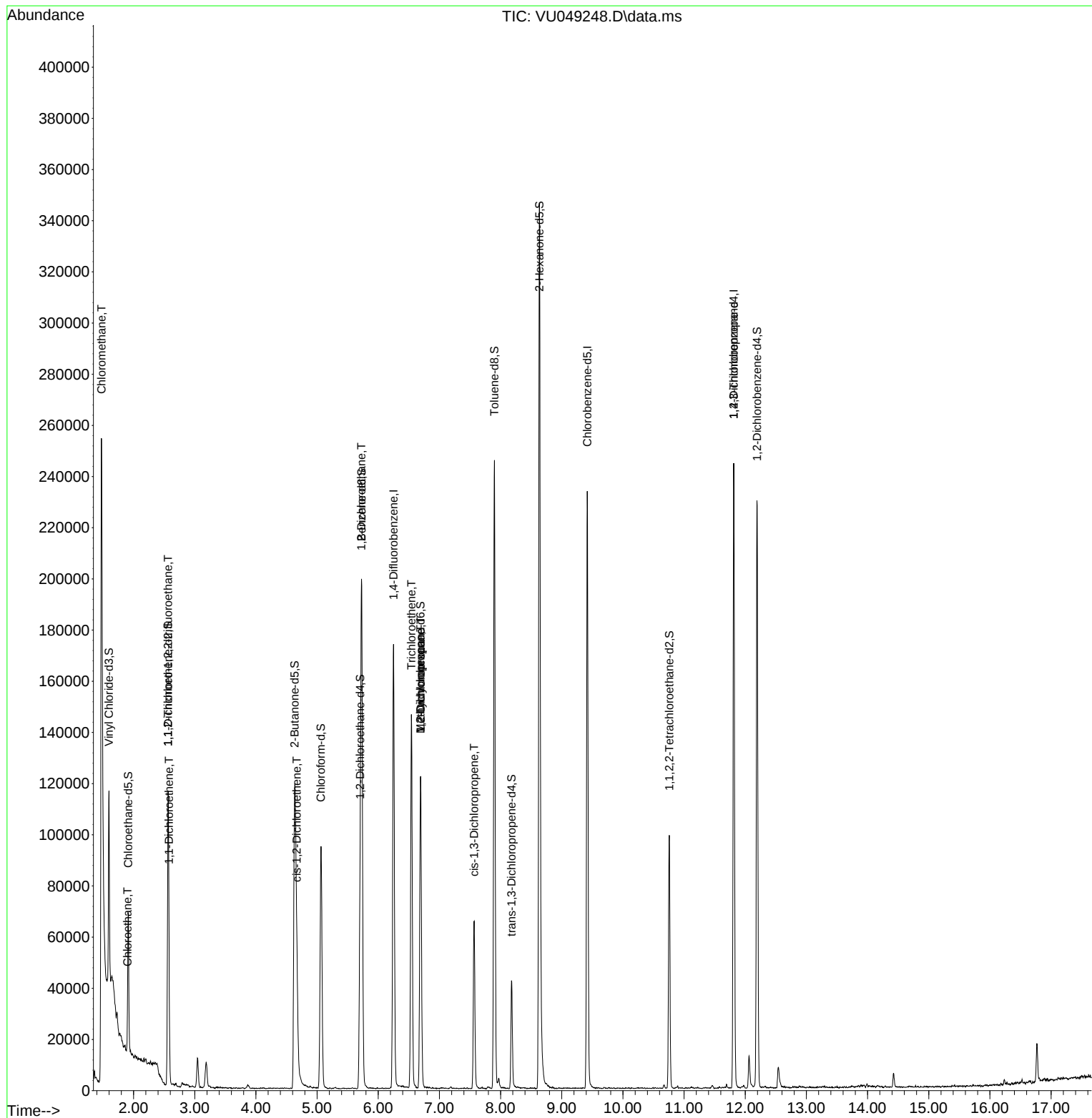
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135661	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	126552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61985	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53802	4.539	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.912	69	37744	4.703	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.565	65	21466	4.502	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.000%	
20) 2-Butanone-d5	4.633	46	167954	53.065	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.140%	
24) Chloroform-d	5.063	84	86272	4.639	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.703	65	48770	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.729	84	175352	4.599	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
36) 1,2-Dichloropropane-d6	6.690	67	59378	4.589	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.899	98	155668	4.535	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.179	79	23180	4.032	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.636	63	122476	52.816	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50125	4.838	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	57360	4.822	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.475	50	10356	0.815	ug/L #	42
8) Chloroethane	1.900	64	2064	0.313	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	529	0.068	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	4066	0.533	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	13169	1.393	ug/L	97
27) 1,2-Dichloroethane	5.723	62	1005	0.091	ug/L #	74
34) Trichloroethene	6.543	95	50639	5.261	ug/L	100
35) Methylcyclohexane	6.690	83	13112	0.812	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	6400	0.619	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1769	0.112	ug/L #	61
61) 1,2,3-Trichloropropane	11.812	75	8396	1.207	ug/L #	69

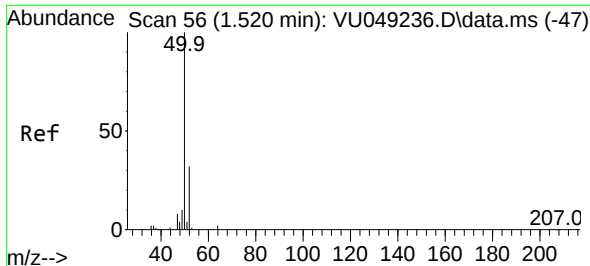
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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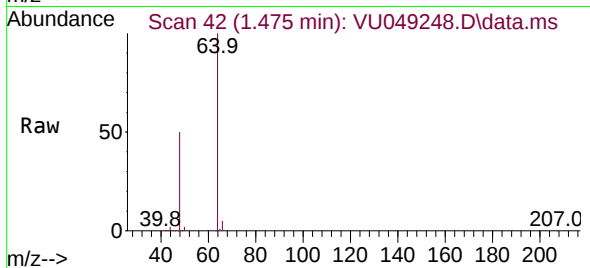
Quant Time: Jun 18 04:14:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
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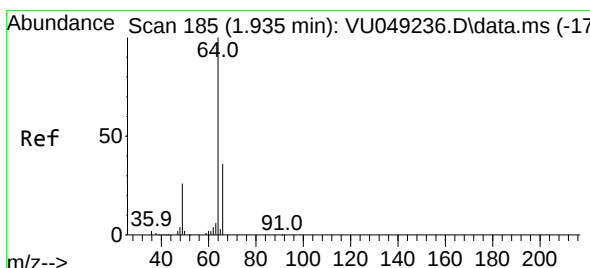
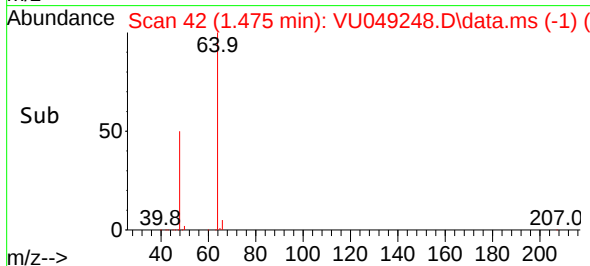
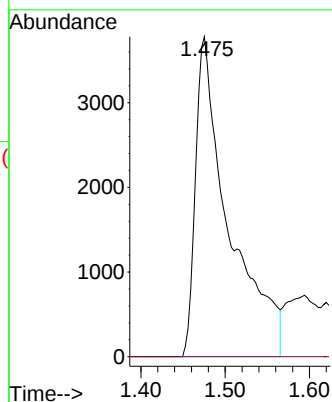


#3
Chloromethane
Concen: 0.815 ug/L
RT: 1.475 min Scan# 41
Delta R.T. -0.045 min
Lab File: VU049248.D
Acq: 17 Jun 2022 15:52

Instrument :
MSVOA_U
ClientSampleId :

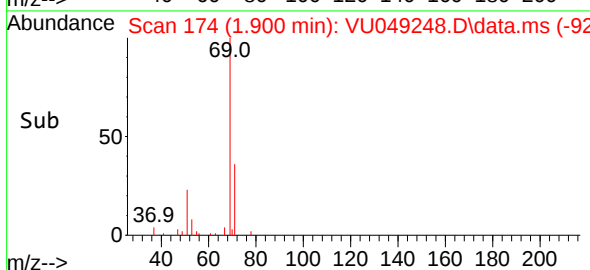
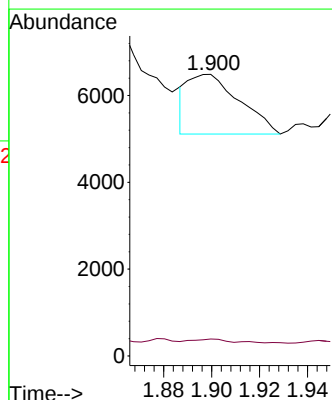
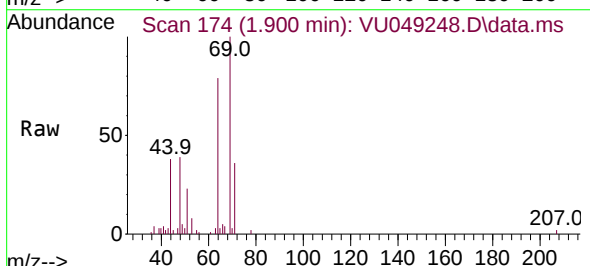


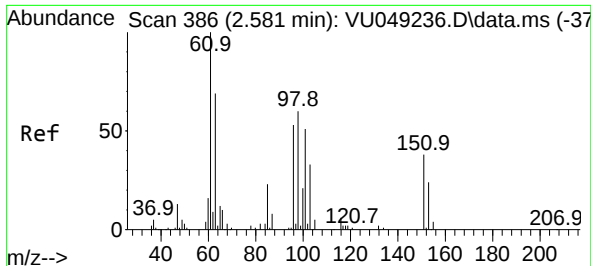
Tgt Ion: 50 Resp: 10356
Ion Ratio Lower Upper
50 100
52 0.0 22.7 42.1#



#8
Chloroethane
Concen: 0.313 ug/L
RT: 1.900 min Scan# 174
Delta R.T. -0.035 min
Lab File: VU049248.D
Acq: 17 Jun 2022 15:52

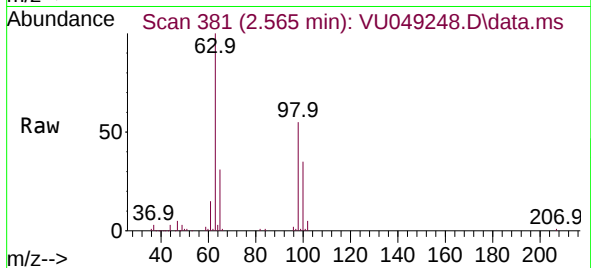
Tgt Ion: 64 Resp: 2064
Ion Ratio Lower Upper
64 100
66 5.8 20.9 38.9#



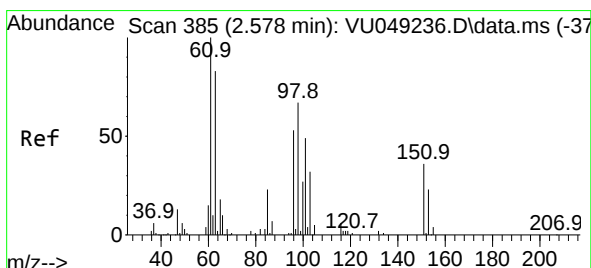
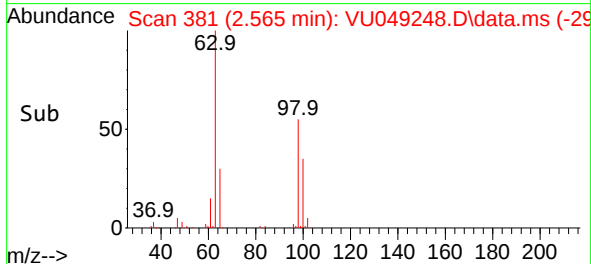
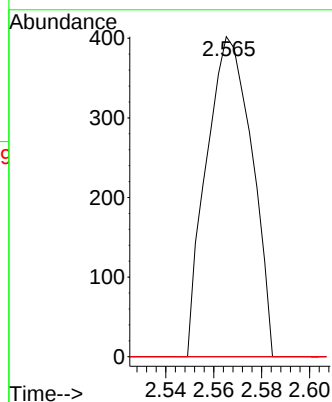


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.068 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049248.D
 Acq: 17 Jun 2022 15:52

Instrument :
 MSVOA_U
 ClientSampleId :

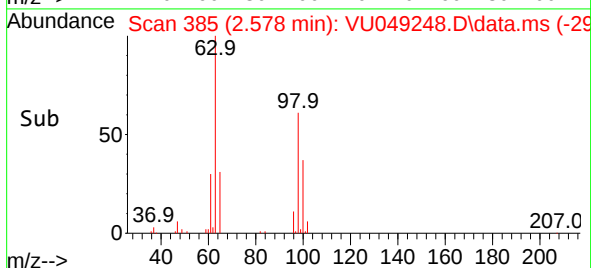
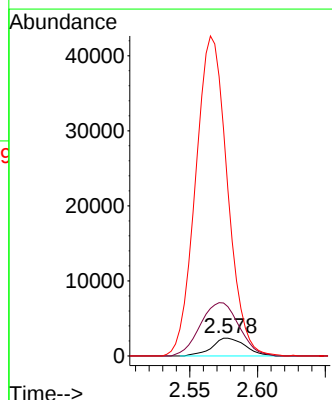
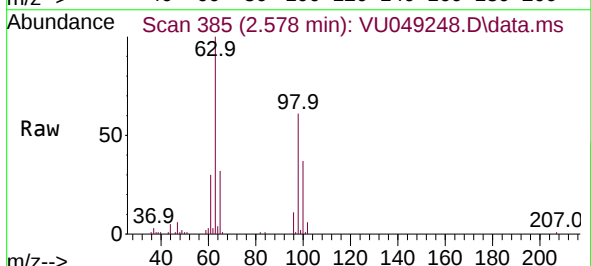


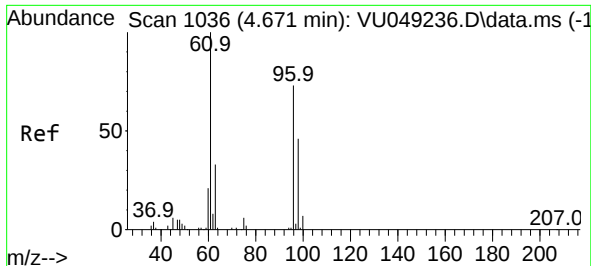
Tgt Ion:101 Resp: 529
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#



#12
 1,1-Dichloroethene
 Concen: 0.533 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU049248.D
 Acq: 17 Jun 2022 15:52

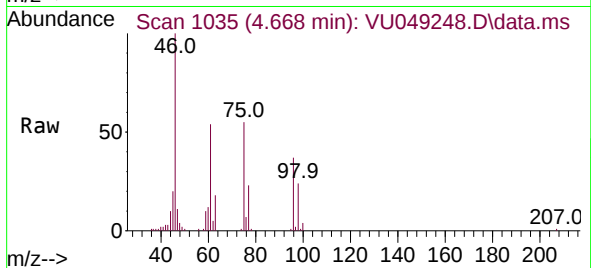
Tgt Ion: 96 Resp: 4066
 Ion Ratio Lower Upper
 96 100
 61 276.8 127.2 236.2#
 63 934.1 94.7 175.9#



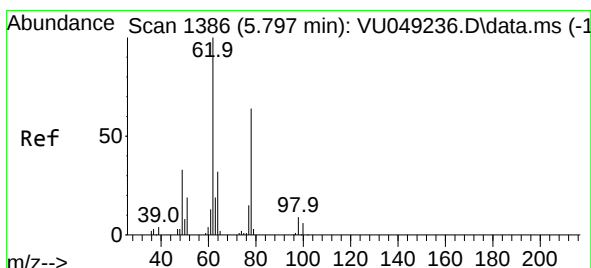
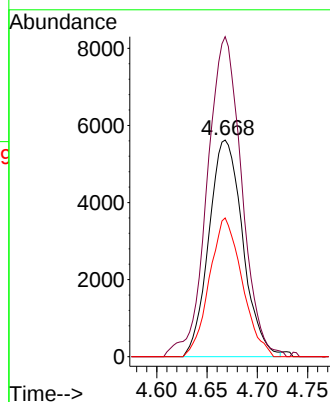
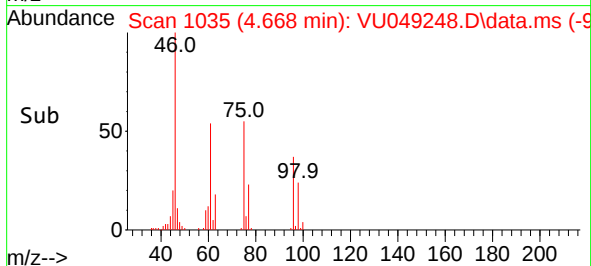


#22
 cis-1,2-Dichloroethene
 Concen: 1.393 ug/L
 RT: 4.668 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU049248.D
 Acq: 17 Jun 2022 15:52

Instrument :
 MSVOA_U
 ClientSampleId :

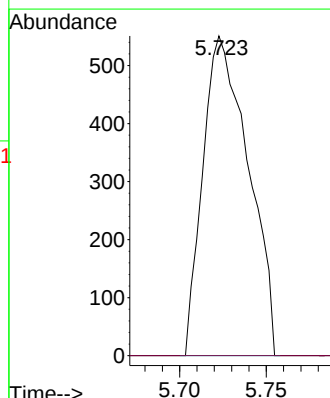
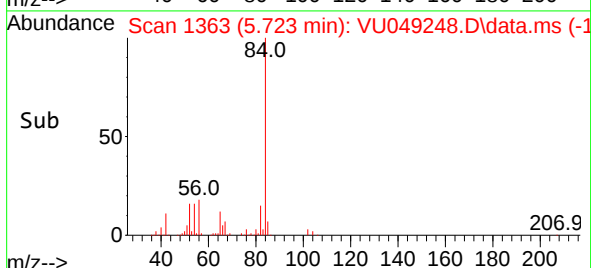
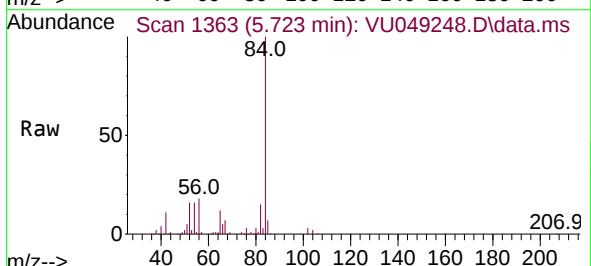


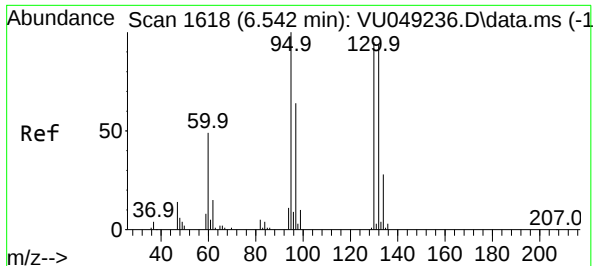
Tgt Ion: 96 Resp: 13169
 Ion Ratio Lower Upper
 96 100
 61 147.7 99.5 184.9
 98 64.1 44.8 83.2



#27
 1,2-Dichloroethane
 Concen: 0.091 ug/L
 RT: 5.723 min Scan# 1363
 Delta R.T. -0.074 min
 Lab File: VU049248.D
 Acq: 17 Jun 2022 15:52

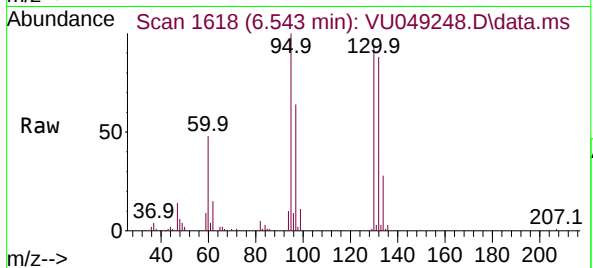
Tgt Ion: 62 Resp: 1005
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



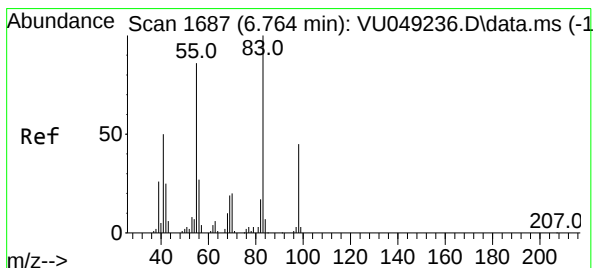
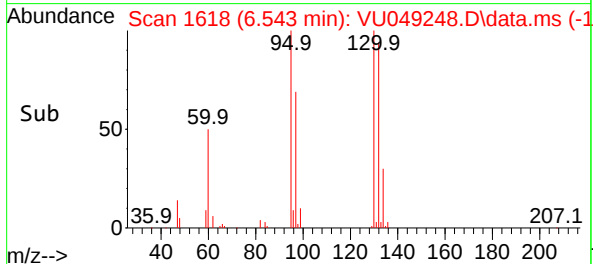
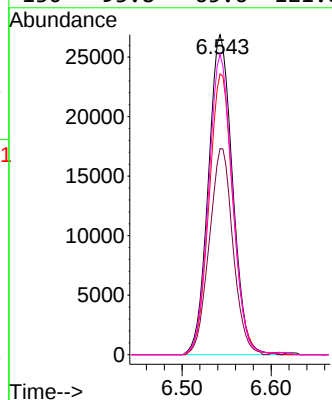


#34
Trichloroethene
Concen: 5.261 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049248.D
Acq: 17 Jun 2022 15:52

Instrument :
MSVOA_U
ClientSampleId :

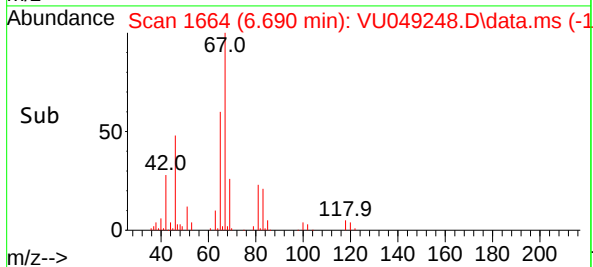
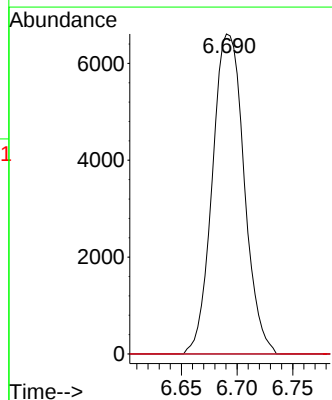
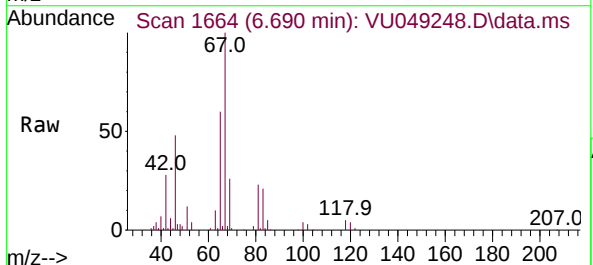


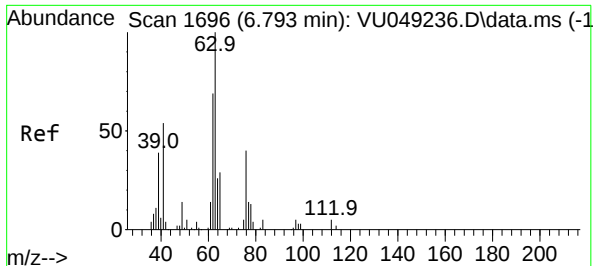
Tgt Ion: 95 Resp: 50639
Ion Ratio Lower Upper
95 100
97 64.4 45.3 84.1
132 87.7 61.5 114.3
130 93.8 65.6 121.8



#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049248.D
Acq: 17 Jun 2022 15:52

Tgt Ion: 83 Resp: 13112
Ion Ratio Lower Upper
83 100
55 0.0 66.9 100.3#
98 6.5 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049248.D

Acq: 17 Jun 2022 15:52

Instrument :

MSVOA_U

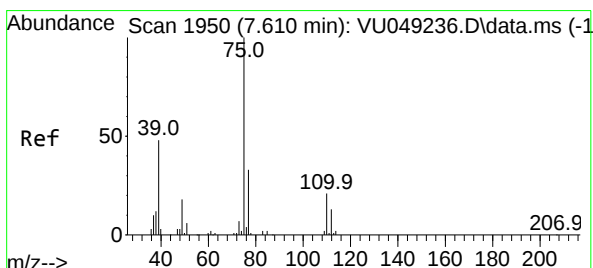
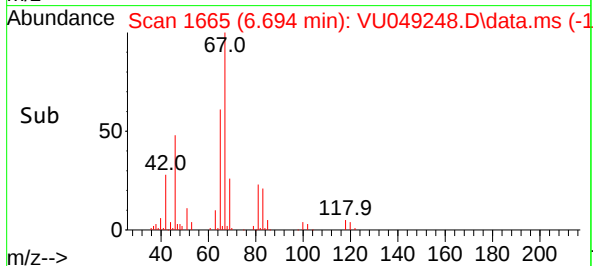
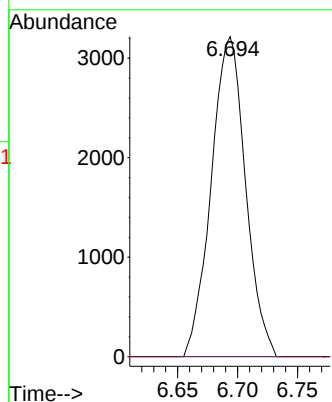
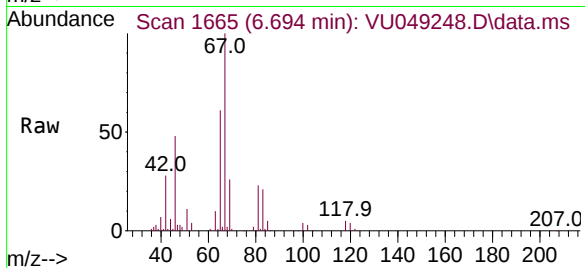
ClientSampleId :

Tgt Ion: 63 Resp: 6400

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU049248.D

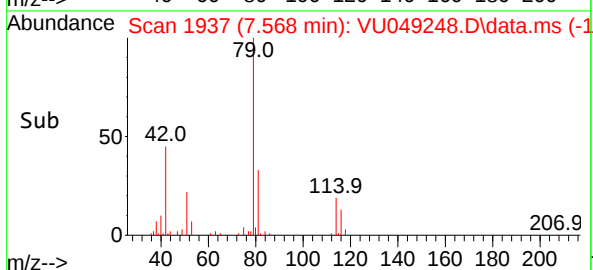
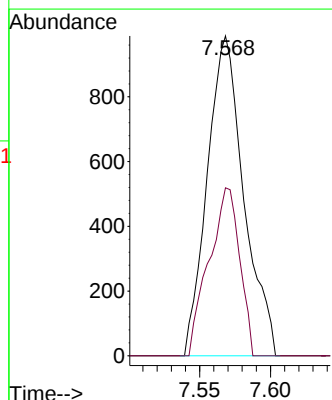
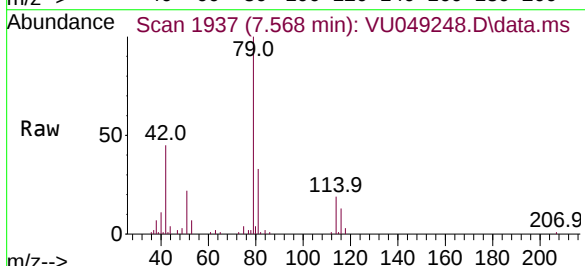
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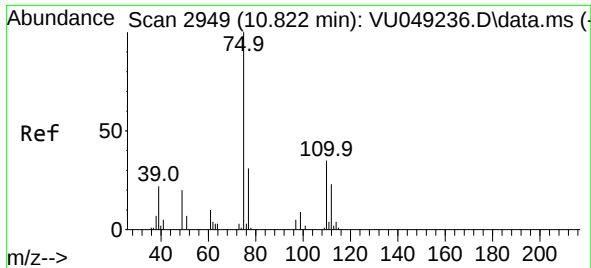
Tgt Ion: 75 Resp: 1769

Ion Ratio Lower Upper

75 100

77 52.5 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 1.207 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.990 min

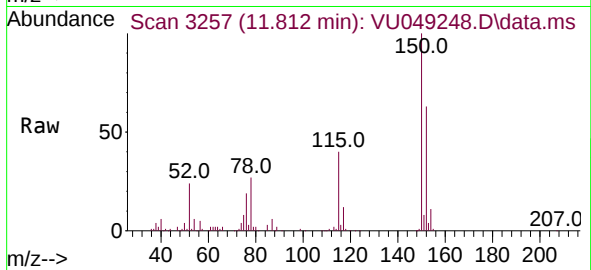
Lab File: VU049248.D

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MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	8396
Ion	Ratio	Lower	Upper
75	100		
110	2.3	29.0	43.4#
77	32.0	26.2	39.2

