

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049151.D
 Acq On : 15 Jun 2022 06:24
 Operator : SY/MD
 Sample : N3274-17 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

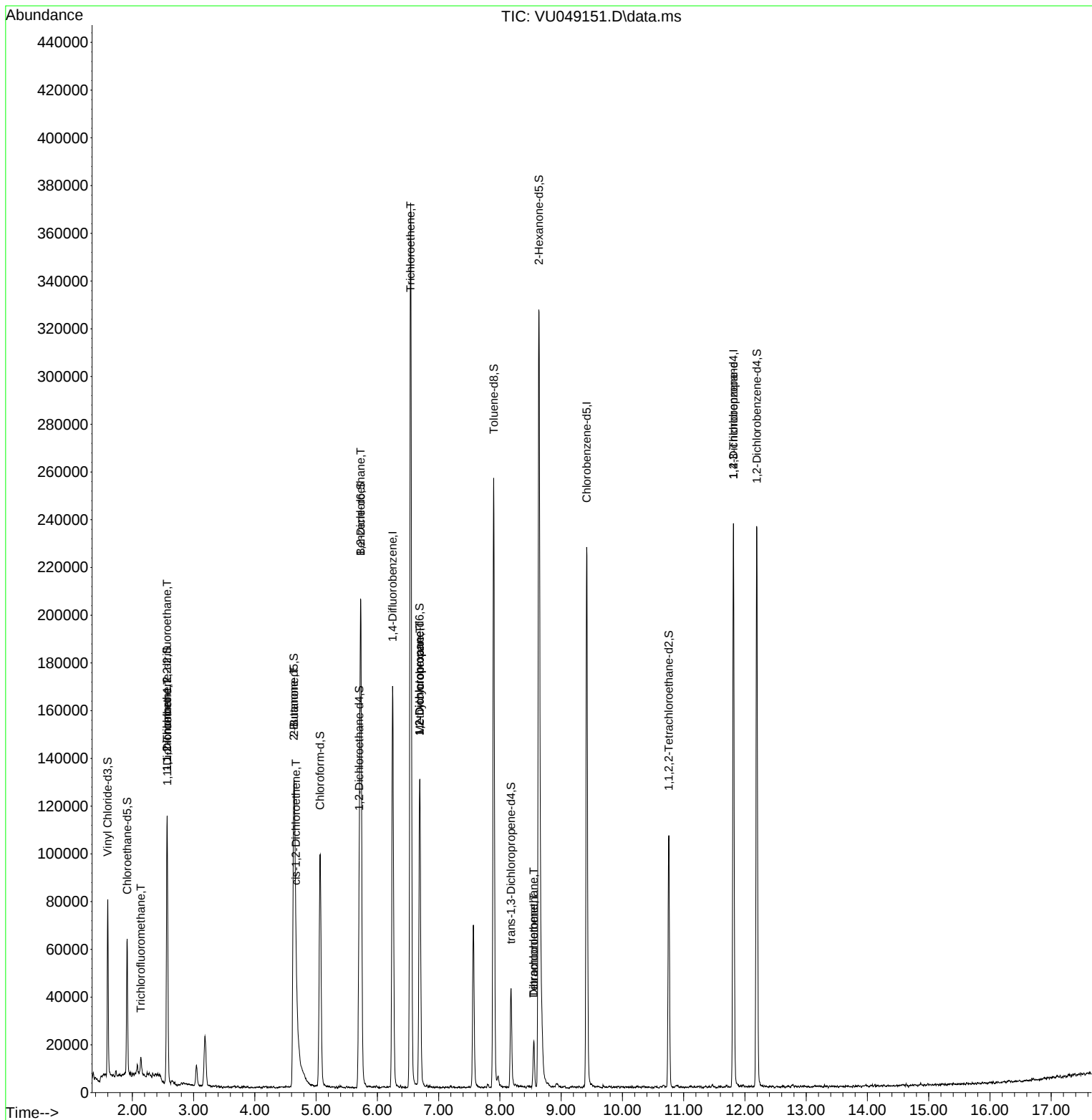
Quant Time: Jun 15 07:25:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

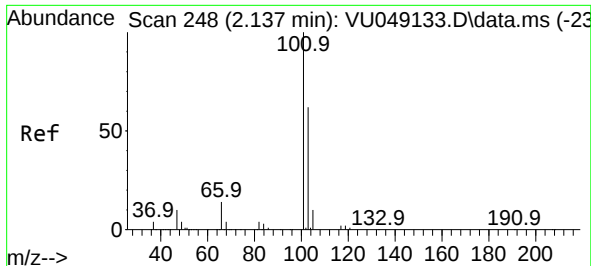
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134353	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	123009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52035	4.432	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.916	69	39427	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.568	65	21493	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.636	46	182530	58.232	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.460%
24) Chloroform-d	5.067	84	90340	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.703	65	53032	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.729	84	184832	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.690	67	64228	5.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.899	98	164705	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.182	79	24502	4.385	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.636	63	119881	53.186	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53704	5.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	59738	5.153	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	4254	0.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	499	0.064	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	966	0.128	ug/L #	1
21) 2-Butanone	4.642	43	4721	1.596	ug/L #	60
22) cis-1,2-Dichloroethene	4.671	96	1525	0.163	ug/L	80
27) 1,2-Dichloroethane	5.729	62	1186	0.109	ug/L #	74
34) Trichloroethene	6.542	95	130118	13.907	ug/L	98
35) Methylcyclohexane	6.694	83	14292	0.911	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6818	0.678	ug/L #	89
47) Tetrachloroethene	8.552	164	4254	0.659	ug/L	93
49) Dibromochloromethane	8.552	129	4047	0.506	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8145	1.202	ug/L #	68

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

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Response via : Initial Calibration

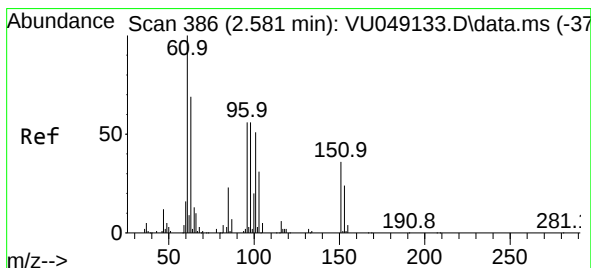
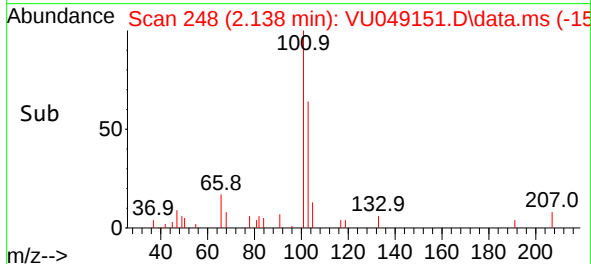
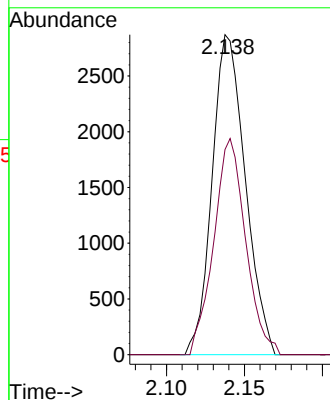
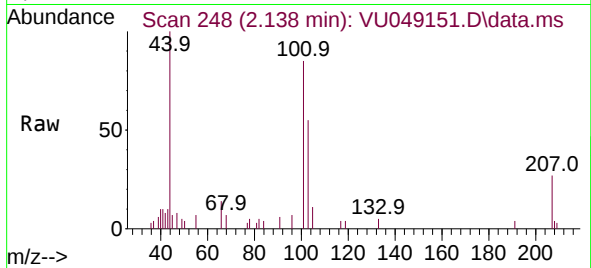




#9
 Trichlorofluoromethane
 Concen: 0.325 ug/L
 RT: 2.138 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VU049151.D
 Acq: 15 Jun 2022 06:24

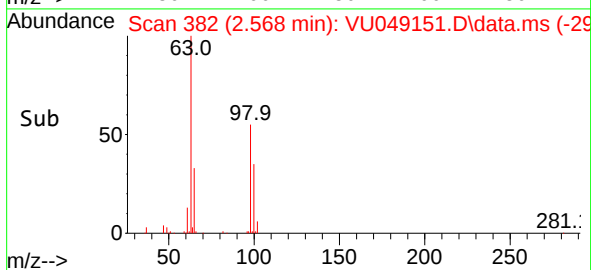
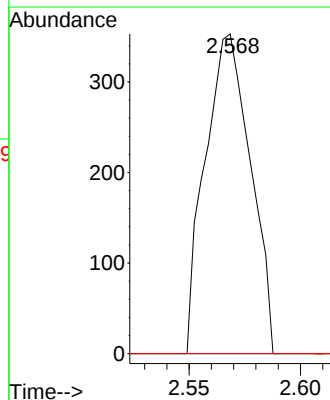
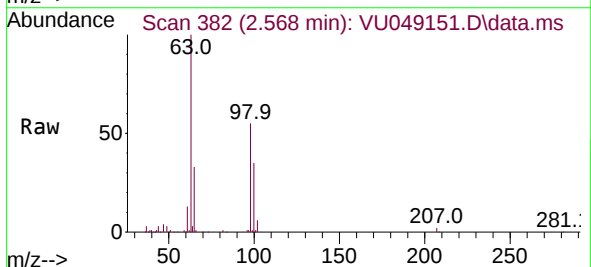
Instrument :
 MSVOA_U
 ClientSampleId :

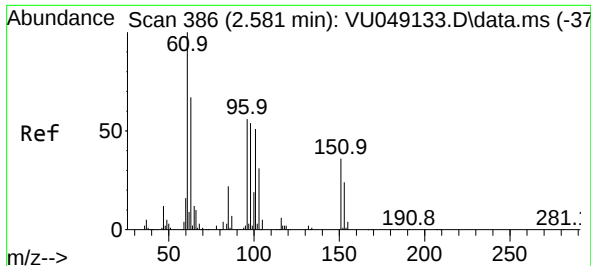
Tgt Ion:101 Resp: 4254
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU049151.D
 Acq: 15 Jun 2022 06:24

Tgt Ion:101 Resp: 499
 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: 0.128 ug/L

RT: 2.572 min Scan# 386

Delta R.T. -0.009 min

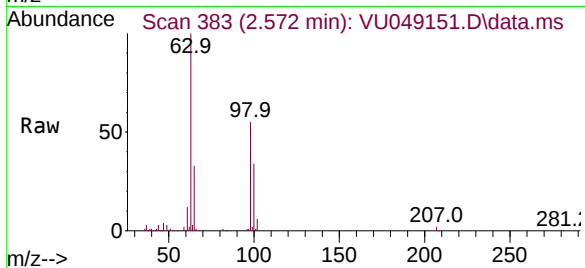
Lab File: VU049151.D

Acq: 15 Jun 2022 06:24

Instrument :

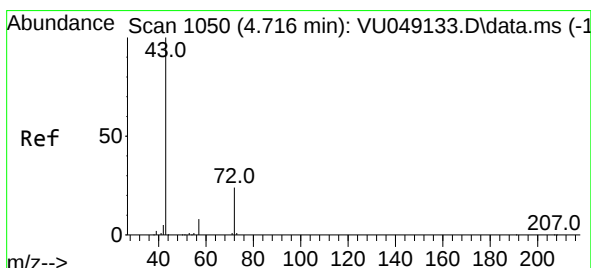
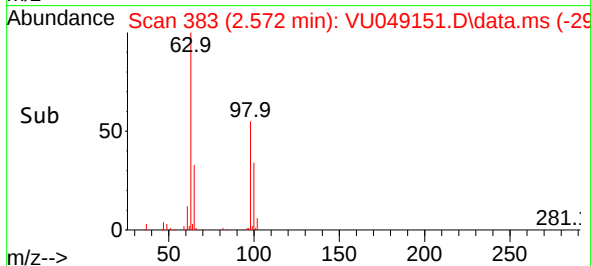
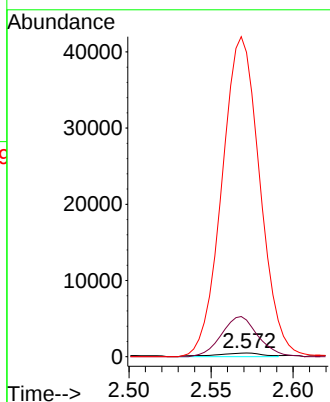
MSVOA_U

ClientSampleId :



Tgt Ion: 96 Resp: 966

Ion	Ratio	Lower	Upper
96	100		
61	984.0	127.2	236.2#
63	8185.2	94.7	175.9#



#21

2-Butanone

Concen: 1.596 ug/L

RT: 4.642 min Scan# 1027

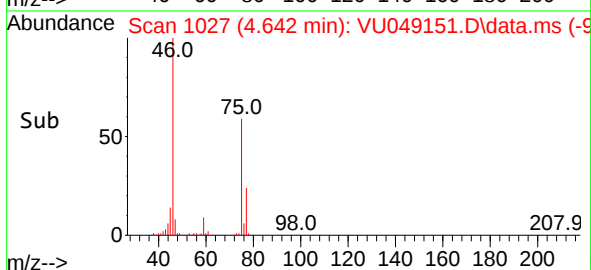
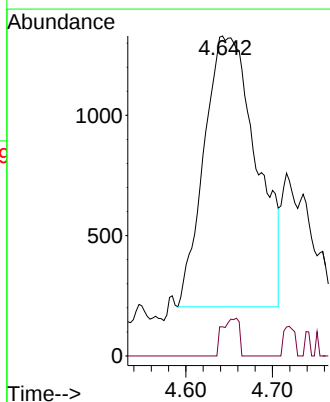
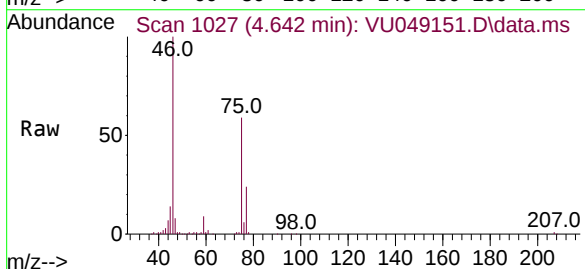
Delta R.T. -0.074 min

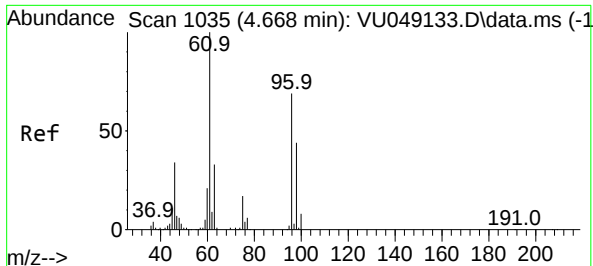
Lab File: VU049151.D

Acq: 15 Jun 2022 06:24

Tgt Ion: 43 Resp: 4721

Ion	Ratio	Lower	Upper
43	100		
72	4.5	12.2	36.6#

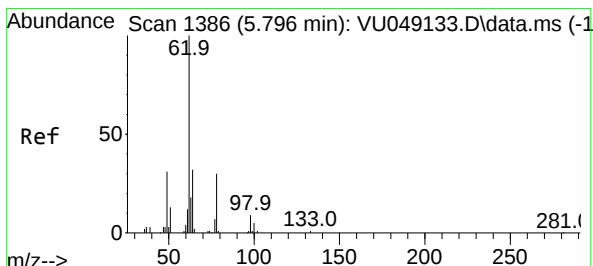
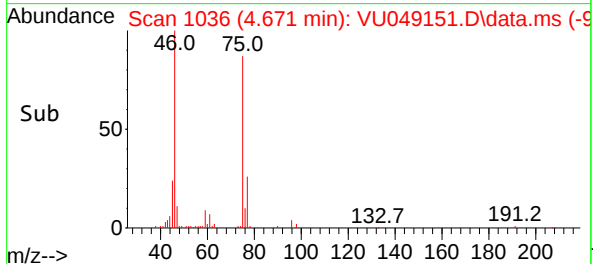
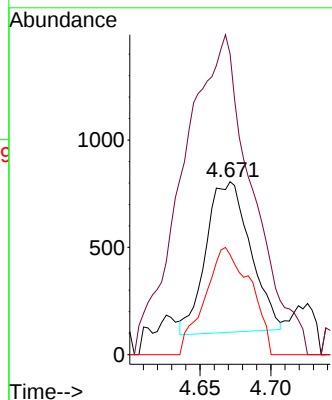
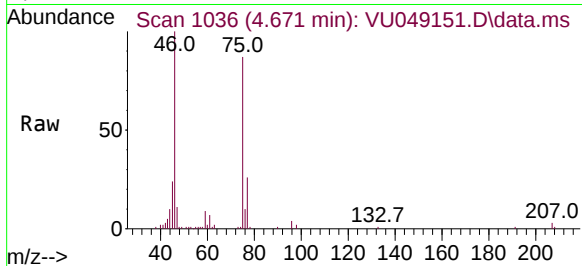




#22
 cis-1,2-Dichloroethene
 Concen: 0.163 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU049151.D
 Acq: 15 Jun 2022 06:24

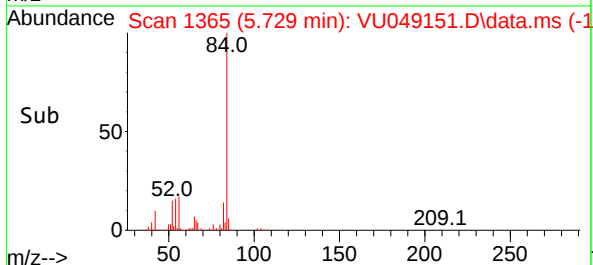
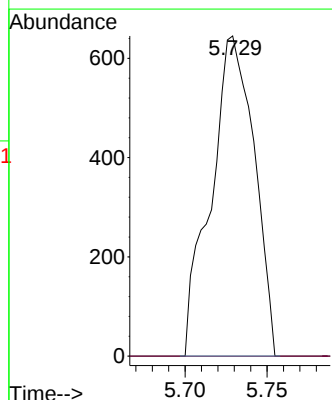
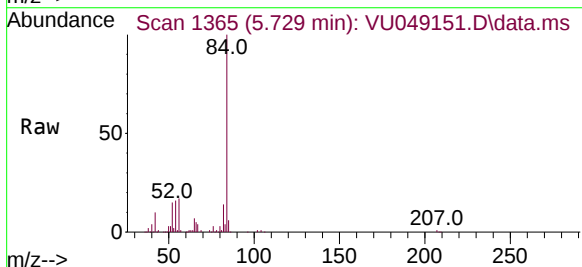
Instrument :
 MSVOA_U
 ClientSampleId :

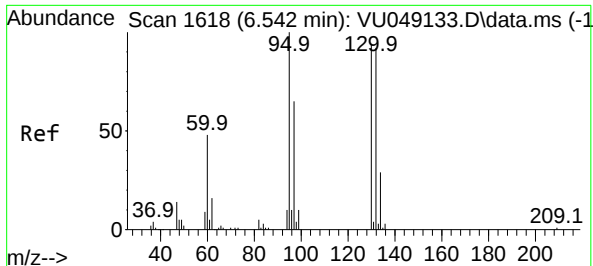
Tgt Ion: 96 Resp: 1525
 Ion Ratio Lower Upper
 96 100
 61 173.7 99.5 184.9
 98 57.7 44.8 83.2



#27
 1,2-Dichloroethane
 Concen: 0.109 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.067 min
 Lab File: VU049151.D
 Acq: 15 Jun 2022 06:24

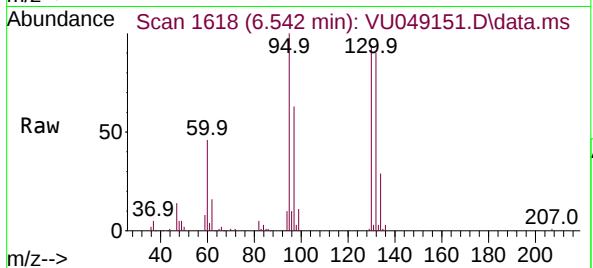
Tgt Ion: 62 Resp: 1186
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



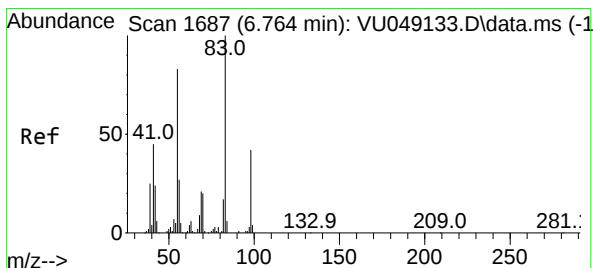
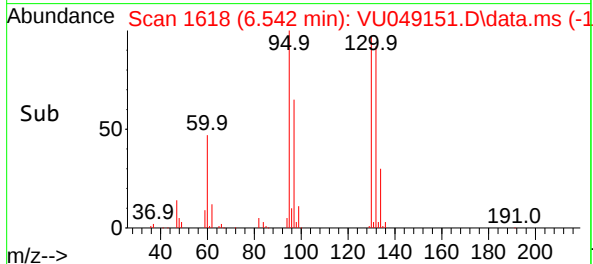
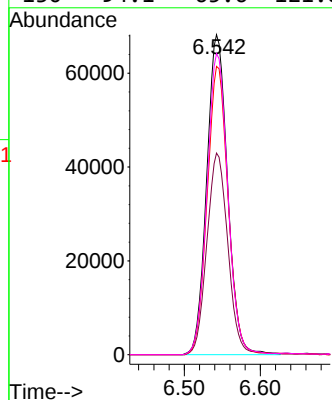


#34
Trichloroethene
Concen: 13.907 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049151.D
Acq: 15 Jun 2022 06:24

Instrument :
MSVOA_U
ClientSampleId :

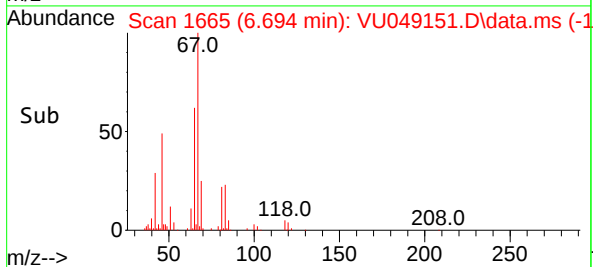
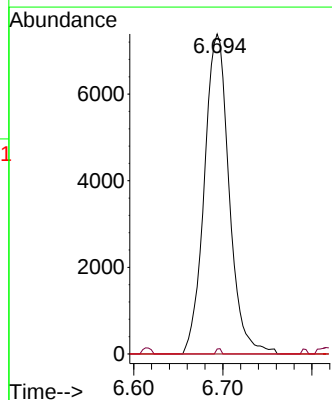
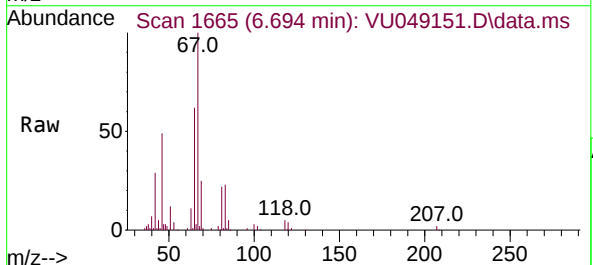


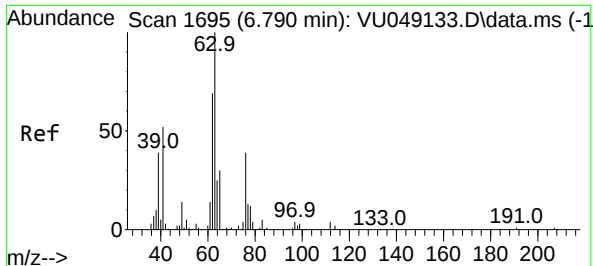
Tgt Ion: 95 Resp: 130118
Ion Ratio Lower Upper
95 100
97 63.0 45.3 84.1
132 90.1 61.5 114.3
130 94.1 65.6 121.8



#35
Methylcyclohexane
Concen: 0.911 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049151.D
Acq: 15 Jun 2022 06:24

Tgt Ion: 83 Resp: 14292
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 0.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049151.D

Acq: 15 Jun 2022 06:24

Instrument :

MSVOA_U

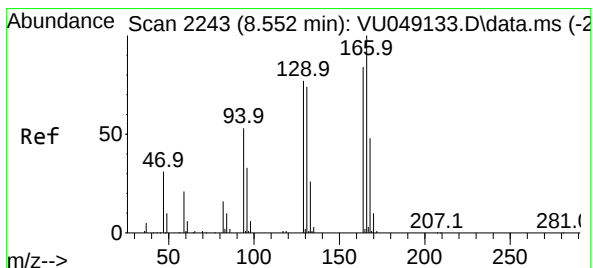
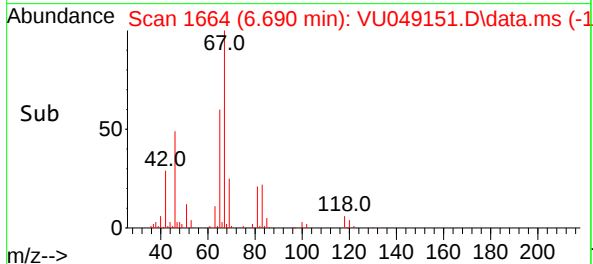
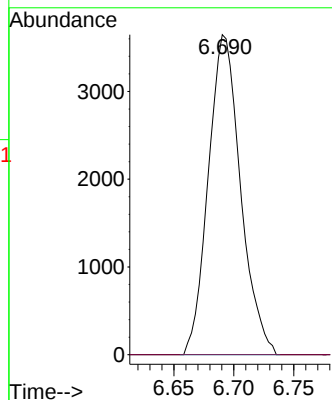
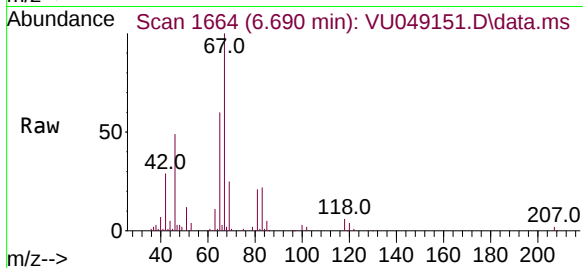
ClientSampleId :

Tgt Ion: 63 Resp: 6818

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 0.659 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU049151.D

Acq: 15 Jun 2022 06:24

Tgt Ion: 164 Resp: 4254

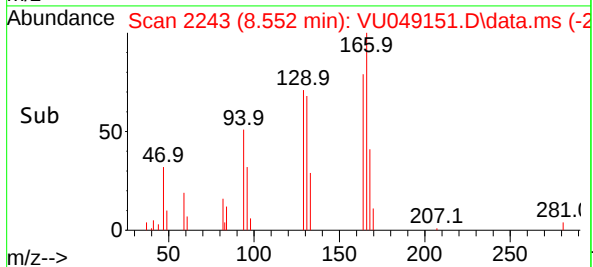
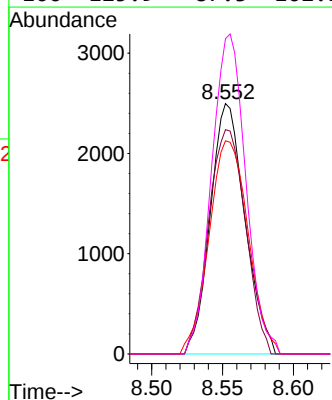
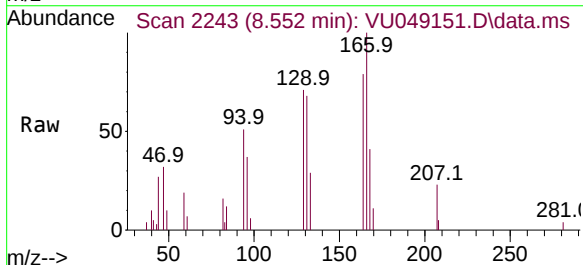
Ion Ratio Lower Upper

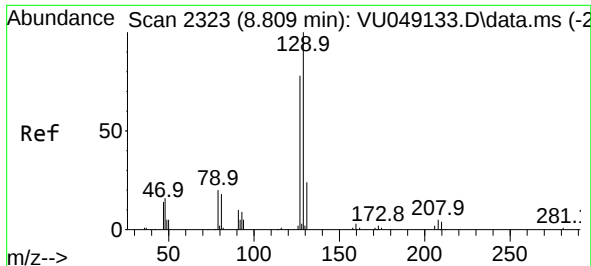
164 100

129 89.6 69.8 129.6

131 85.1 67.8 125.8

166 125.9 87.3 162.1





#49

Dibromochloromethane

Concen: 0.506 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049151.D

Acq: 15 Jun 2022 06:24

Instrument :

MSVOA_U

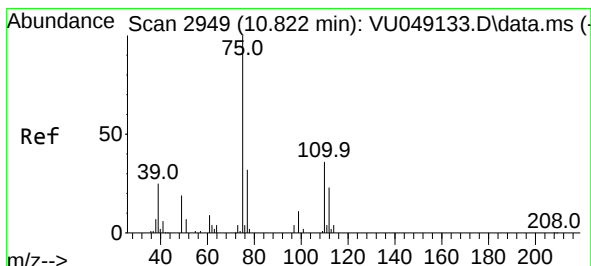
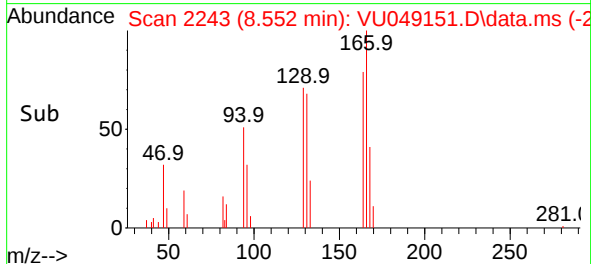
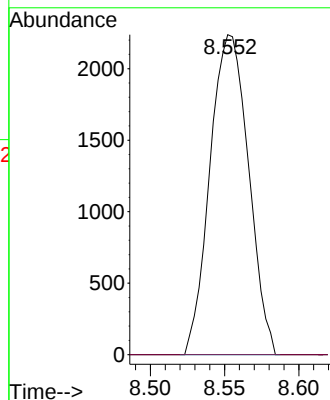
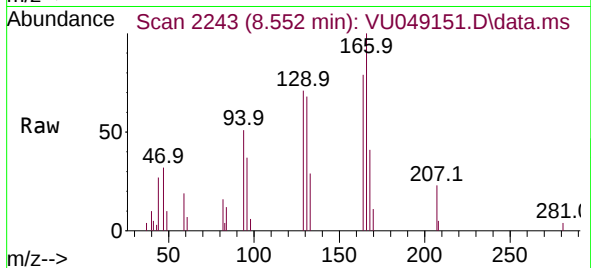
ClientSampleId :

Tgt Ion:129 Resp: 4047

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#61

1,2,3-Trichloropropane

Concen: 1.202 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049151.D

Acq: 15 Jun 2022 06:24

Tgt Ion: 75 Resp: 8145

Ion Ratio Lower Upper

75 100

110 1.7 29.0 43.4#

77 31.2 26.2 39.2

