

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051632.D
 Acq On : 01 Nov 2022 00:18
 Operator : JC/MD
 Sample : N5321-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWV9

Quant Time: Nov 01 05:59:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

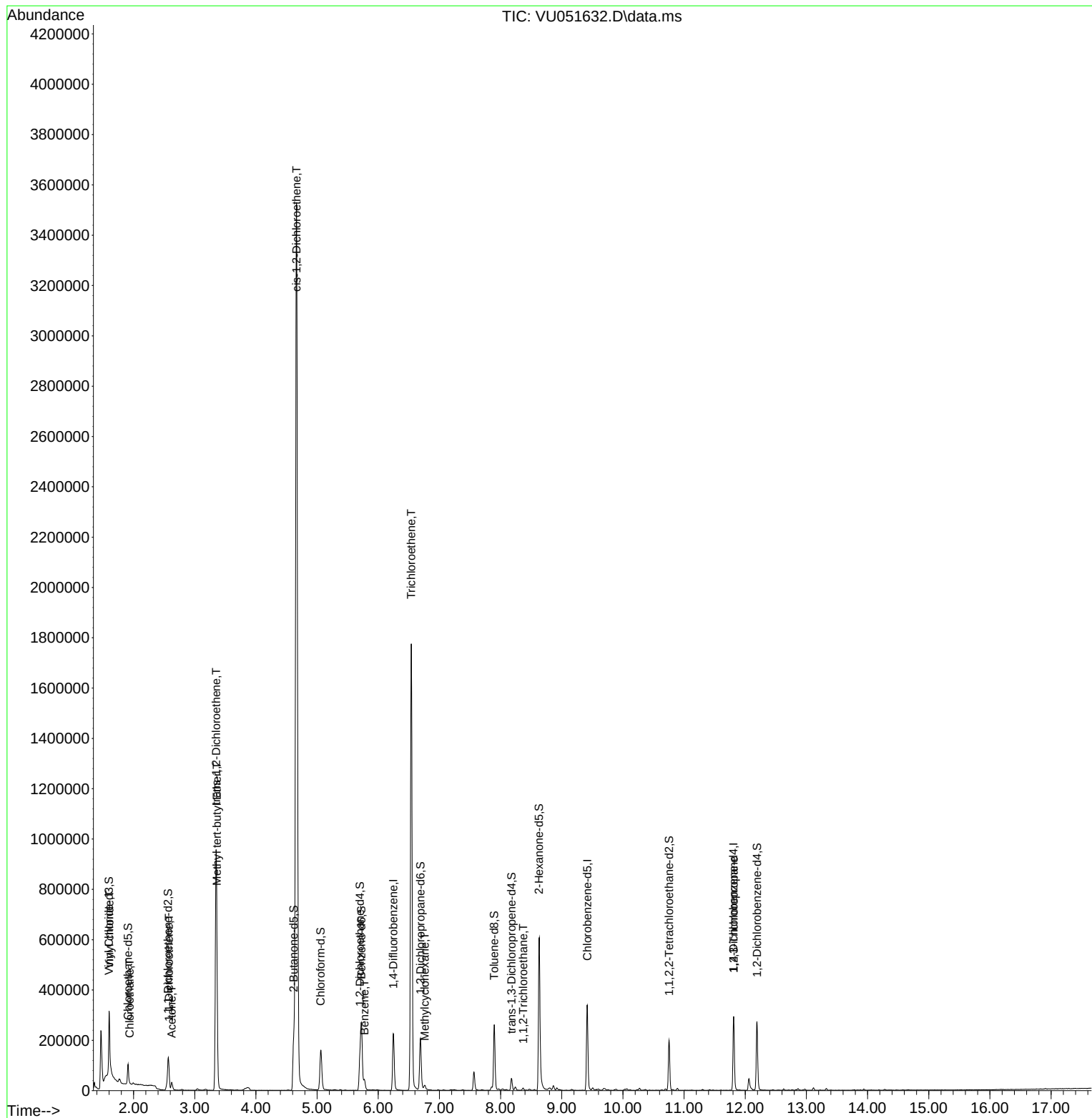
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	190227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51955	3.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.909	69	63135	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.565	65	20210	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.616	46	282502	54.446	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	5.060	84	148641	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	87550	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.726	84	261787	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.690	67	100889	4.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	177158	3.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.179	79	27628	4.106	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.629	63	203603	50.270	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	101644	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	72075	4.781	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	123962	4.935	ug/L #	19
8) Chloroethane	1.935	64	1742	0.114	ug/L #	54
12) 1,1-Dichloroethene	2.578	96	18592	1.124	ug/L #	53
13) Acetone	2.623	43	32442	12.323	ug/L	100
17) Methyl tert-butyl Ether	3.362	73	6091	0.161	ug/L #	90
18) trans-1,2-Dichloroethene	3.350	96	417579	23.528	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	1909816	97.250	ug/L	99
33) Benzene	5.774	78	37298	0.474	ug/L	100
34) Trichloroethene	6.539	95	622821	32.796	ug/L	100
35) Methylcyclohexane	6.761	83	6974	0.266	ug/L	90
45) 1,1,2-Trichloroethane	8.369	97	2915	0.197	ug/L #	21
61) 1,2,3-Trichloropropane	11.812	75	9922	0.934	ug/L #	69

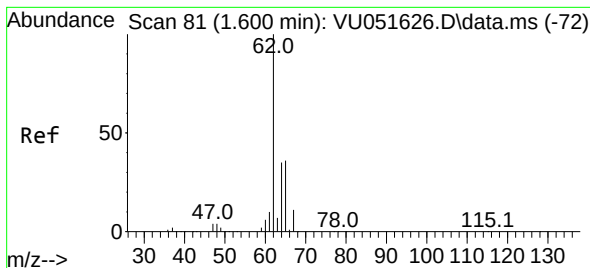
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.935 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU051632.D

Acq: 01 Nov 2022 00:18

Instrument :

MSVOA_U

ClientSampleId :

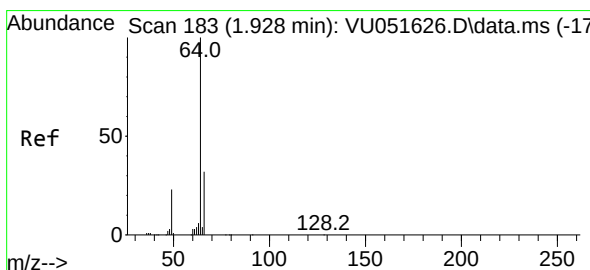
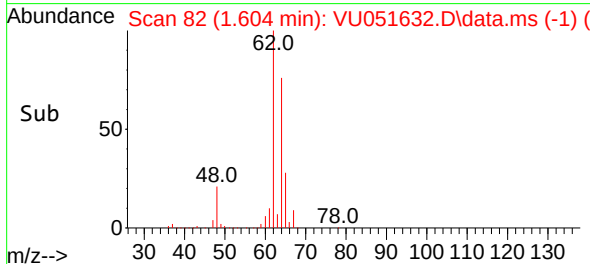
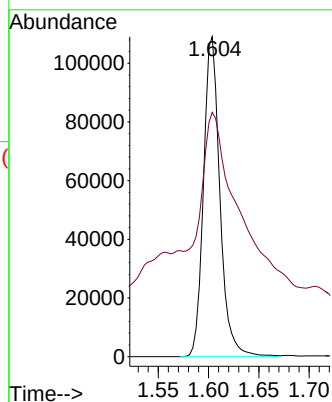
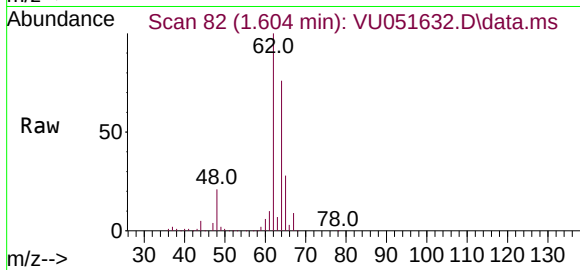
DBVV9

Tgt Ion: 62 Resp: 123962

Ion Ratio Lower Upper

62 100

64 76.3 22.1 41.1#



#8

Chloroethane

Concen: 0.114 ug/L

RT: 1.935 min Scan# 185

Delta R.T. 0.006 min

Lab File: VU051632.D

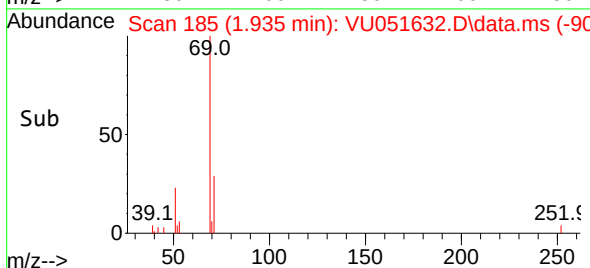
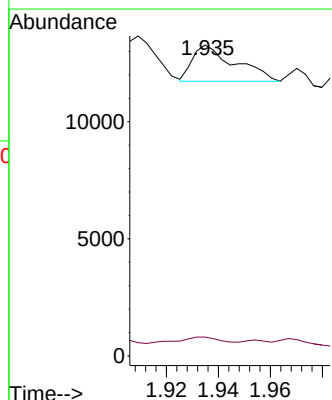
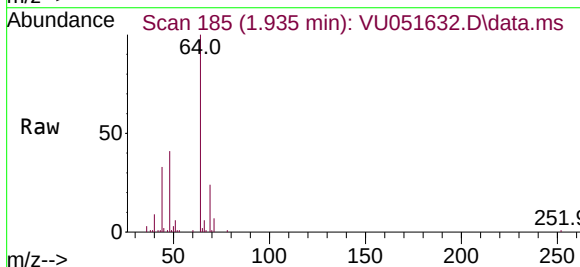
Acq: 01 Nov 2022 00:18

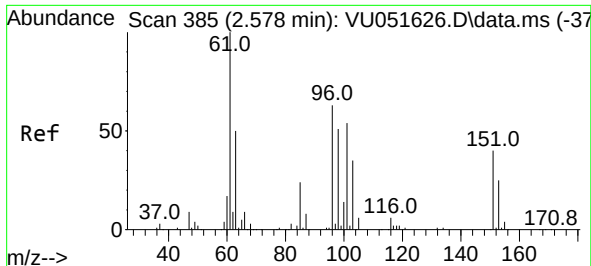
Tgt Ion: 64 Resp: 1742

Ion Ratio Lower Upper

64 100

66 6.1 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 1.124 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051632.D

Acq: 01 Nov 2022 00:18

Instrument :

MSVOA_U

ClientSampleId :

DBVV9

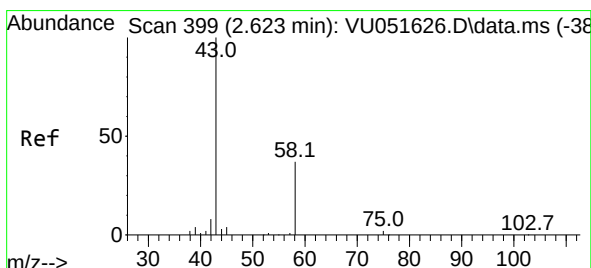
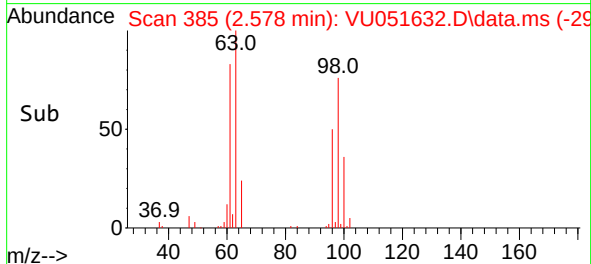
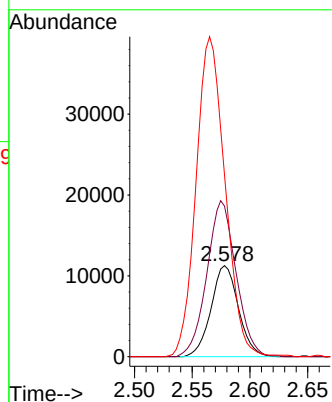
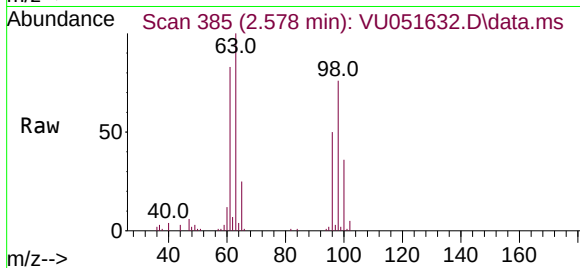
Tgt Ion: 96 Resp: 18592

Ion Ratio Lower Upper

96 100

61 165.5 108.8 202.0

63 199.5 64.9 120.5#



#13

Acetone

Concen: 12.323 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051632.D

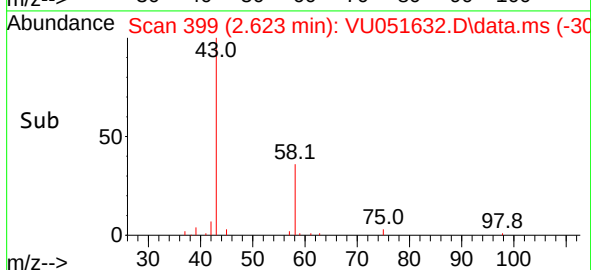
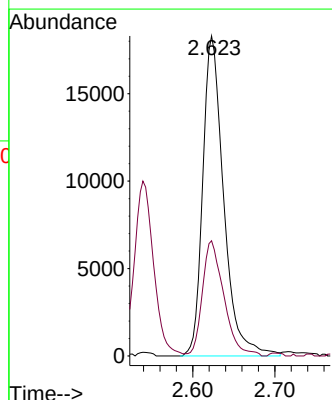
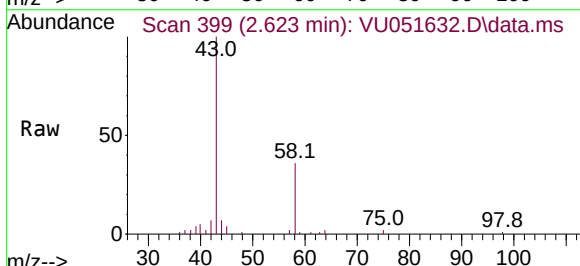
Acq: 01 Nov 2022 00:18

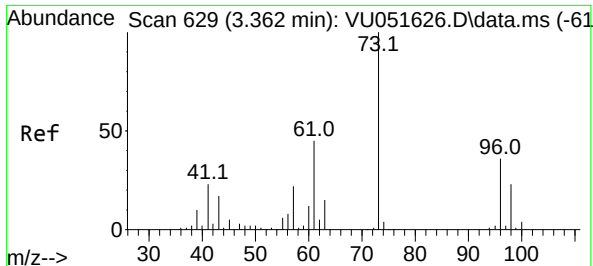
Tgt Ion: 43 Resp: 32442

Ion Ratio Lower Upper

43 100

58 36.9 0.0 73.8





#17

Methyl tert-butyl Ether

Concen: 0.161 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051632.D

Acq: 01 Nov 2022 00:18

Instrument :

MSVOA_U

ClientSampleId :

DBVV9

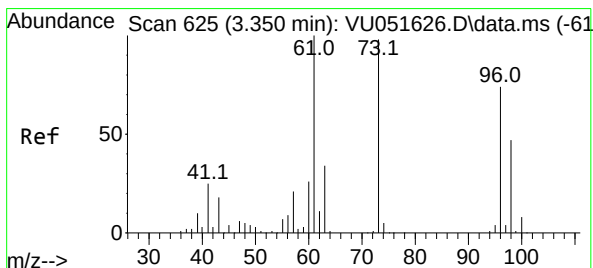
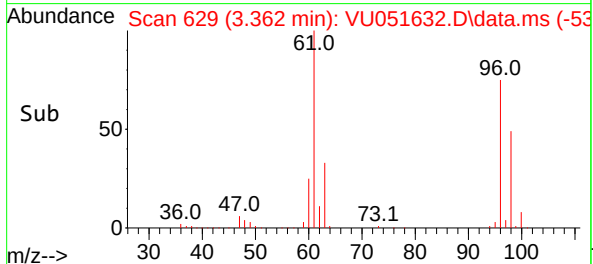
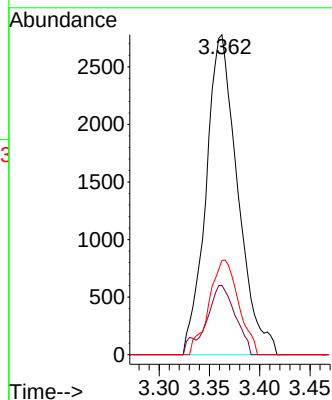
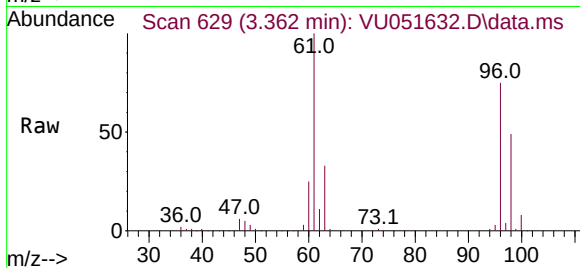
Tgt Ion: 73 Resp: 6091

Ion Ratio Lower Upper

73 100

43 20.0 13.6 20.4

57 27.6 17.5 26.3#



#18

trans-1,2-Dichloroethene

Concen: 23.528 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.000 min

Lab File: VU051632.D

Acq: 01 Nov 2022 00:18

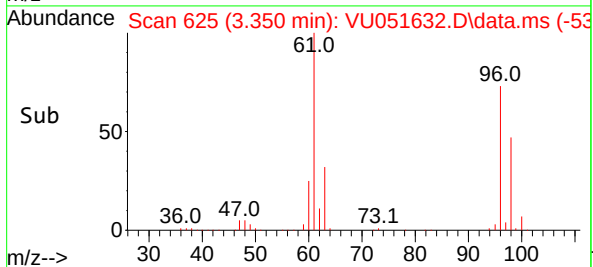
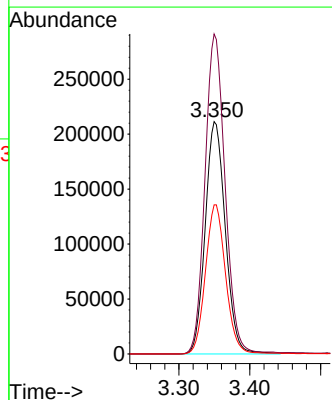
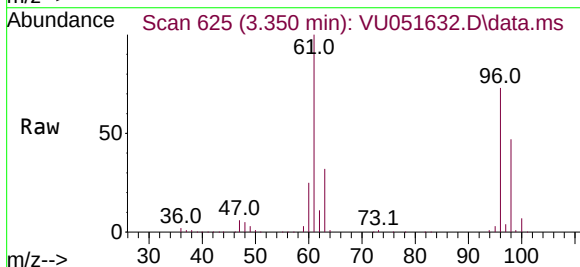
Tgt Ion: 96 Resp: 417579

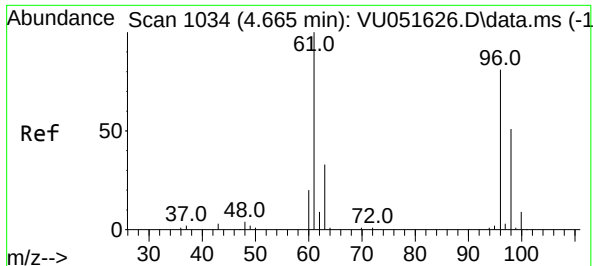
Ion Ratio Lower Upper

96 100

61 137.7 94.7 175.9

98 64.2 44.2 82.0



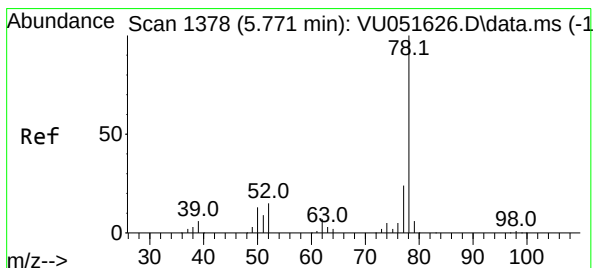
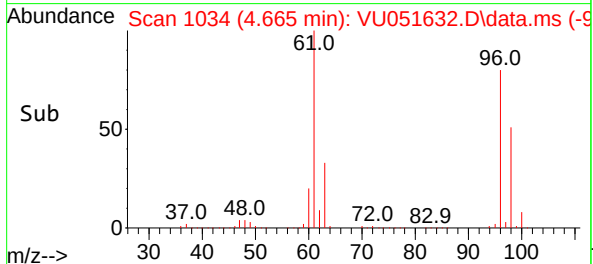
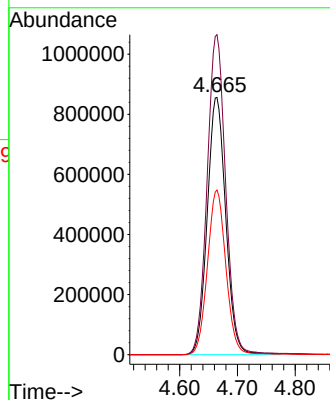
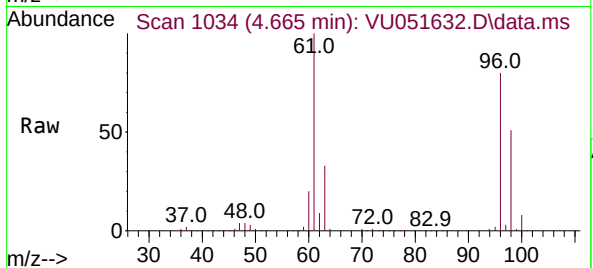


#22
 cis-1,2-Dichloroethene
 Concen: 97.250 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051632.D
 Acq: 01 Nov 2022 00:18

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVV9

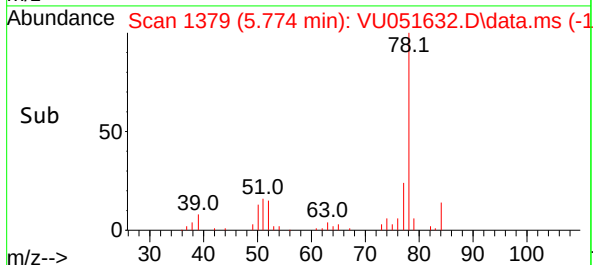
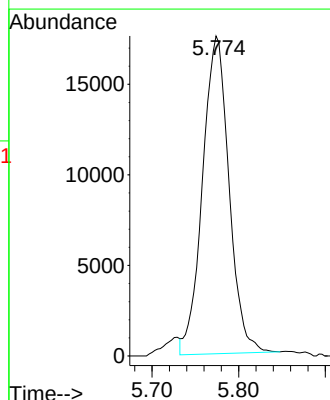
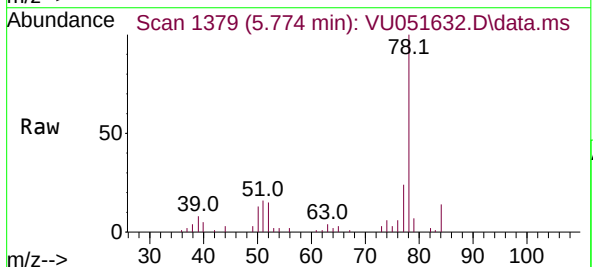
Tgt Ion: 96 Resp: 1909816

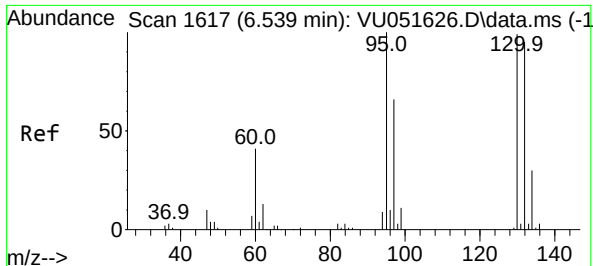
Ion	Ratio	Lower	Upper
96	100		
61	124.4	86.4	160.4
98	64.0	44.2	82.2



#33
 Benzene
 Concen: 0.474 ug/L
 RT: 5.774 min Scan# 1379
 Delta R.T. 0.003 min
 Lab File: VU051632.D
 Acq: 01 Nov 2022 00:18

Tgt Ion: 78 Resp: 37298

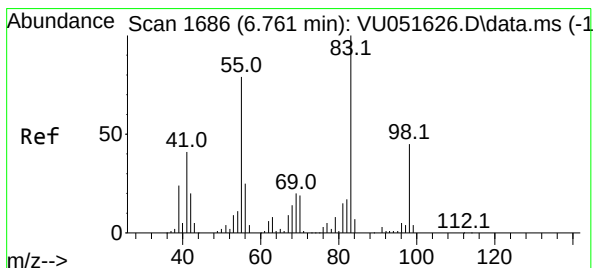
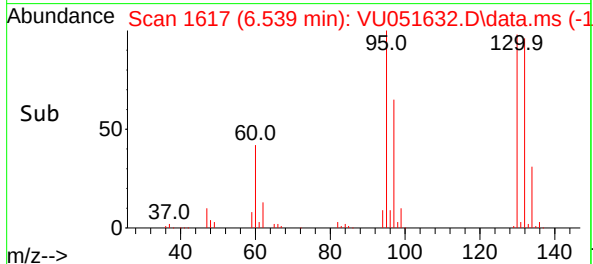
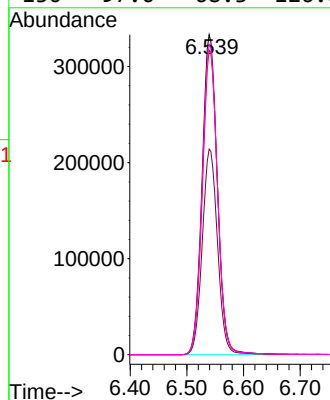
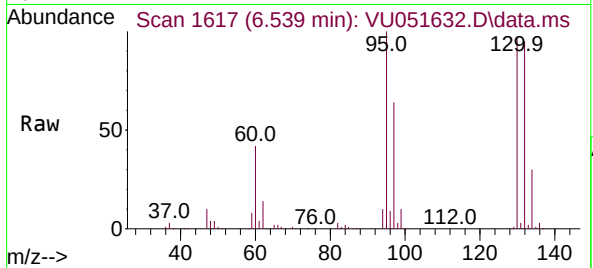




#34
Trichloroethene
Concen: 32.796 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051632.D
Acq: 01 Nov 2022 00:18

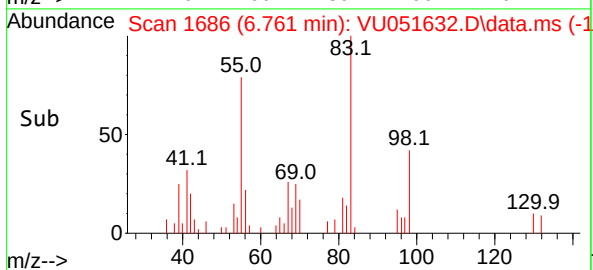
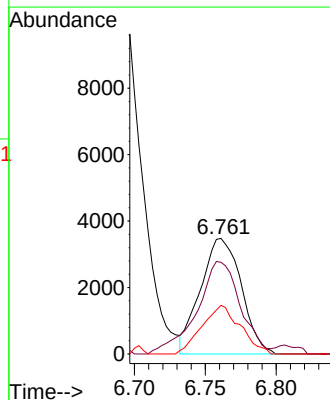
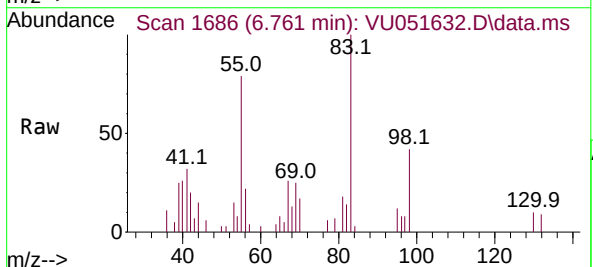
Instrument :
MSVOA_U
ClientSampleId :
DBVV9

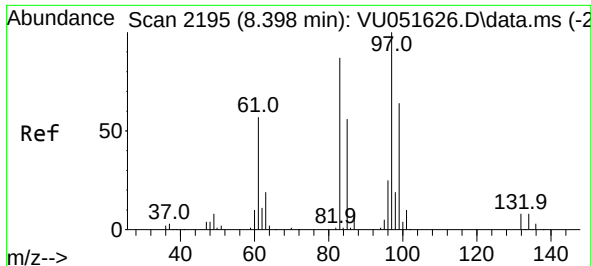
Tgt Ion: 95 Resp: 622821
Ion Ratio Lower Upper
95 100
97 64.2 45.2 84.0
132 95.2 66.5 123.5
130 97.0 68.3 126.8



#35
Methylcyclohexane
Concen: 0.266 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051632.D
Acq: 01 Nov 2022 00:18

Tgt Ion: 83 Resp: 6974
Ion Ratio Lower Upper
83 100
55 84.9 60.6 90.8
98 39.5 35.8 53.6

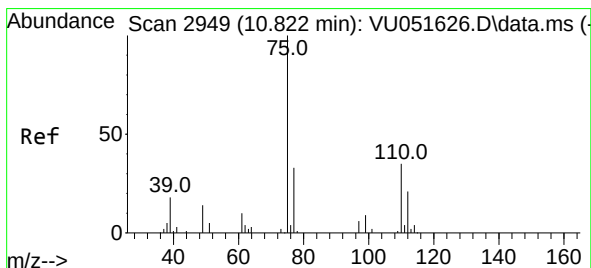
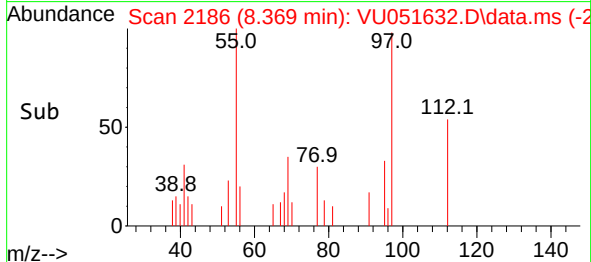
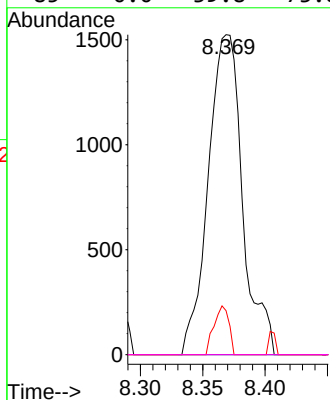
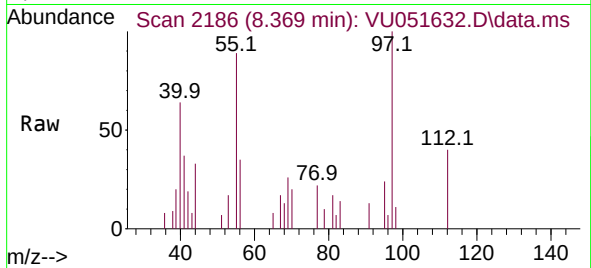




#45
 1,1,2-Trichloroethane
 Concen: 0.197 ug/L
 RT: 8.369 min Scan# 2195
 Delta R.T. -0.029 min
 Lab File: VU051632.D
 Acq: 01 Nov 2022 00:18

Instrument : MSVOA_U
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Tgt Ion: 97	Resp: 2915
Ion Ratio	Lower Upper
97 100	
99 0.0	43.4 80.6#
83 13.7	61.3 113.9#
85 0.0	39.8 73.8#



#61
 1,2,3-Trichloropropane
 Concen: 0.934 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.990 min
 Lab File: VU051632.D
 Acq: 01 Nov 2022 00:18

Tgt Ion: 75	Resp: 9922
Ion Ratio	Lower Upper
75 100	
110 1.5	28.7 43.1#
77 33.1	26.1 39.1

