

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016693.D
 Acq On : 09 Jun 2020 04:53
 Operator : SY/MD
 Sample : L2901-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR4

Quant Time: Jun 09 05:37:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	318020	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155735	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	165756	70.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	140.30%#
7) Chloroethane-d5	1.56	69	65371	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	152430	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.84%
21) 2-Butanone-d5	3.92	46	202974	116.06	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.06%
24) Chloroform-d	4.37	84	223318	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	5.05	65	160390	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.07	84	435065	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.09	67	137709	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.34	98	393850	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%
43) trans-1,3-Dichloropropene-	7.64	79	65583	44.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.14%
47) 2-Hexanone-d5	8.11	63	141629	113.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192557	50.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	172051	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds

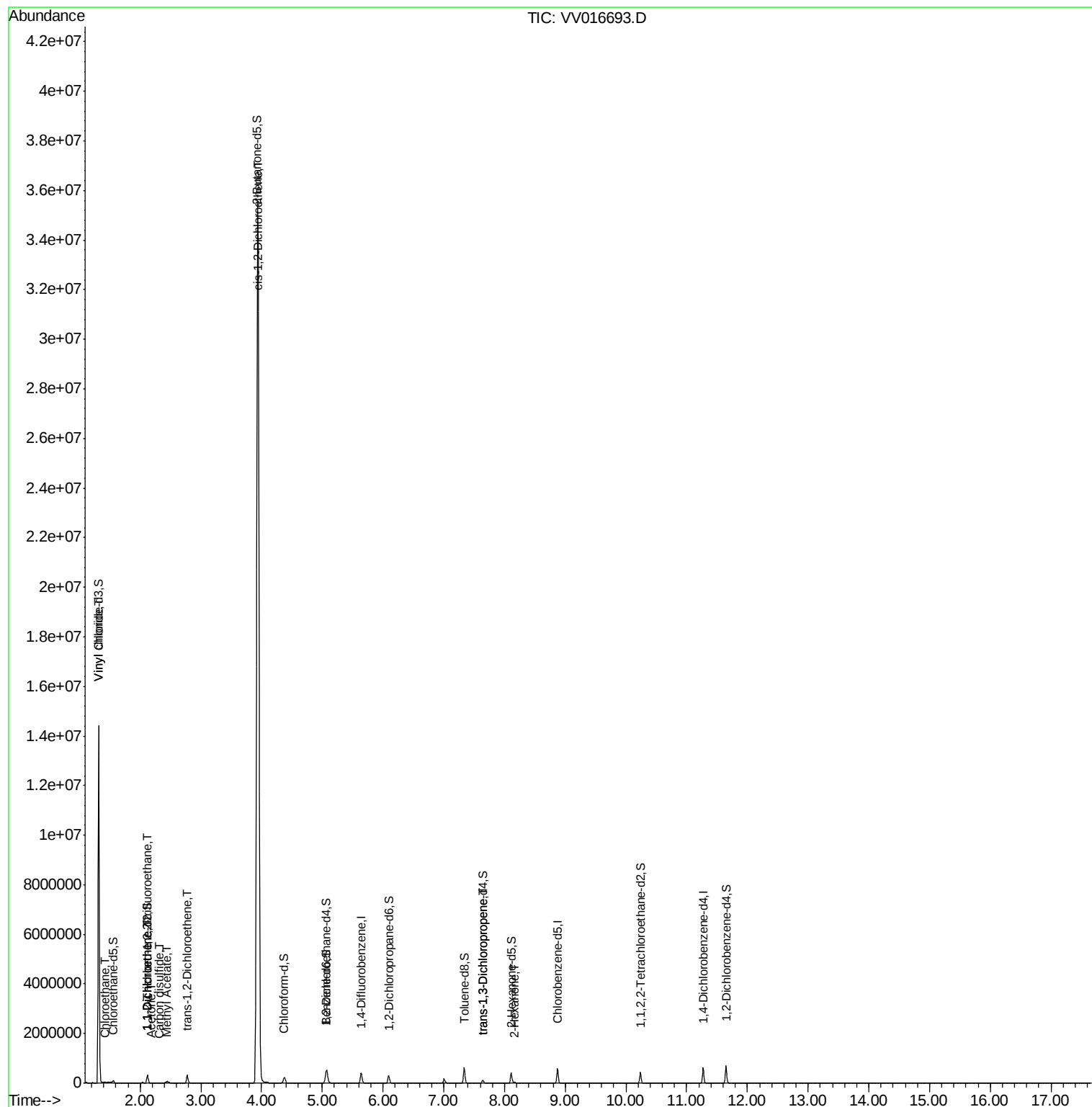
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	9112547	3816.552	ug/L	91
8) Chloroethane	1.42	64	16643	14.111	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1468	0.825	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	32296	19.431	ug/L #	29
13) Acetone	2.18	43	3918	3.400	ug/L	81
14) Carbon disulfide	2.31	76	7113	1.182	ug/L	97
15) Methyl Acetate	2.44	43	51462	20.037	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	115045	50.765	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	20209799	8180.103	ug/L	84
44) trans-1,3-Dichloropropene	7.64	75	3532	0.956	ug/L	96
48) 2-Hexanone	8.17	43	9487	3.529	ug/L #	81

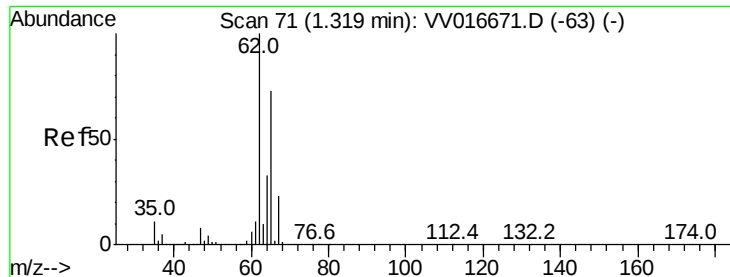
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:40:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3816.552 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV016693.D

Acq: 09 Jun 2020 04:53

Instrument :

MSVOA_V

ClientSampleId :

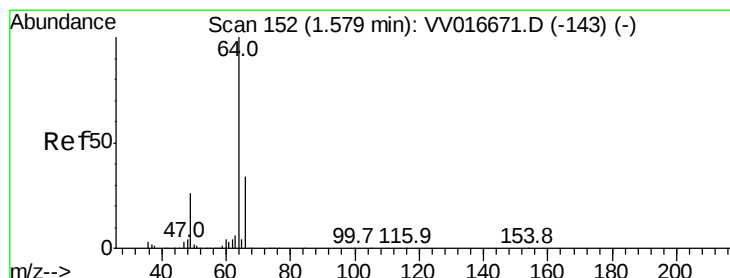
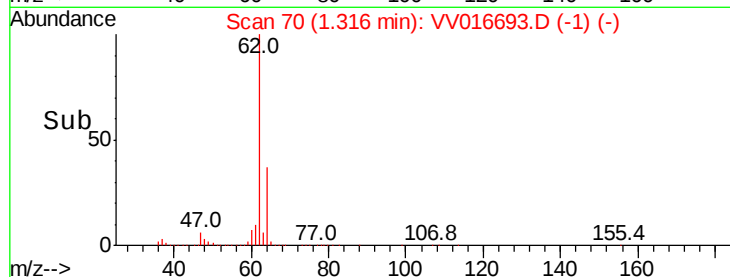
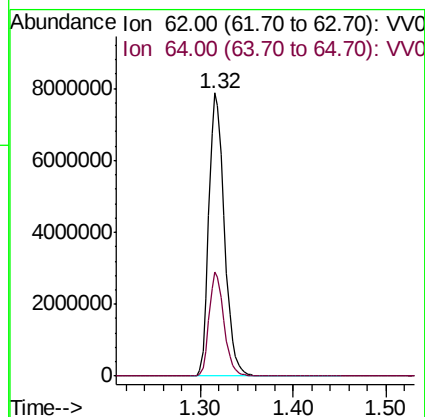
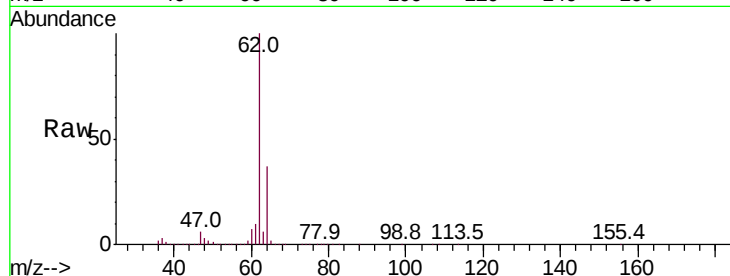
ETTR4

Tot Ion: 62 Resp: 9112547

Ion Ratio Lower Upper

62 100

64 36.7 22.3 41.5



#8

Chloroethane

Concen: 14.111 ug/L

RT: 1.42 min Scan# 104

Delta R.T. -0.15 min

Lab File: VV016693.D

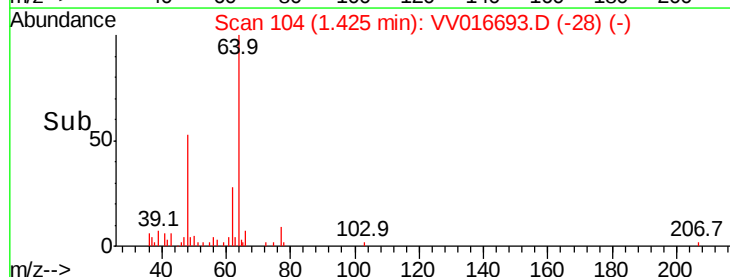
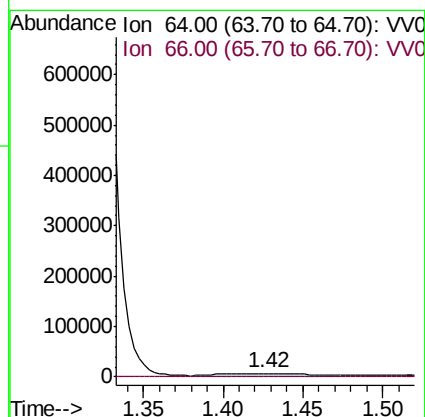
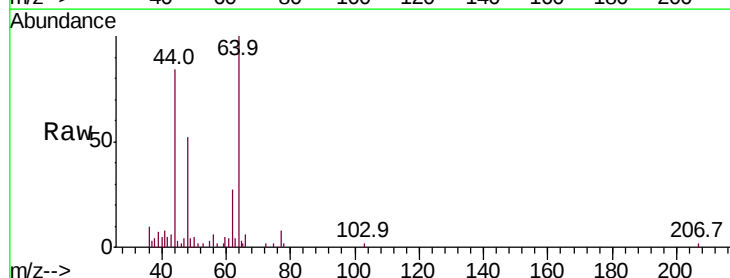
Acq: 09 Jun 2020 04:53

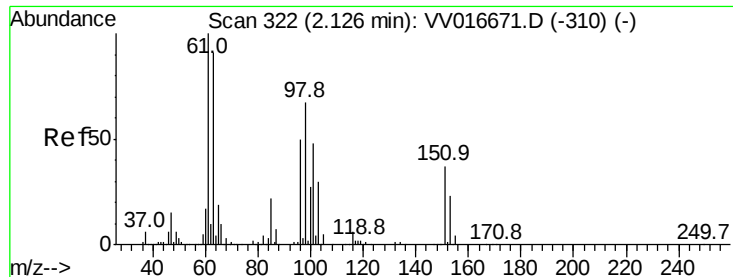
Tgt Ion: 64 Resp: 16643

Ion Ratio Lower Upper

64 100

66 6.5 23.2 43.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.825 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016693.D

Acq: 09 Jun 2020 04:53

Instrument :

MSVOA_V

ClientSampled :

ETTR4

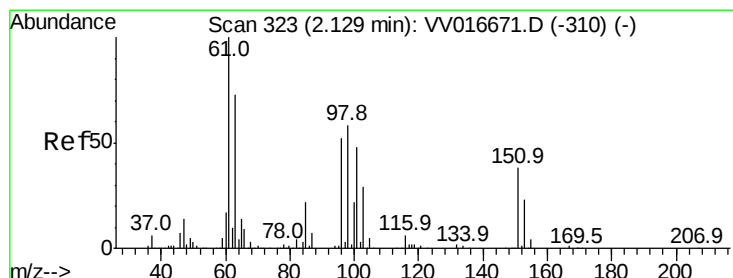
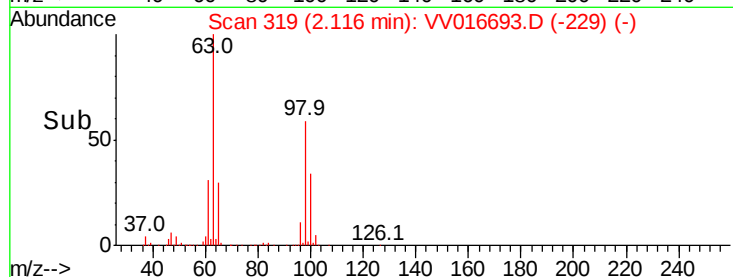
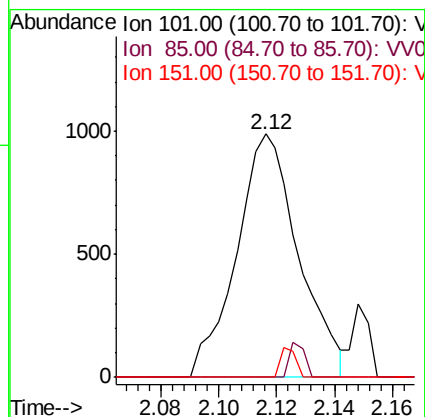
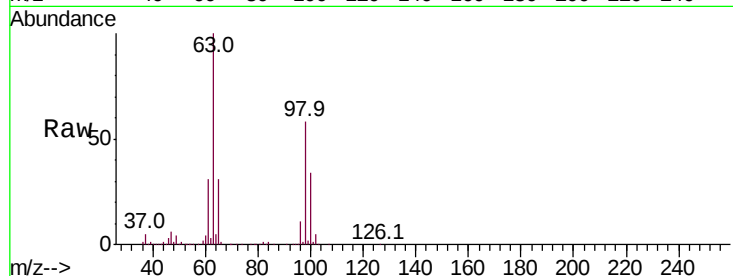
Tot Ion:101 Resp: 1468

Ion Ratio Lower Upper

101 100

85 3.4 35.5 53.3#

151 3.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 19.431 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016693.D

Acq: 09 Jun 2020 04:53

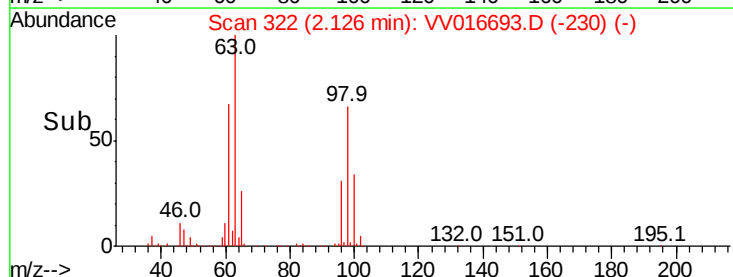
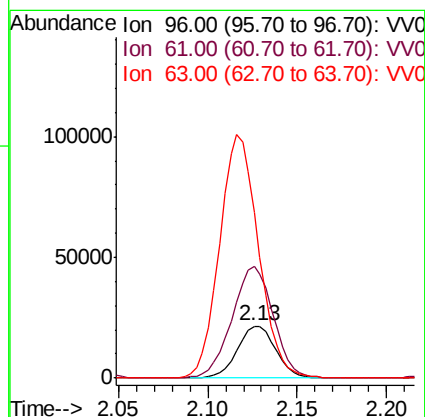
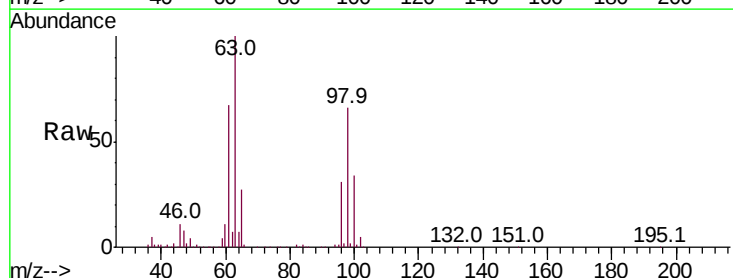
Tgt Ion: 96 Resp: 32296

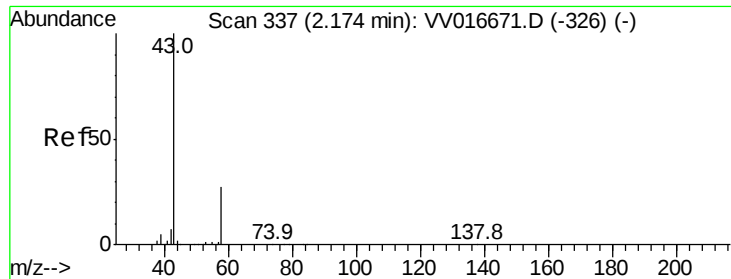
Ion Ratio Lower Upper

96 100

61 214.7 130.4 242.2

63 318.6 103.3 191.9#





#13

Acetone

Concen: 3.400 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV016693.D

Acq: 09 Jun 2020 04:53

Instrument :

MSVOA_V

ClientSampled :

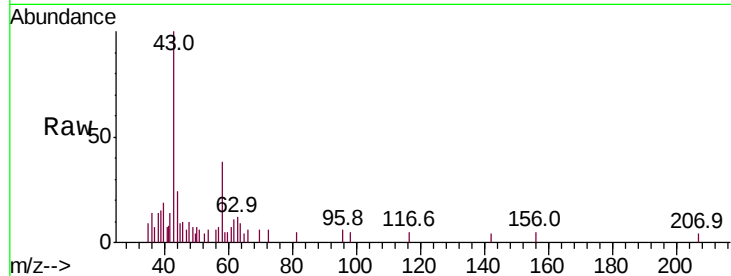
ETTR4

Tot Ion: 43 Resp: 3918

Ion Ratio Lower Upper

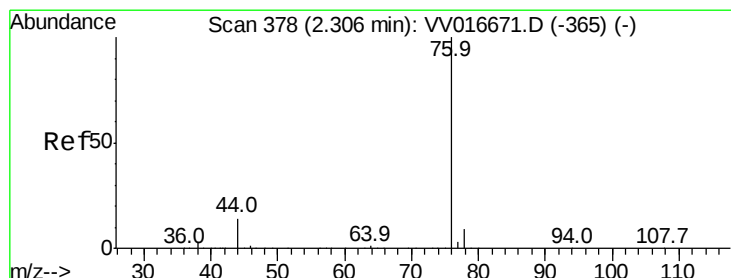
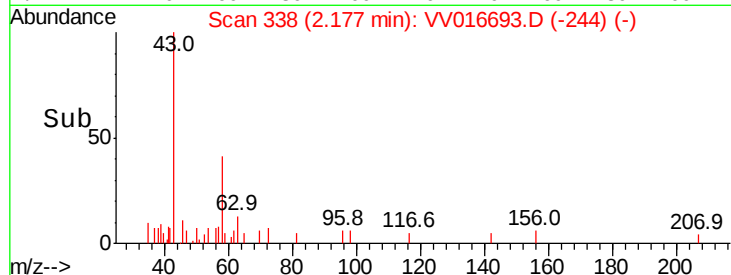
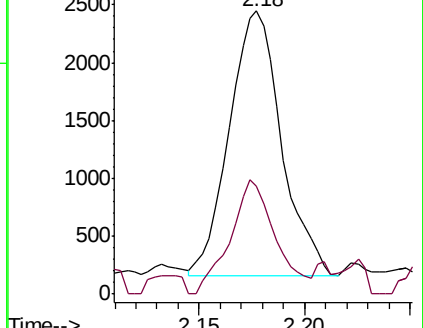
43 100

58 37.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016671.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016671.D (-326) (-)



#14

Carbon disulfide

Concen: 1.182 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV016693.D

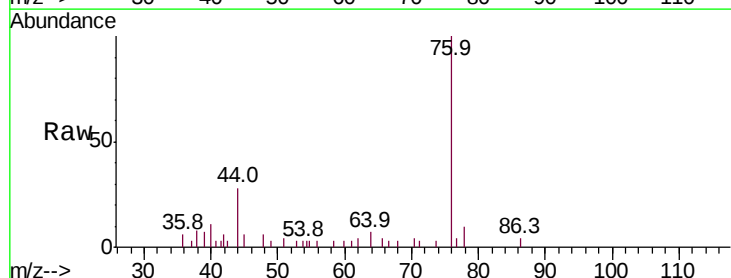
Acq: 09 Jun 2020 04:53

Tgt Ion: 76 Resp: 7113

Ion Ratio Lower Upper

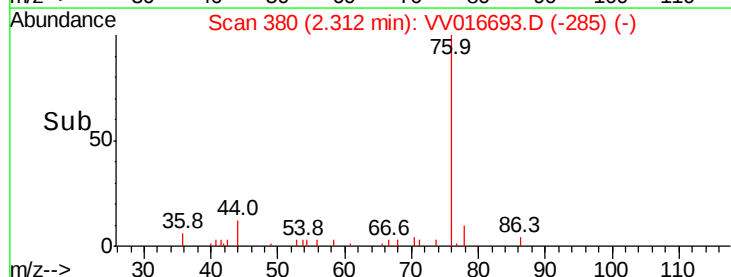
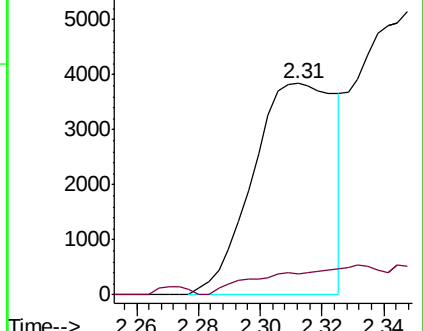
76 100

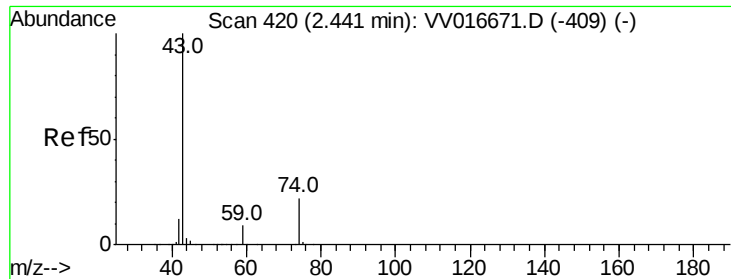
78 10.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV016671.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV016671.D (-365) (-)

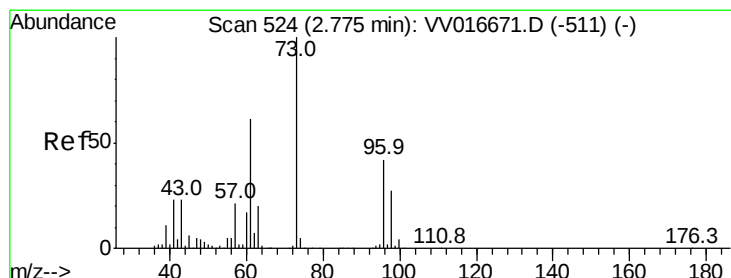
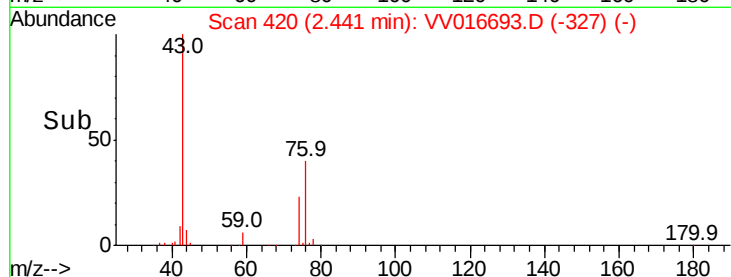
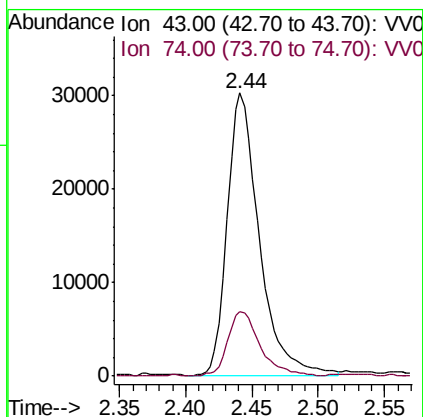
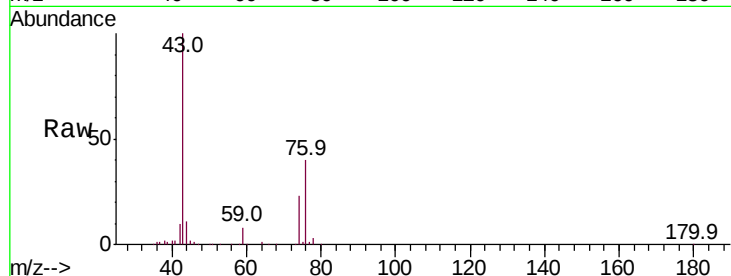




#15
Methvl Acetate
Concen: 20.037 ug/L
RT: 2.44 min Scan# 420
Delta R.T. 0.00 min
Lab File: VV016693.D
Acq: 09 Jun 2020 04:53

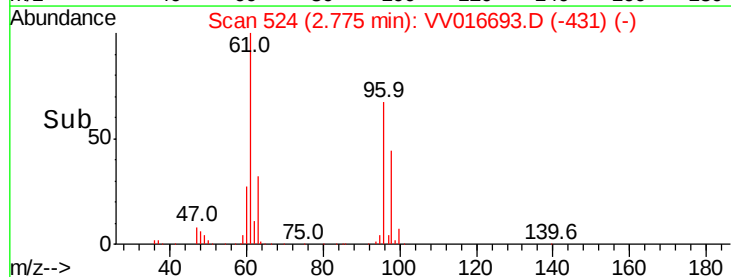
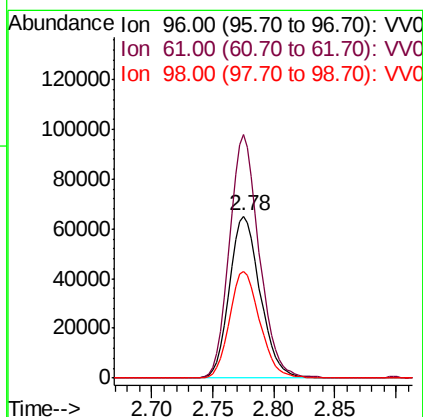
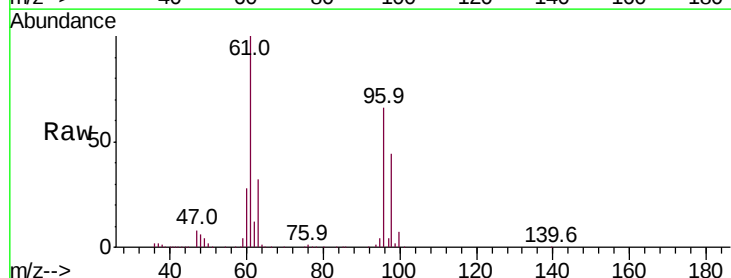
Instrument :
MSVOA_V
ClientSampleId :
ETTR4

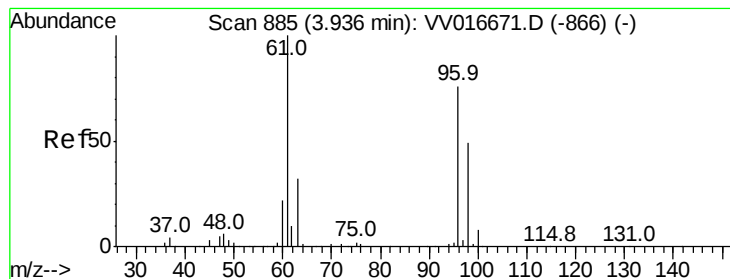
Tot Ion: 43 Resp: 51462
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9



#17
trans-1,2-Dichloroethene
Concen: 50.765 ug/L
RT: 2.78 min Scan# 524
Delta R.T. 0.00 min
Lab File: VV016693.D
Acq: 09 Jun 2020 04:53

Tgt Ion: 96 Resp: 115045
Ion Ratio Lower Upper
96 100
61 150.6 102.9 191.1
98 66.2 45.5 84.5





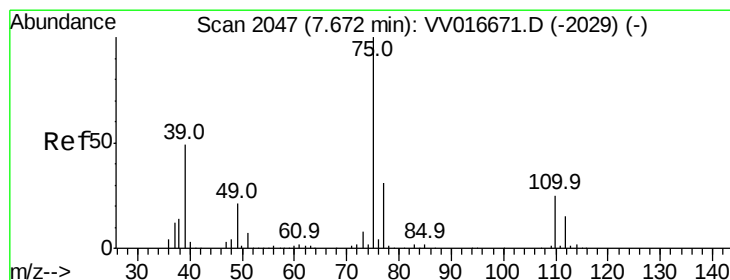
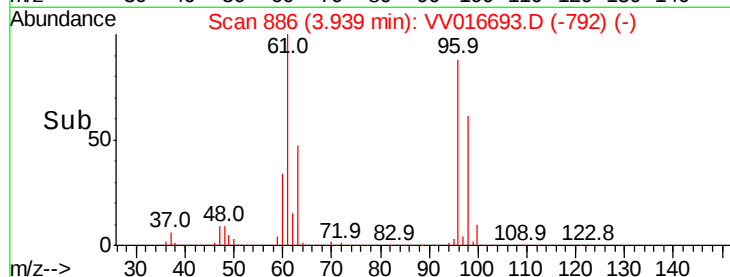
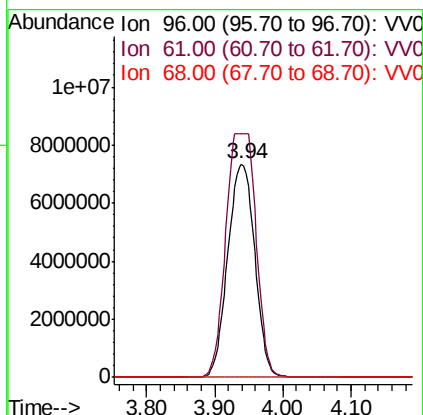
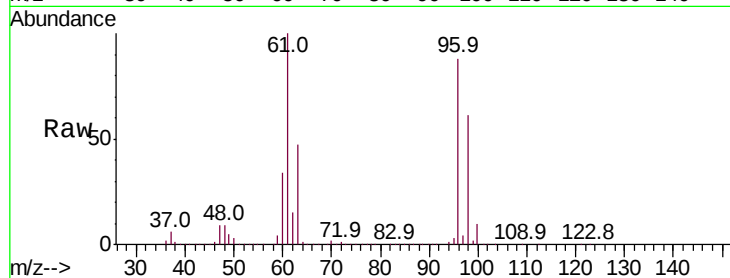
#20

cis-1,2-Dichloroethene
Concen: 8180.103 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016693.D
Acq: 09 Jun 2020 04:53

Instrument :
MSVOA_V
ClientSampleId :
ETTR4

Tot Ion: 96 Resp: 20209799

Ion	Ratio	Lower	Upper
96	100		
61	114.2	93.4	173.4
68	0.0	0.0	0.0

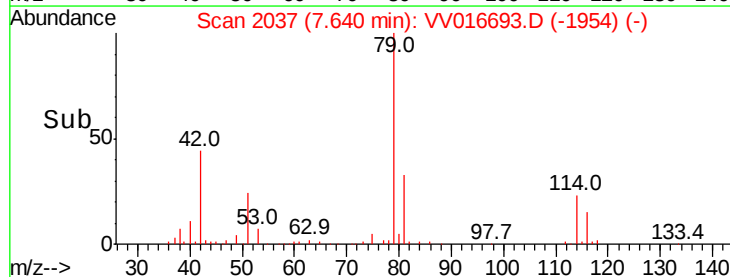
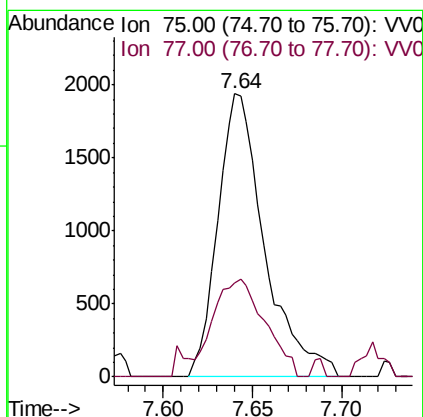
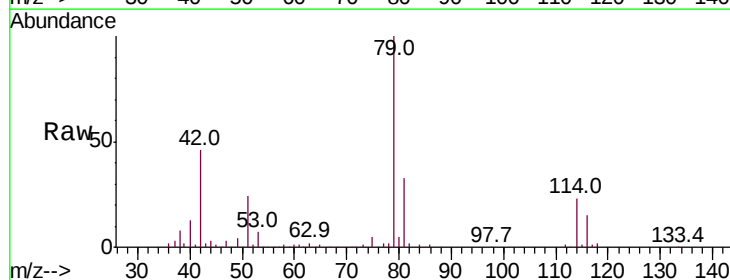


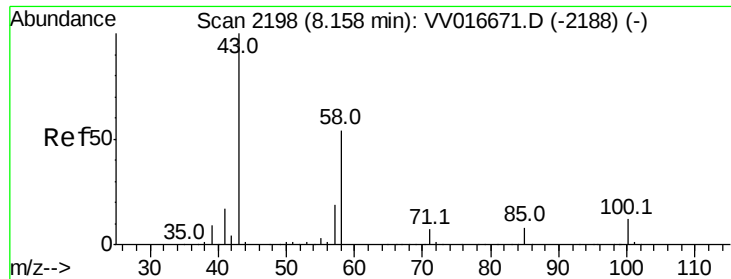
#44

trans-1,3-Dichloropropene
Concen: 0.956 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016693.D
Acq: 09 Jun 2020 04:53

Tgt Ion: 75 Resp: 3532

Ion	Ratio	Lower	Upper
75	100		
77	33.3	21.7	40.3





#48
 2-Hexanone
 Concen: 3.529 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016693.D
 Acq: 09 Jun 2020 04:53

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR4

Tot Ion:	43	Resp:	9487
Ion	Ratio	Lower	Upper
43	100		
58	43.7	43.1	64.7
57	4.0	15.3	22.9#
100	6.1	10.0	15.0#

