

Data File : VV010551.D
Acq On : 29 Apr 2019 17:14
Operator : SY/MD
Sample : K2586-16DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X58DL

Quant Time: Apr 30 06:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	243204	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	241099	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55676	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.58	69	27709	4.38	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.12	63	82657	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.95	46	139997	45.88	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.76%
24) Chloroform-d	4.40	84	164225	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.08	65	79382	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.10	84	316212	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.12	67	86929	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	293819	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.66	79	32255	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.14	63	125516	45.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	61676	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	115188	5.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.40%

Target Compounds

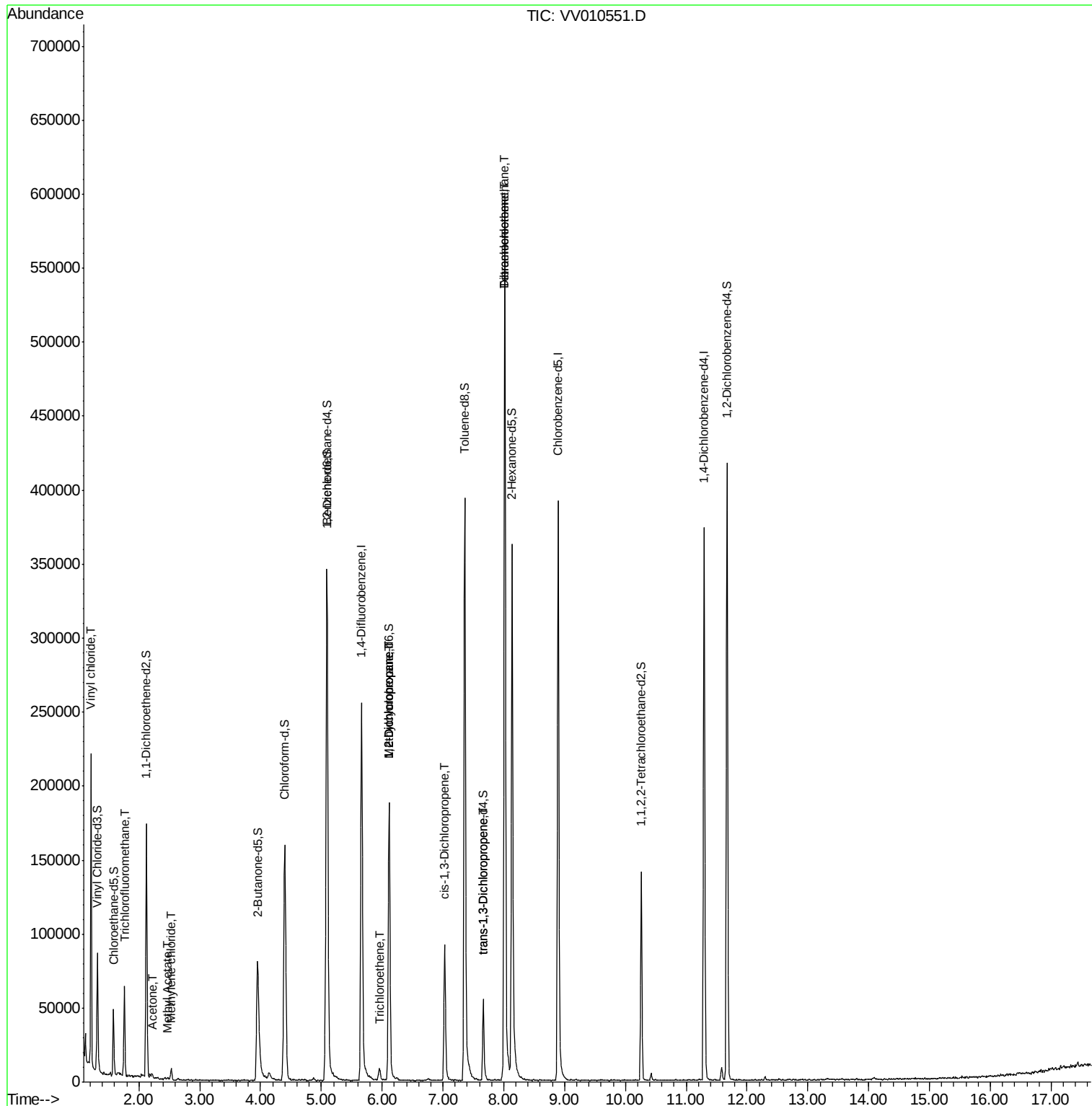
					Qvalue
5) Vinyl chloride	1.21	62	1554	0.115 ug/L #	63
9) Trichlorofluoromethane	1.76	101	32996	1.243 ug/L	99
13) Acetone	2.21	43	3713	2.443 ug/L	84
15) Methyl Acetate	2.47	43	773	0.153 ug/L #	44
16) Methylene chloride	2.53	84	2947	0.166 ug/L	77
34) Trichloroethene	5.96	95	2052	0.113 ug/L	82
35) Methylcyclohexane	6.12	83	22706	0.964 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	10049	0.699 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2719	0.131 ug/L #	59
44) trans-1,3-Dichloropropene	7.67	75	1662	0.102 ug/L #	80
47) Tetrachloroethene	8.02	164	148989	8.784 ug/L	98
49) Dibromochloromethane	8.02	129	123698	8.252 ug/L #	12

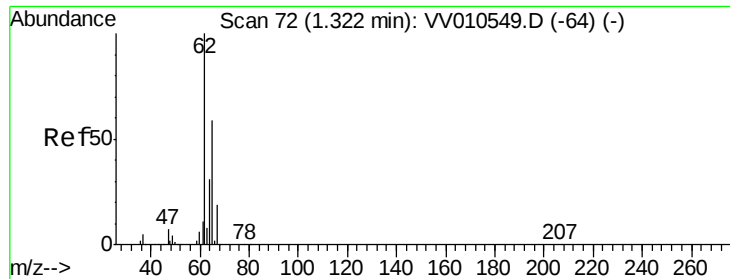
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.115 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.11 min

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Acq: 29 Apr 2019 17:14

Instrument :

MSVOA_V

ClientSampleId :

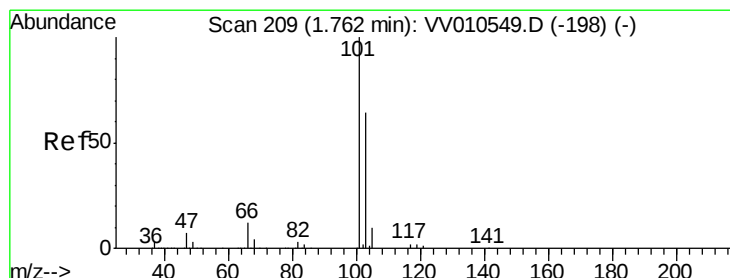
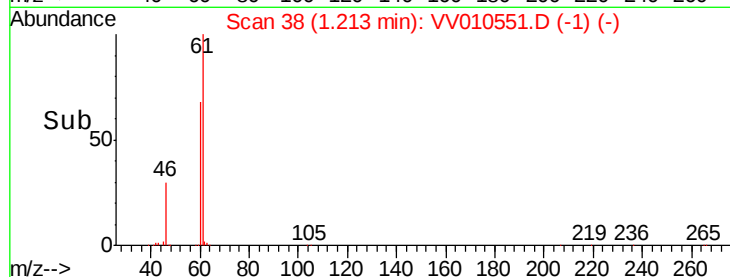
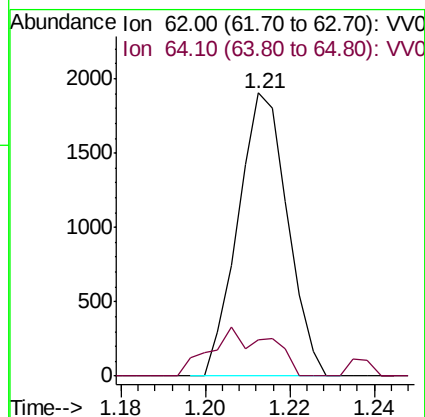
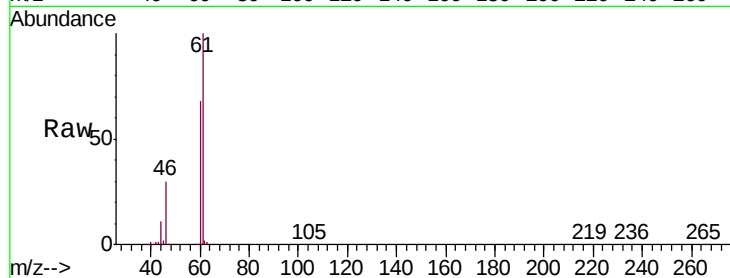
C0X58DL

Tgt Ion: 62 Resp: 1554

Ion Ratio Lower Upper

62 100

64 12.7 23.9 44.5#



#9

Trichlorofluoromethane

Concen: 1.243 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010551.D

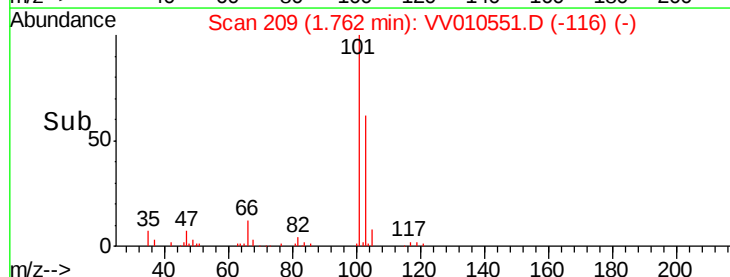
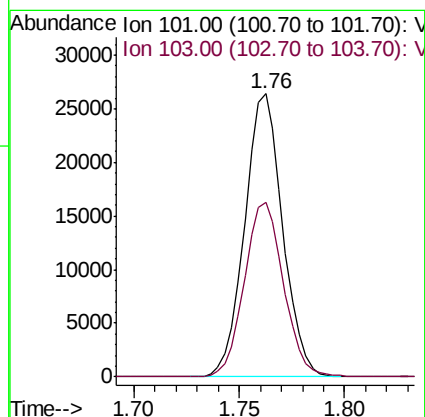
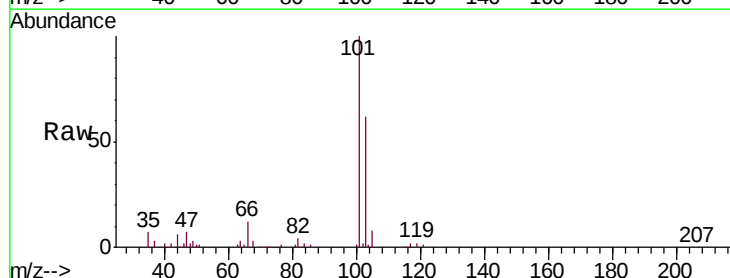
Acq: 29 Apr 2019 17:14

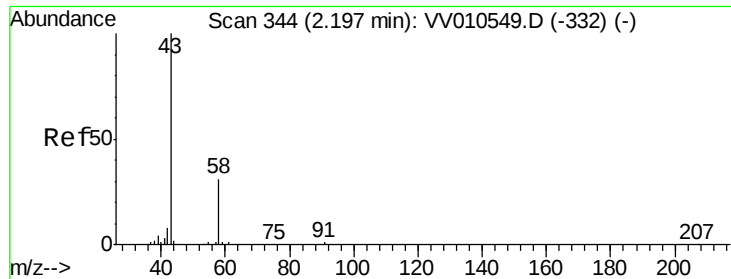
Tgt Ion: 101 Resp: 32996

Ion Ratio Lower Upper

101 100

103 63.7 50.5 75.7





#13

Acetone

Concen: 2.443 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.02 min

Lab File: VV010551.D

Acq: 29 Apr 2019 17:14

Instrument :

MSVOA_V

ClientSampleId :

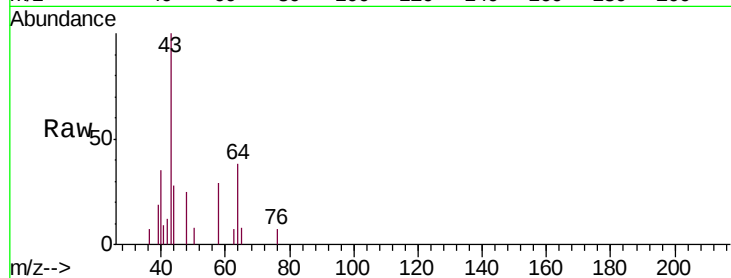
C0X58DL

Tgt Ion: 43 Resp: 3713

Ion Ratio Lower Upper

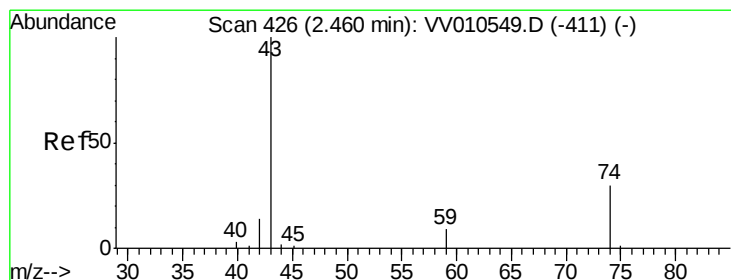
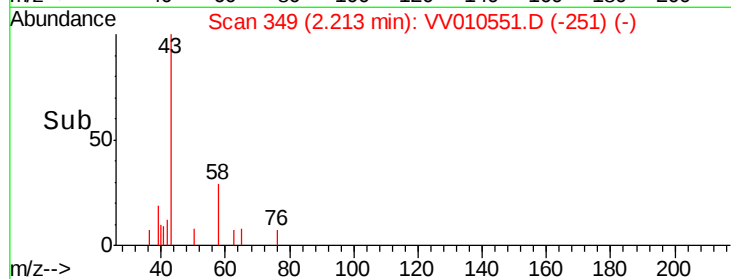
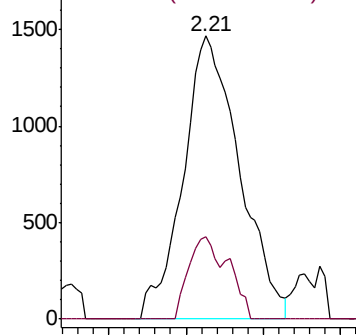
43 100

58 20.3 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.153 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VV010551.D

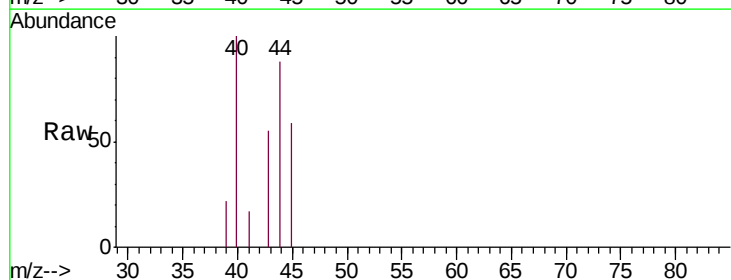
Acq: 29 Apr 2019 17:14

Tgt Ion: 43 Resp: 773

Ion Ratio Lower Upper

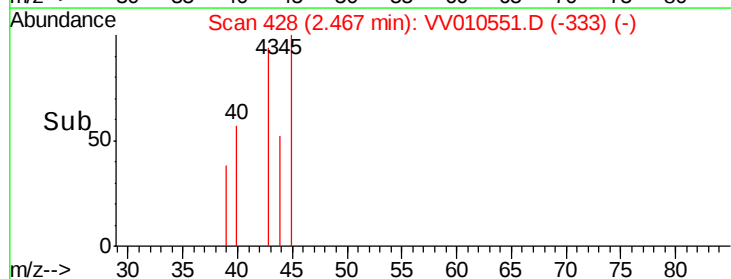
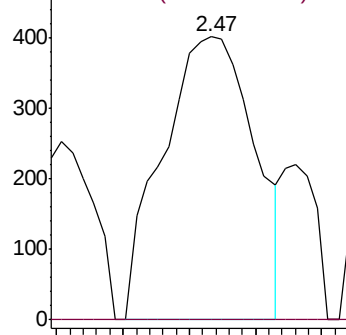
43 100

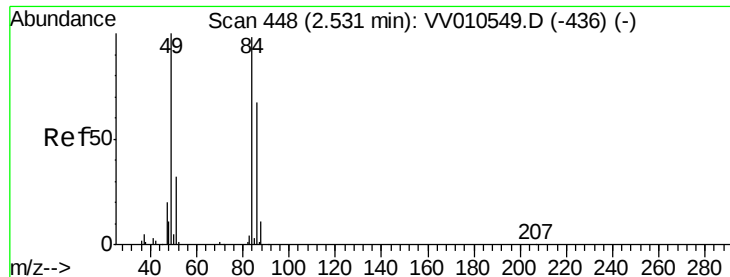
74 0.0 24.2 36.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

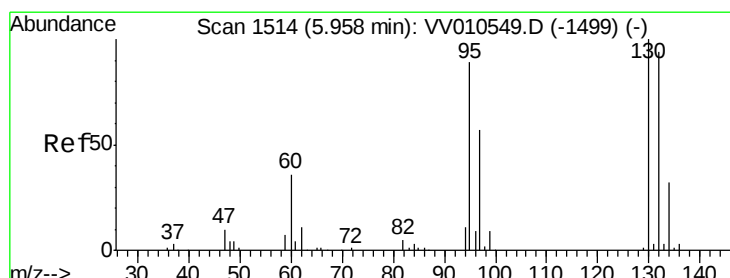
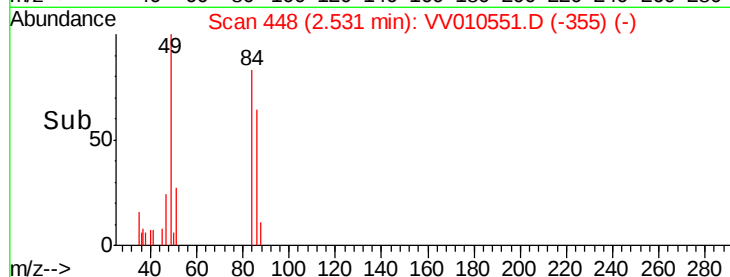
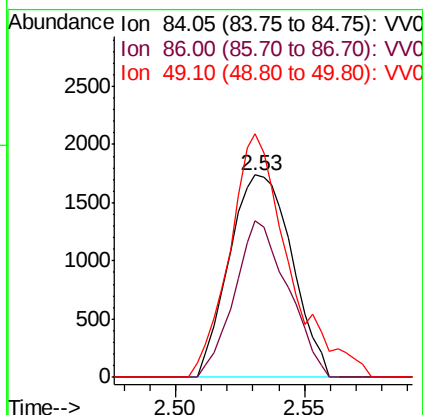
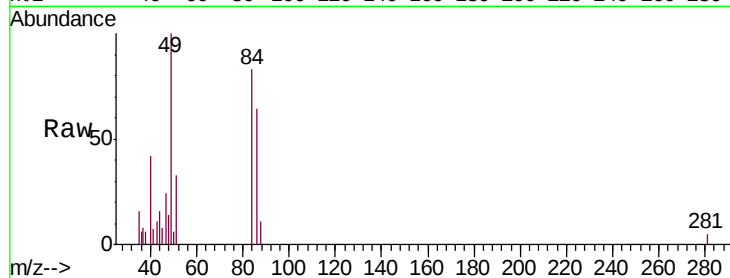




#16
Methylene chloride
Concen: 0.166 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010551.D
Acq: 29 Apr 2019 17:14

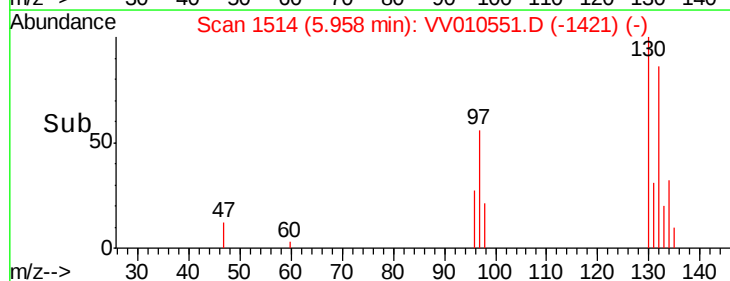
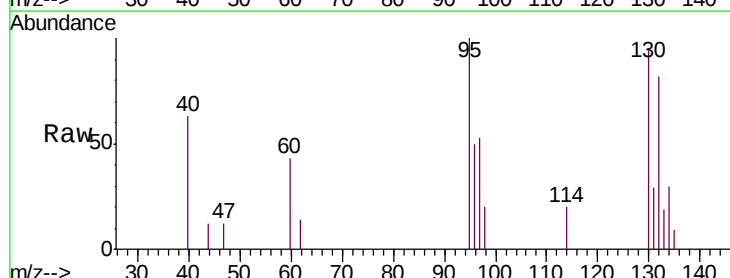
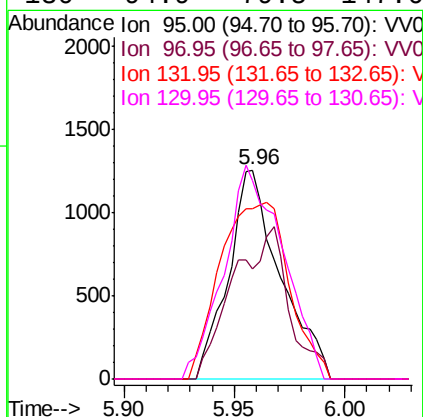
Instrument :
MSVOA_V
ClientSampled :
C0X58DL

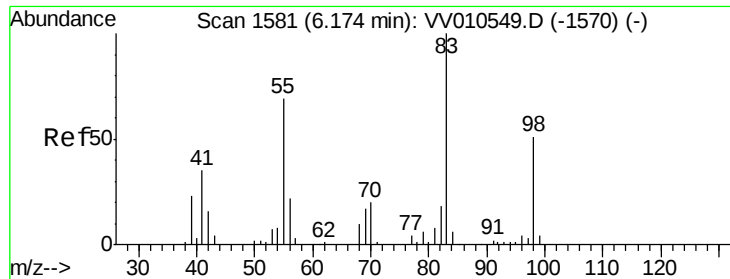
Tgt Ion: 84 Resp: 2947
Ion Ratio Lower Upper
84 100
86 77.5 43.7 81.1
49 127.5 71.4 132.6



#34
Trichloroethene
Concen: 0.113 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV010551.D
Acq: 29 Apr 2019 17:14

Tgt Ion: 95 Resp: 2052
Ion Ratio Lower Upper
95 100
97 52.9 43.3 80.5
132 81.5 74.1 137.5
130 94.9 79.5 147.6

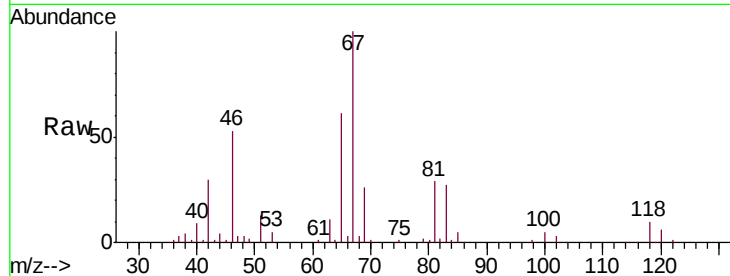




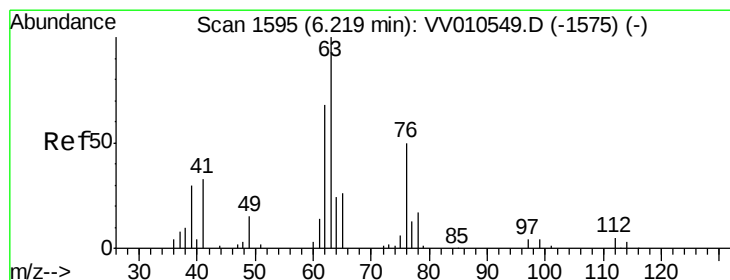
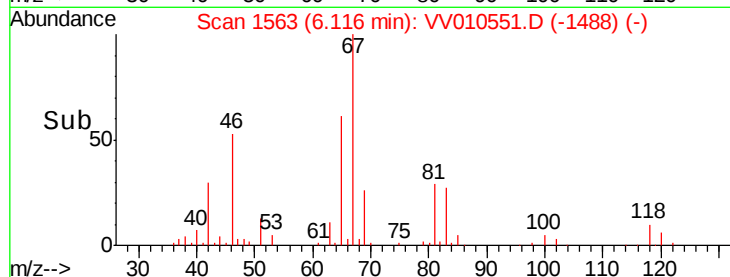
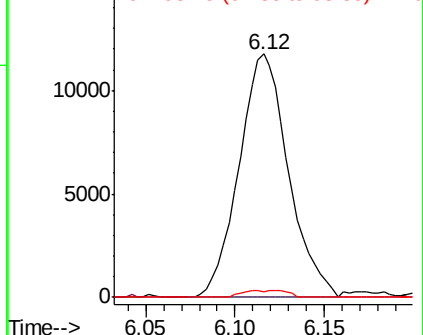
#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010551.D
Acq: 29 Apr 2019 17:14

Instrument :
MSVOA_V
ClientSampleId :
C0X58DL

Tgt Ion: 83 Resp: 22706
Ion Ratio Lower Upper
83 100
55 0.0 58.0 87.0#
98 1.3 40.4 60.6#

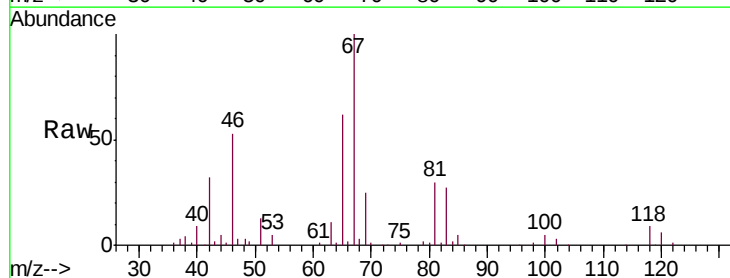


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

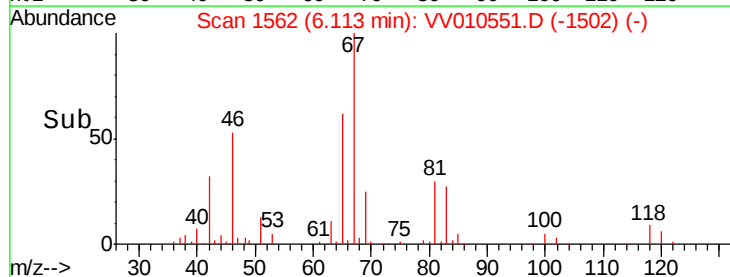
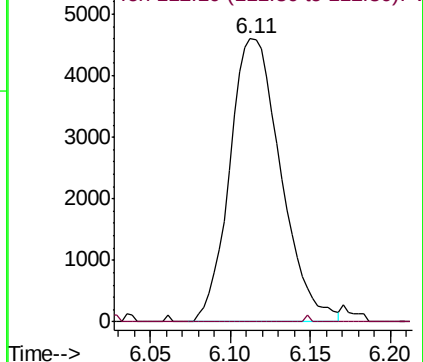


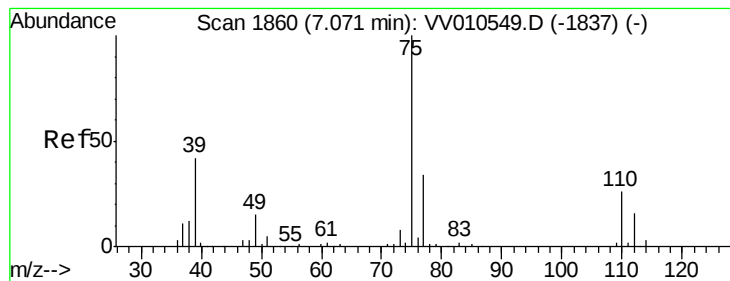
#37
1,2-Dichloropropane
Concen: 0.699 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010551.D
Acq: 29 Apr 2019 17:14

Tgt Ion: 63 Resp: 10049
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



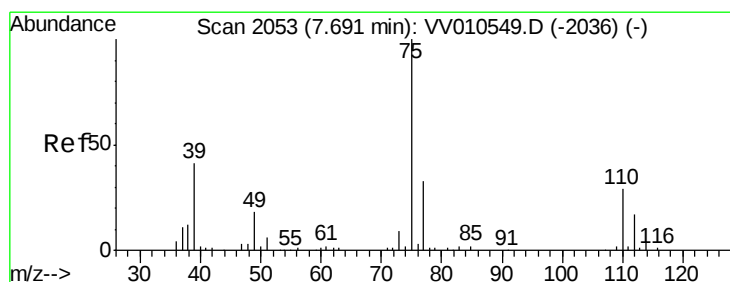
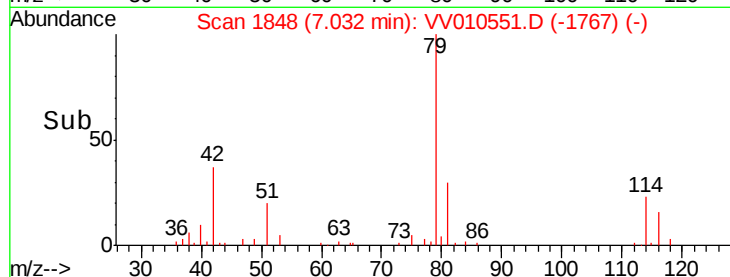
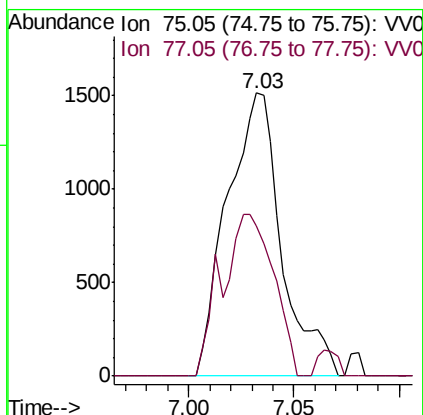
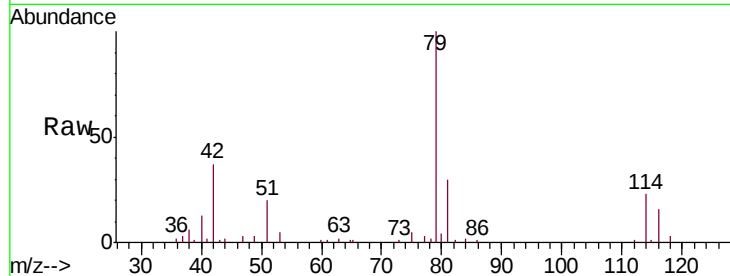


#39

cis-1,3-Dichloropropene
 Concen: 0.131 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010551.D
 Acq: 29 Apr 2019 17:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X58DL

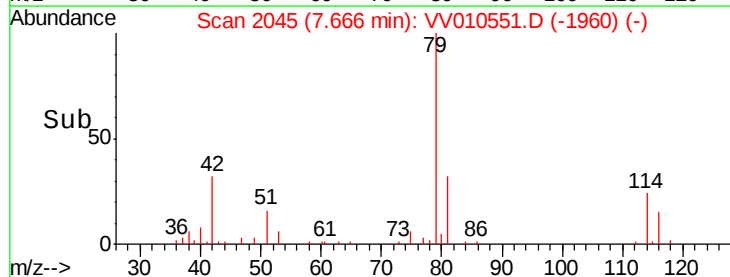
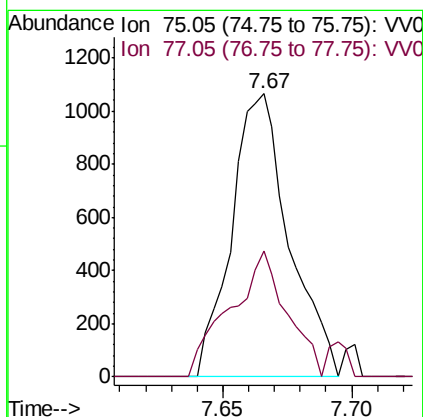
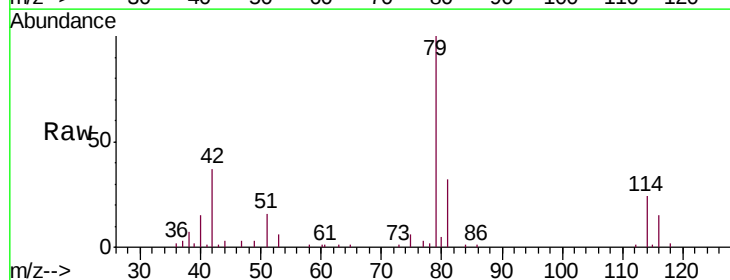
Tgt Ion: 75 Resp: 2719
 Ion Ratio Lower Upper
 75 100
 77 53.1 21.6 40.0#

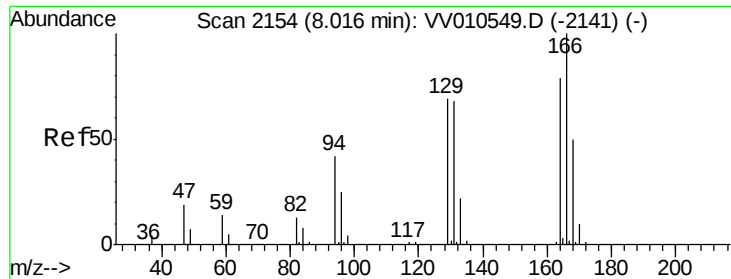


#44

trans-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV010551.D
 Acq: 29 Apr 2019 17:14

Tgt Ion: 75 Resp: 1662
 Ion Ratio Lower Upper
 75 100
 77 44.3 23.0 42.6#

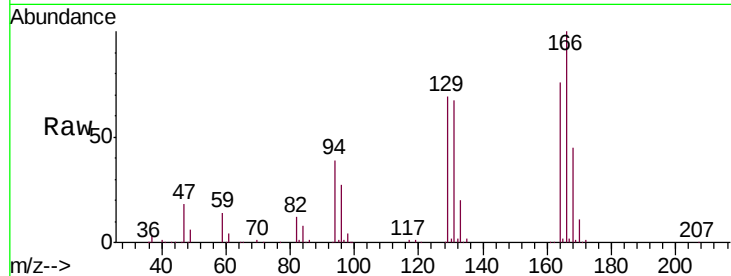




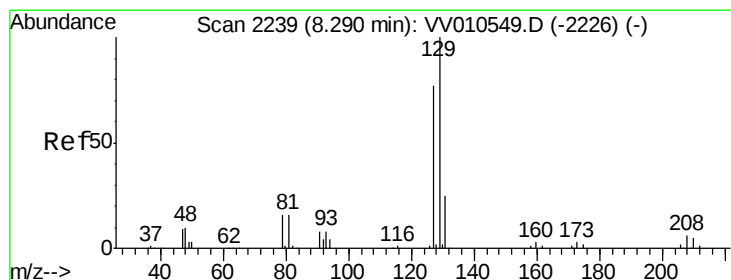
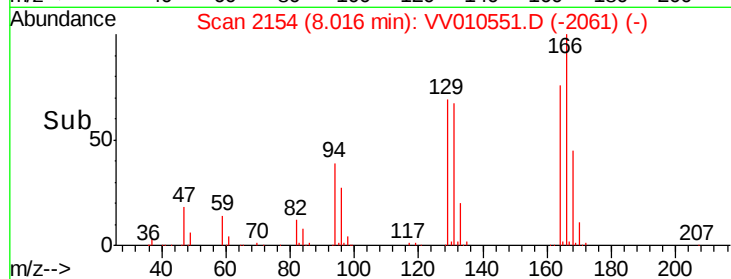
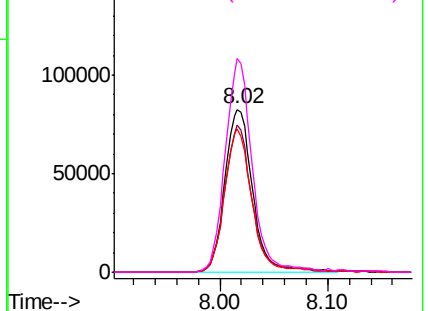
#47
Tetrachloroethene
Concen: 8.784 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010551.D
Acq: 29 Apr 2019 17:14

Instrument :
MSVOA_V
ClientSampleId :
C0X58DL

Tgt Ion:164 Resp: 148989
Ion Ratio Lower Upper
164 100
129 90.1 62.2 115.4
131 88.0 61.5 114.1
166 131.1 89.1 165.5

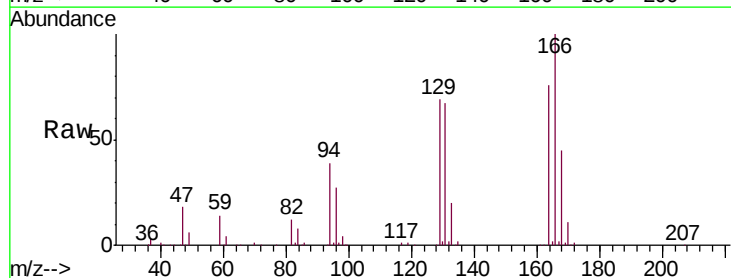


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 8.252 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV010551.D
Acq: 29 Apr 2019 17:14

Tgt Ion:129 Resp: 123698
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

