

Data File : VV010553.D
Acq On : 29 Apr 2019 18:05
Operator : SY/MD
Sample : K2586-15DL 100X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X57DL

Quant Time: Apr 30 06:49:31 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	5.67	114	221648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97876	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49414	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	25516	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.13	63	73246	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	3.95	46	126535	45.51	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.02%
24) Chloroform-d	4.40	84	138174	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	69031	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	273238	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	78465	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	256549	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.67	79	27366	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	109933	44.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57430	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	101545	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

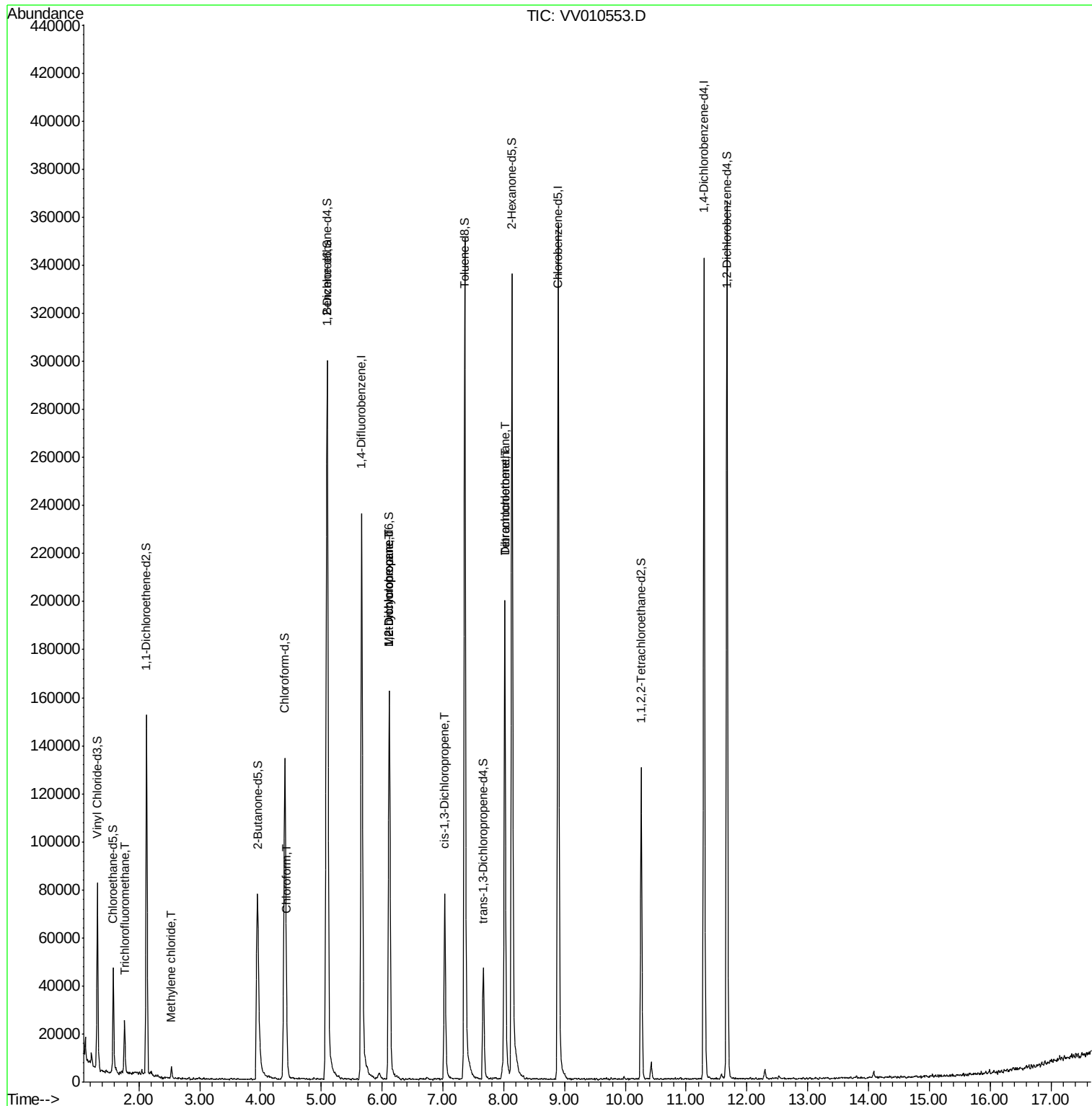
					Qvalue
9) Trichlorofluoromethane	1.77	101	12080	0.499 ug/L	97
16) Methylene chloride	2.53	84	1985	0.123 ug/L	88
25) Chloroform	4.43	83	4580	0.160 ug/L	85
35) Methylcyclohexane	6.12	83	19868	0.938 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8922	0.690 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2254	0.121 ug/L #	79
47) Tetrachloroethene	8.02	164	50981	3.345 ug/L	96
49) Dibromochloromethane	8.02	129	40733	3.024 ug/L #	12

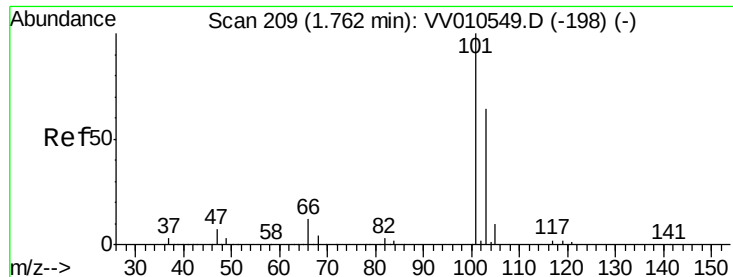
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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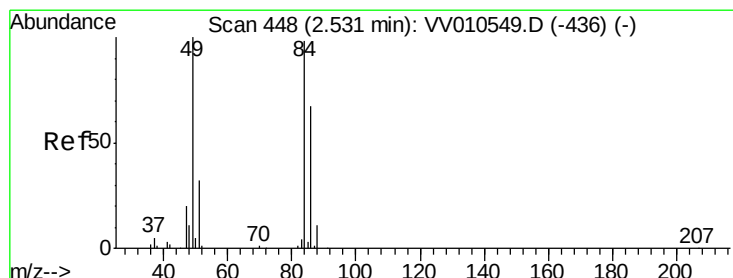
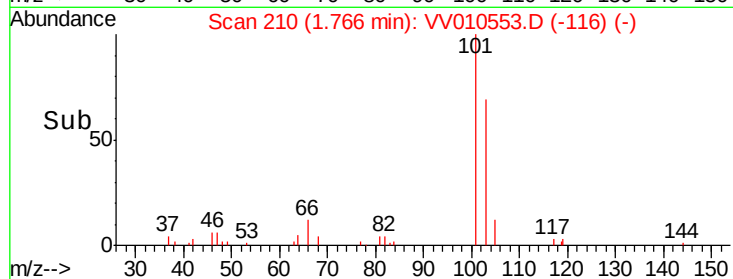
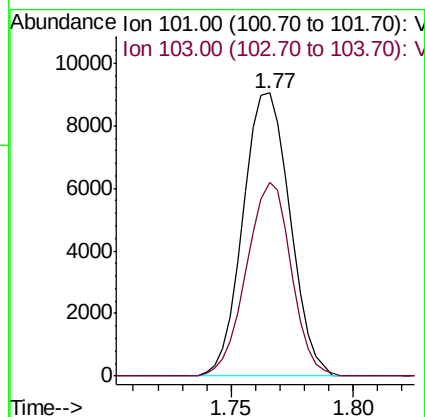
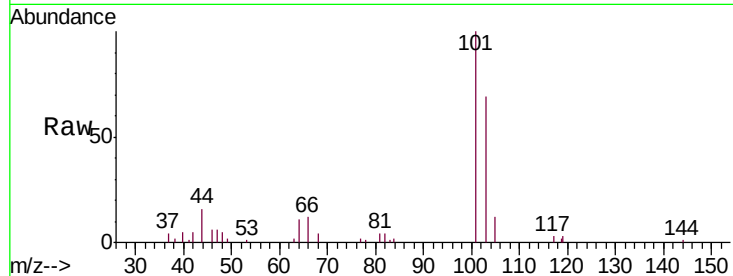


#9

Trichlorofluoromethane
 Concen: 0.499 ug/L
 RT: 1.77 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VV010553.D
 Acq: 29 Apr 2019 18:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X57DL

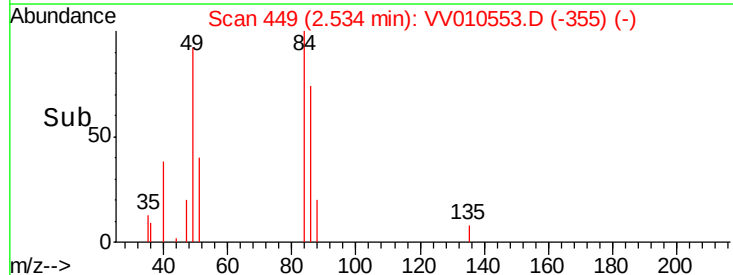
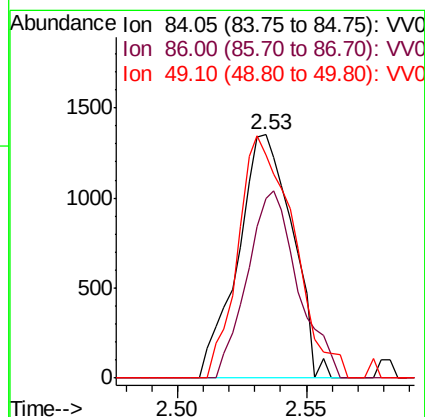
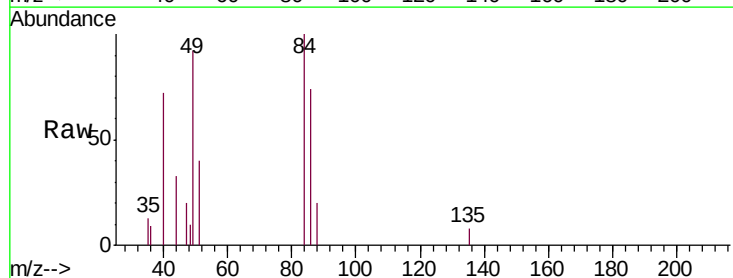
Tgt Ion:101 Resp: 12080
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.5 75.7

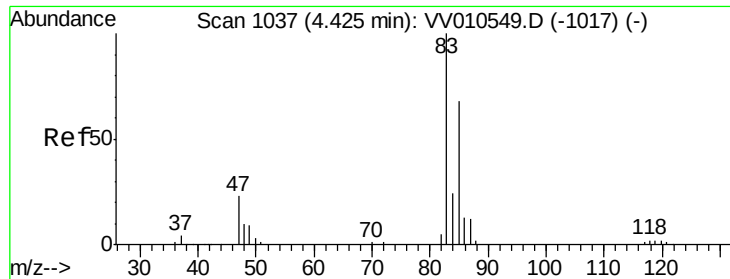


#16

Methylene chloride
 Concen: 0.123 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: VV010553.D
 Acq: 29 Apr 2019 18:05

Tgt Ion: 84 Resp: 1985
 Ion Ratio Lower Upper
 84 100
 86 73.7 43.7 81.1
 49 91.9 71.4 132.6

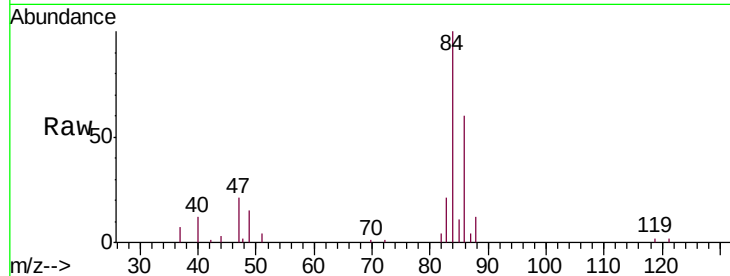




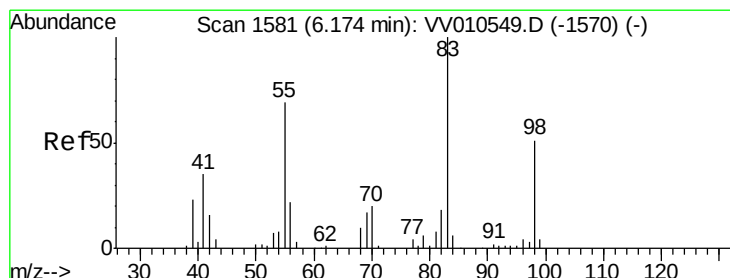
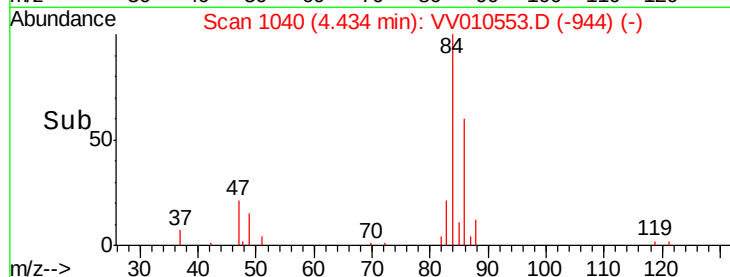
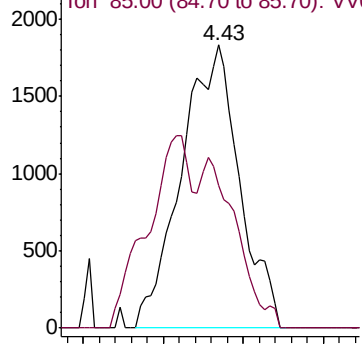
#25
Chloroform
Concen: 0.160 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV010553.D
Acq: 29 Apr 2019 18:05

Instrument :
MSVOA_V
ClientSampleId :
C0X57DL

Tgt Ion: 83 Resp: 4580
Ion Ratio Lower Upper
83 100
85 50.4 43.6 81.0

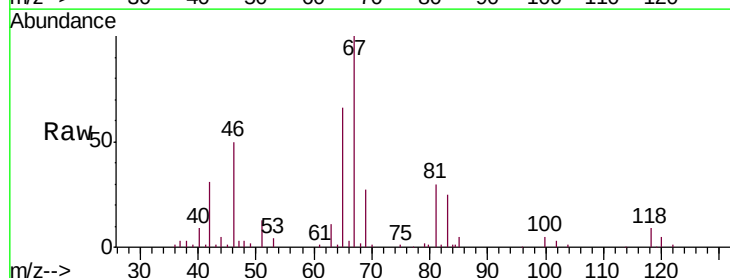


Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

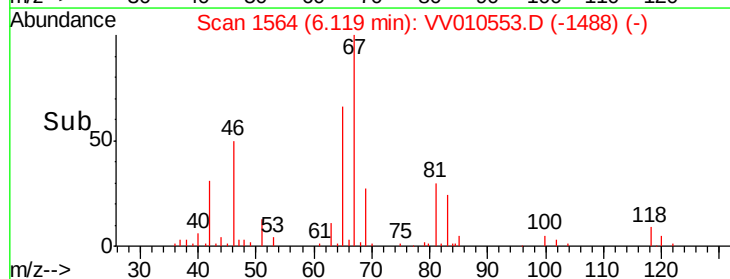
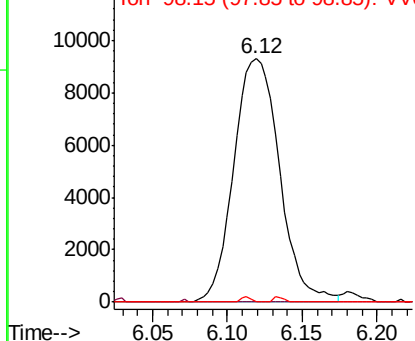


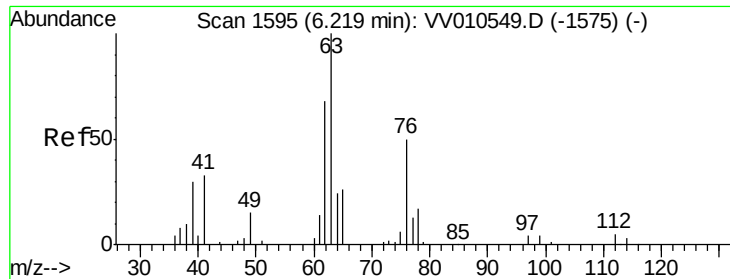
#35
Methylcyclohexane
Concen: 0.938 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010553.D
Acq: 29 Apr 2019 18:05

Tgt Ion: 83 Resp: 19868
Ion Ratio Lower Upper
83 100
55 0.1 58.0 87.0#
98 0.5 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

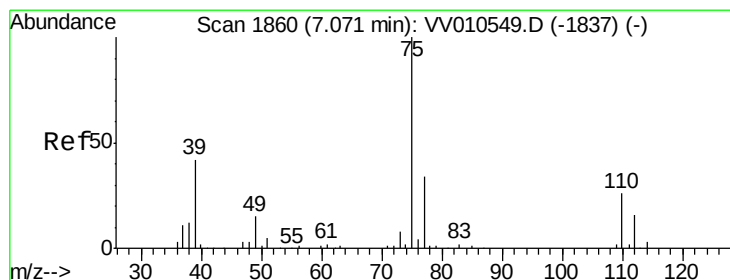
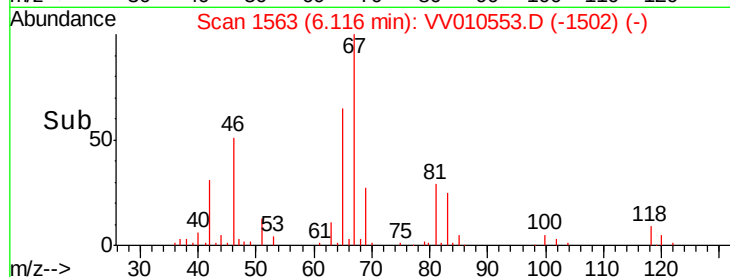
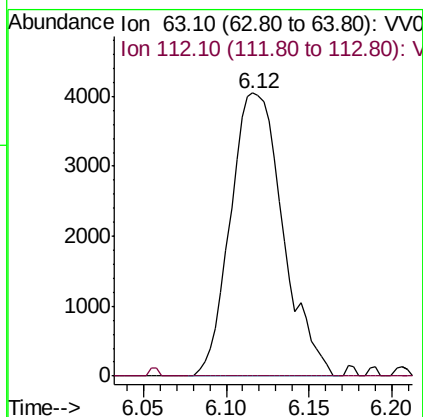
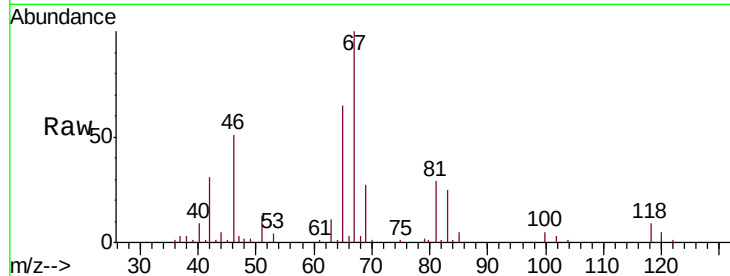




#37
 1,2-Dichloropropane
 Concen: 0.690 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV010553.D
 Acq: 29 Apr 2019 18:05

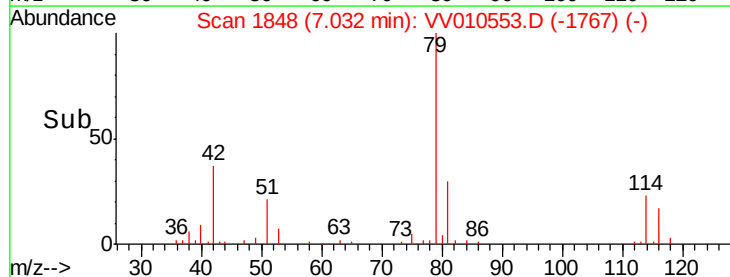
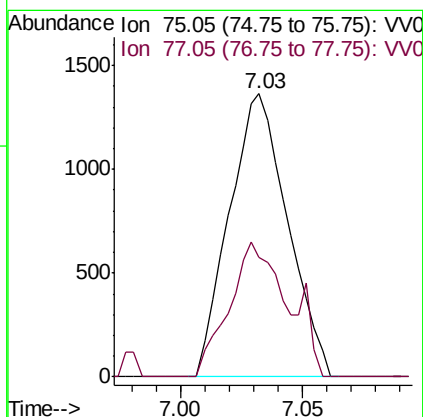
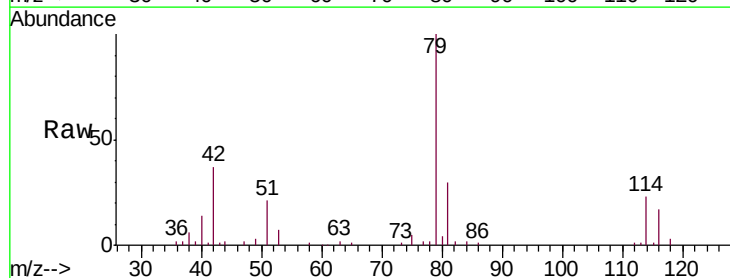
Instrument :
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 C0X57DL

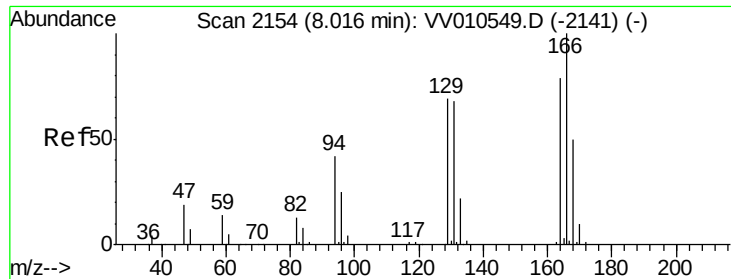
Tgt Ion: 63 Resp: 8922
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010553.D
 Acq: 29 Apr 2019 18:05

Tgt Ion: 75 Resp: 2254
 Ion Ratio Lower Upper
 75 100
 77 42.0 21.6 40.0#

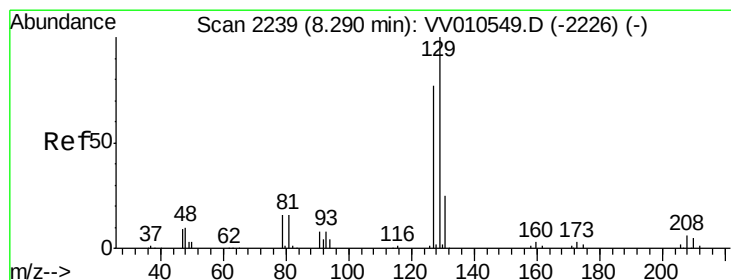
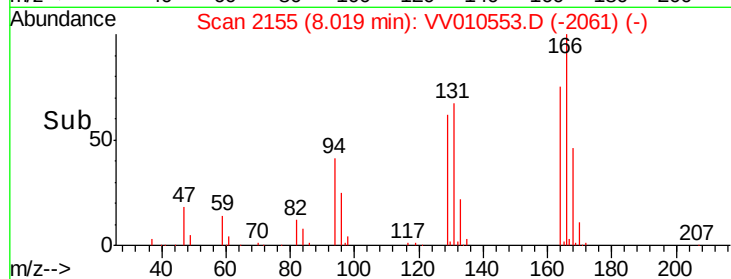
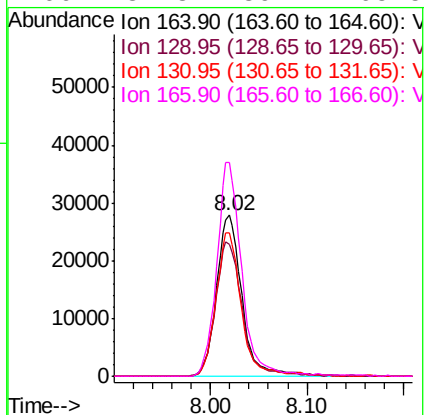
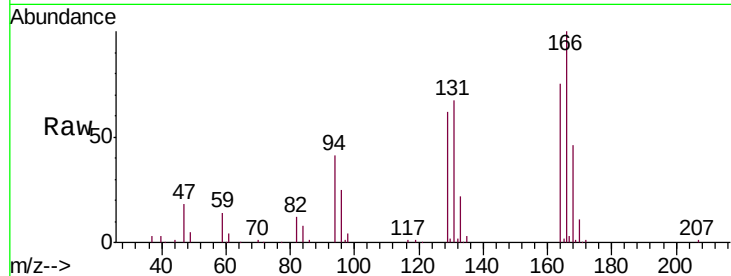




#47
Tetrachloroethene
Concen: 3.345 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV010553.D
Acq: 29 Apr 2019 18:05

Instrument :
MSVOA_V
ClientSampleId :
C0X57DL

Tgt Ion:164 Resp: 50981
Ion Ratio Lower Upper
164 100
129 82.3 62.2 115.4
131 89.0 61.5 114.1
166 132.8 89.1 165.5



#49
Dibromochloromethane
Concen: 3.024 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV010553.D
Acq: 29 Apr 2019 18:05

Tgt Ion:129 Resp: 40733
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#

