

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042120\
 Data File : VV015613.D
 Acq On : 21 Apr 2020 20:11
 Operator : SY/MD
 Sample : L2366-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 00:17:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 22 00:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132960	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32998	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	32085	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.12	63	51415	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.91	46	100142	51.70	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.40%
24) Chloroform-d	4.38	84	74515	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	43077	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.08	84	143667	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.10	67	45535	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	131845	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	7.65	79	13876	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.11	63	77190	42.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30791	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	49295	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

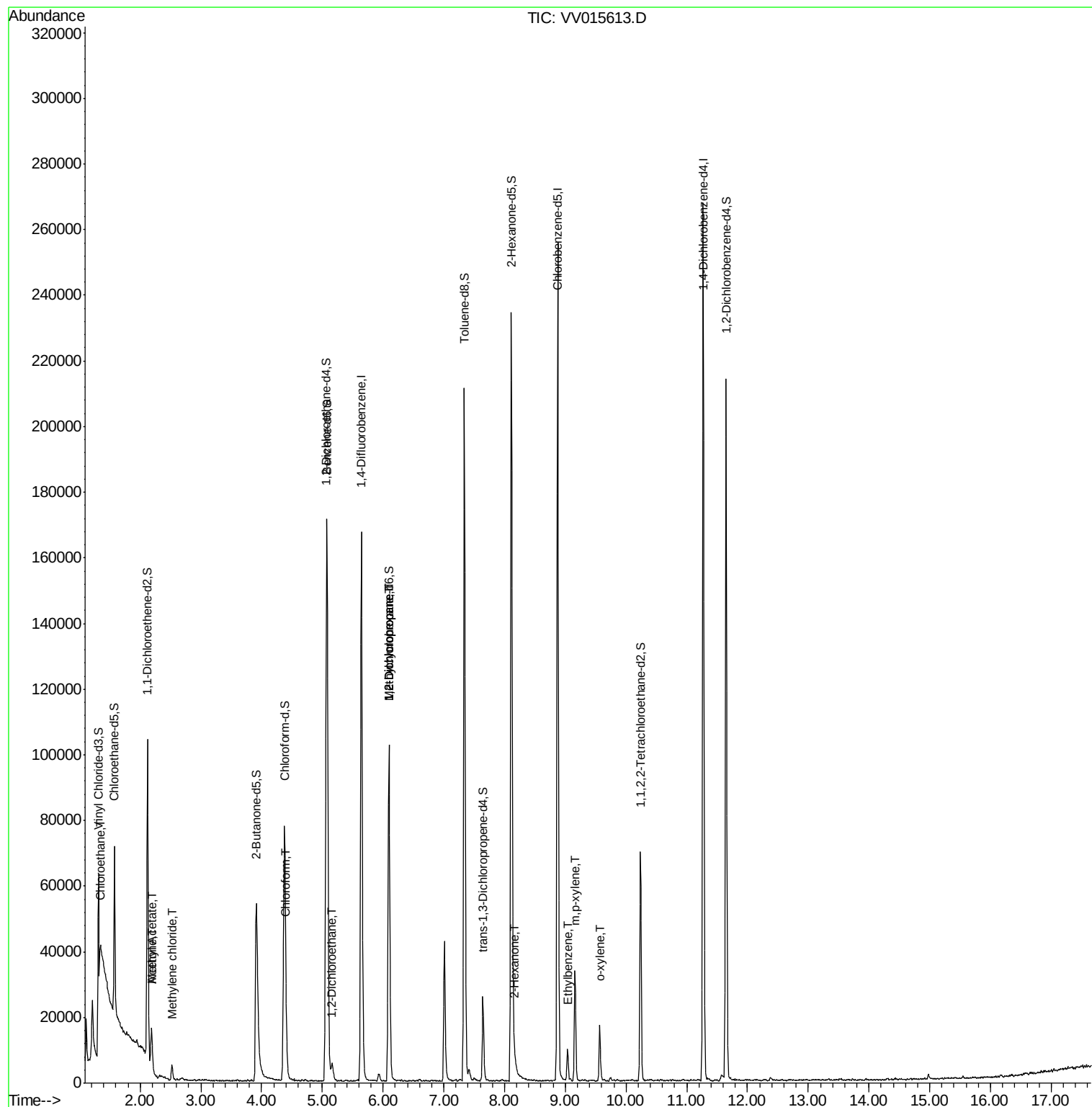
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.35	64	131396	18.774	ug/L #	53
13) Acetone	2.19	43	13876	10.139	ug/L #	50
15) Methyl Acetate	2.19	43	12554	3.100	ug/L #	57
16) Methylene chloride	2.52	84	1720	0.176	ug/L	94
25) Chloroform	4.41	83	2399	0.132	ug/L	99
27) 1,2-Dichloroethane	5.16	62	4759	0.406	ug/L	96
35) Methylcyclohexane	6.09	83	11328	0.660	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5779	0.615	ug/L #	86
48) 2-Hexanone	8.17	43	1935	0.449	ug/L #	85
52) Ethylbenzene	9.04	91	6233	0.132	ug/L	88
53) m,p-xylene	9.16	106	9047	0.506	ug/L	97
54) o-xylene	9.57	106	4207	0.243	ug/L	95

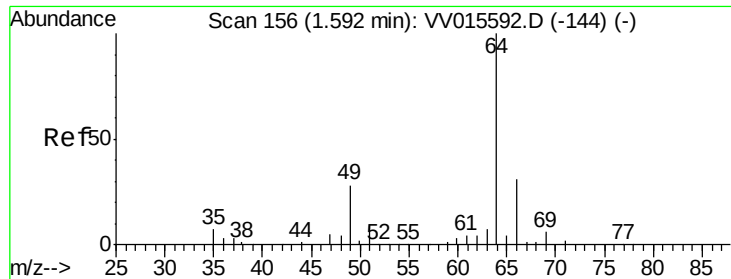
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 18.774 ug/L

RT: 1.35 min Scan# 80

Delta R.T. -0.24 min

Lab File: VV015613.D

Acq: 21 Apr 2020 20:11

Instrument :

MSVOA_V

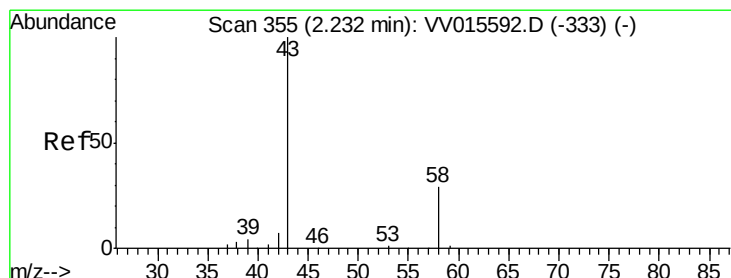
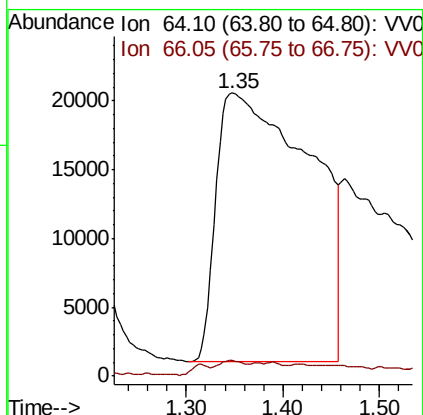
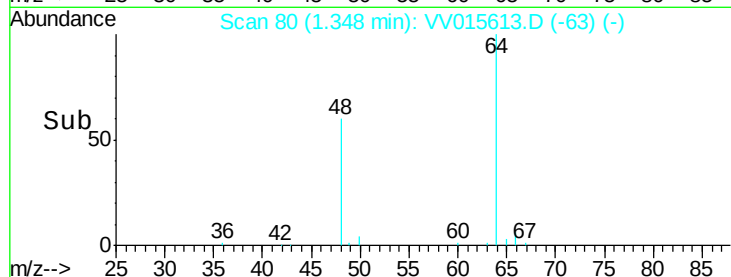
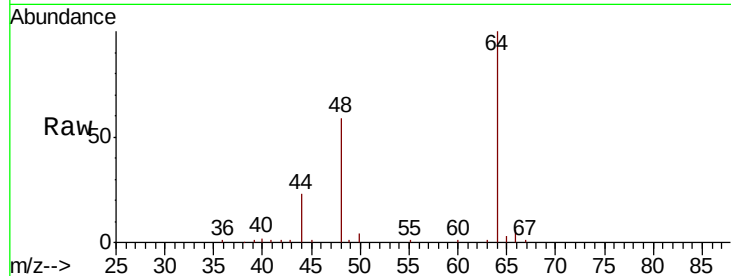
ClientSampleId :

Tot Ion: 64 Resp: 131396

Ion Ratio Lower Upper

64 100

66 5.5 22.3 41.5#



#13

Acetone

Concen: 10.139 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.04 min

Lab File: VV015613.D

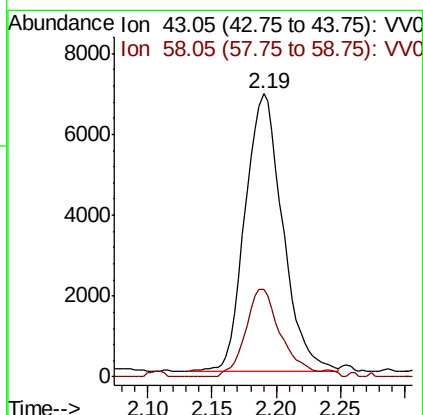
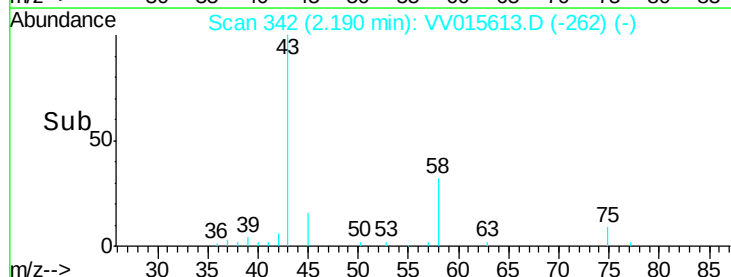
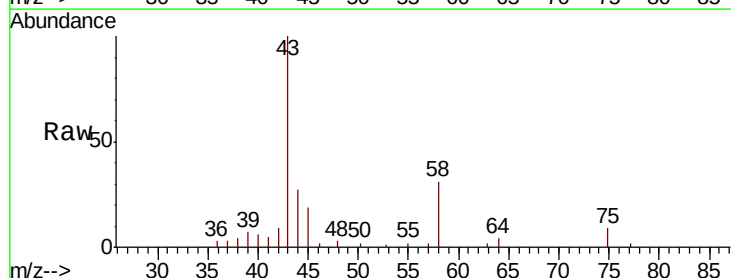
Acq: 21 Apr 2020 20:11

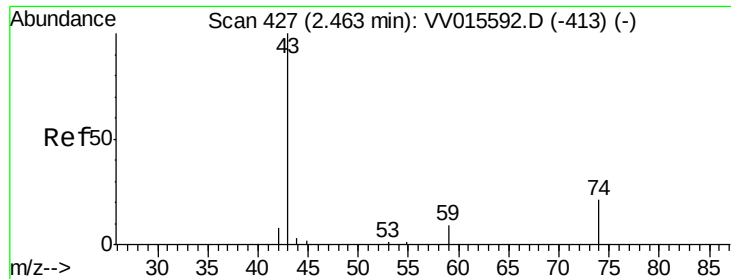
Tgt Ion: 43 Resp: 13876

Ion Ratio Lower Upper

43 100

58 30.3 0.0 22.2#

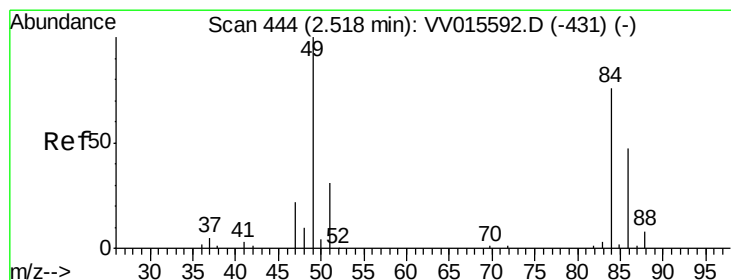
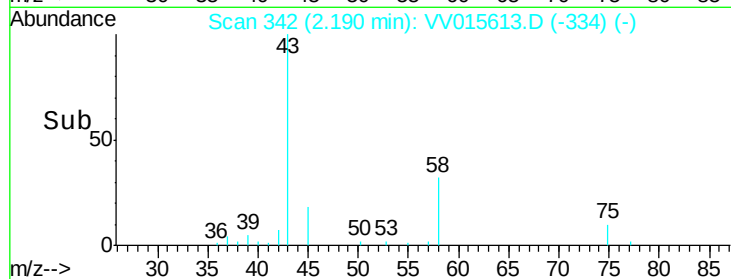
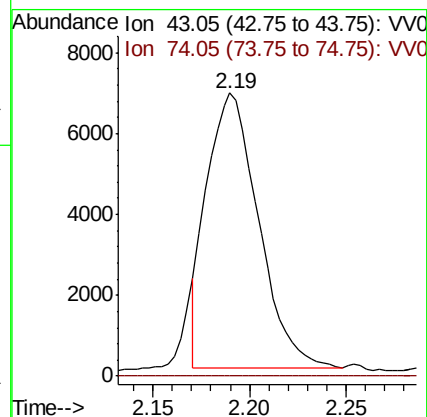
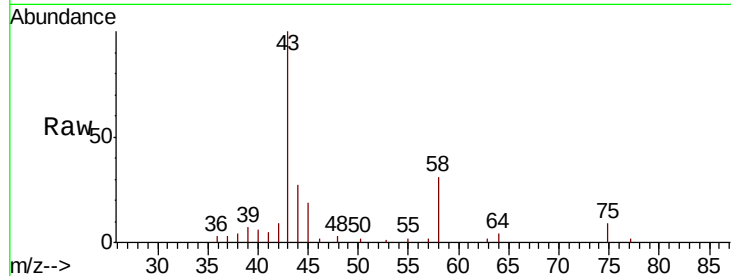




#15
Methvl Acetate
Concen: 3.100 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.27 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

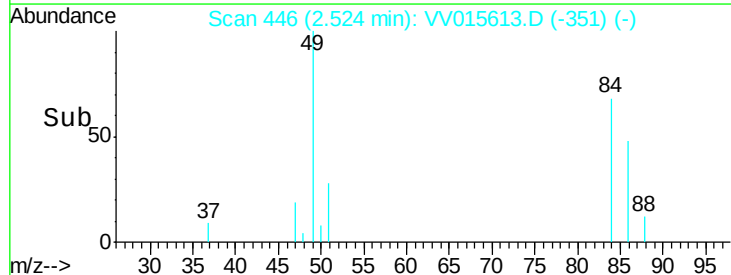
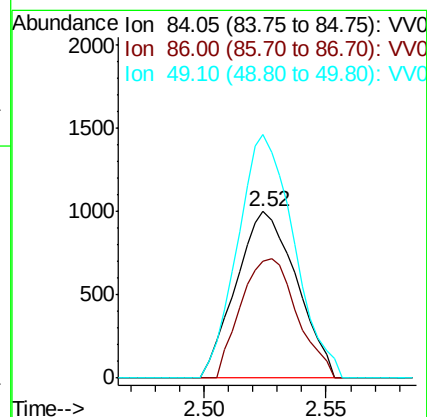
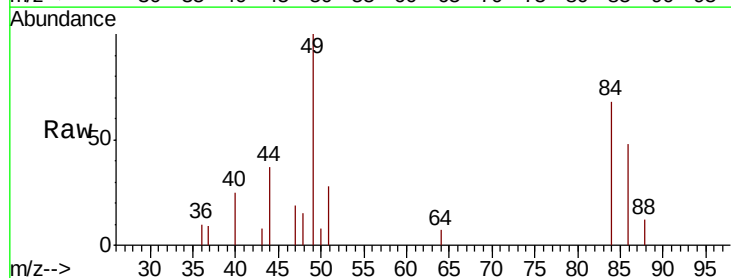
Instrument :
MSVOA_V
ClientSampleId :

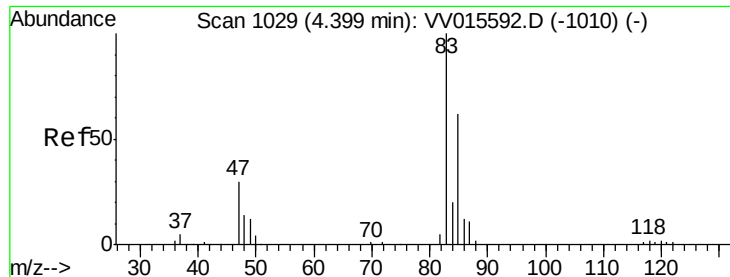
Tot Ion: 43 Resp: 12554
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#16
Methylene chloride
Concen: 0.176 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

Tgt Ion: 84 Resp: 1720
Ion Ratio Lower Upper
84 100
86 70.3 45.1 83.7
49 146.1 97.9 181.7

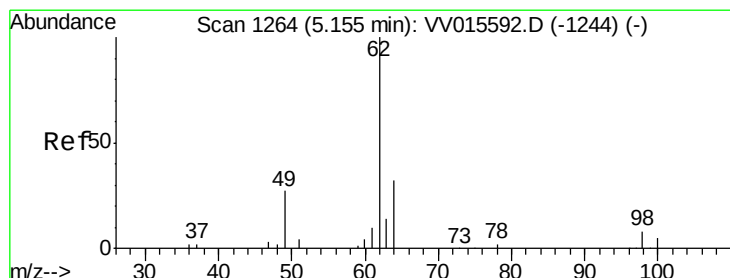
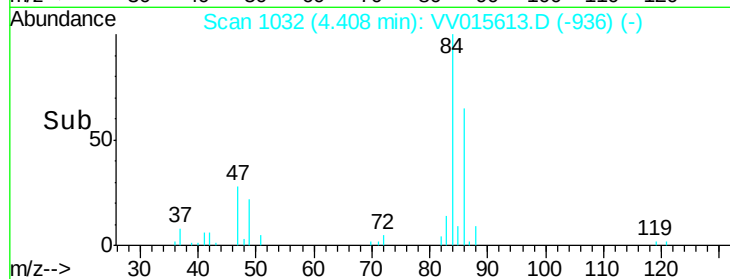
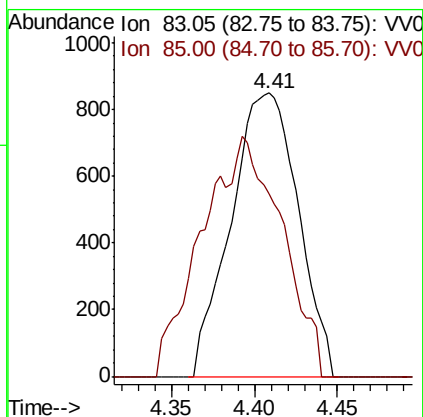
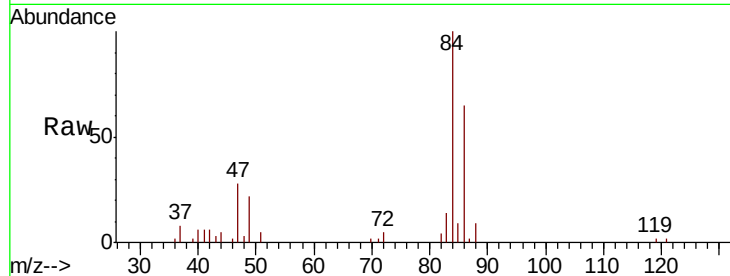




#25
Chloroform
Concen: 0.132 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

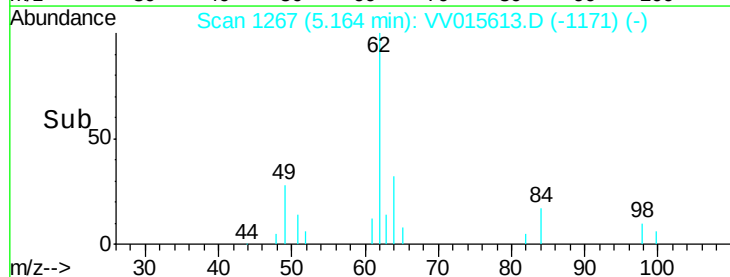
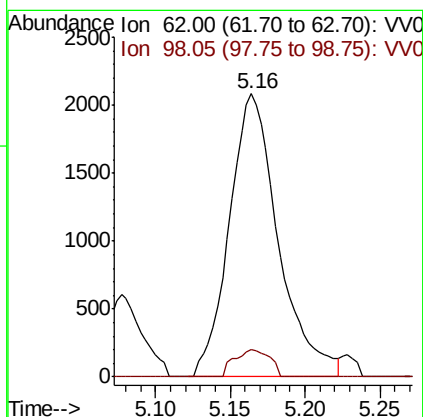
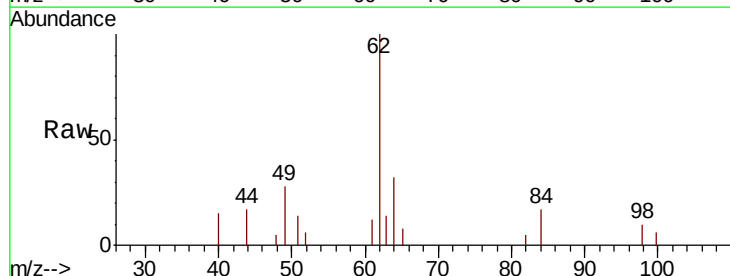
Instrument :
MSVOA_V
ClientSampled :

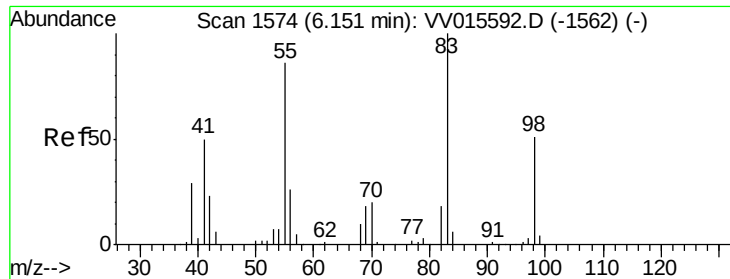
Tot Ion: 83 Resp: 2399
Ion Ratio Lower Upper
83 100
85 64.5 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.406 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

Tgt Ion: 62 Resp: 4759
Ion Ratio Lower Upper
62 100
98 9.7 6.6 10.0

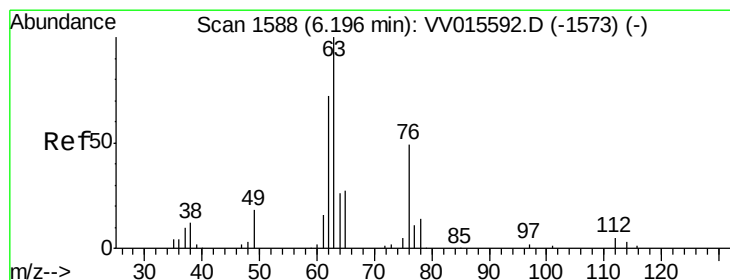
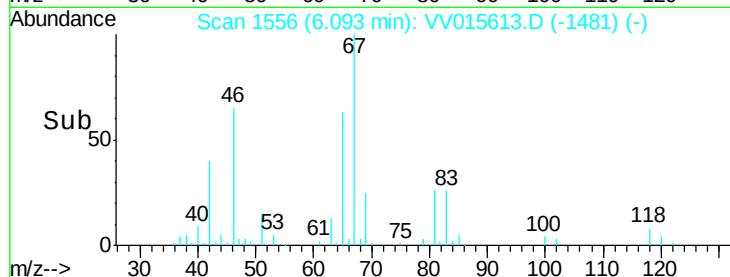
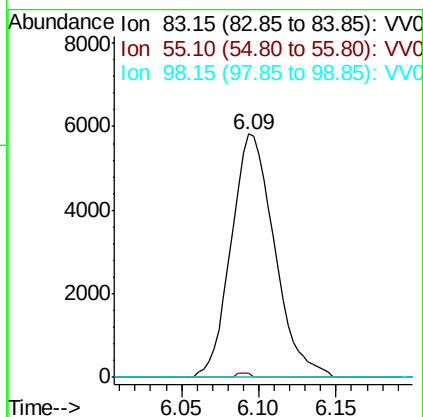
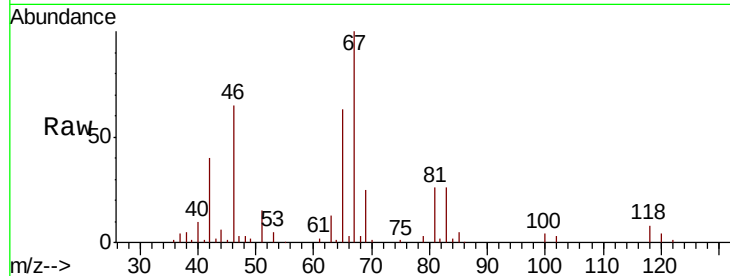




#35
Methylvlcyclohexane
Concen: 0.660 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

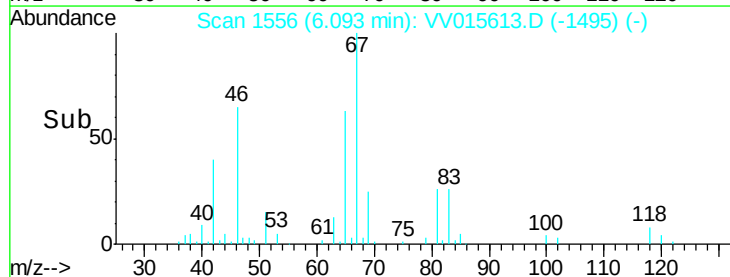
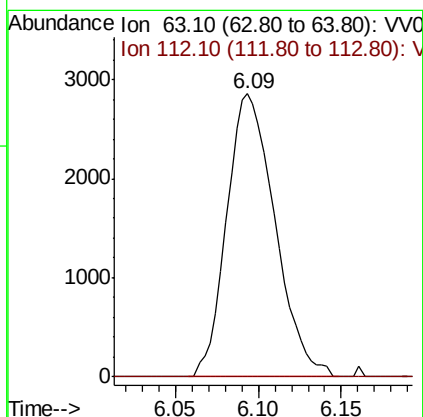
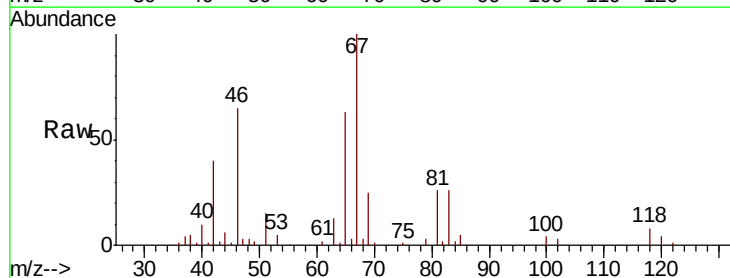
Instrument :
MSVOA_V
ClientSampleId :

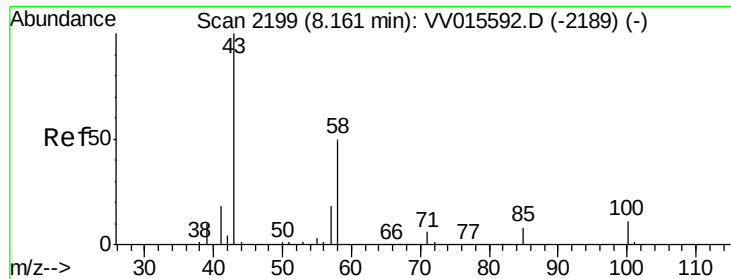
Tot Ion: 83 Resp: 11328
Ion Ratio Lower Upper
83 100
55 0.5 66.6 99.8#
98 0.4 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

Tgt Ion: 63 Resp: 5779
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

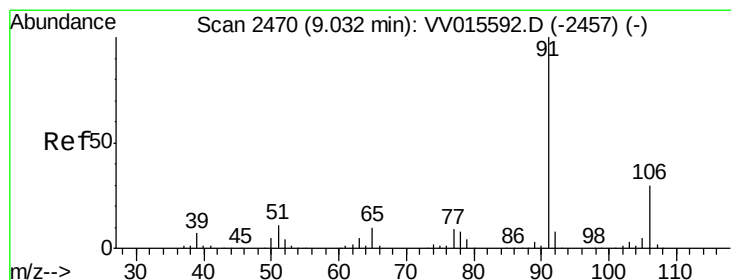
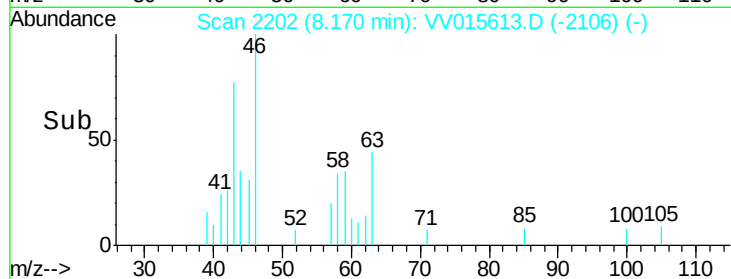
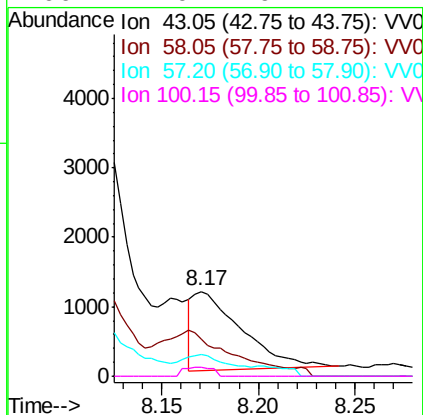
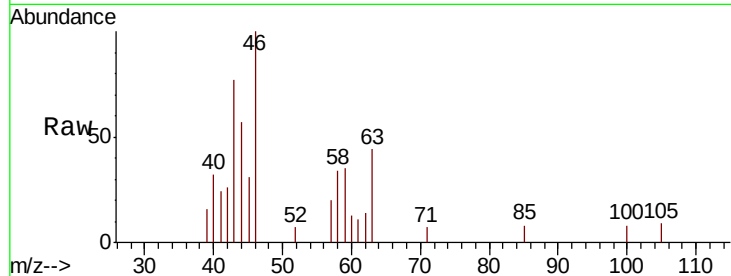




#48
2-Hexanone
Concen: 0.449 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

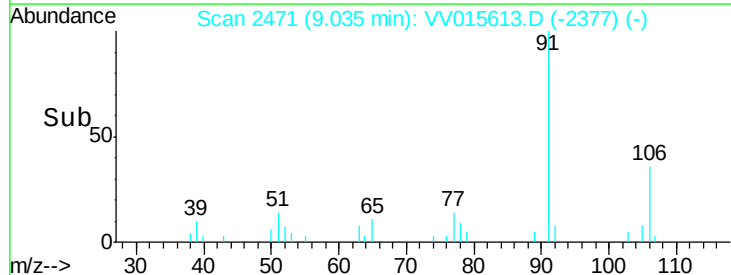
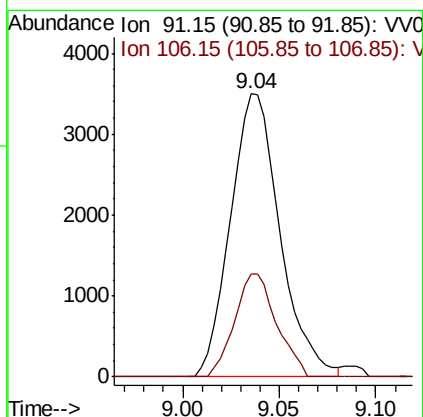
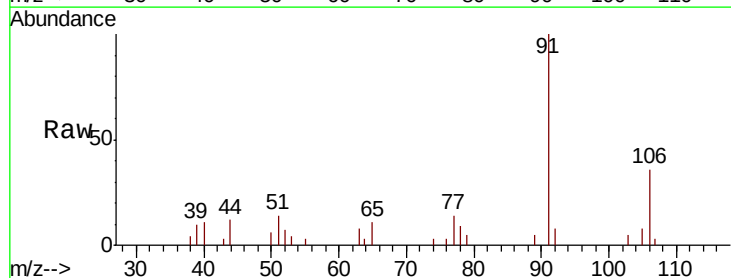
Instrument :
MSVOA_V
ClientSampled :

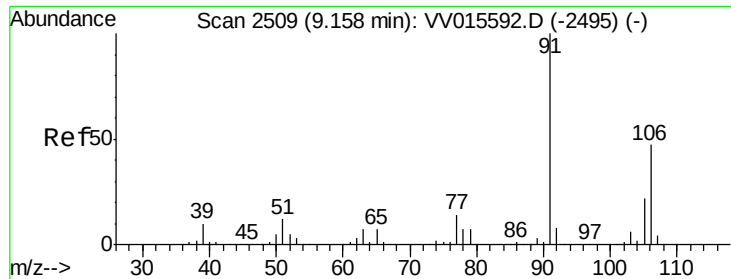
Tot Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
58 63.8 41.4 62.0#
57 14.4 15.0 22.4#
100 7.0 9.4 14.2#



#52
Ethylbenzene
Concen: 0.132 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV015613.D
Acq: 21 Apr 2020 20:11

Tgt Ion: 91 Resp: 6233
Ion Ratio Lower Upper
91 100
106 36.3 20.8 38.6

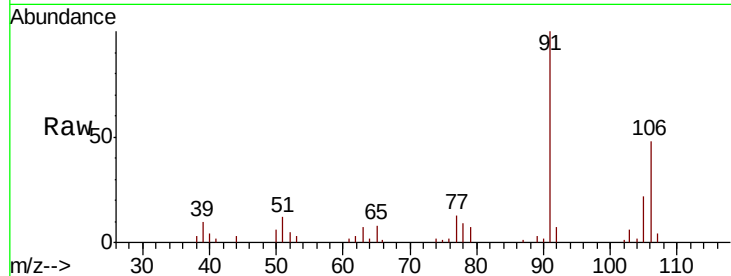




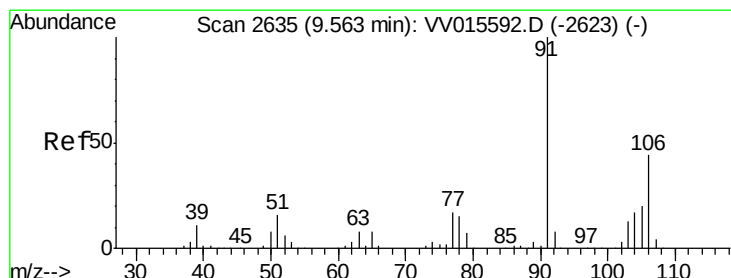
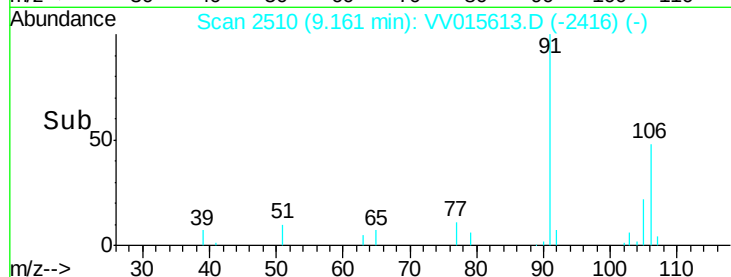
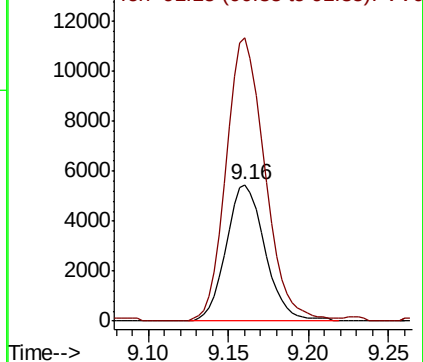
#53
 m,p-xylene
 Concen: 0.506 ug/L
 RT: 9.16 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: VV015613.D
 Acq: 21 Apr 2020 20:11

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:106 Resp: 9047
 Ion Ratio Lower Upper
 106 100
 91 207.0 147.9 274.7

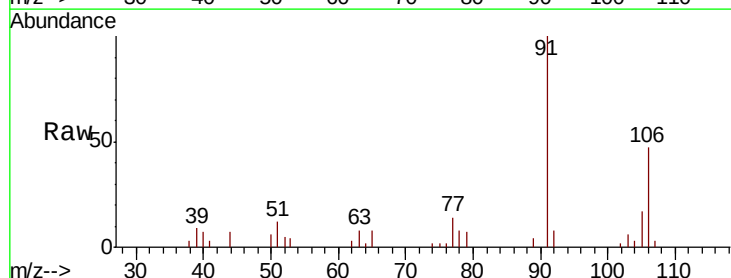


Abundance Ion 106.15 (105.85 to 106.85): V
 Ion 91.15 (90.85 to 91.85): VV0



#54
 o-xylene
 Concen: 0.243 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV015613.D
 Acq: 21 Apr 2020 20:11

Tgt Ion:106 Resp: 4207
 Ion Ratio Lower Upper
 106 100
 91 212.3 154.5 286.9



Abundance Ion 106.15 (105.85 to 106.85): V
 Ion 91.15 (90.85 to 91.85): VV0

