

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
 Data File : VV015393.D
 Acq On : 03 Apr 2020 00:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 05:33:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 05:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	677501	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	669867	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	325886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	230334	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.84%
7) Chloroethane-d5	1.58	69	207004	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.78%
11) 1,1-Dichloroethene-d2	2.12	63	469916	43.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.56%
21) 2-Butanone-d5	3.94	46	310386	96.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.13%
24) Chloroform-d	4.38	84	434050	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.06	65	270433	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.58%
32) Benzene-d6	5.08	84	851523	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.56%
36) 1,2-Dichloropropane-d6	6.09	67	257936	42.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.82%
41) Toluene-d8	7.34	98	825987	41.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.74%
43) trans-1,3-Dichloropropene-	7.64	79	131537	39.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.28%
47) 2-Hexanone-d5	8.11	63	242252	87.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.21%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	383807	44.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	322752	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	288730	47.126	ug/L 100
3) Chloromethane	1.25	50	261984	45.373	ug/L 100
5) Vinyl chloride	1.32	62	273787	45.269	ug/L 98
6) Bromomethane	1.53	94	185052	46.286	ug/L 100
8) Chloroethane	1.60	64	169519	40.801	ug/L 100
9) Trichlorofluoromethane	1.76	101	464483	40.620	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	249457	48.819	ug/L 98
12) 1,1-Dichloroethene	2.13	96	242292	49.966	ug/L 95
13) Acetone	2.13	43	2698	1.273	ug/L 82
14) Carbon disulfide	2.31	76	614228	45.800	ug/L 100
15) Methyl Acetate	2.46	43	230482	49.656	ug/L 98
16) Methylene chloride	2.52	84	246995	48.165	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	226629	48.959	ug/L 97
18) Methyl tert-butyl Ether	2.79	73	748482	49.049	ug/L 99
19) 1,1-Dichloroethane	3.21	63	403014	47.852	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	257167	48.553	ug/L 98
22) 2-Butanone	4.02	43	321499	102.537	ug/L 97

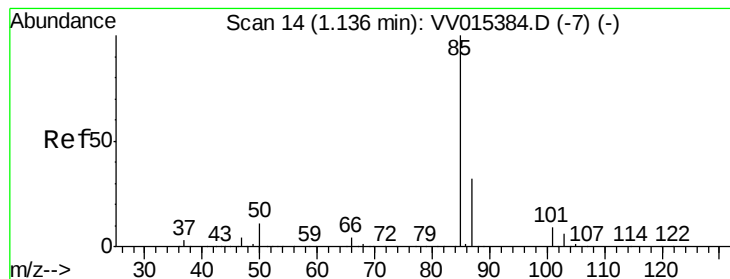
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040220\
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 Quant Title : VOC Analysis
 QLast Update : Fri Apr 03 05:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	130354	48.729	ug/L	97
25) Chloroform	4.40	83	443612	48.573	ug/L	99
27) 1,2-Dichloroethane	5.16	62	336081	48.858	ug/L	99
29) Cyclohexane	4.70	56	358470	44.978	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	408919	47.505	ug/L	100
31) Carbon tetrachloride	4.86	117	353184	47.990	ug/L	99
33) Benzene	5.13	78	943929	47.608	ug/L	100
34) Trichloroethene	5.94	95	250811	47.775	ug/L	99
35) Methylcyclohexane	6.15	83	392068	45.584	ug/L	99
37) 1,2-Dichloropropane	6.20	63	231697	47.614	ug/L	100
38) Bromodichloromethane	6.53	83	335139	46.978	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	376782	46.075	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	674112	98.543	ug/L	99
42) Toluene	7.41	91	1051014	47.698	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	368322	46.351	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	248076	48.344	ug/L	99
46) Tetrachloroethene	8.00	164	186055	49.434	ug/L	96
48) 2-Hexanone	8.16	43	514775	99.374	ug/L	99
49) Dibromochloromethane	8.27	129	269086	47.883	ug/L	100
50) 1,2-Dibromoethane	8.37	107	269204	49.146	ug/L	98
51) Chlorobenzene	8.90	112	702502	48.644	ug/L	99
52) Ethylbenzene	9.03	91	1181134	47.757	ug/L	99
53) m,p-Xylene	9.16	106	463949	48.716	ug/L	98
54) o-xylene	9.57	106	460345	48.257	ug/L	97
55) Styrene	9.58	104	780842	49.224	ug/L	100
56) Isopropylbenzene	9.95	105	1211894	49.043	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	394165	47.846	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	316038	48.099	ug/L	98
61) Bromoform	9.75	173	173224	47.587	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	535708	48.829	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	533664	47.962	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	542811	48.508	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	104426	47.261	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	356027	48.966	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	334700	50.396	ug/L	99
69) Naphthalene	13.53	128	1299155	51.166	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	342515	50.066	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 47.126 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

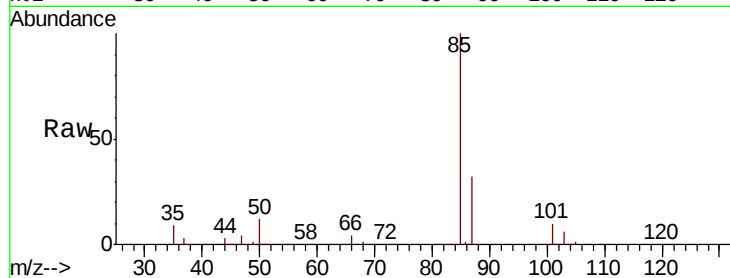
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 288730

Ion Ratio Lower Upper

85 100

87 32.0 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV015384.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV015384.D (-7) (-)

1.14

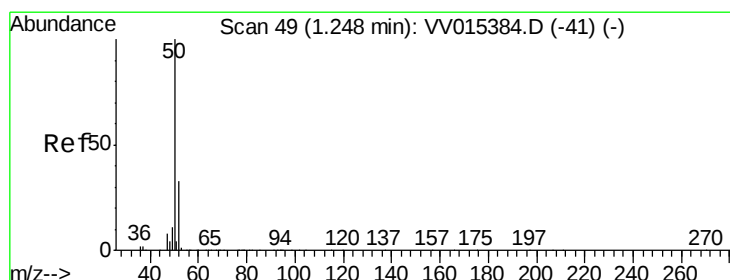
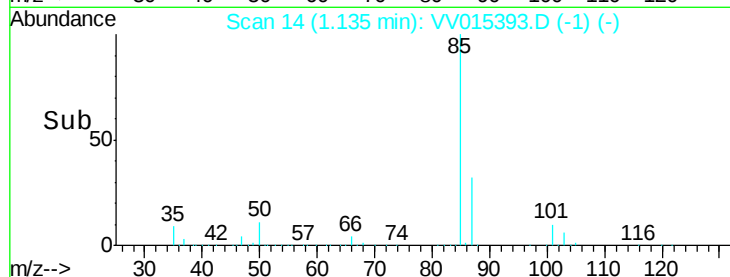
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 45.373 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV015393.D

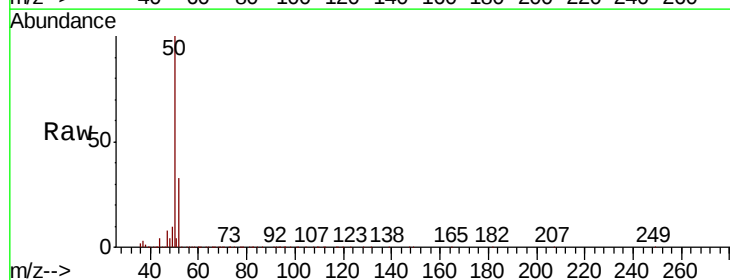
Acq: 03 Apr 2020 00:30

Tgt Ion: 50 Resp: 261984

Ion Ratio Lower Upper

50 100

52 32.6 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VV015384.D (-41) (-)

Ion 52.00 (51.70 to 52.70): VV015384.D (-41) (-)

1.25

250000

200000

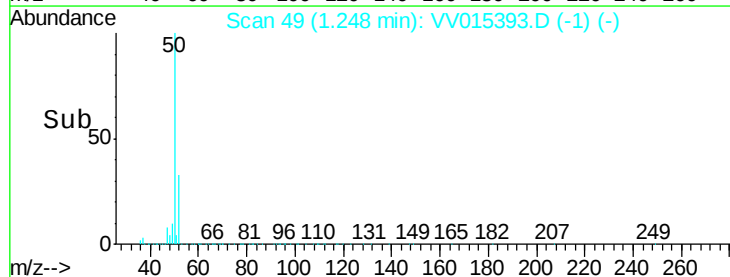
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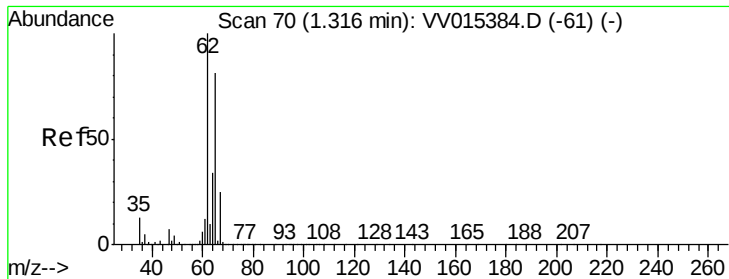
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 45.269 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

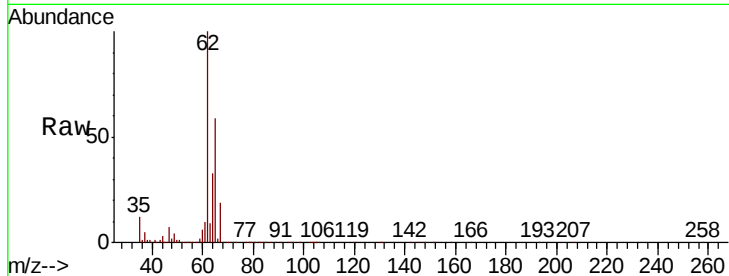
ClientSampled :

Tot Ion: 62 Resp: 273787

Ion Ratio Lower Upper

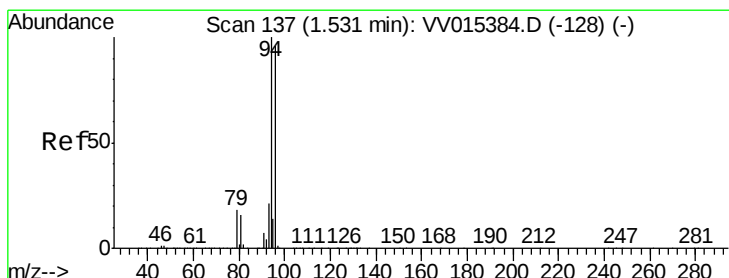
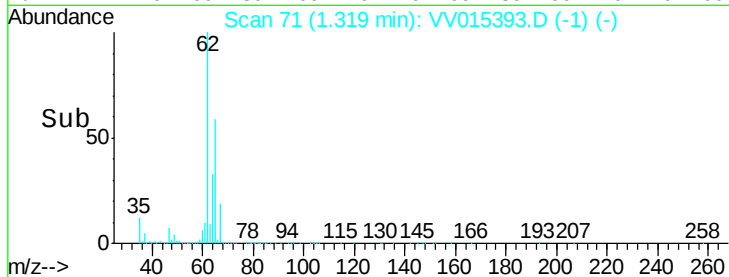
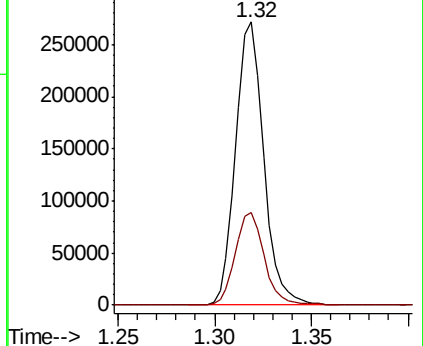
62 100

64 32.8 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 46.286 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV015393.D

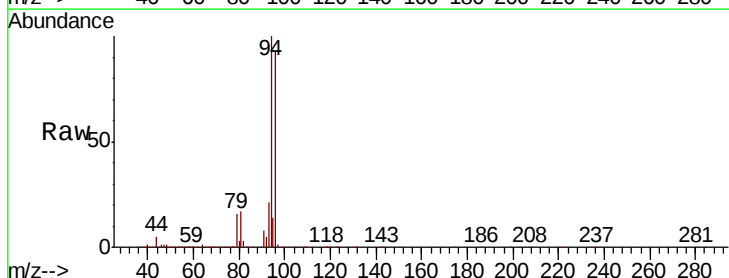
Acq: 03 Apr 2020 00:30

Tgt Ion: 94 Resp: 185052

Ion Ratio Lower Upper

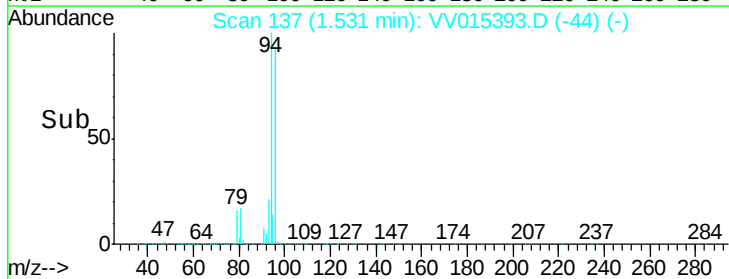
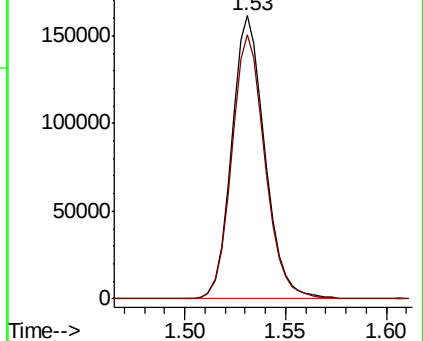
94 100

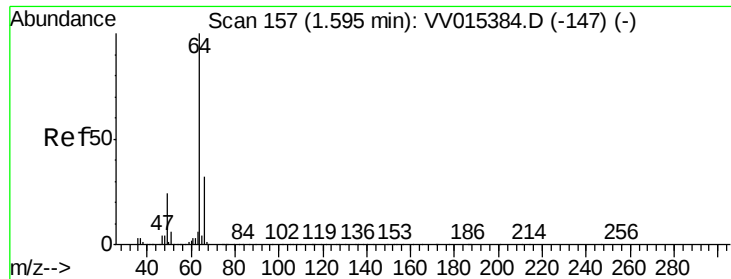
96 93.3 65.2 121.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

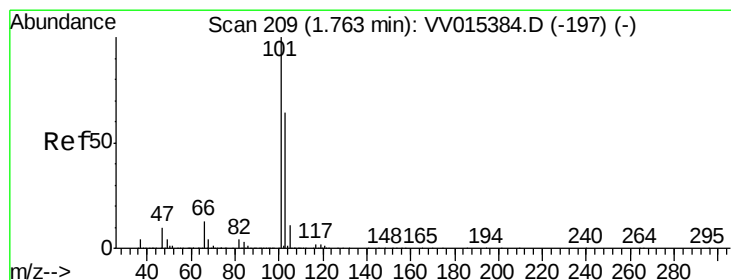
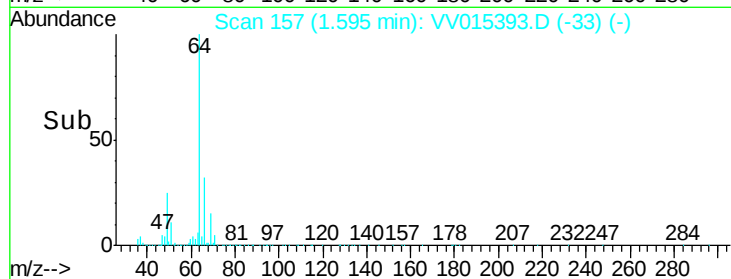
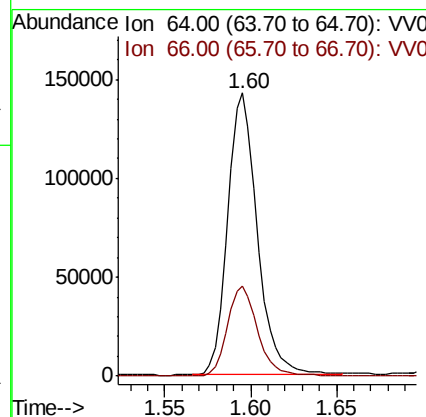
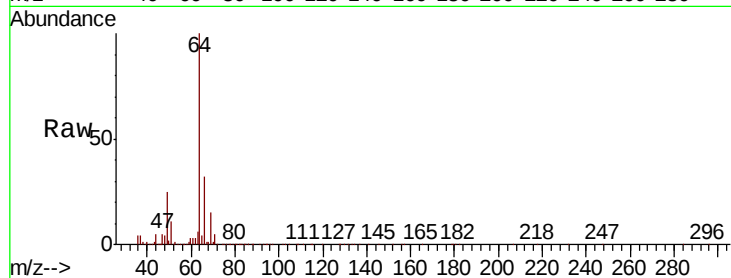




#8
Chloroethane
Concen: 40.801 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

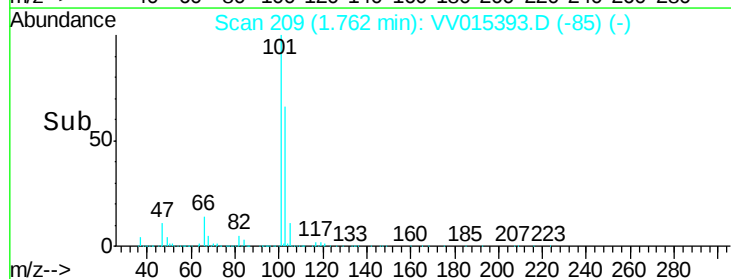
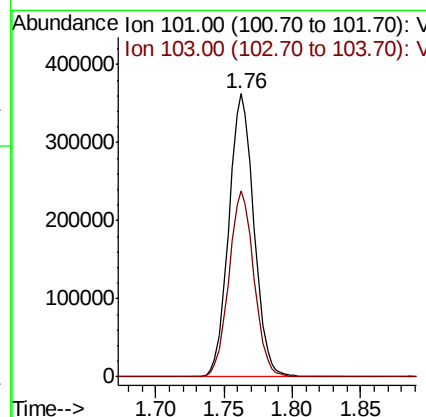
Instrument :
MSVOA_V
ClientSampleId :

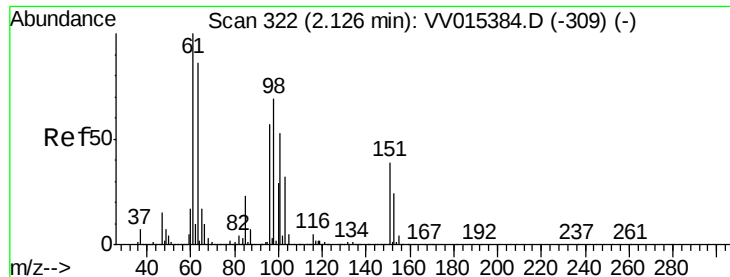
Tot Ion: 64 Resp: 169519
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 40.620 ug/L
RT: 1.76 min Scan# 209
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

Tgt Ion: 101 Resp: 464483
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5





#10

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

Concen: 48.819 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015393.D

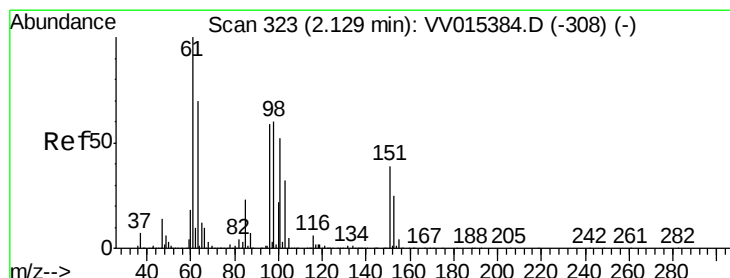
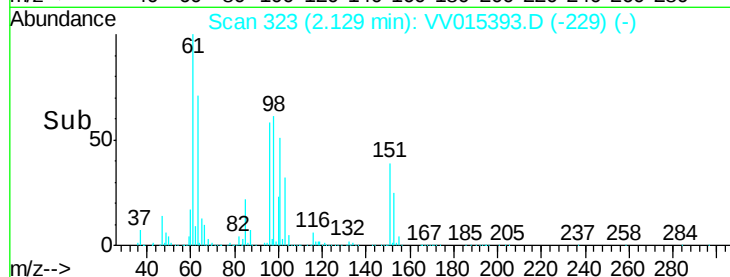
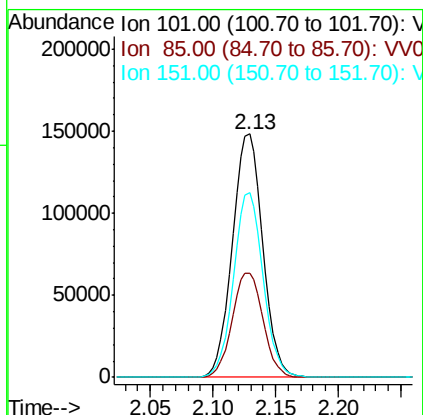
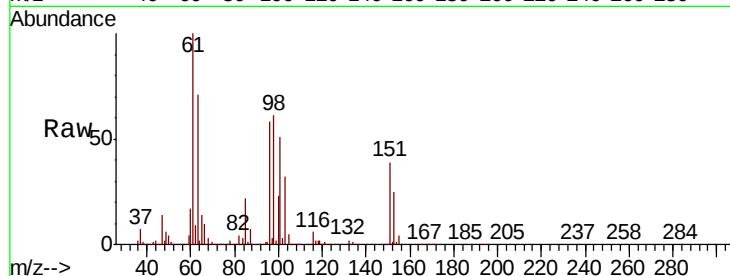
Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:	101	Resp:	249457
Ion	Ratio	Lower	Upper
101	100		
85	43.3	36.1	54.1
151	73.8	58.2	87.4



#12

1,1-Dichloroethene

Concen: 49.966 ug/L

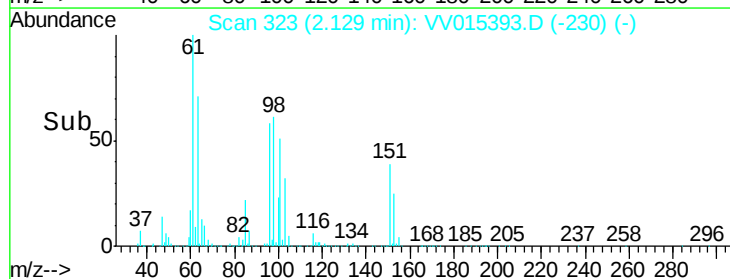
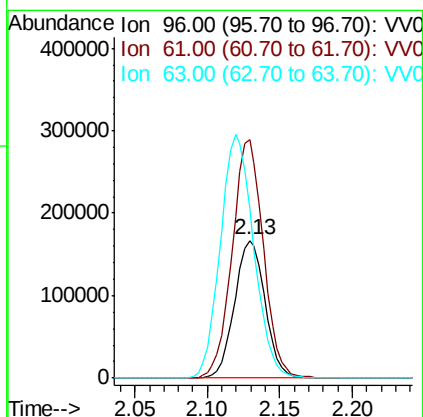
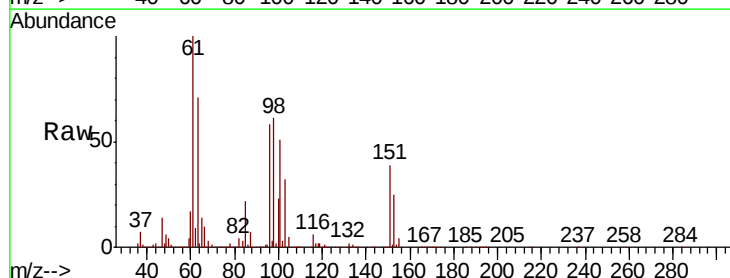
RT: 2.13 min Scan# 323

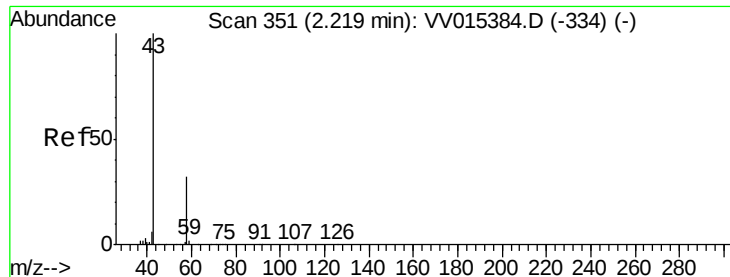
Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Tgt Ion:	96	Resp:	242292
Ion	Ratio	Lower	Upper
96	100		
61	172.4	118.0	219.2
63	123.1	92.3	171.3





#13

Acetone

Concen: 1.273 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.09 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

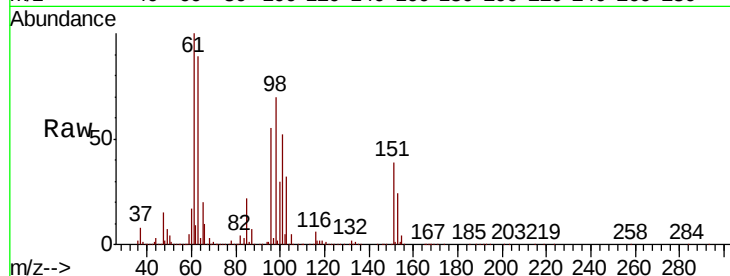
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2698

Ion Ratio Lower Upper

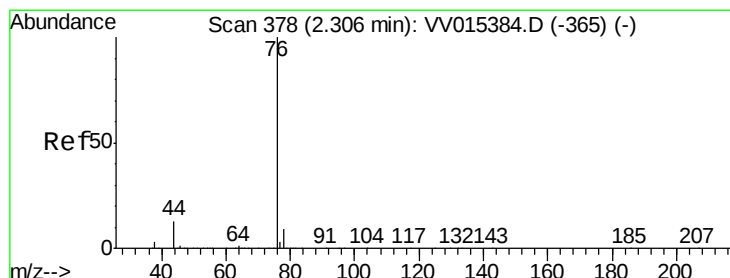
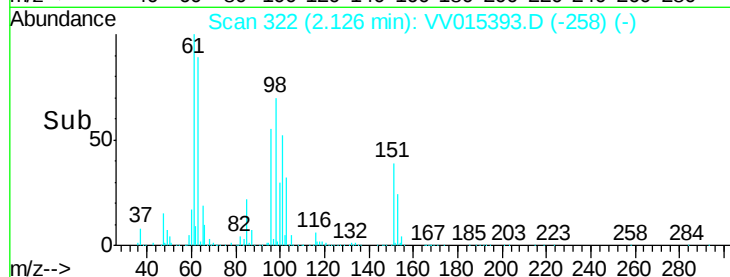
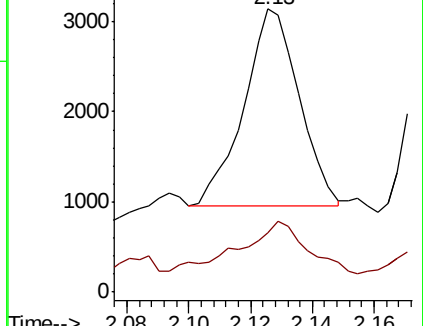
43 100

58 23.8 0.0 68.2



Abundance Ion 43.00 (42.70 to 43.70): VV015384.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV015384.D (-334) (-)



#14

Carbon disulfide

Concen: 45.800 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV015393.D

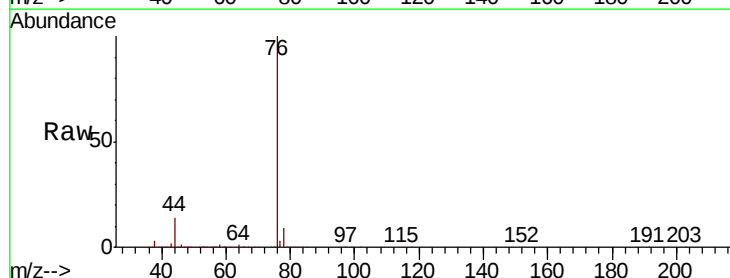
Acq: 03 Apr 2020 00:30

Tgt Ion: 76 Resp: 614228

Ion Ratio Lower Upper

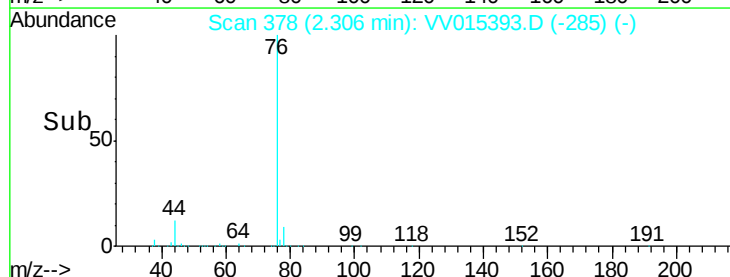
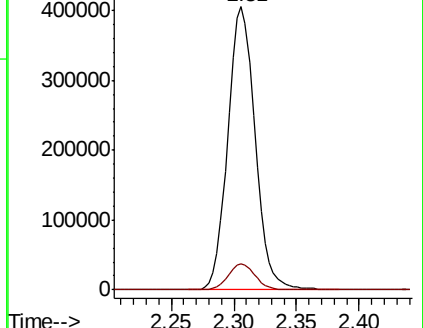
76 100

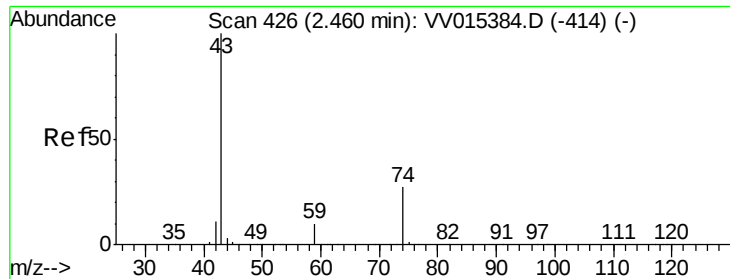
78 9.2 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV015384.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015384.D (-365) (-)





#15

Methvl Acetate

Concen: 49.656 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

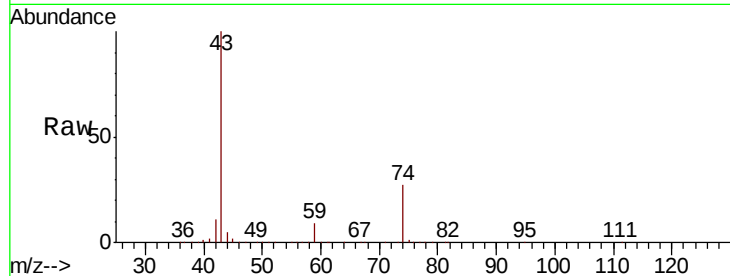
ClientSampled :

Tot Ion: 43 Resp: 230482

Ion Ratio Lower Upper

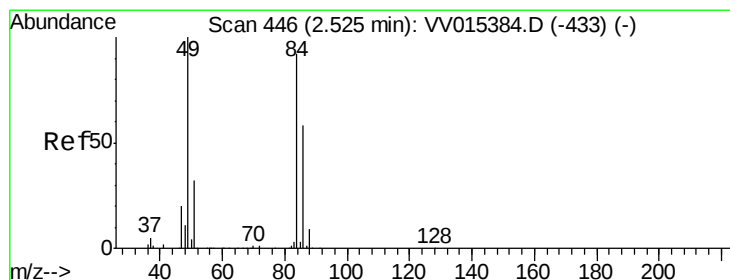
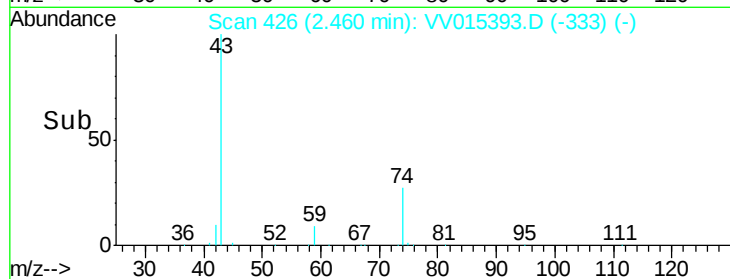
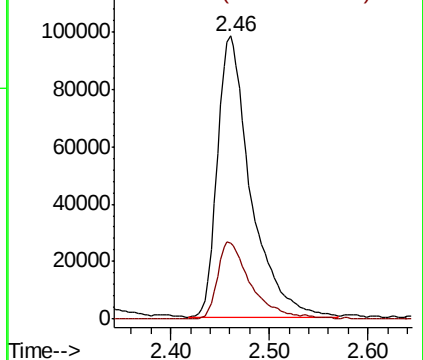
43 100

74 27.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 48.165 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

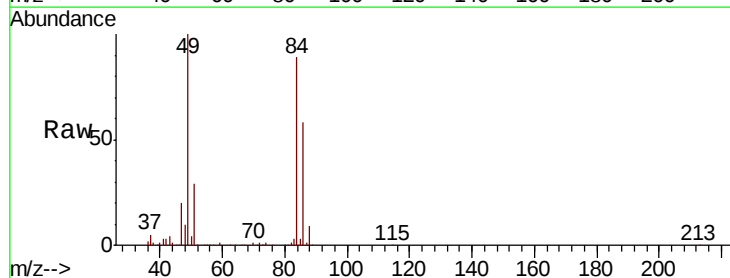
Tgt Ion: 84 Resp: 246995

Ion Ratio Lower Upper

84 100

86 64.6 45.1 83.9

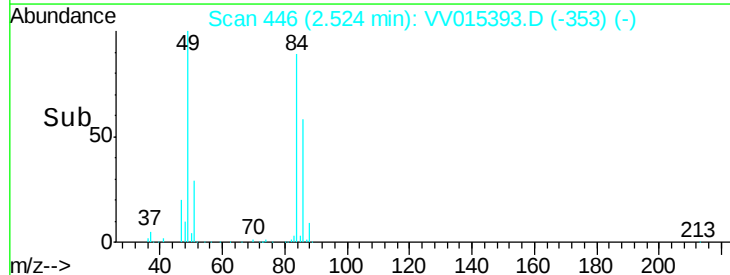
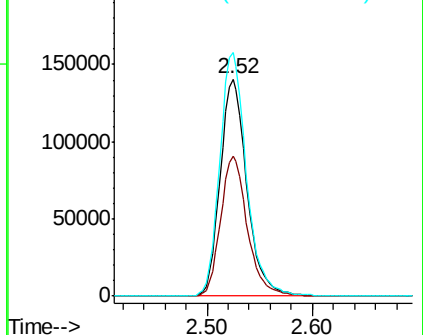
49 112.2 81.2 150.8

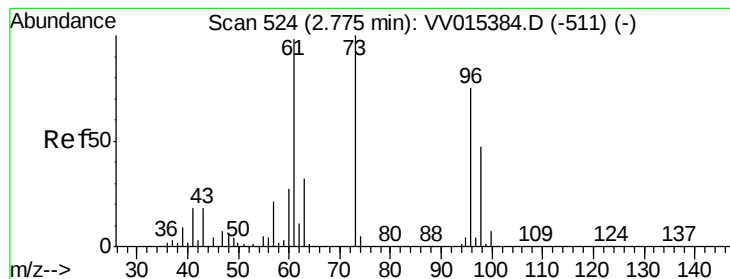


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 48.959 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

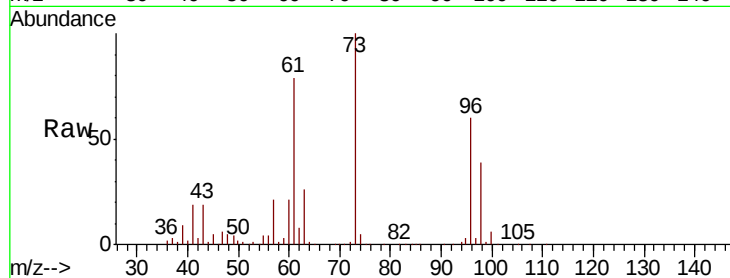
Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 226629

Ion	Ratio	Lower	Upper
96	100		
61	131.3	95.2	176.8
98	64.4	45.1	83.9

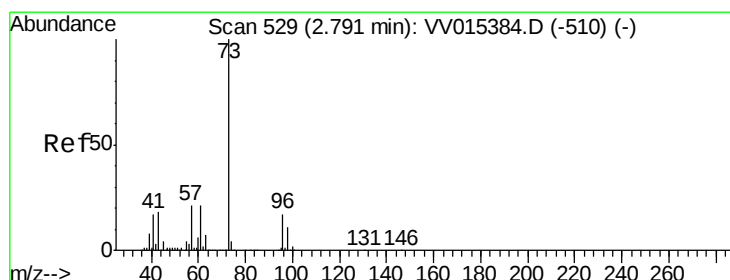
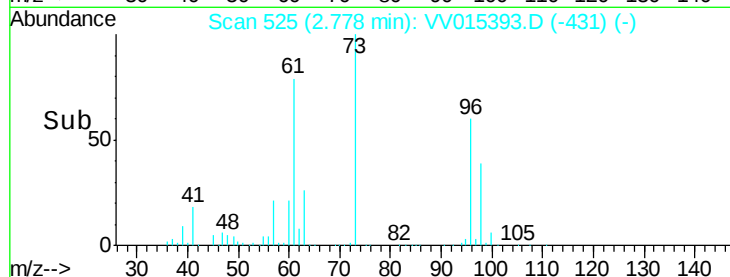
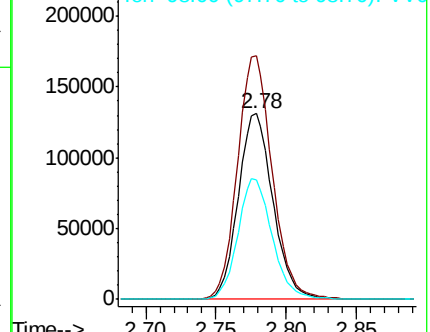


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 49.049 ug/L

RT: 2.79 min Scan# 529

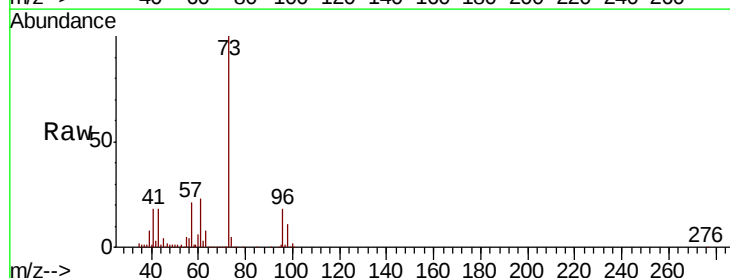
Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Tgt Ion: 73 Resp: 748482

Ion	Ratio	Lower	Upper
73	100		
43	18.2	15.4	23.0
57	20.6	16.3	24.5

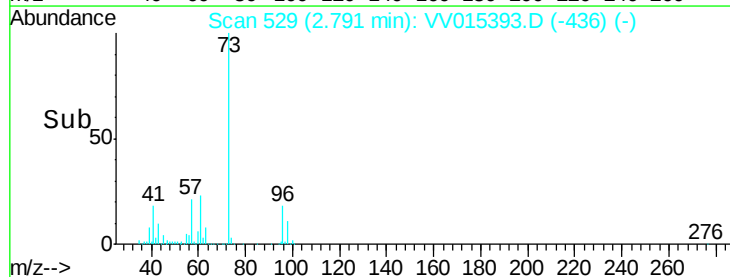
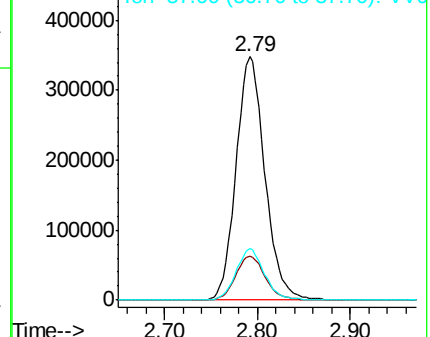


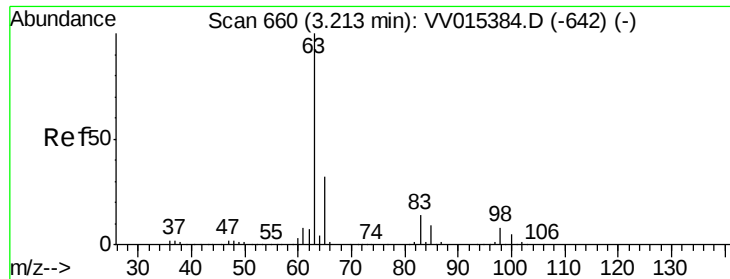
Abundance

Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

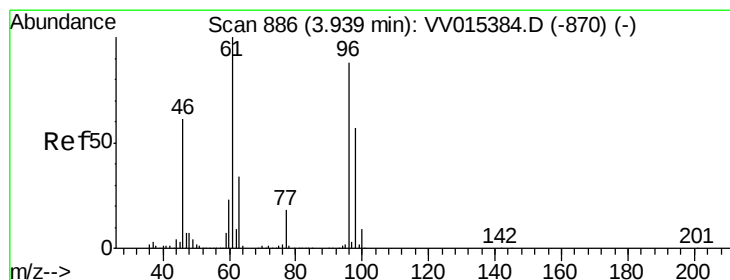
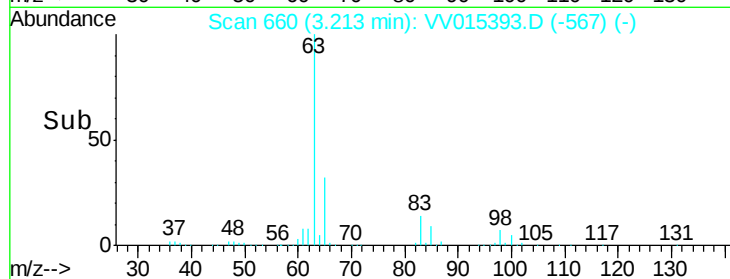
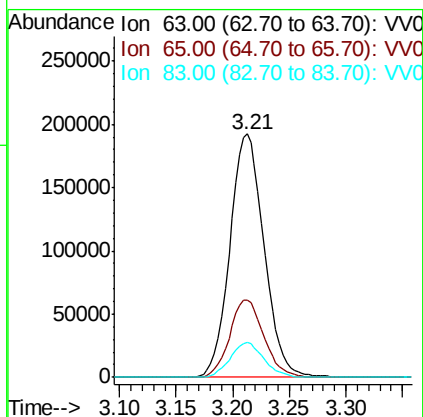
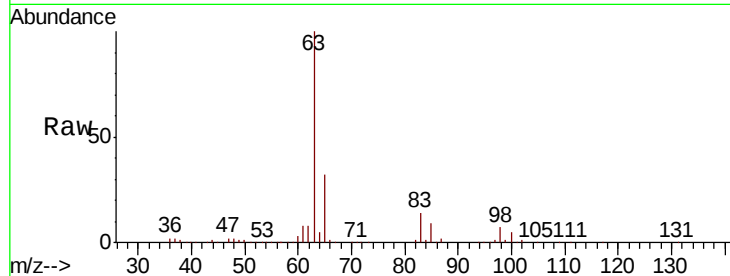




#19
 1,1-Dichloroethane
 Concen: 47.852 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

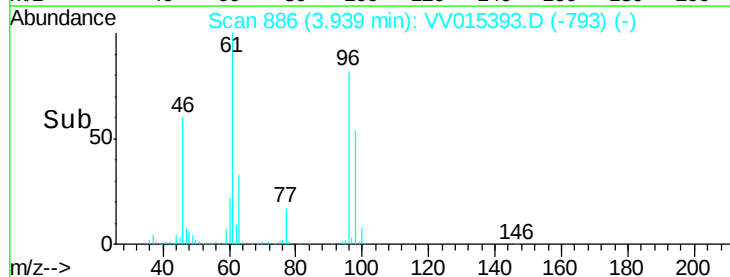
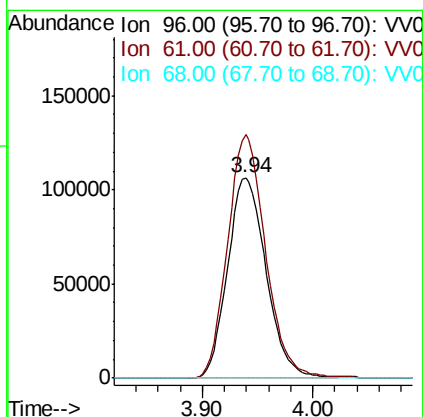
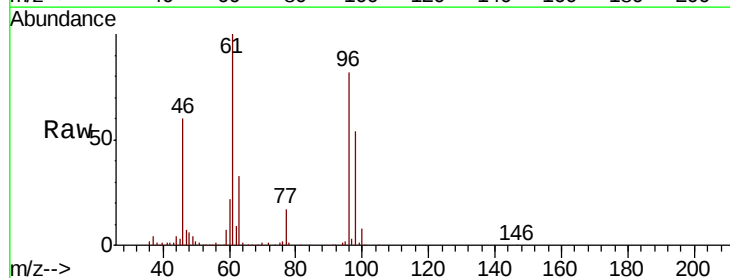
Instrument :
 MSVOA_V
 ClientSampled :

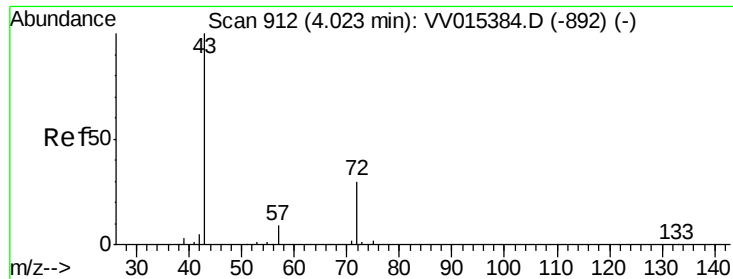
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.5
83	14.3	10.2	19.0



#20
 cis-1,2-Dichloroethene
 Concen: 48.553 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	121.6	86.4	160.4
68	0.1	0.1	0.3





#22

2-Butanone

Concen: 102.537 ug/L

RT: 4.02 min Scan# 912

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

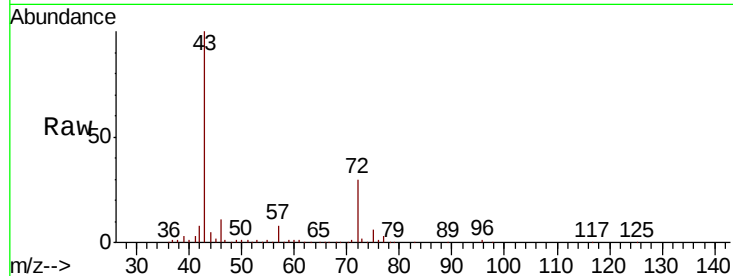
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 321499

Ion Ratio Lower Upper

43 100

72 28.1 13.3 39.8



Abundance Ion 43.00 (42.70 to 43.70): VV015393.D (-898) (-)

Ion 72.00 (71.70 to 72.70): VV015393.D (-898) (-)

4.02

80000

60000

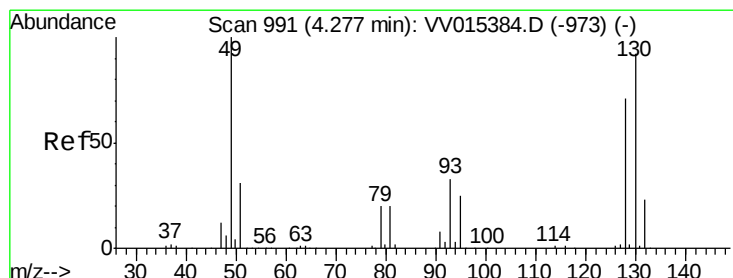
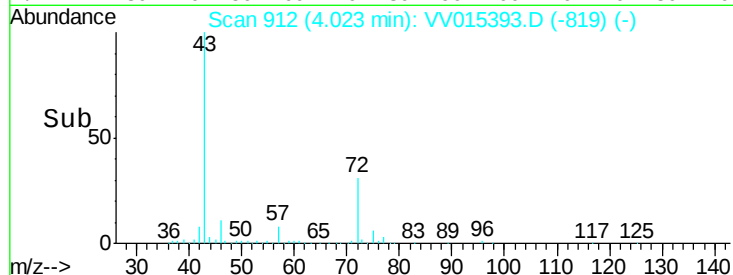
40000

20000

0

Time-->

3.90 4.00 4.10 4.20



#23

Bromochloromethane

Concen: 48.729 ug/L

RT: 4.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Tgt Ion:128 Resp: 130354

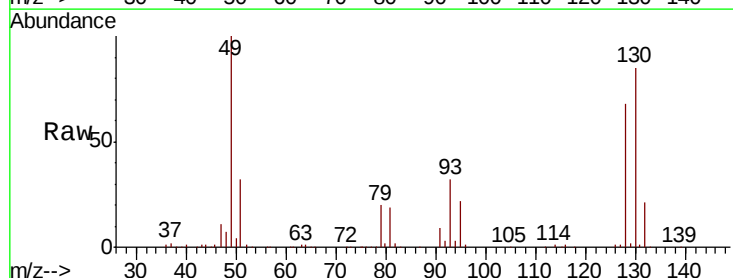
Ion Ratio Lower Upper

128 100

49 146.4 107.5 199.7

130 125.0 87.7 162.9

51 47.2 38.8 58.2



Abundance Ion 128.00 (127.70 to 128.70): VV015393.D (-898) (-)

Ion 49.00 (48.70 to 49.70): VV015393.D (-898) (-)

Ion 130.00 (129.70 to 130.70): VV015393.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VV015393.D (-898) (-)

120000

100000

80000

60000

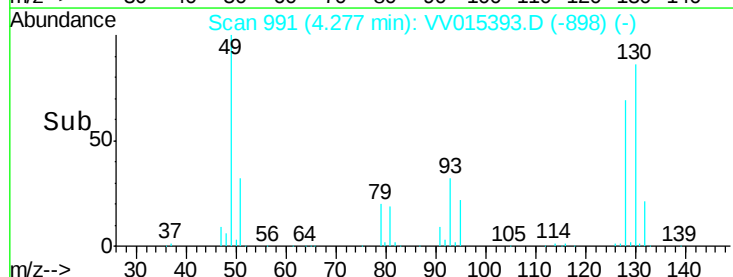
40000

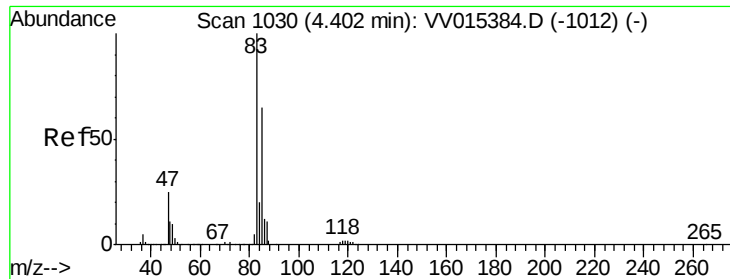
20000

0

Time-->

4.20 4.25 4.30 4.35





#25

Chloroform

Concen: 48.573 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

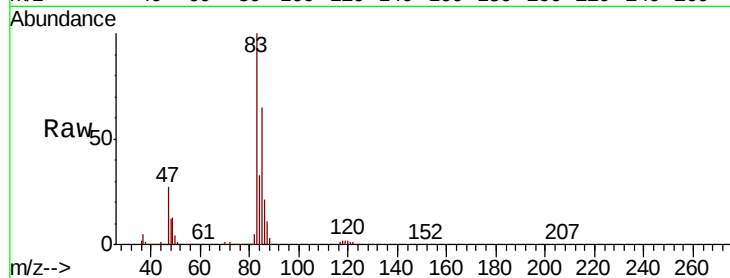
ClientSampleId :

Tot Ion: 83 Resp: 443612

Ion Ratio Lower Upper

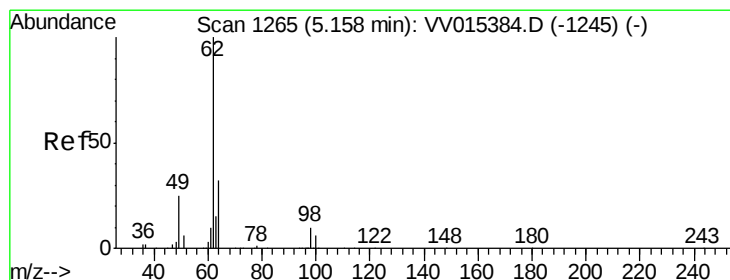
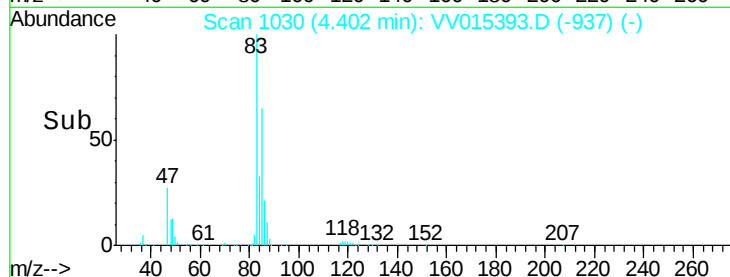
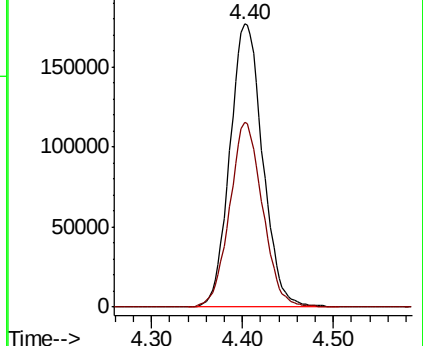
83 100

85 65.5 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 48.858 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VV015393.D

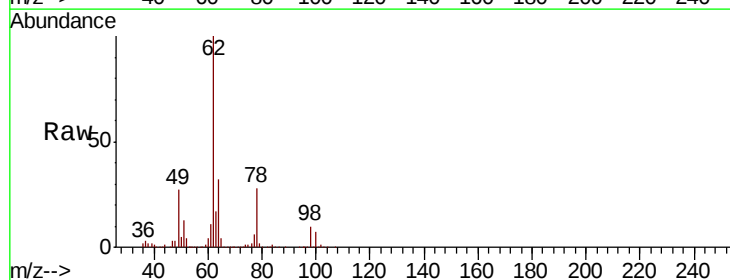
Acq: 03 Apr 2020 00:30

Tgt Ion: 62 Resp: 336081

Ion Ratio Lower Upper

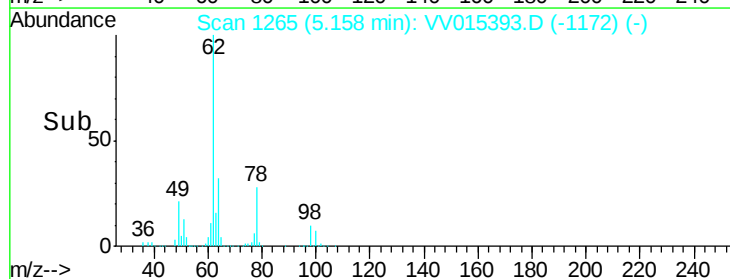
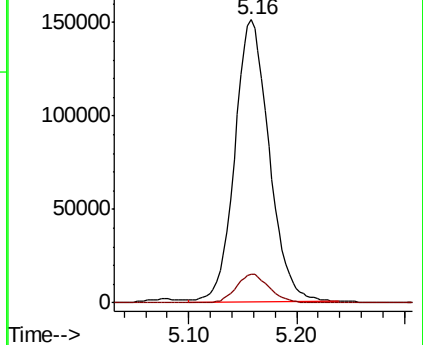
62 100

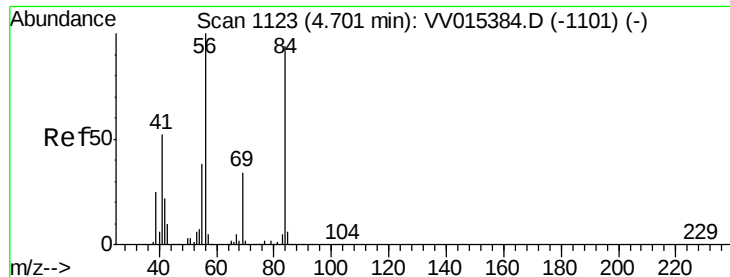
98 10.2 7.9 11.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

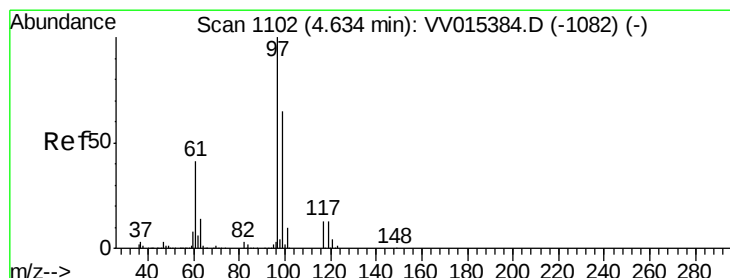
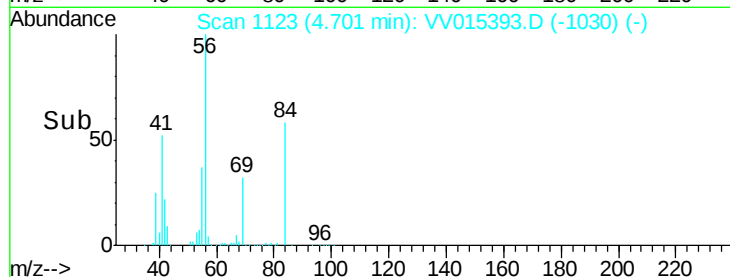
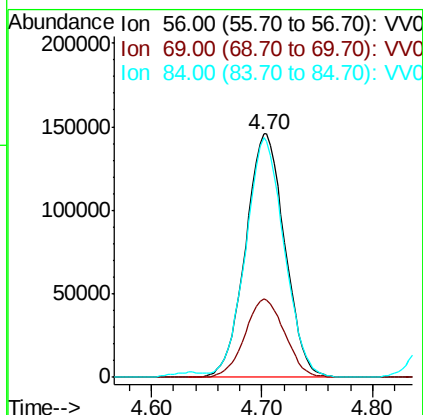
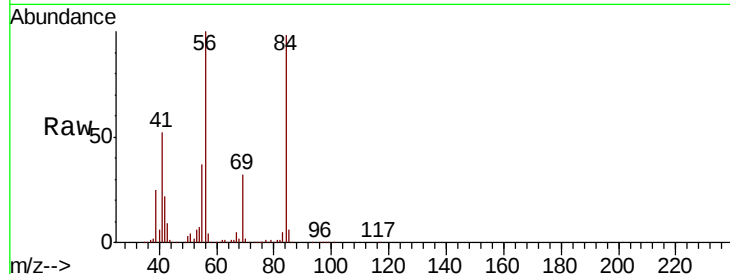




#29
Cyclohexane
Concen: 44.978 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

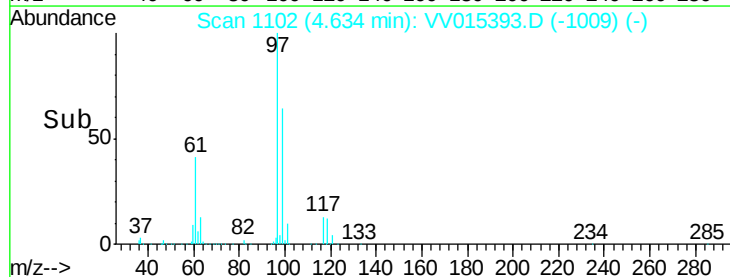
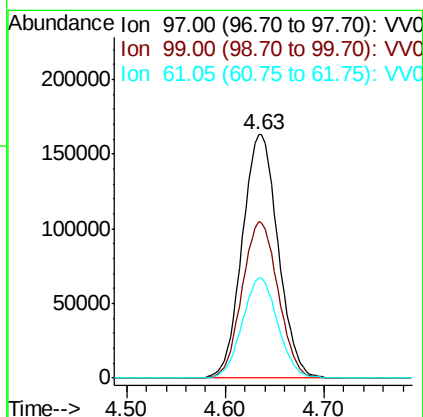
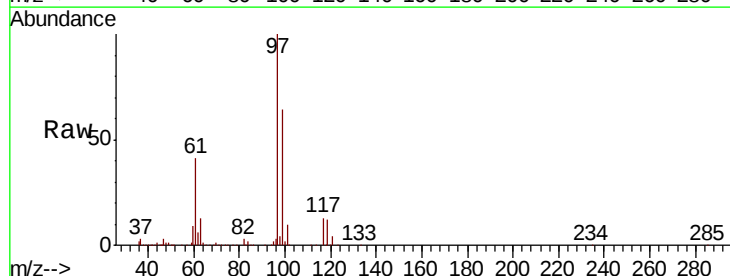
Instrument :
MSVOA_V
ClientSampleId :

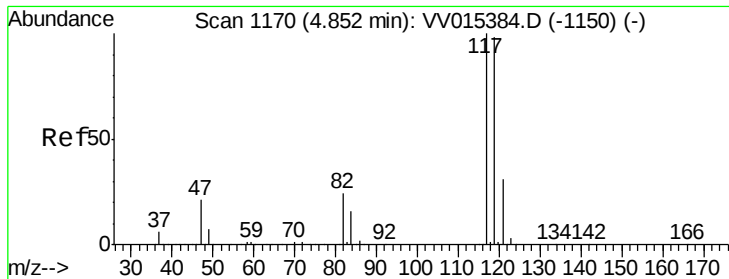
Tot Ion	56	Resp	358470
Ion Ratio	Lower	Upper	
56	100		
69	32.7	25.5	38.3
84	96.9	76.3	114.5



#30
1,1,1-Trichloroethane
Concen: 47.505 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

Tgt Ion	97	Resp	408919
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	40.9	33.4	50.0



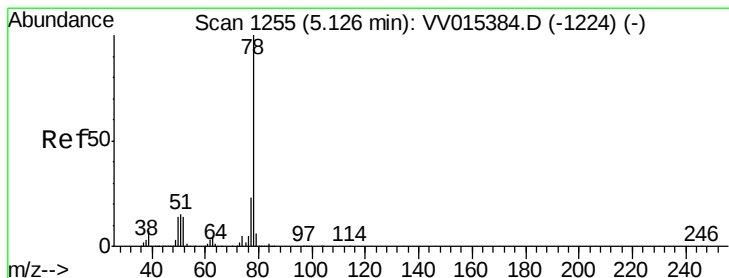
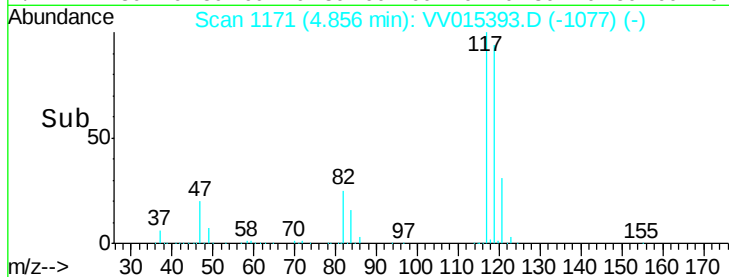
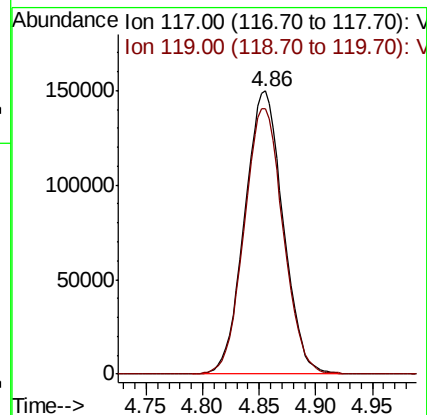
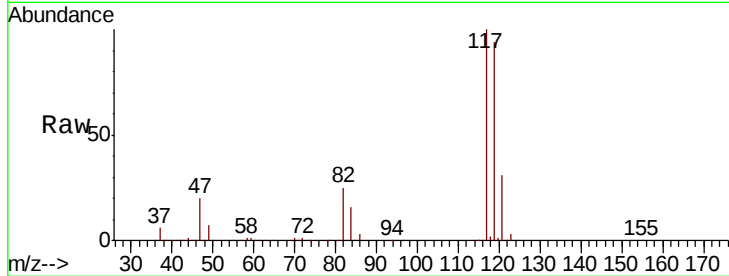


#31

Carbon tetrachloride
 Concen: 47.990 ug/L
 RT: 4.86 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Instrument :
 MSVOA_V
 ClientSampleId :

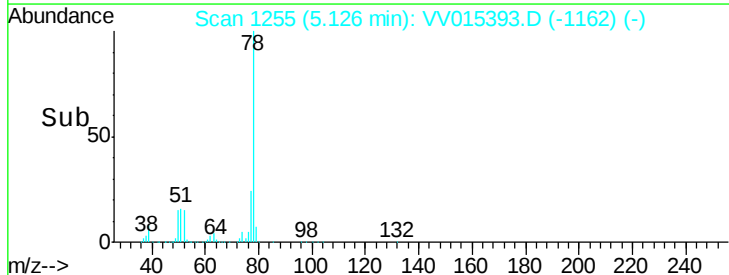
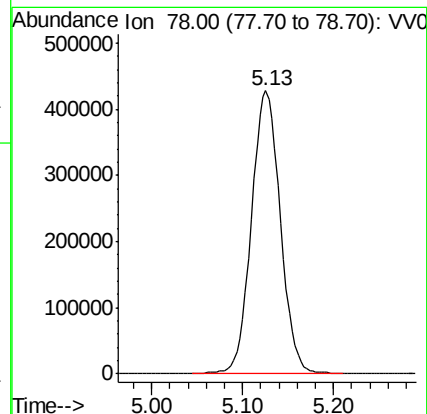
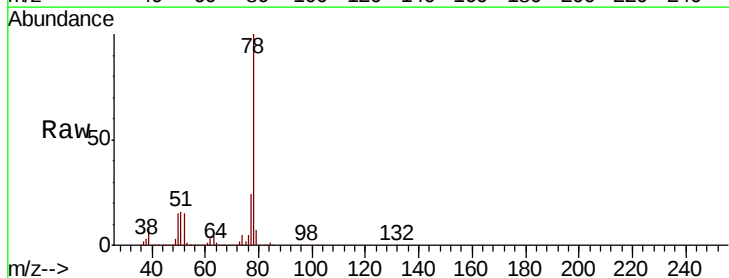
Tot Ion:117 Resp: 353184
 Ion Ratio Lower Upper
 117 100
 119 95.4 76.8 115.2

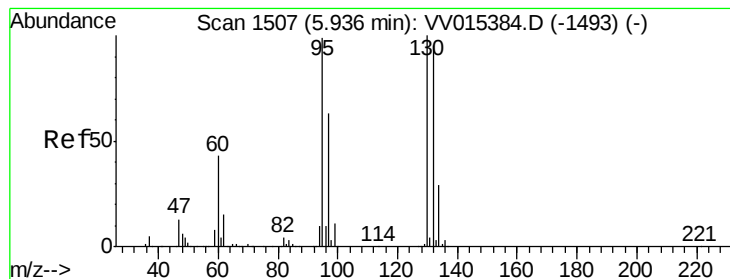


#33

Benzene
 Concen: 47.608 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion: 78 Resp: 943929





#34

Trichloroethene

Concen: 47.775 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 250811

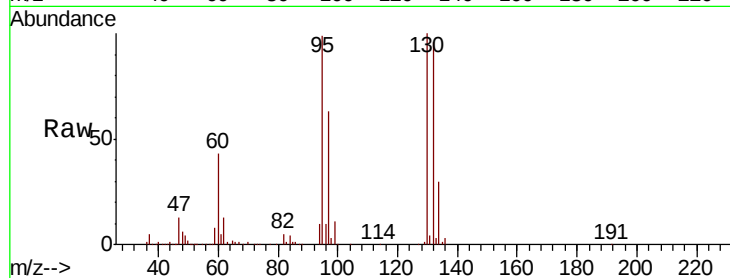
Ion Ratio Lower Upper

95 100

97 63.3 45.4 84.2

132 96.3 66.8 124.2

130 100.6 69.4 128.8

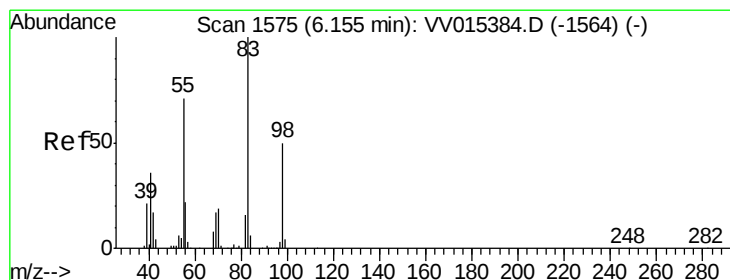
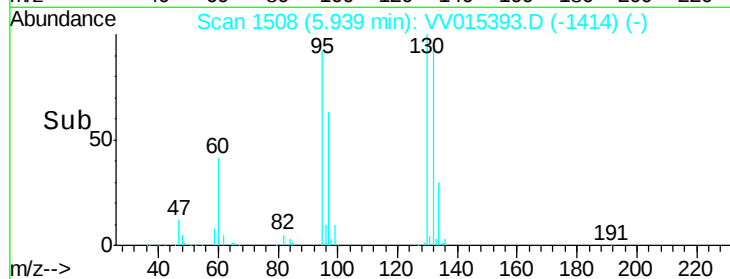
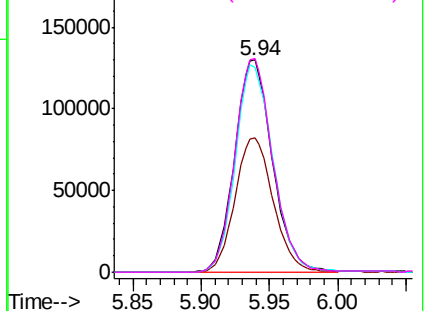


Abundance Ion 95.00 (94.70 to 95.70): VV015393.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV015393.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV015393.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV015393.D (-1414) (-)



#35

Methylcyclohexane

Concen: 45.584 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

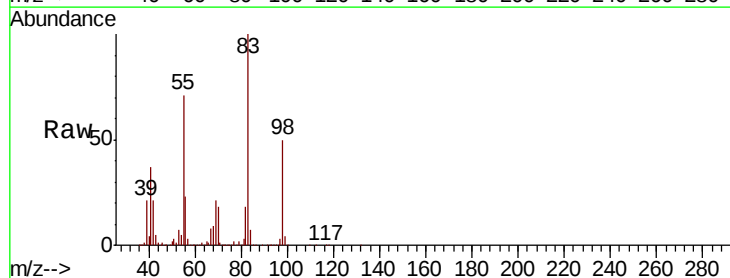
Tgt Ion: 83 Resp: 392068

Ion Ratio Lower Upper

83 100

55 70.7 57.9 86.9

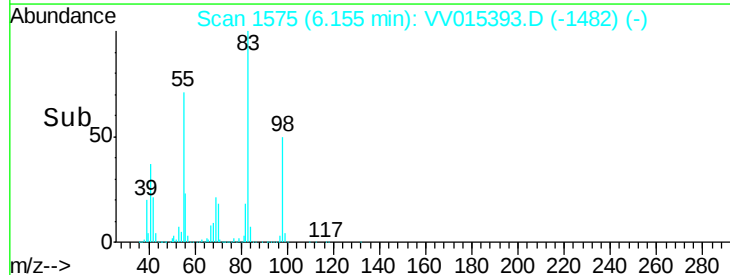
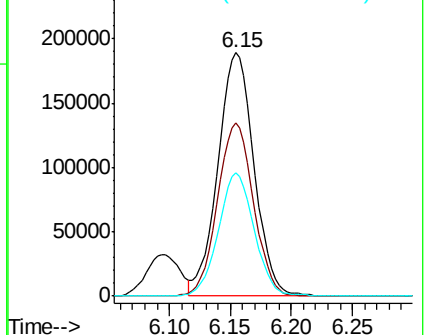
98 50.1 40.0 60.0

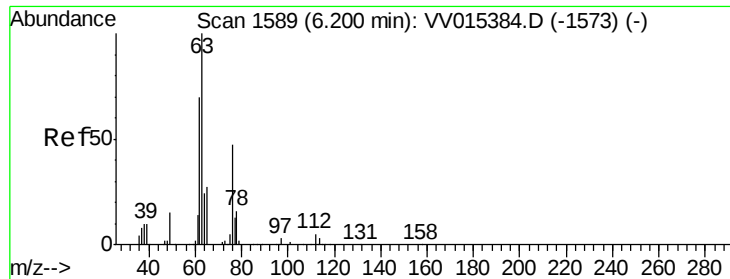


Abundance Ion 83.00 (82.70 to 83.70): VV015393.D (-1482) (-)

Ion 55.00 (54.70 to 55.70): VV015393.D (-1482) (-)

Ion 98.00 (97.70 to 98.70): VV015393.D (-1482) (-)





#37

1,2-Dichloropropane

Concen: 47.614 ug/L

RT: 6.20 min Scan# 1589

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

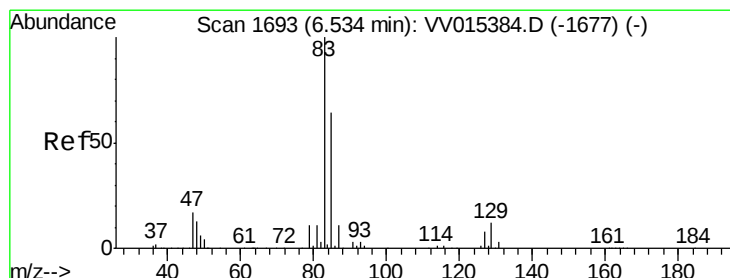
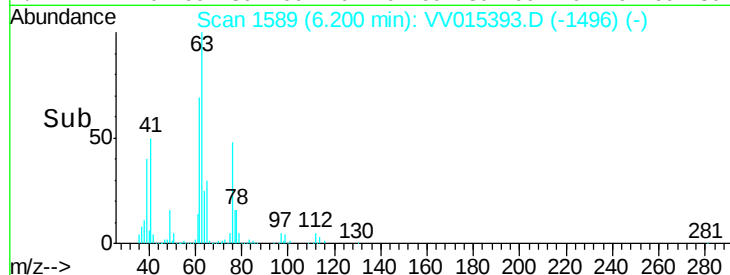
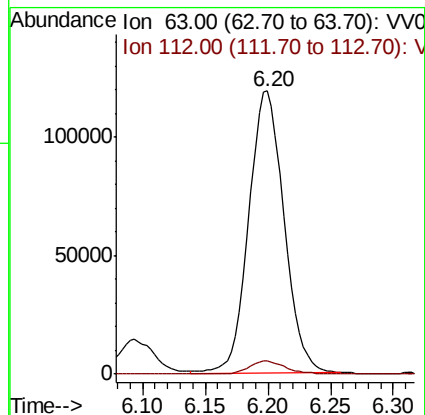
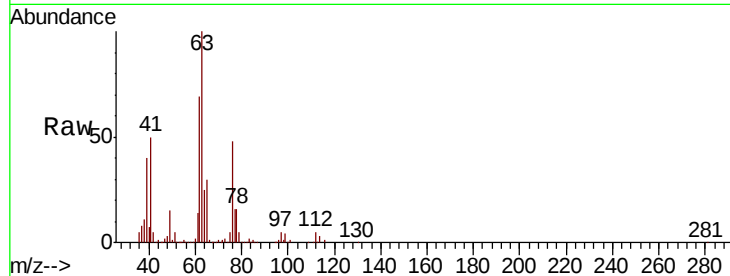
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 231697

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 46.978 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

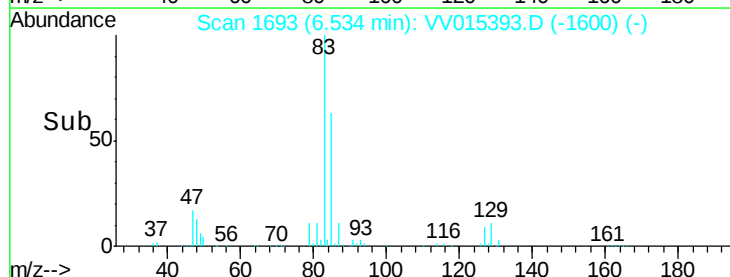
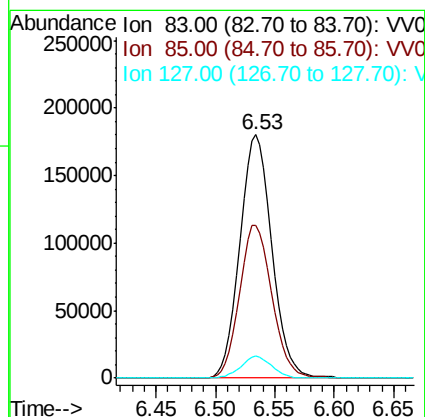
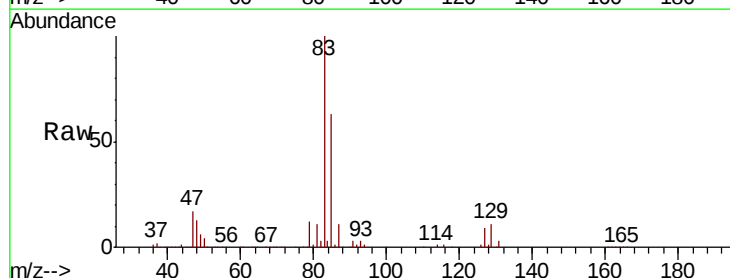
Tgt Ion: 83 Resp: 335139

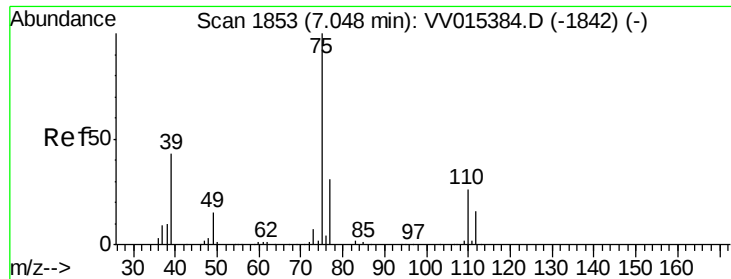
Ion Ratio Lower Upper

83 100

85 62.9 43.5 80.9

127 8.9 6.6 10.0

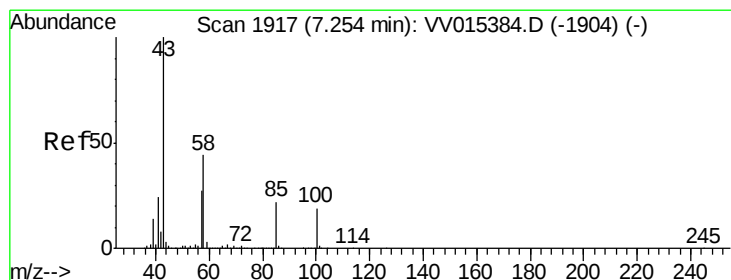
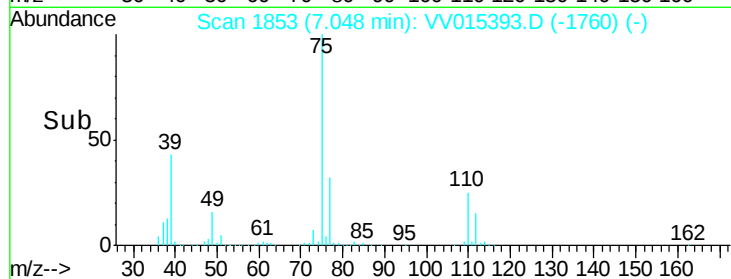
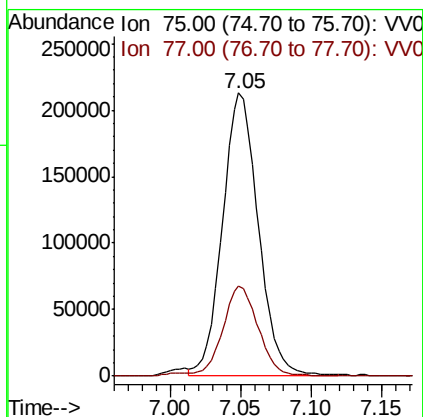
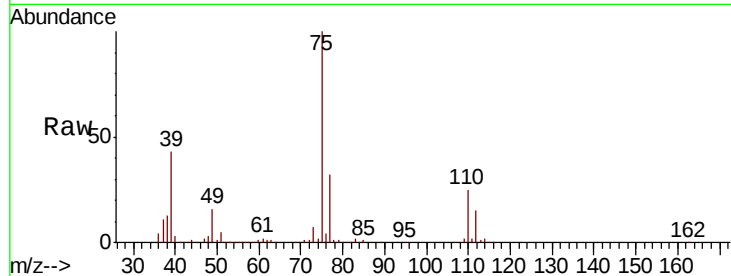




#39
 cis-1,3-Dichloropropene
 Concen: 46.075 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

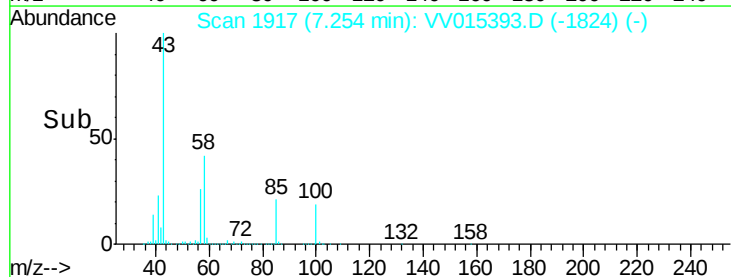
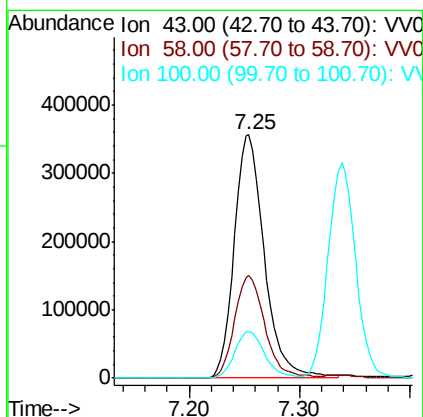
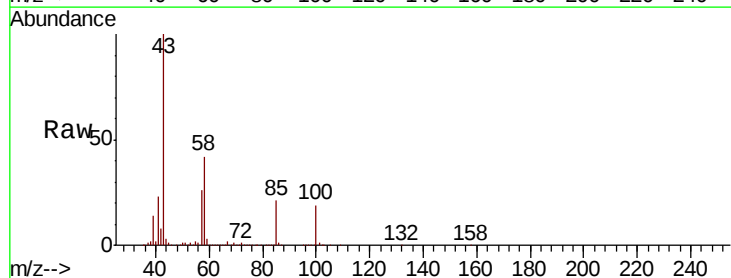
Instrument :
 MSVOA_V
 ClientSampleId :

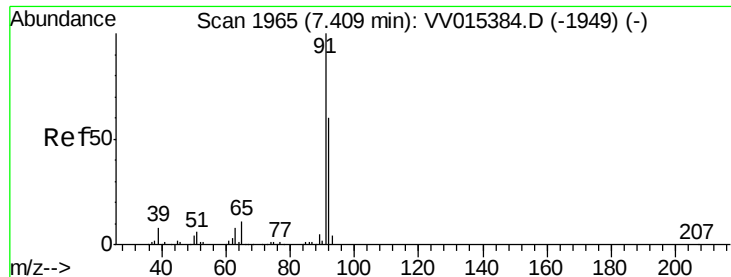
Tot Ion: 75 Resp: 376782
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 98.543 ug/L
 RT: 7.25 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion: 43 Resp: 674112
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.3 49.9
 100 19.0 14.6 22.0





#42

Toluene

Concen: 47.698 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

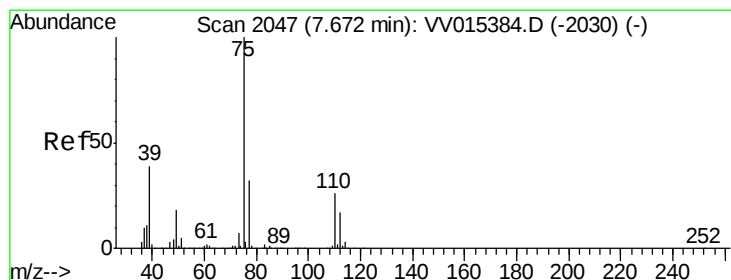
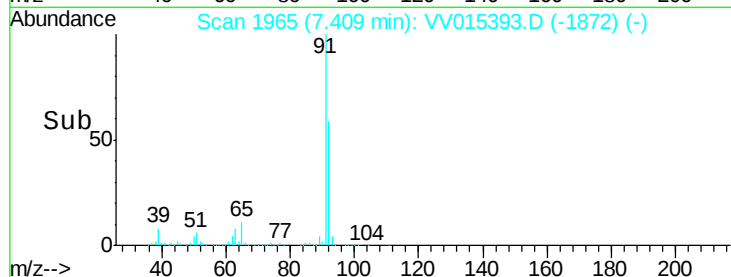
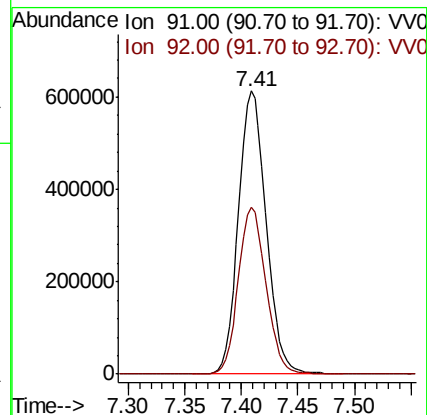
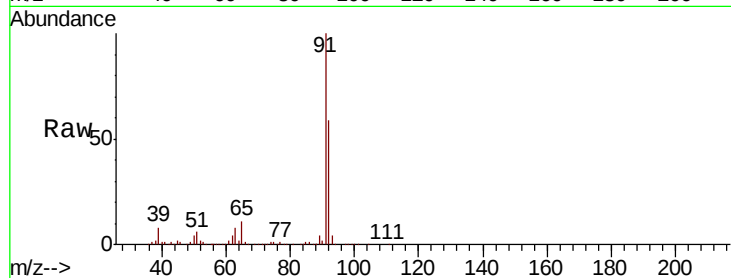
ClientSampleId :

Tot Ion: 91 Resp: 1051014

Ion Ratio Lower Upper

91 100

92 59.0 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 46.351 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV015393.D

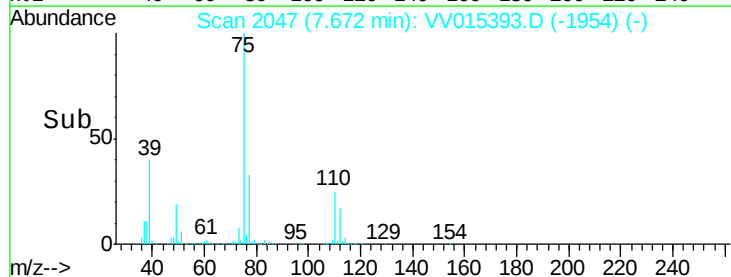
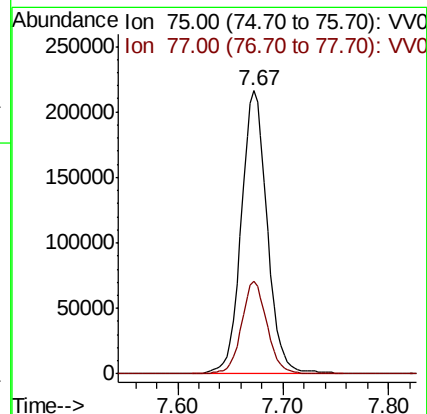
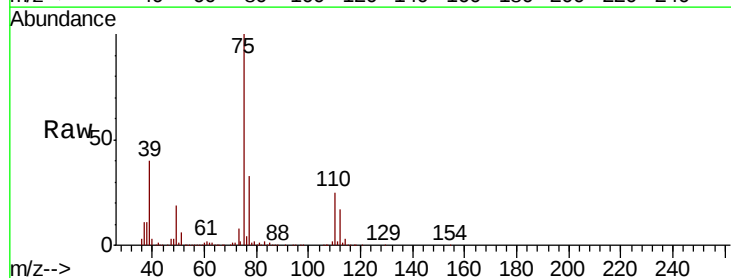
Acq: 03 Apr 2020 00:30

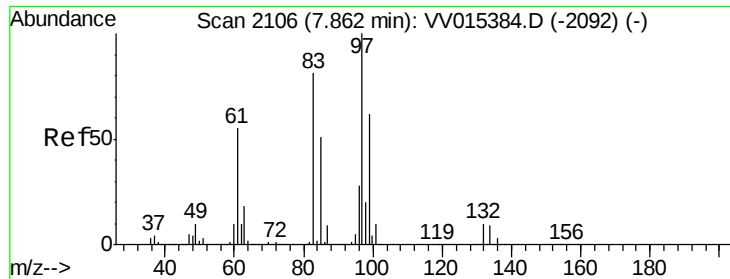
Tgt Ion: 75 Resp: 368322

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.7

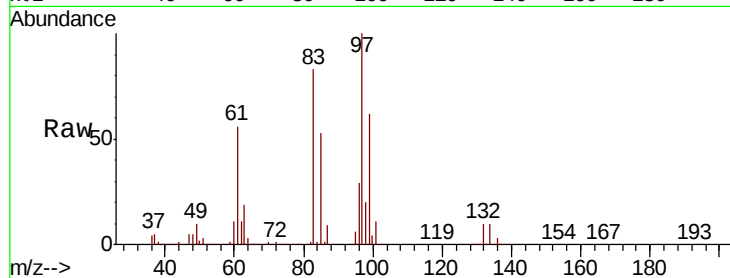




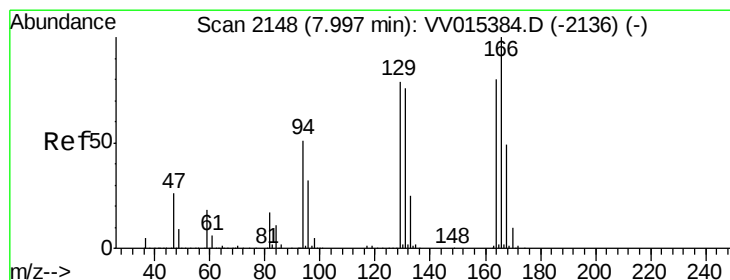
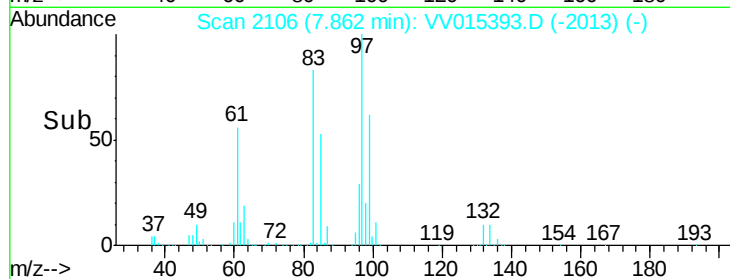
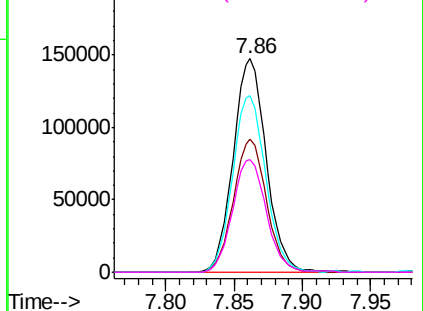
#45
 1,1,2-Trichloroethane
 Concen: 48.344 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 248076
 Ion Ratio Lower Upper
 97 100
 99 62.1 43.5 80.7
 83 82.6 57.3 106.5
 85 52.9 37.7 70.1

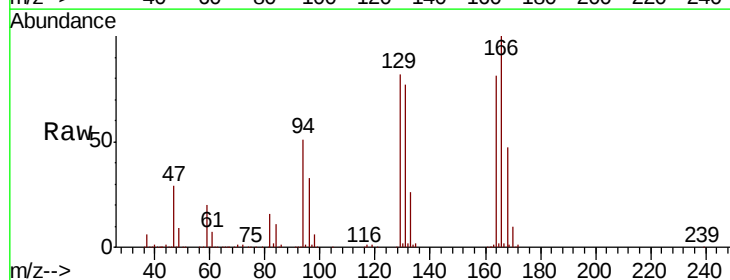


Abundance Ion 97.00 (96.70 to 97.70): VV015393.D (-2013) (-)
 Ion 99.00 (98.70 to 99.70): VV015393.D (-2013) (-)
 Ion 83.00 (82.70 to 83.70): VV015393.D (-2013) (-)
 Ion 85.00 (84.70 to 85.70): VV015393.D (-2013) (-)

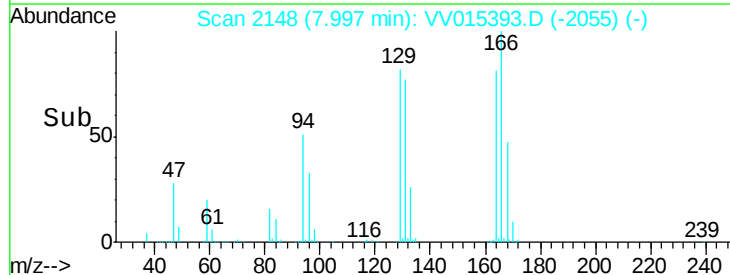
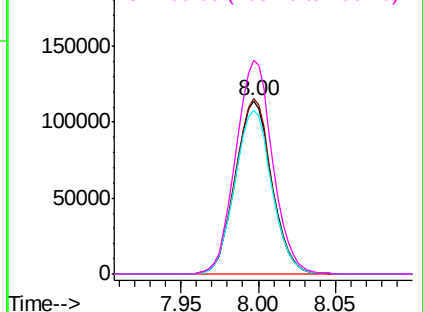


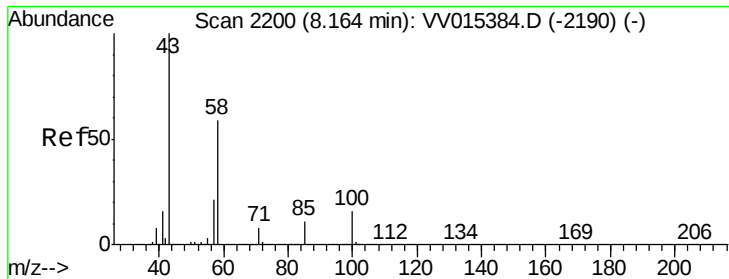
#46
 Tetrachloroethene
 Concen: 49.434 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion: 164 Resp: 186055
 Ion Ratio Lower Upper
 164 100
 129 101.4 73.8 137.0
 131 94.9 69.4 129.0
 166 123.4 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): VV015393.D (-2055) (-)
 Ion 129.00 (128.70 to 129.70): VV015393.D (-2055) (-)
 Ion 131.00 (130.70 to 131.70): VV015393.D (-2055) (-)
 Ion 166.00 (165.70 to 166.70): VV015393.D (-2055) (-)

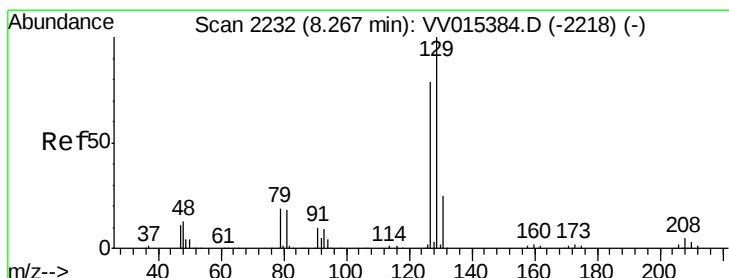
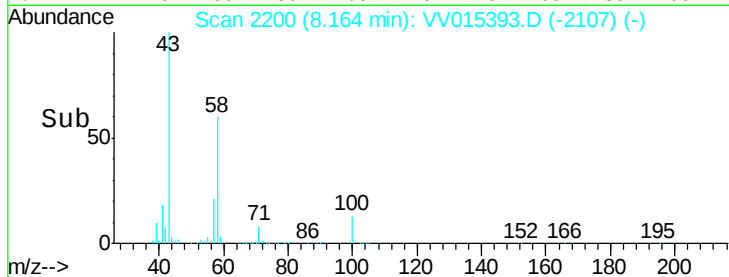
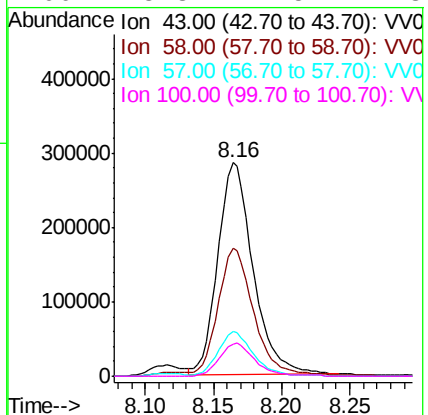
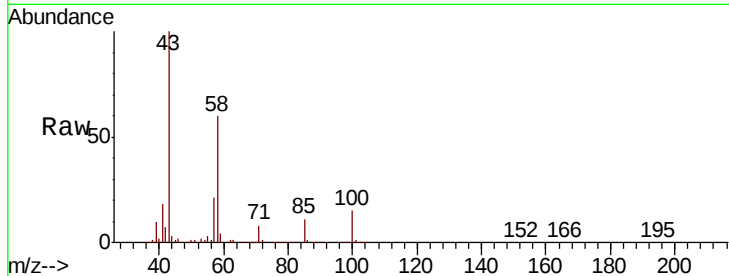




#48
2-Hexanone
Concen: 99.374 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

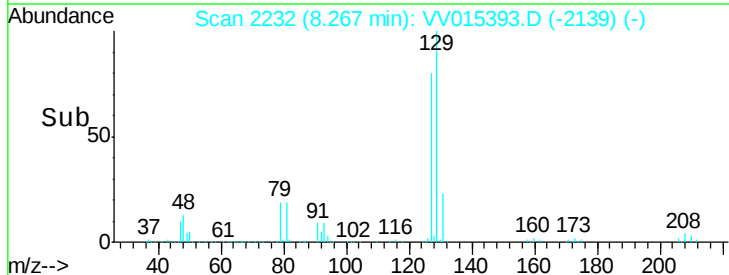
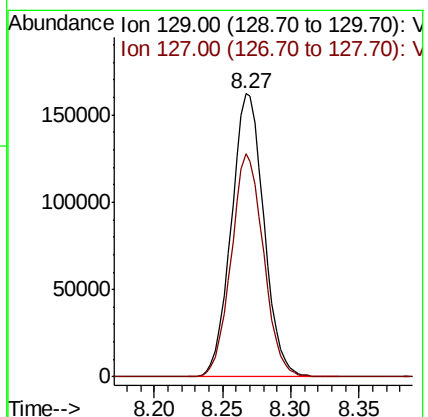
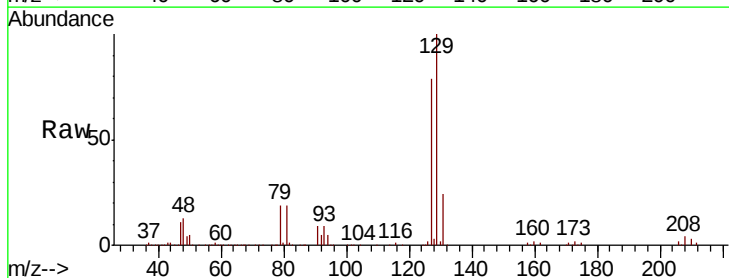
Instrument :
MSVOA_V
ClientSampled :

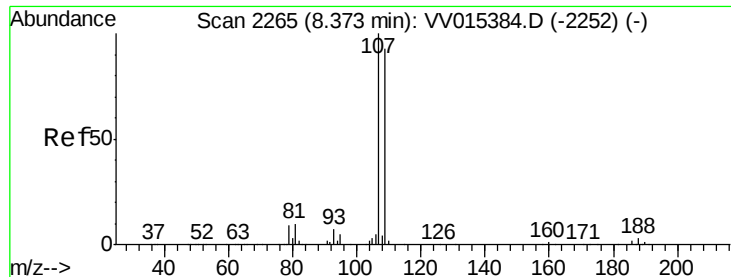
Tot Ion: 43 Resp: 514775
Ion Ratio Lower Upper
43 100
58 59.5 47.4 71.2
57 20.6 16.7 25.1
100 15.3 11.5 17.3



#49
Dibromochloromethane
Concen: 47.883 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

Tgt Ion: 129 Resp: 269086
Ion Ratio Lower Upper
129 100
127 78.6 55.2 102.6

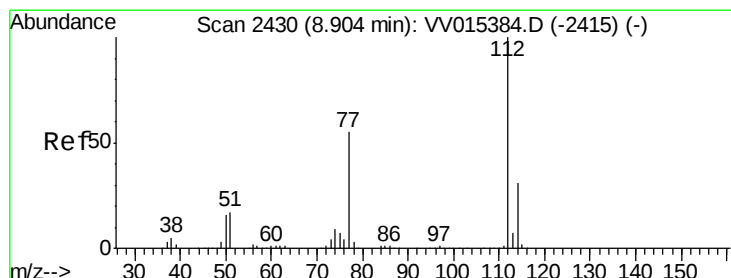
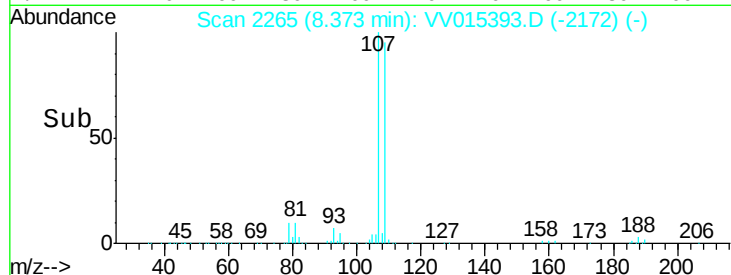
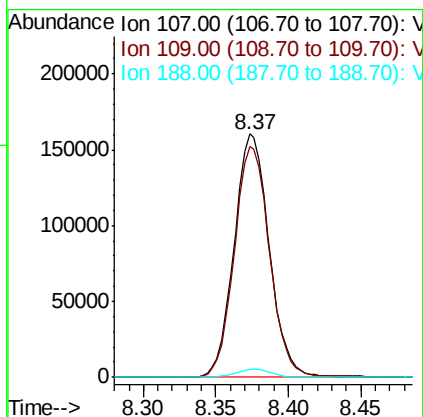
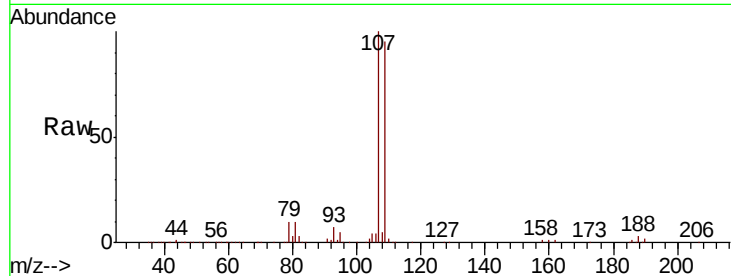




#50
 1,2-Dibromoethane
 Concen: 49.146 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

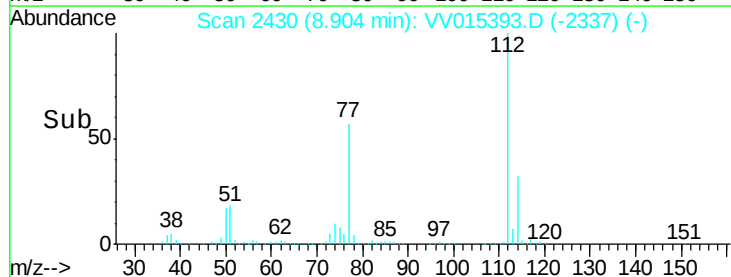
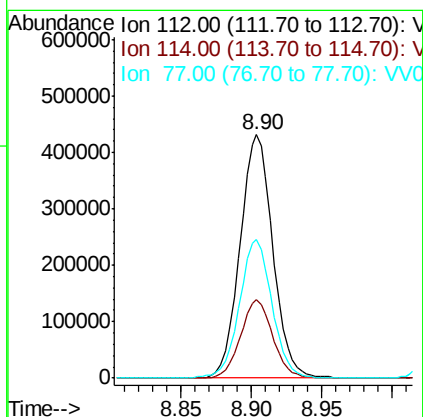
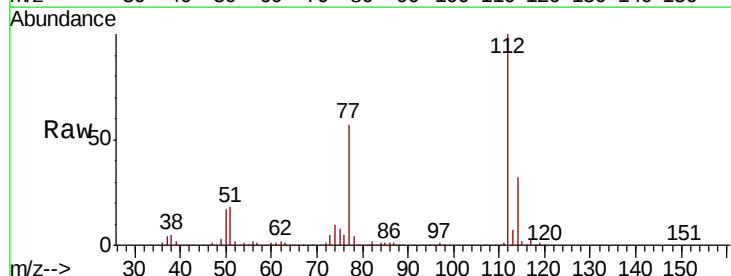
Instrument :
 MSVOA_V
 ClientSampleId :

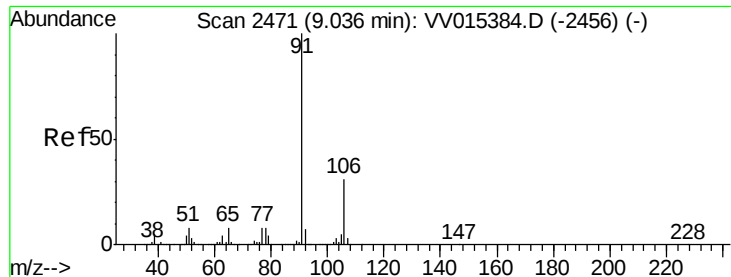
Tot Ion	107	Resp	269204
Ion Ratio	Lower	Upper	
107	100		
109	94.9	65.0	120.8
188	3.3	2.4	3.6



#51
 Chlorobenzene
 Concen: 48.644 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion	112	Resp	702502
Ion Ratio	Lower	Upper	
112	100		
114	32.0	21.8	40.4
77	56.8	46.2	69.2





#52

Ethylbenzene

Concen: 47.757 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

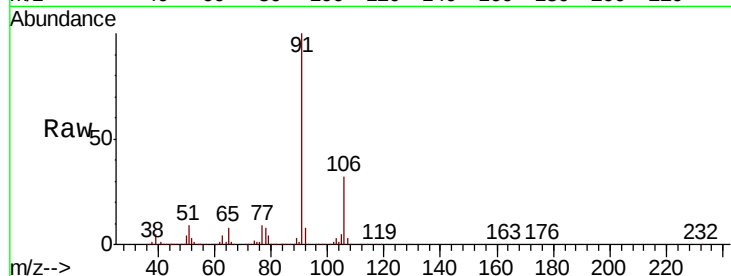
ClientSampleId :

Tot Ion: 91 Resp: 1181134

Ion Ratio Lower Upper

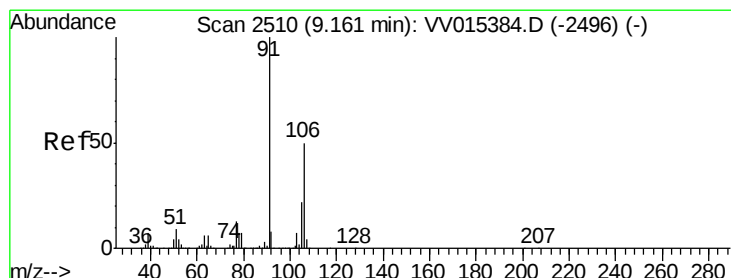
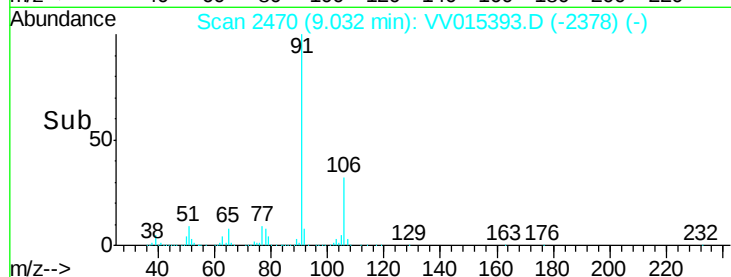
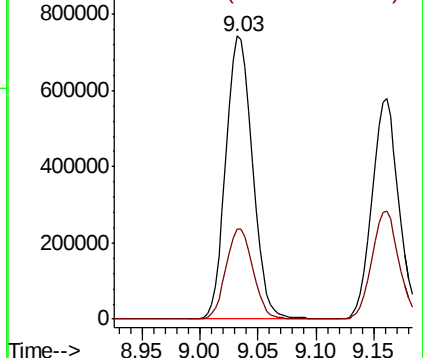
91 100

106 31.7 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V



#53

m,p-Xylene

Concen: 48.716 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV015393.D

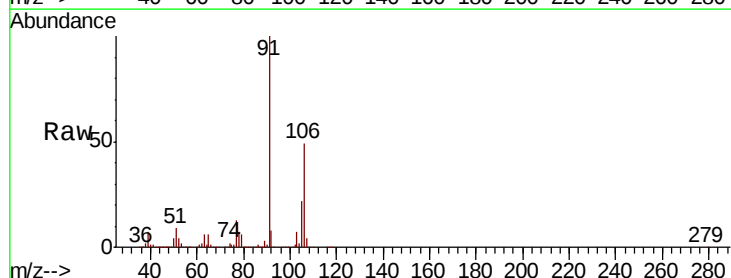
Acq: 03 Apr 2020 00:30

Tgt Ion: 106 Resp: 463949

Ion Ratio Lower Upper

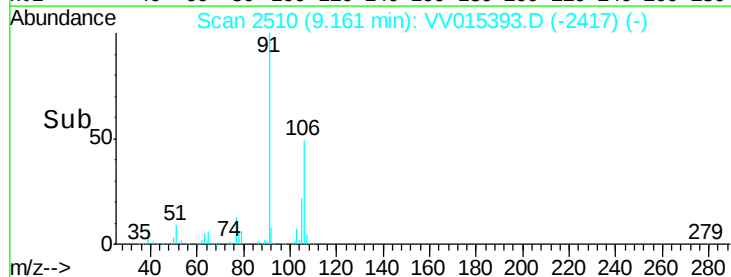
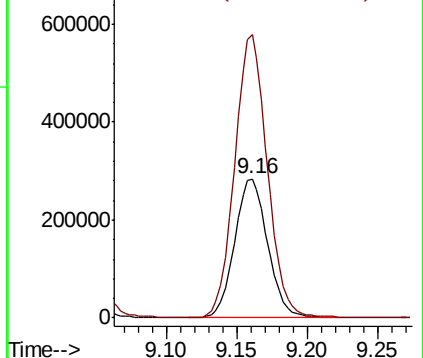
106 100

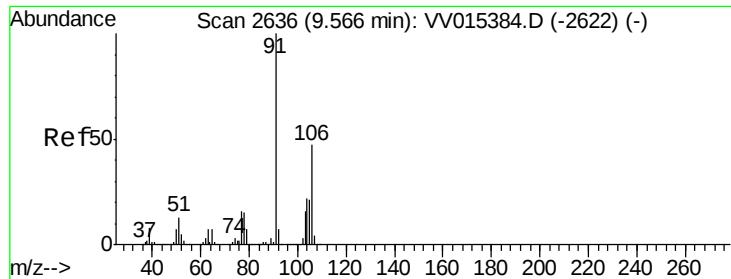
91 203.2 139.7 259.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

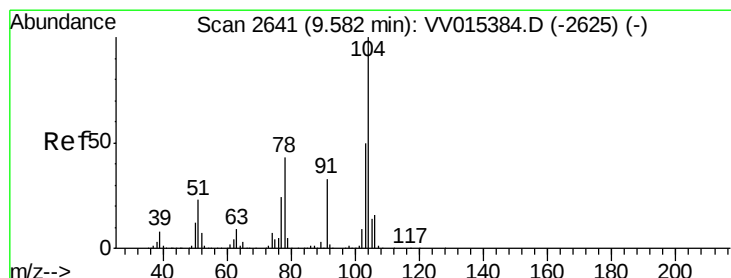
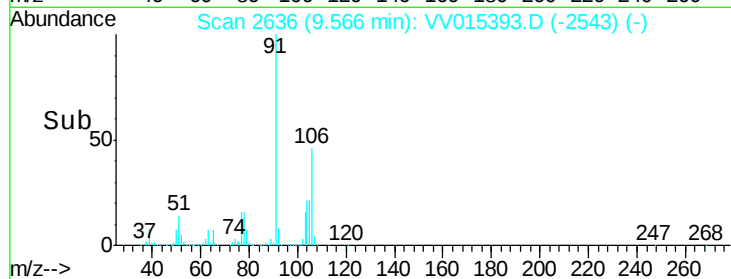
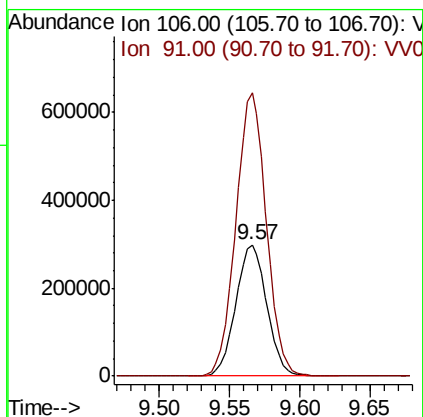
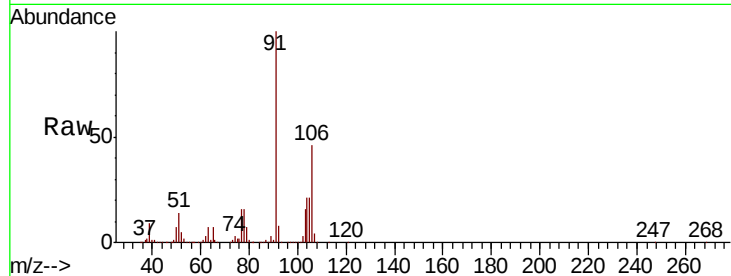




#54
o-xylene
Concen: 48.257 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

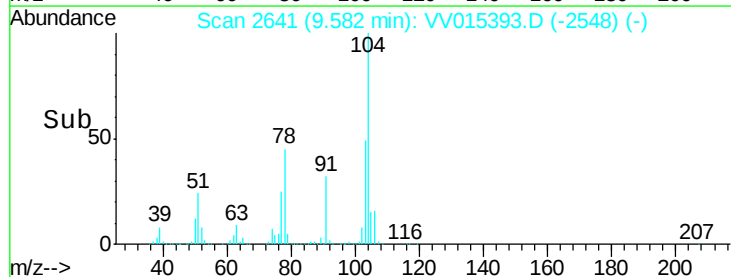
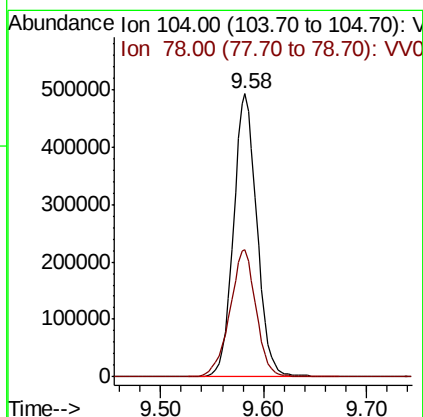
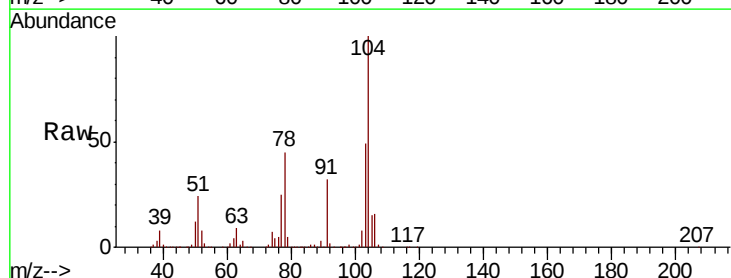
Instrument :
MSVOA_V
ClientSampleId :

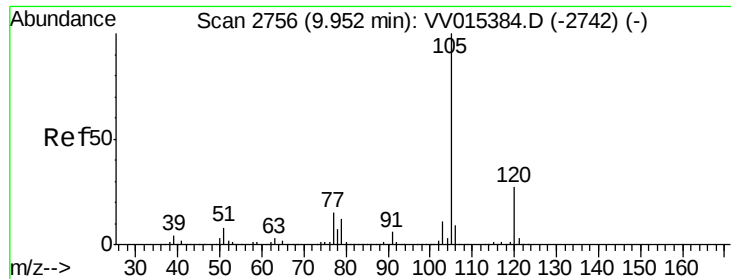
Tot Ion:106 Resp: 460345
Ion Ratio Lower Upper
106 100
91 215.7 148.0 274.8



#55
Styrene
Concen: 49.224 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

Tgt Ion:104 Resp: 780842
Ion Ratio Lower Upper
104 100
78 44.8 31.5 58.5

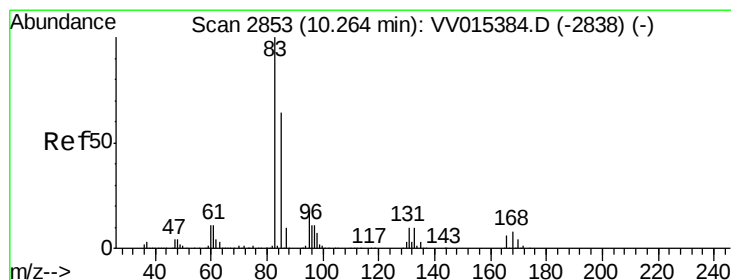
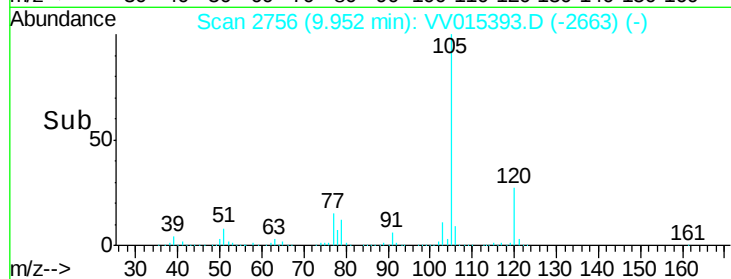
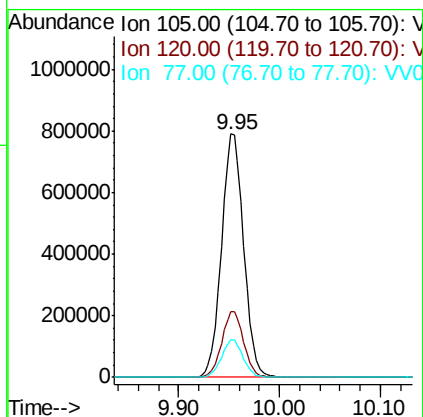
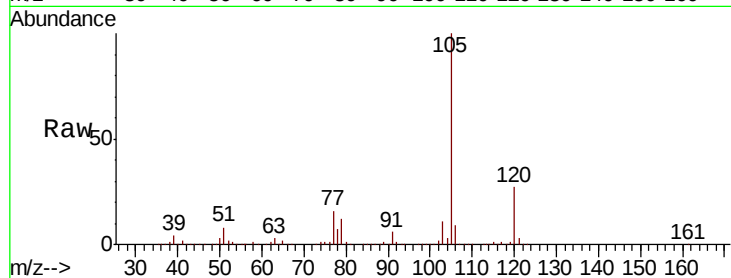




#56
Isopropylbenzene
Concen: 49.043 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

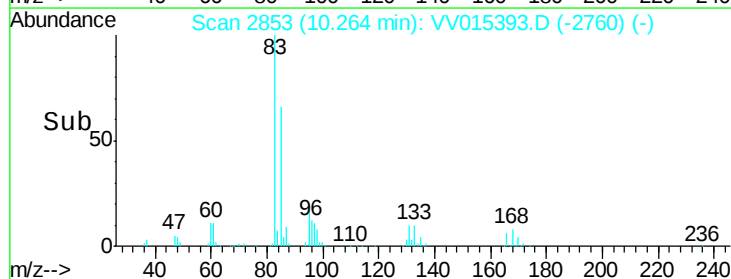
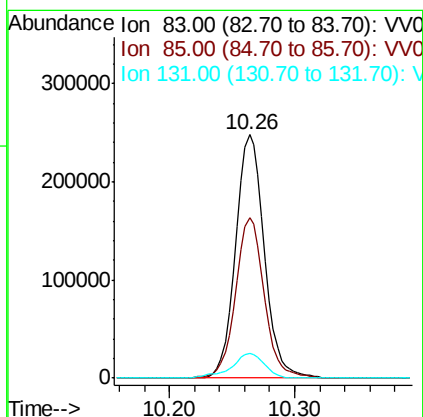
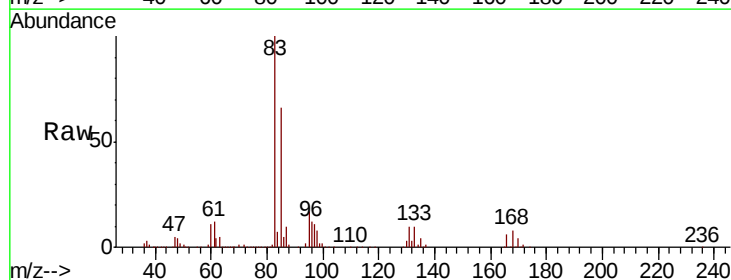
Instrument :
MSVOA_V
ClientSampled :

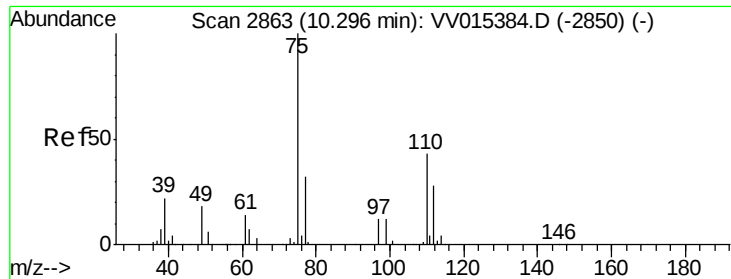
Tot Ion:105 Resp: 1211894
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.2 12.4 18.6



#58
1,1,2,2-Tetrachloroethane
Concen: 47.846 ug/L
RT: 10.26 min Scan# 2853
Delta R.T. -0.00 min
Lab File: VV015393.D
Acq: 03 Apr 2020 00:30

Tgt Ion: 83 Resp: 394165
Ion Ratio Lower Upper
83 100
85 66.1 45.4 84.4
131 10.2 8.0 12.0

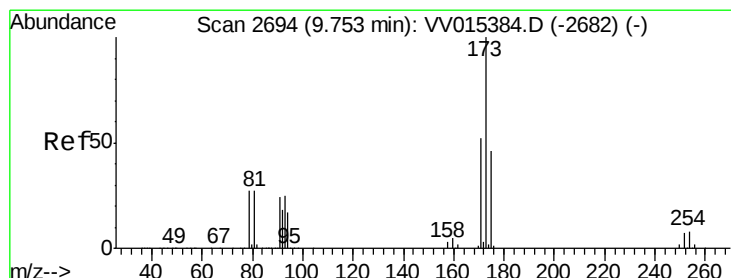
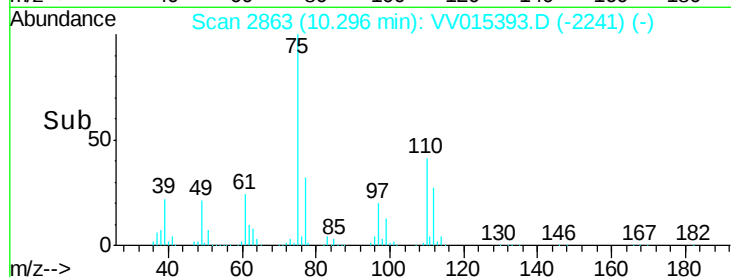
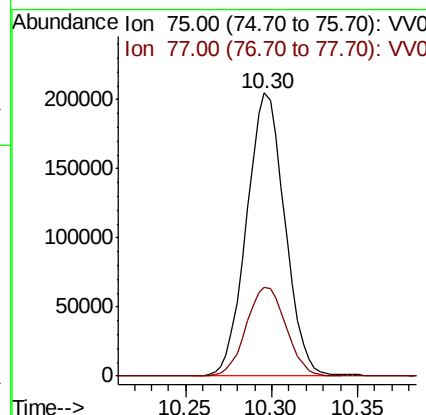
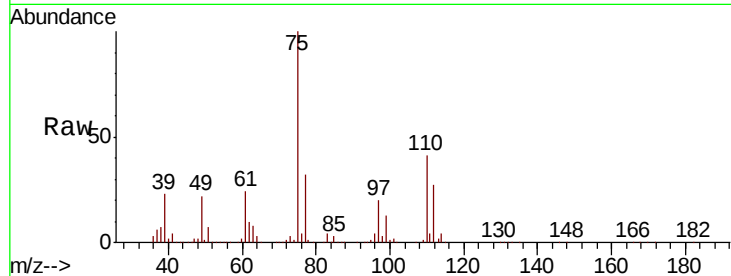




#59
 1,2,3-Trichloropropane
 Concen: 48.099 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

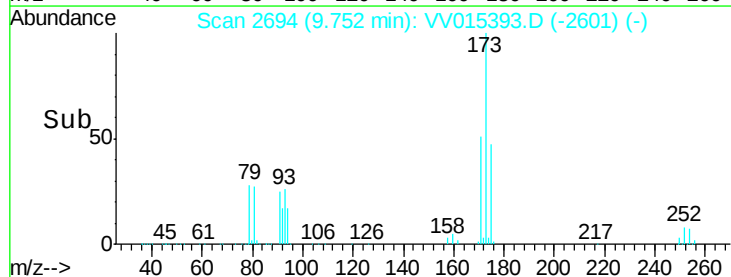
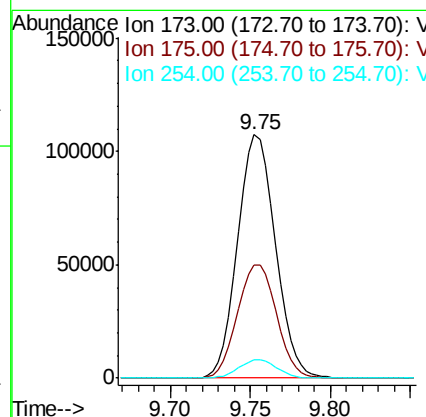
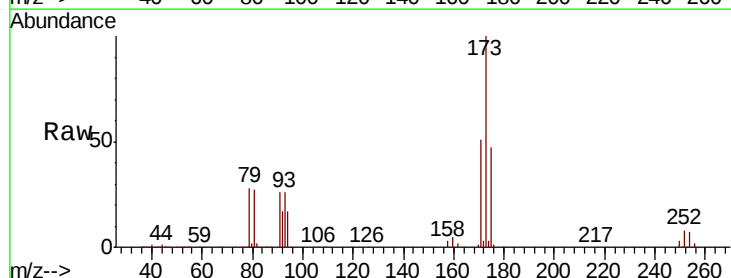
Instrument :
 MSVOA_V
 ClientSampleId :

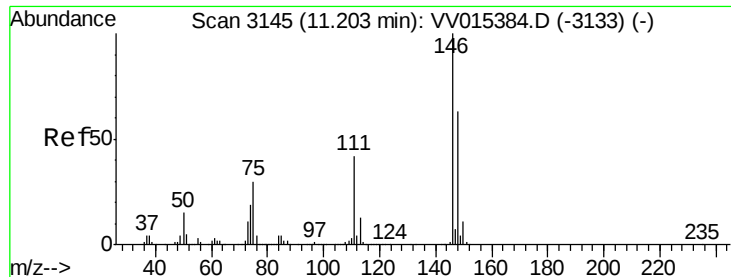
Tot Ion: 75 Resp: 316038
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0



#61
 Bromoform
 Concen: 47.587 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion: 173 Resp: 173224
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.0 58.6
 254 7.6 5.9 8.9

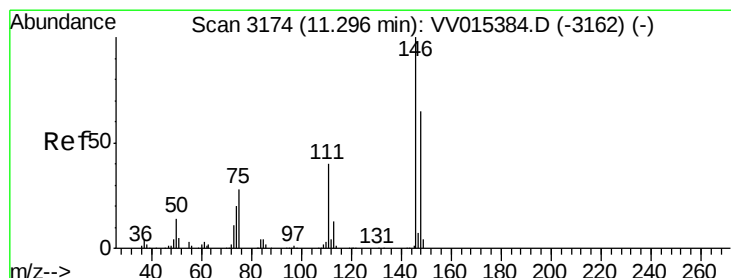
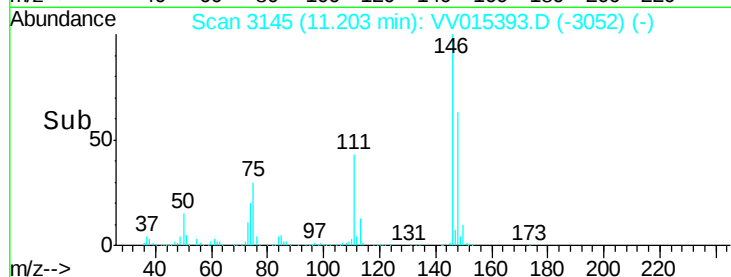
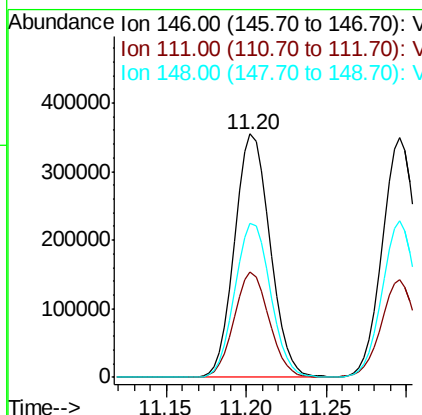
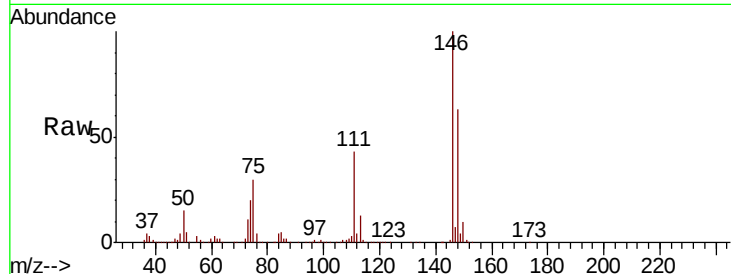




#62
 1,3-Dichlorobenzene
 Concen: 48.829 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

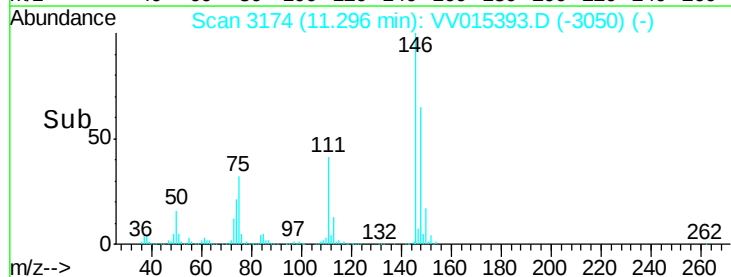
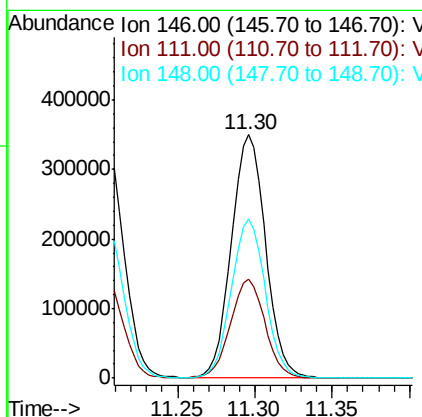
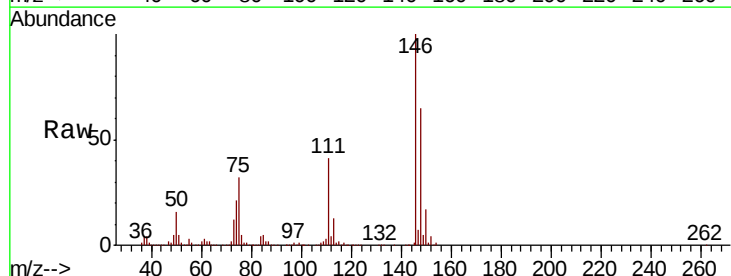
Instrument :
 MSVOA_V
 ClientSampleId :

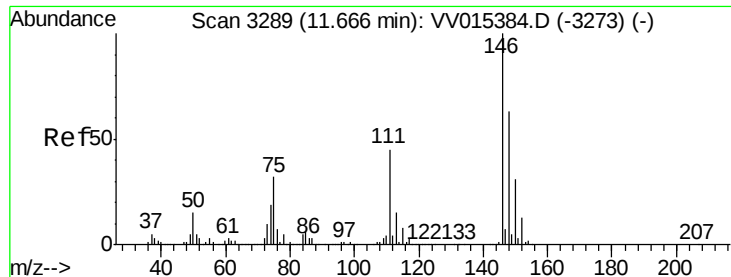
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	30.2	56.2
148	63.0	44.7	83.1



#63
 1,4-Dichlorobenzene
 Concen: 47.962 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	29.3	54.5
148	65.1	44.7	82.9





#65

1,2-Dichlorobenzene

Concen: 48.508 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

ClientSampleId :

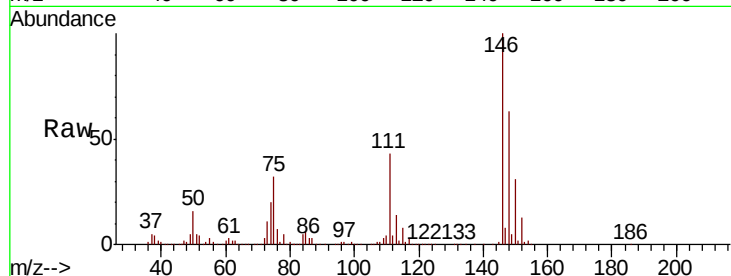
Tot Ion:146 Resp: 542811

Ion Ratio Lower Upper

146 100

111 43.4 35.1 52.7

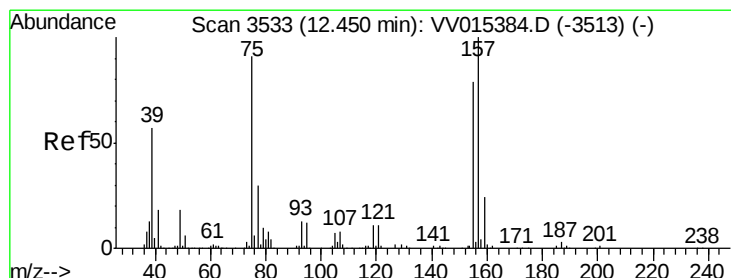
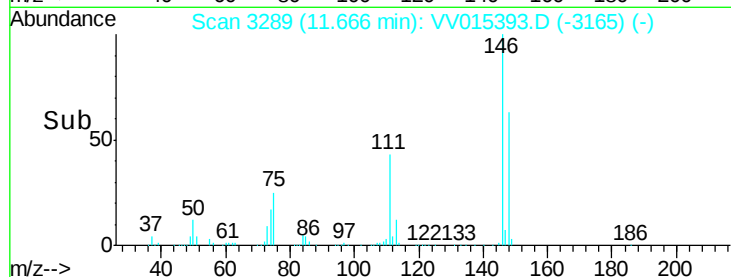
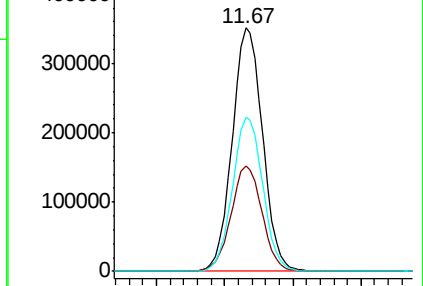
148 63.2 51.0 76.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 47.261 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

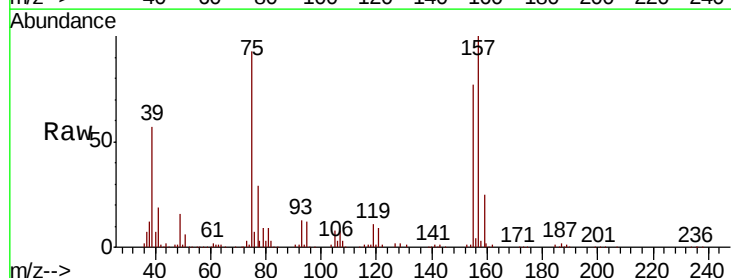
Tgt Ion: 75 Resp: 104426

Ion Ratio Lower Upper

75 100

155 82.4 64.5 96.7

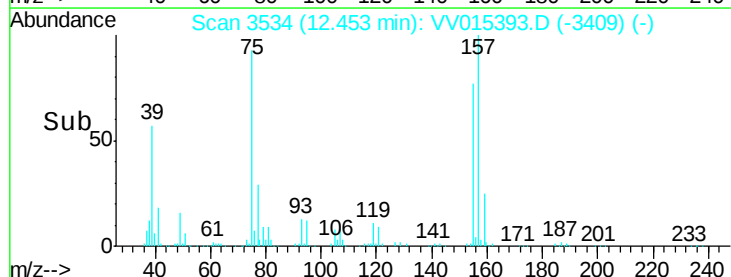
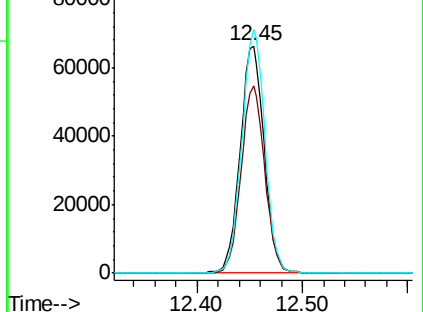
157 107.1 79.8 119.6

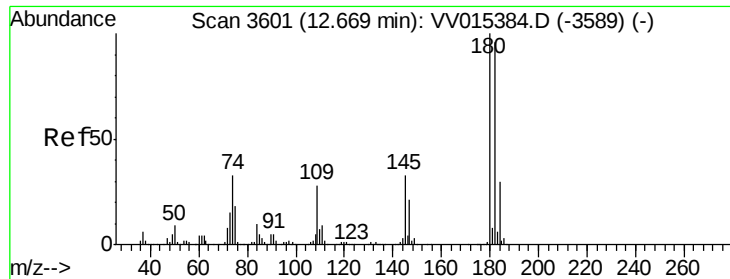


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

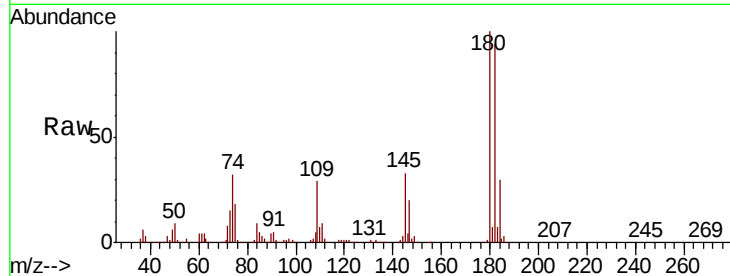




#67
 1,3,5-Trichlorobenzene
 Concen: 48.966 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	74.7	112.1
184	29.8	23.7	35.5
145	33.6	26.8	40.2

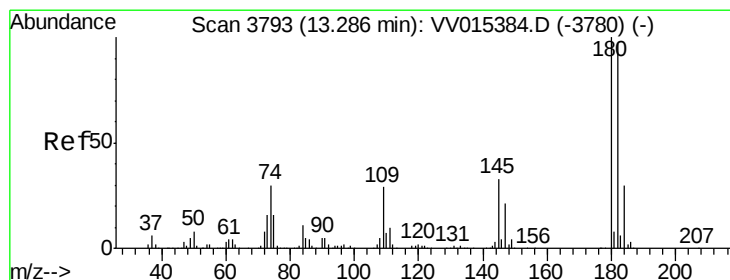
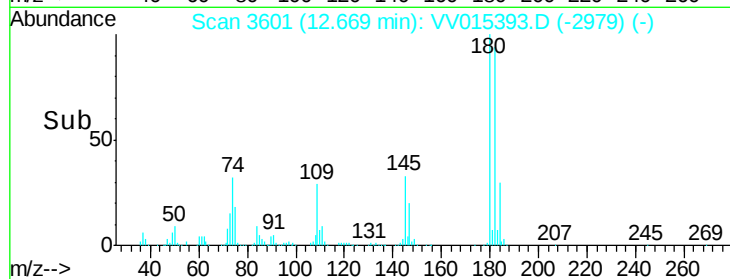
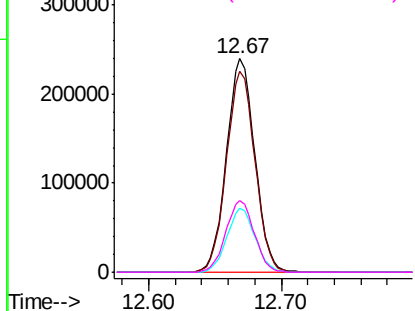


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

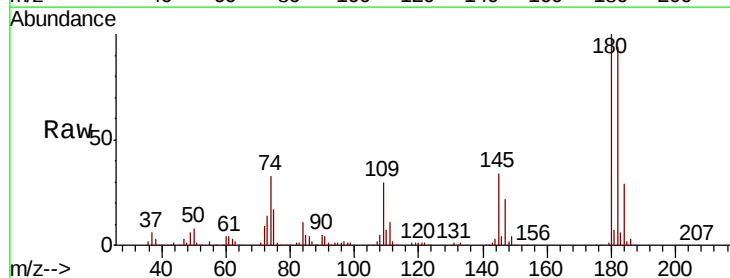
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 50.396 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015393.D
 Acq: 03 Apr 2020 00:30

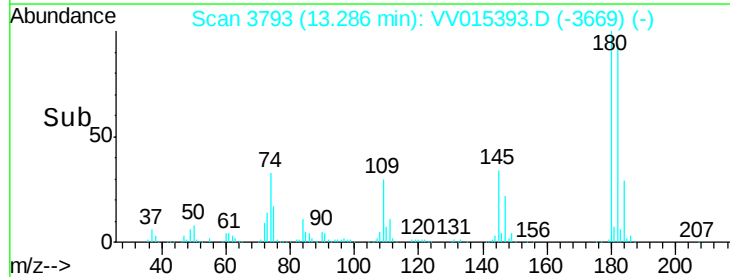
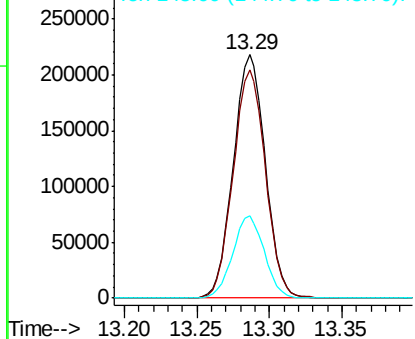
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.8
145	33.5	27.7	41.5

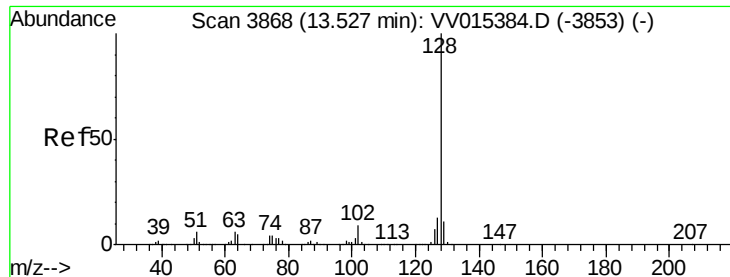


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 51.166 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

Instrument :

MSVOA_V

ClientSampled :

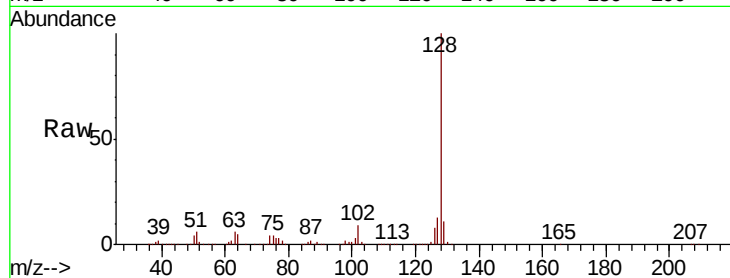
Tot Ion:128 Resp: 1299155

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

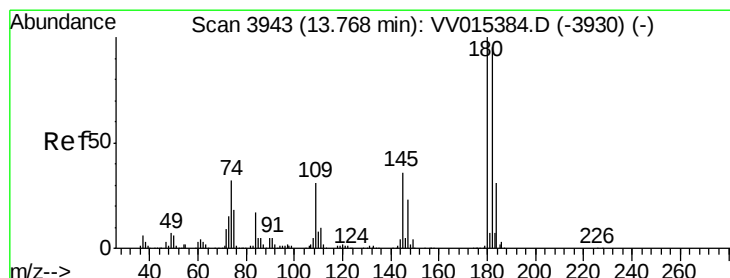
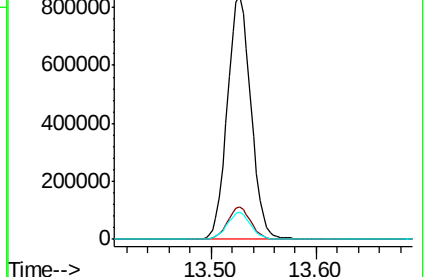
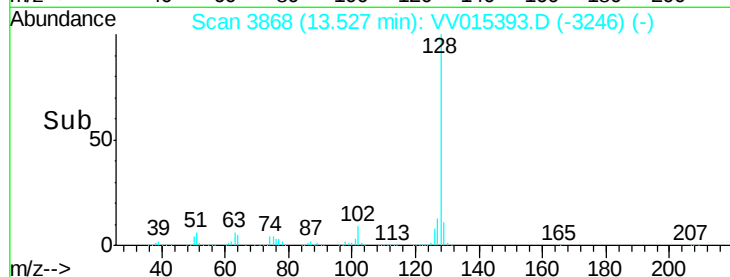
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 50.066 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV015393.D

Acq: 03 Apr 2020 00:30

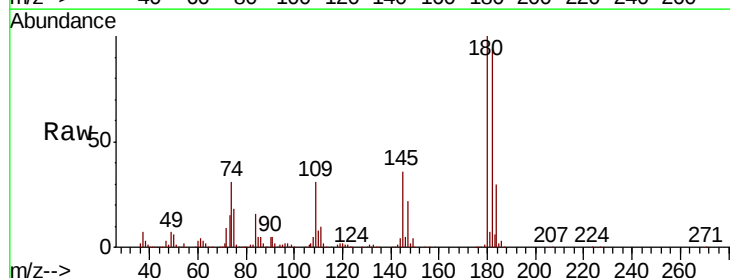
Tgt Ion:180 Resp: 342515

Ion Ratio Lower Upper

180 100

182 94.1 76.1 114.1

145 35.7 28.2 42.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

