

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016434.D
 Acq On : 02 Jun 2020 18:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:25:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373357	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357378	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	136117	51.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.94%
7) Chloroethane-d5	1.58	69	97660	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.32%
11) 1,1-Dichloroethene-d2	2.12	63	243158	51.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.74%
21) 2-Butanone-d5	3.91	46	180080	106.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.38	84	250271	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
26) 1,2-Dichloroethane-d4	5.06	65	170969	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.08	84	498948	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.09	67	155742	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.42%
41) Toluene-d8	7.34	98	463769	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%
43) trans-1,3-Dichloropropene-	7.64	79	77581	53.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.74%
47) 2-Hexanone-d5	8.11	63	138206	108.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	209463	51.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	177018	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	157604	51.162	ug/L	98
3) Chloromethane	1.25	50	151914	51.183	ug/L	98
5) Vinyl chloride	1.32	62	147062	51.281	ug/L	99
6) Bromomethane	1.53	94	77331	51.835	ug/L	100
8) Chloroethane	1.60	64	79360	49.379	ug/L	96
9) Trichlorofluoromethane	1.77	101	211595	51.094	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	112526	52.241	ug/L	99
12) 1,1-Dichloroethene	2.13	96	106155	51.213	ug/L	98
13) Acetone	2.19	43	124409	78.723	ug/L	94
14) Carbon disulfide	2.31	76	367488	51.209	ug/L	100
15) Methyl Acetate	2.45	43	147354	50.730	ug/L	100
16) Methylene chloride	2.52	84	142617	48.804	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	134080	51.266	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	414004	51.132	ug/L	99
19) 1,1-Dichloroethane	3.21	63	246785	51.021	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	144401	51.160	ug/L	95
22) 2-Butanone	3.99	43	194254	99.056	ug/L	95

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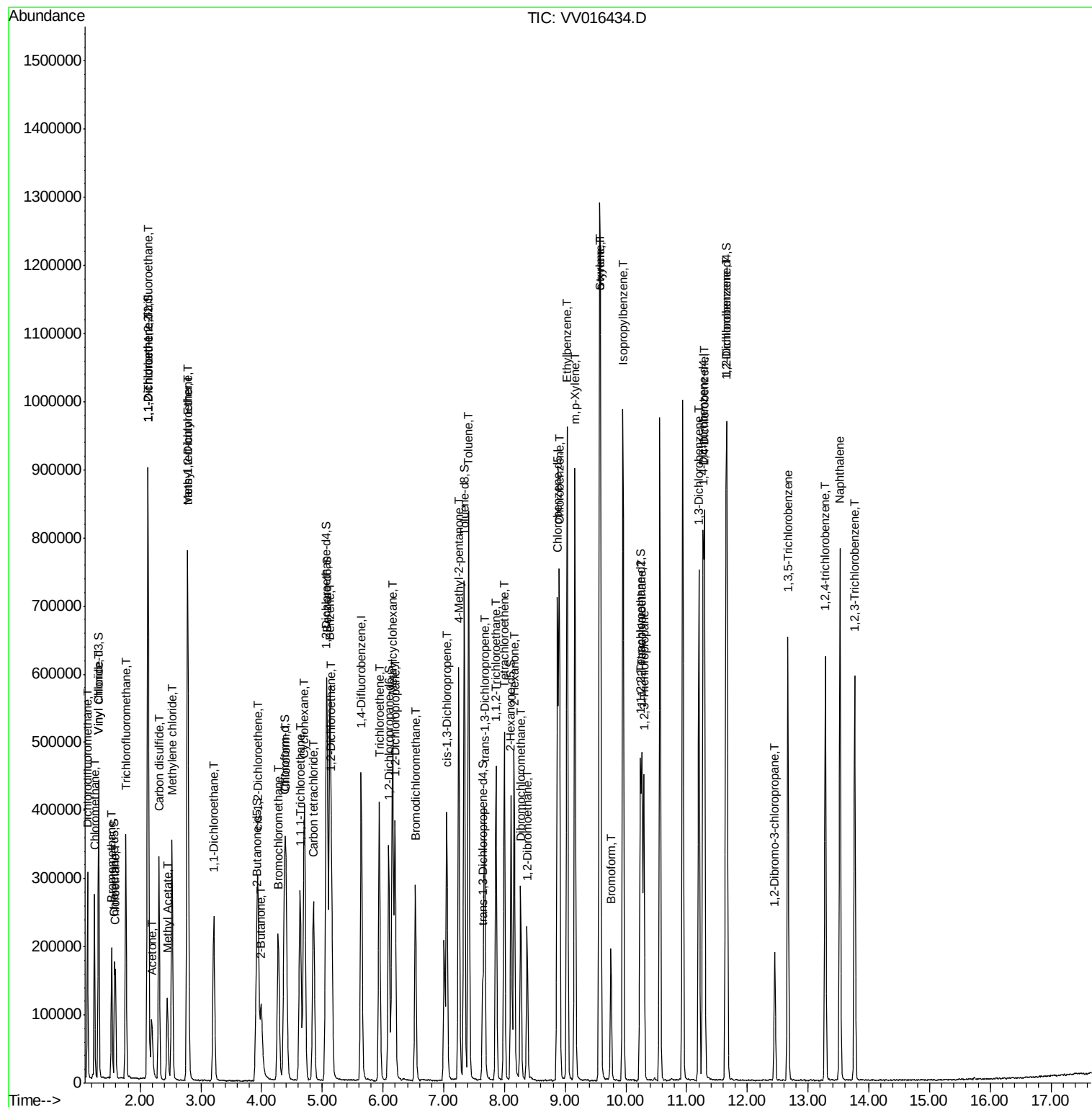
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	74637	51.389	ug/L	96
25) Chloroform	4.40	83	261977	51.675	ug/L	98
27) 1,2-Dichloroethane	5.15	62	208579	50.633	ug/L	100
29) Cyclohexane	4.70	56	223482	52.688	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	225479	51.770	ug/L	98
31) Carbon tetrachloride	4.86	117	194398	51.898	ug/L	97
33) Benzene	5.13	78	541479	51.518	ug/L	100
34) Trichloroethene	5.94	95	141191	51.196	ug/L	95
35) Methylcyclohexane	6.16	83	200753	50.713	ug/L	98
37) 1,2-Dichloropropane	6.20	63	142676	52.080	ug/L	100
38) Bromodichloromethane	6.53	83	183689	52.185	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	220833	55.286	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	402120	106.677	ug/L	99
42) Toluene	7.41	91	579946	52.072	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	210310	53.663	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	133536	50.410	ug/L	98
46) Tetrachloroethene	8.00	164	110399	51.918	ug/L	99
48) 2-Hexanone	8.16	43	300014	102.375	ug/L	99
49) Dibromochloromethane	8.27	129	137238	53.290	ug/L	99
50) 1,2-Dibromoethane	8.37	107	143798	51.317	ug/L	98
51) Chlorobenzene	8.90	112	374419	51.151	ug/L	99
52) Ethylbenzene	9.03	91	640808	52.865	ug/L	99
53) m,p-Xylene	9.16	106	243497	53.273	ug/L	96
54) o-xylene	9.57	106	237195	53.583	ug/L	97
55) Styrene	9.58	104	414363	53.433	ug/L	100
56) Isopropylbenzene	9.95	105	602218	52.375	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	216777	51.014	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	171510	50.170	ug/L	98
61) Bromoform	9.75	173	82618	54.978	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	287064	51.625	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	299078	51.837	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	288709	51.583	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43686	51.433	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	187963	50.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	178162	51.442	ug/L	99
69) Naphthalene	13.52	128	572439	53.849	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	170764	51.867	ug/L	99

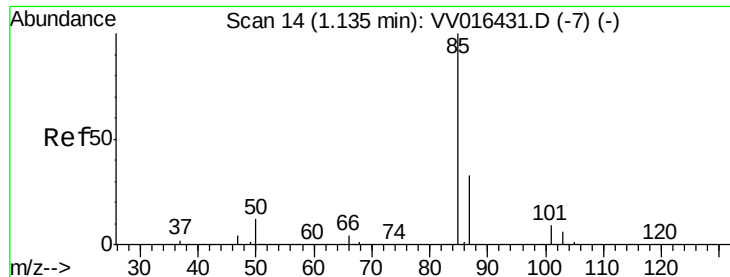
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 51.162 ug/L

RT: 1.13 min Scan# 13

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

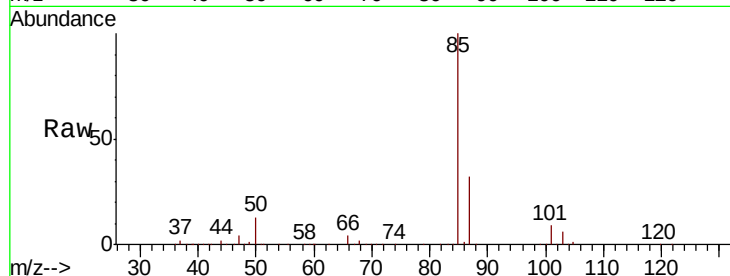
ClientSampleId :

Tot Ion: 85 Resp: 157604

Ion Ratio Lower Upper

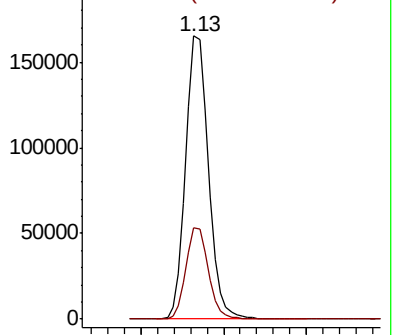
85 100

87 31.8 26.2 39.2

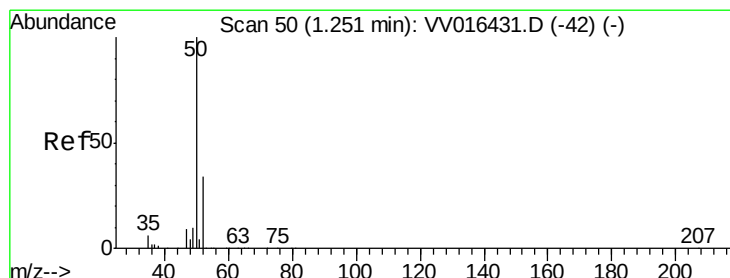
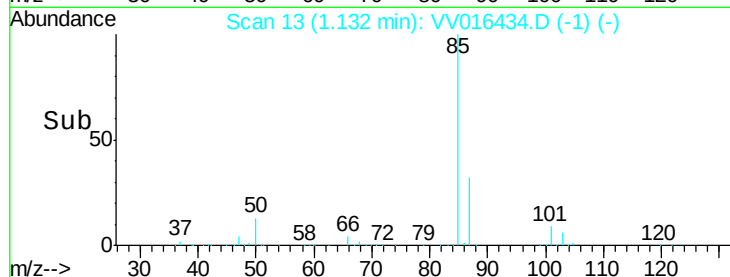


Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



Time-->



#3

Chloromethane

Concen: 51.183 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV016434.D

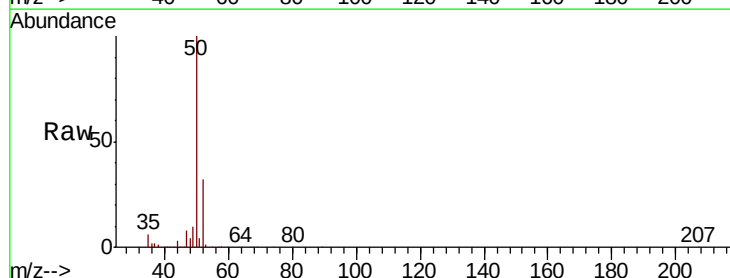
Acq: 02 Jun 2020 18:10

Tgt Ion: 50 Resp: 151914

Ion Ratio Lower Upper

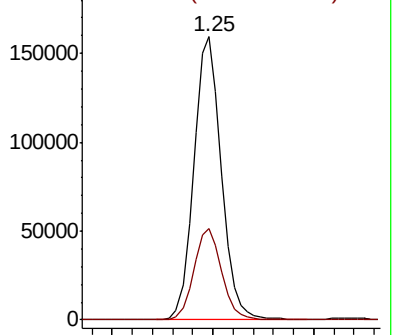
50 100

52 32.2 23.5 43.7

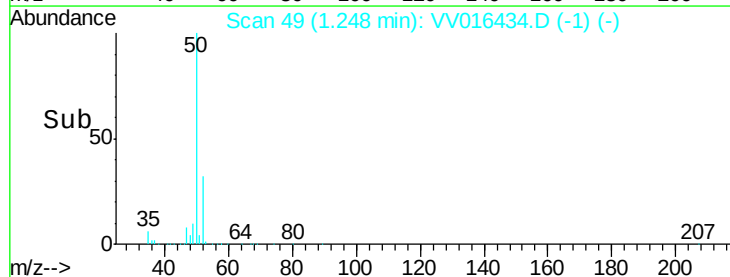


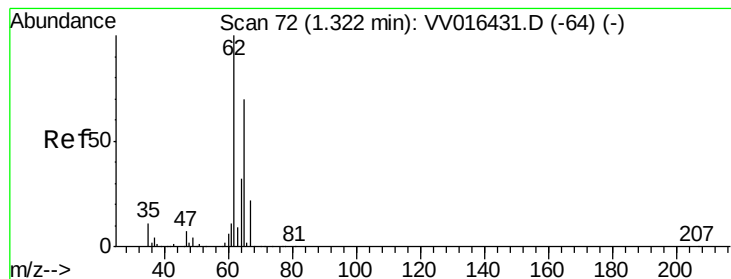
Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



Time-->





#5

Vinyl chloride

Concen: 51.281 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

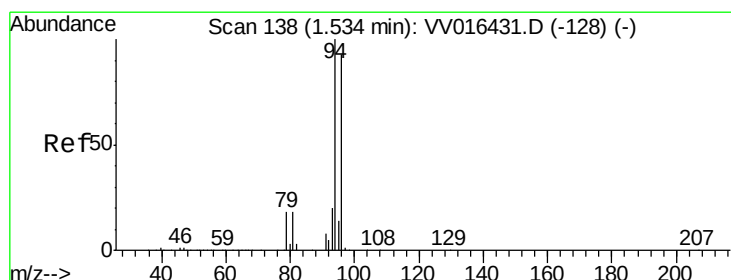
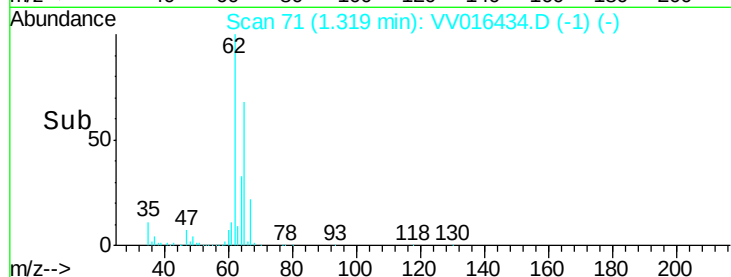
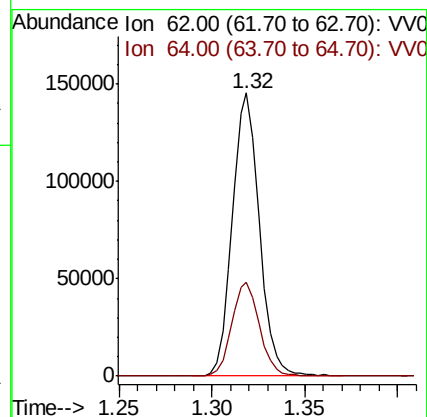
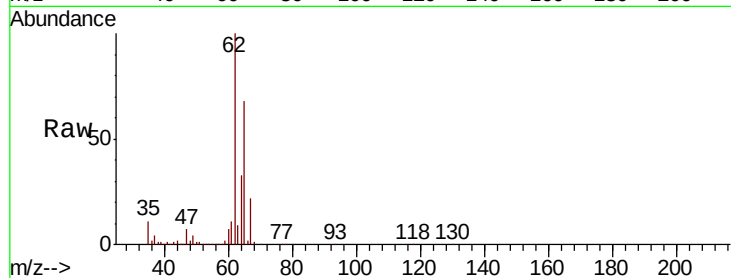
ClientSampleId :

Tot Ion: 62 Resp: 147062

Ion Ratio Lower Upper

62 100

64 33.1 22.7 42.1



#6

Bromomethane

Concen: 51.835 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV016434.D

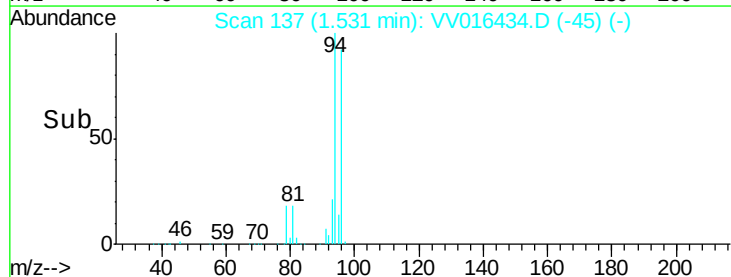
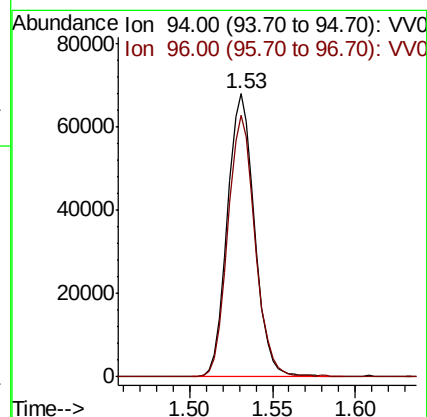
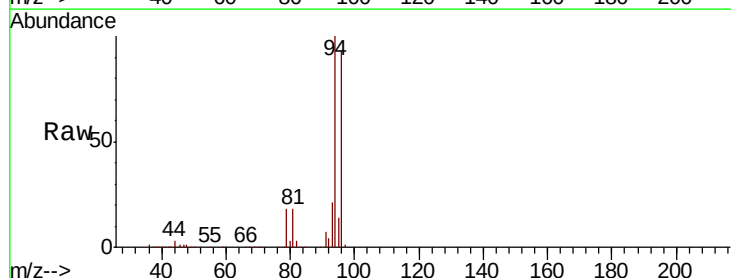
Acq: 02 Jun 2020 18:10

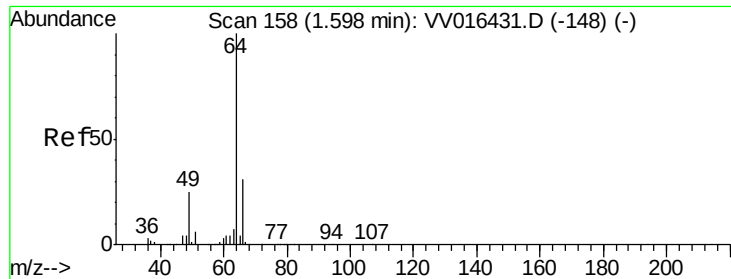
Tgt Ion: 94 Resp: 77331

Ion Ratio Lower Upper

94 100

96 92.5 65.1 120.9

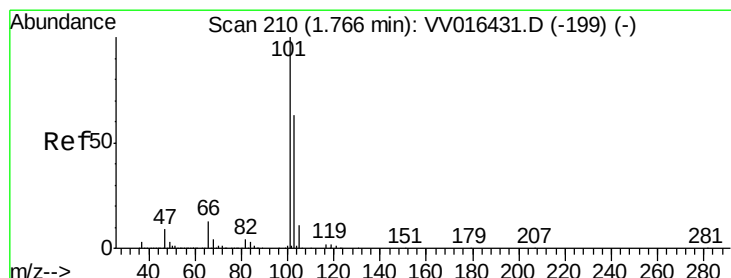
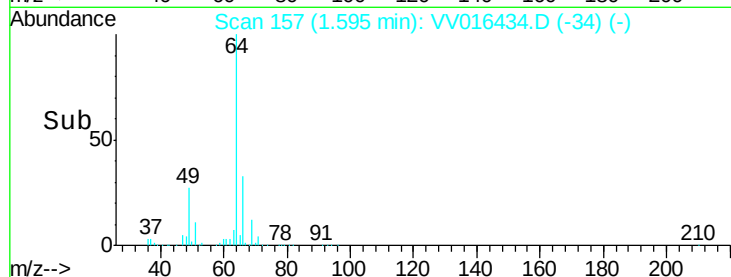
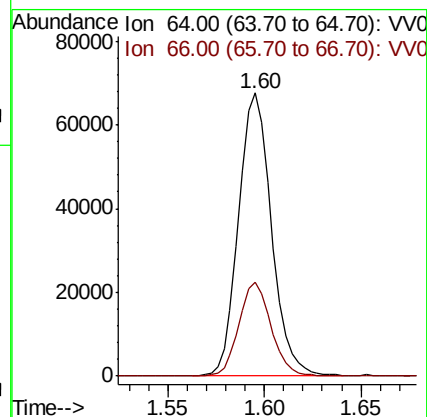
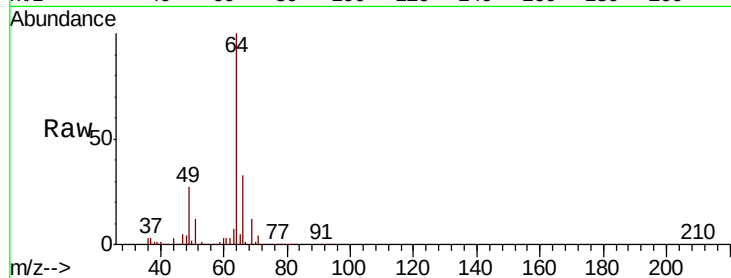




#8
Chloroethane
Concen: 49.379 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

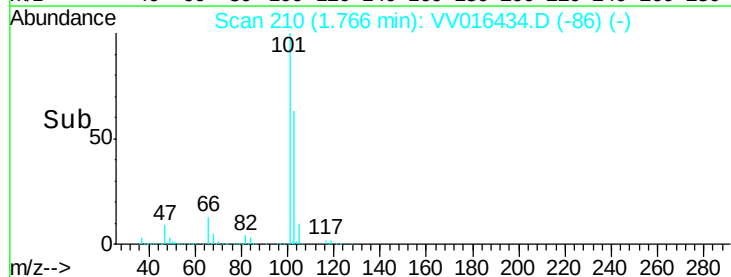
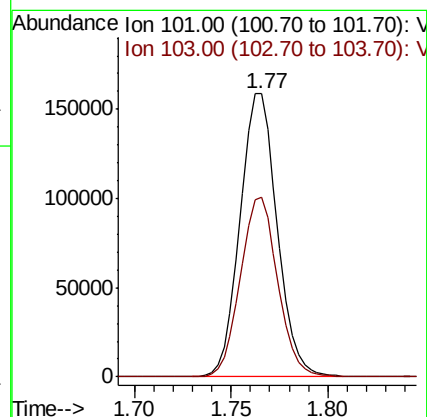
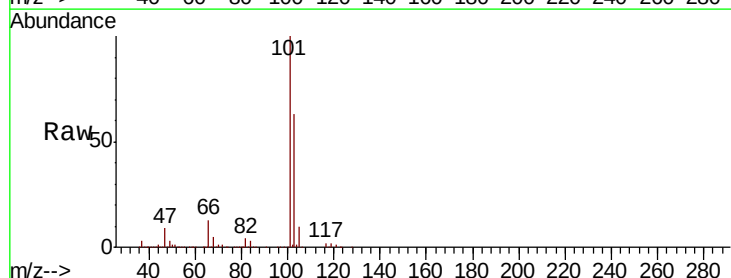
Instrument :
MSVOA_V
ClientSampleId :

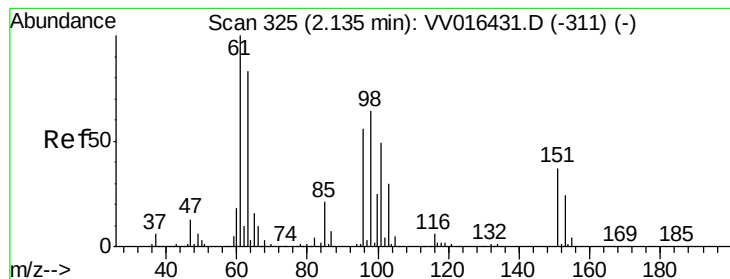
Tot Ion: 64 Resp: 79360
Ion Ratio Lower Upper
64 100
66 33.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 51.094 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Tgt Ion: 101 Resp: 211595
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3





#10

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

Concen: 52.241 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampled :

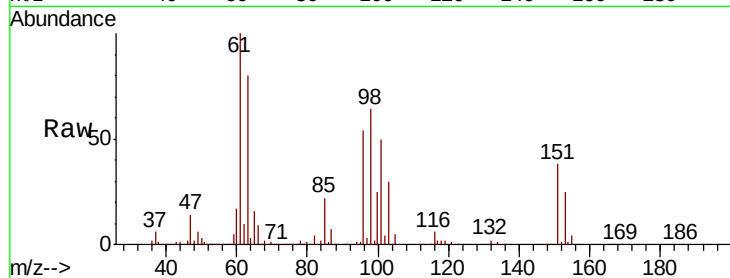
Tot Ion:101 Resp: 112526

Ion Ratio Lower Upper

101 100

85 43.3 35.6 53.4

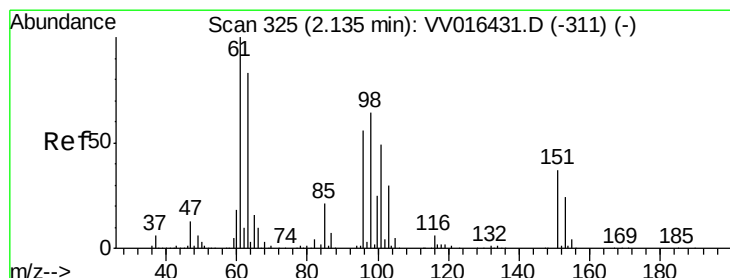
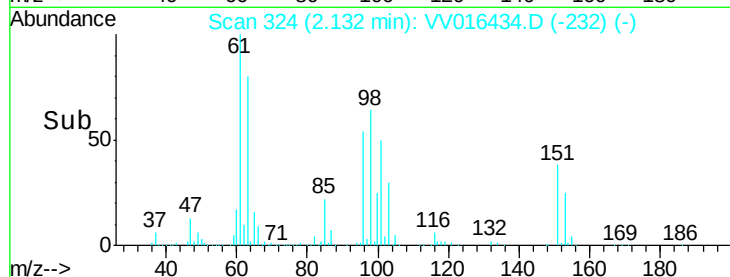
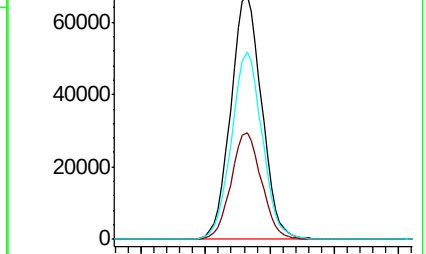
151 76.5 61.8 92.8



Abundance Ion 101.00 (100.70 to 101.70): VV016434.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV016434.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV016434.D (-232) (-)



#12

1,1-Dichloroethene

Concen: 51.213 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

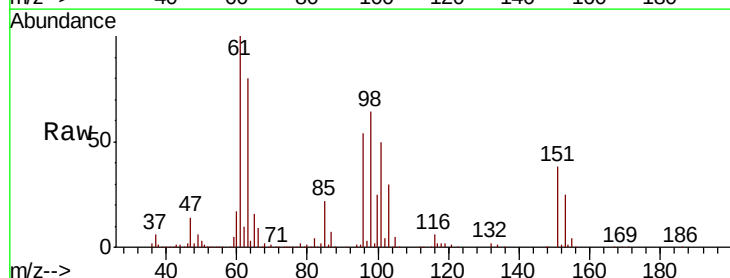
Tgt Ion: 96 Resp: 106155

Ion Ratio Lower Upper

96 100

61 184.0 125.5 233.1

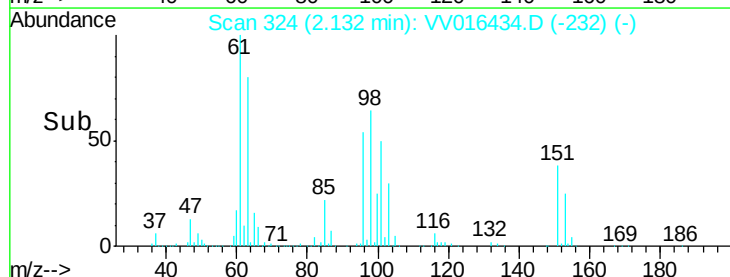
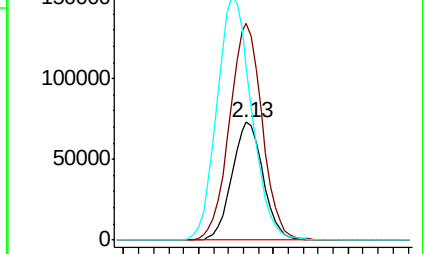
63 147.1 104.0 193.1

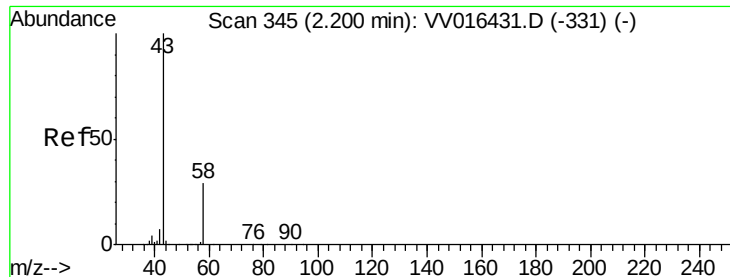


Abundance Ion 96.00 (95.70 to 96.70): VV016434.D (-232) (-)

Ion 61.00 (60.70 to 61.70): VV016434.D (-232) (-)

Ion 63.00 (62.70 to 63.70): VV016434.D (-232) (-)





#13

Acetone

Concen: 78.723 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

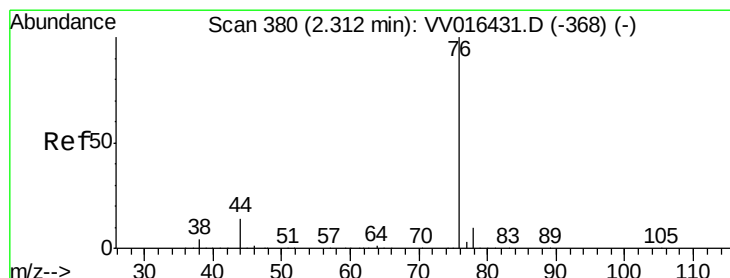
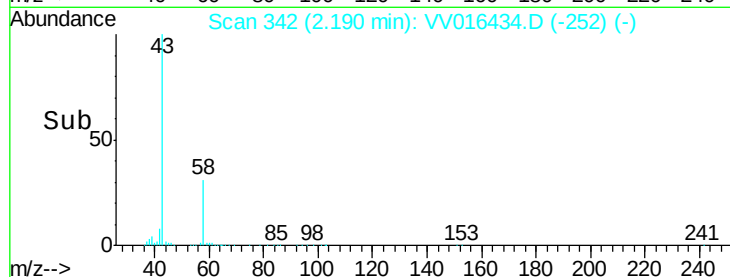
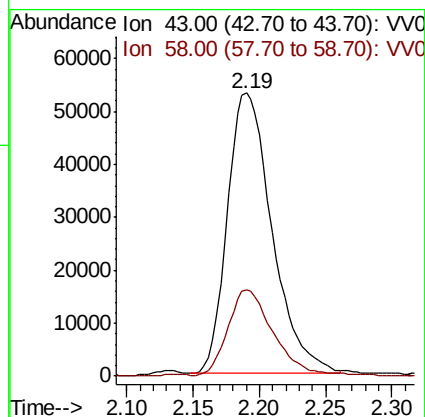
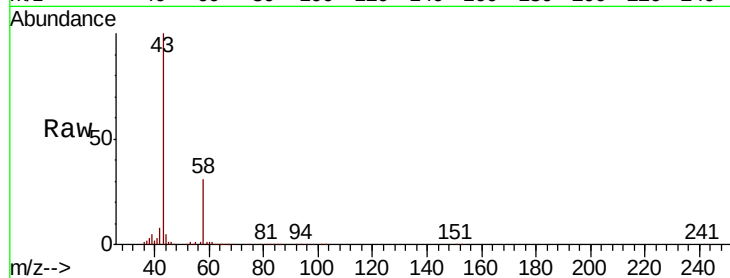
ClientSampleId :

Tot Ion: 43 Resp: 124409

Ion Ratio Lower Upper

43 100

58 31.7 0.0 57.2



#14

Carbon disulfide

Concen: 51.209 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV016434.D

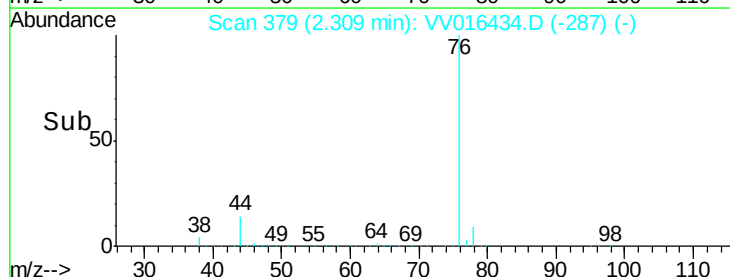
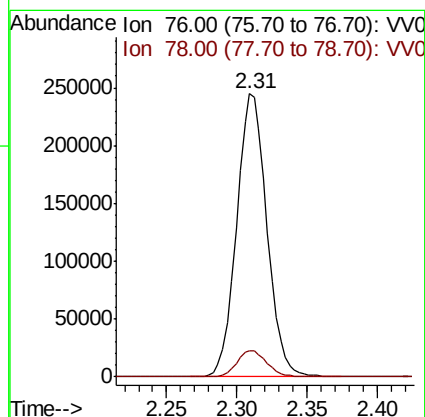
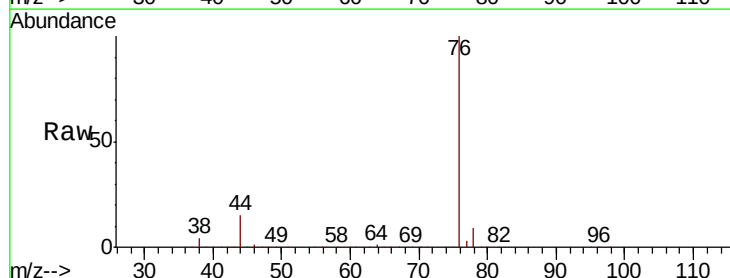
Acq: 02 Jun 2020 18:10

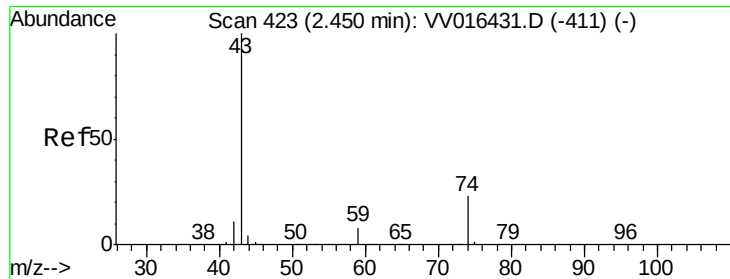
Tgt Ion: 76 Resp: 367488

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4

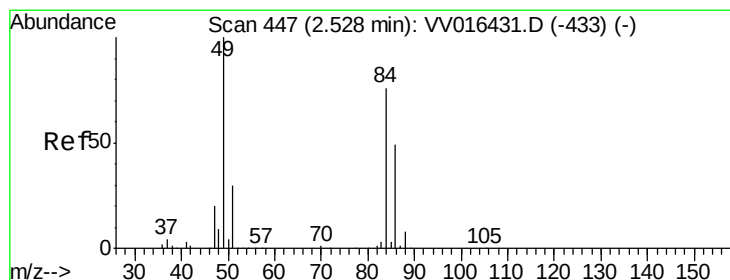
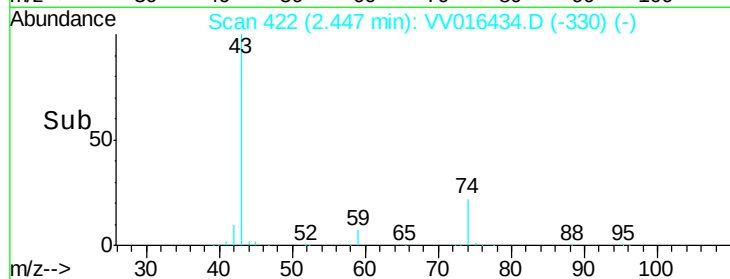
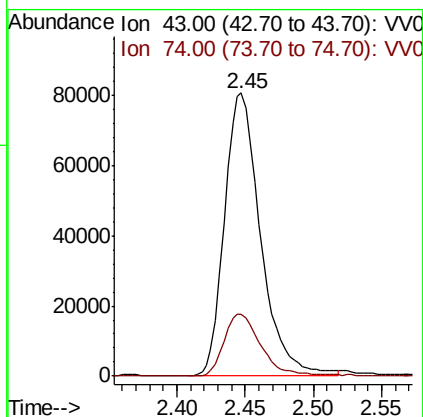
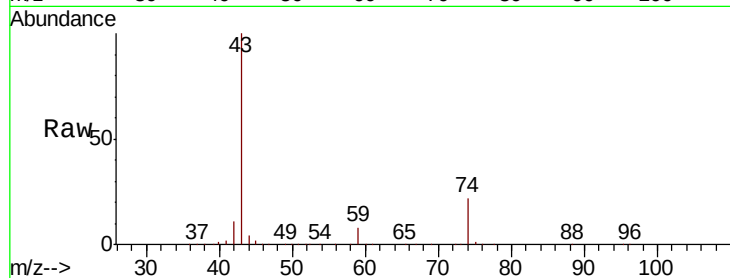




#15
Methvl Acetate
Concen: 50.730 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

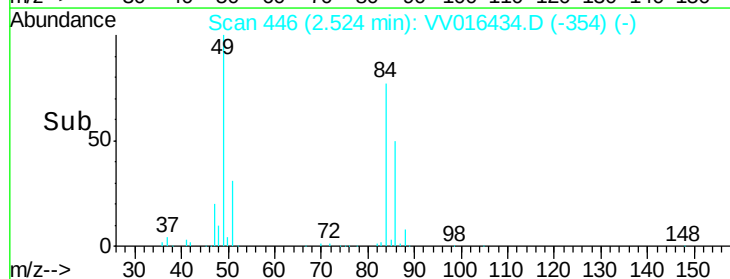
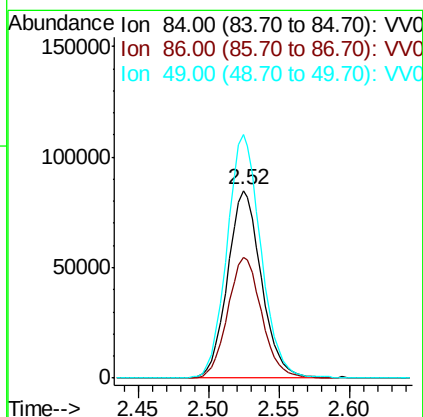
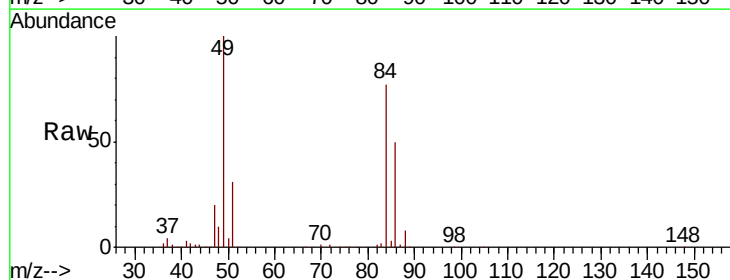
Instrument :
MSVOA_V
ClientSampleId :

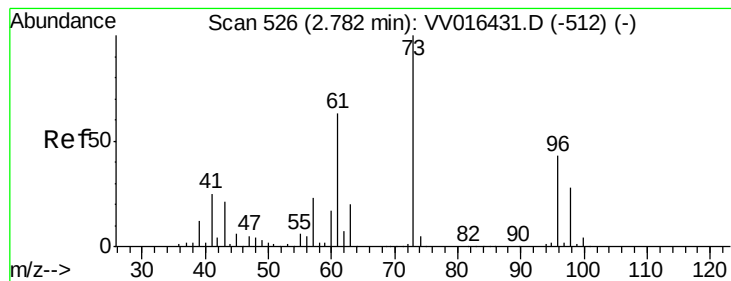
Tot Ion: 43 Resp: 147354
Ion Ratio Lower Upper
43 100
74 22.8 18.1 27.1



#16
Methylene chloride
Concen: 48.804 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Tgt Ion: 84 Resp: 142617
Ion Ratio Lower Upper
84 100
86 64.6 45.1 83.9
49 129.9 92.4 171.6





#17

trans-1,2-Dichloroethene

Concen: 51.266 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :
MSVOA_V
ClientSampled :

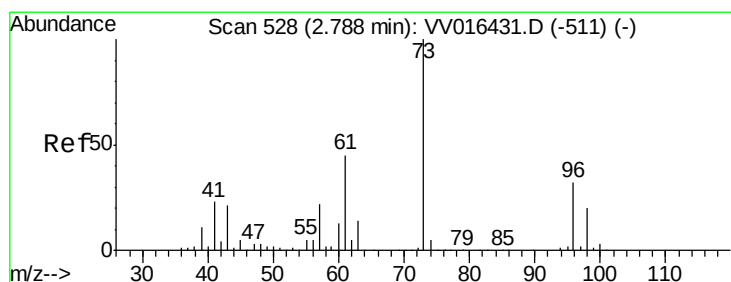
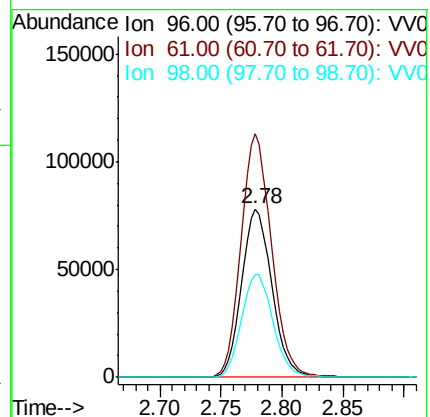
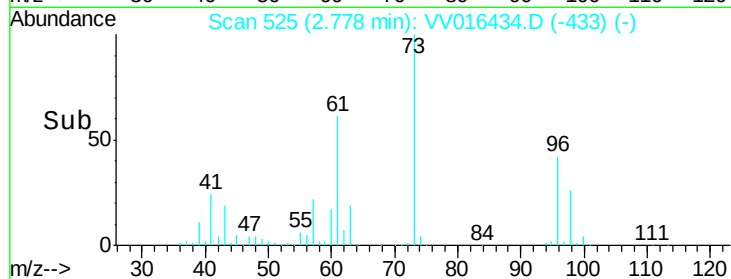
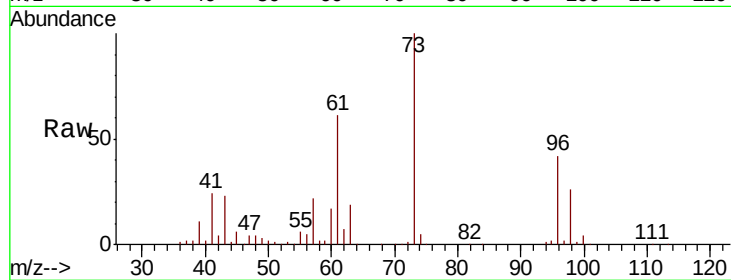
Tot Ion: 96 Resp: 134080

Ion Ratio Lower Upper

96 100

61 144.5 101.0 187.6

98 61.4 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 51.132 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

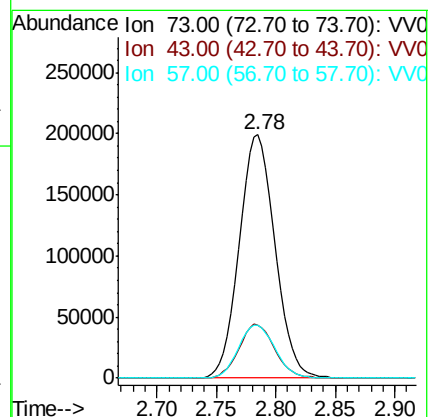
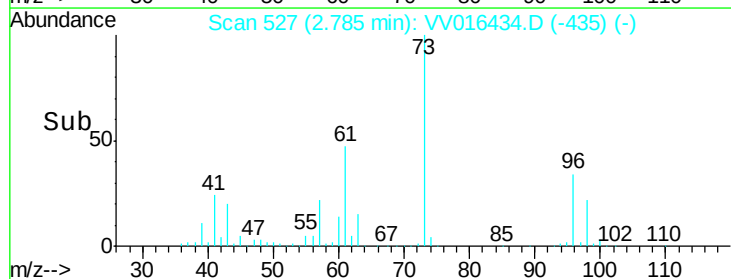
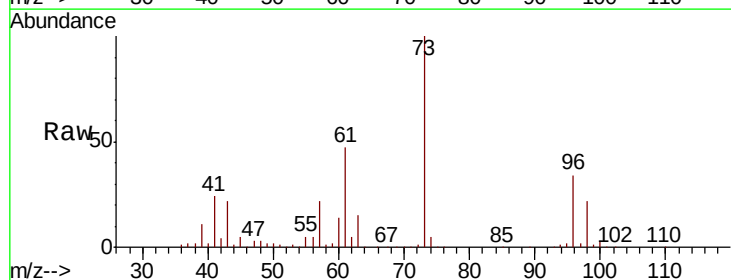
Tgt Ion: 73 Resp: 414004

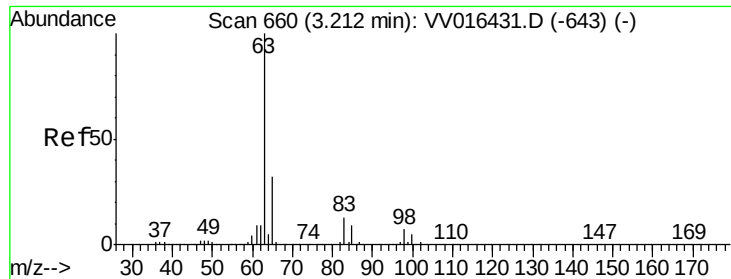
Ion Ratio Lower Upper

73 100

43 21.7 17.0 25.4

57 22.5 17.8 26.8

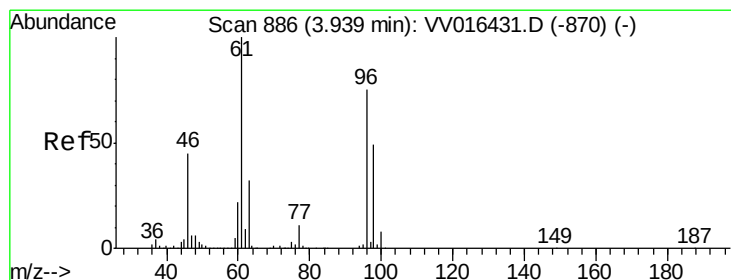
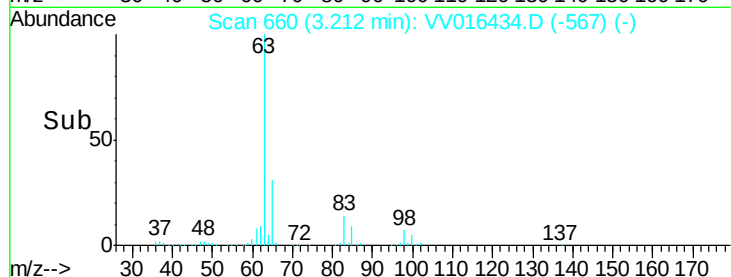
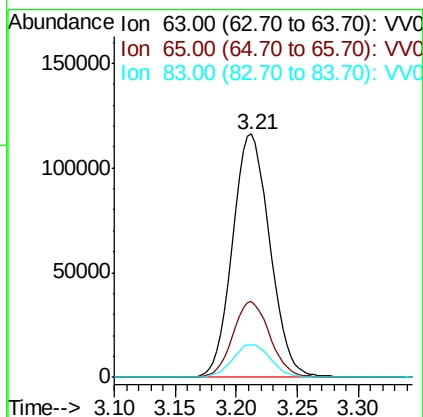
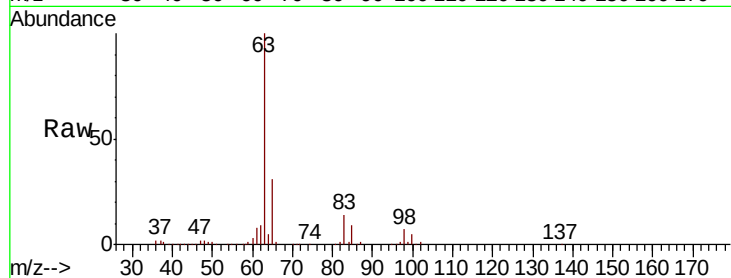




#19
 1,1-Dichloroethane
 Concen: 51.021 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

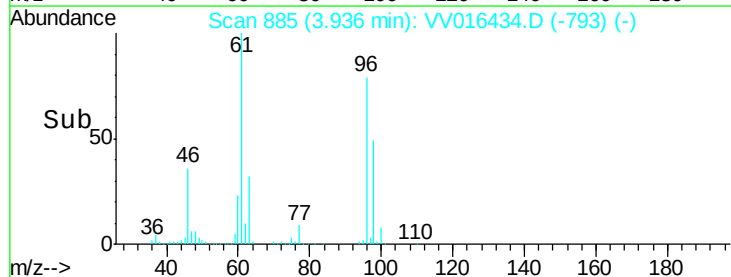
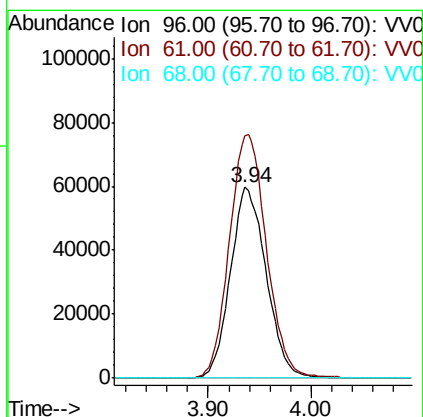
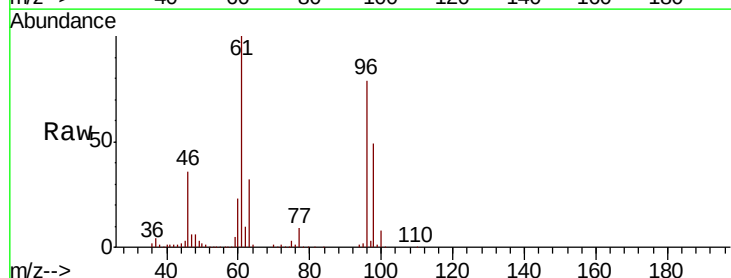
Instrument :
 MSVOA_V
 ClientSampled :

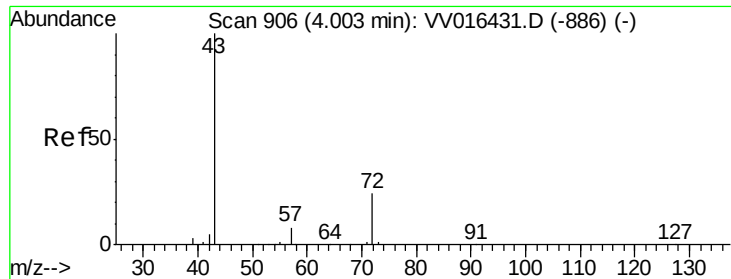
Tot Ion	63	Resp	246785
Ion Ratio	Lower	Upper	
63	100		
65	31.0	22.2	41.2
83	13.6	9.1	16.9



#20
 cis-1,2-Dichloroethene
 Concen: 51.160 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion	96	Resp	144401
Ion Ratio	Lower	Upper	
96	100		
61	126.9	93.4	173.4
68	0.0	0.0	0.0

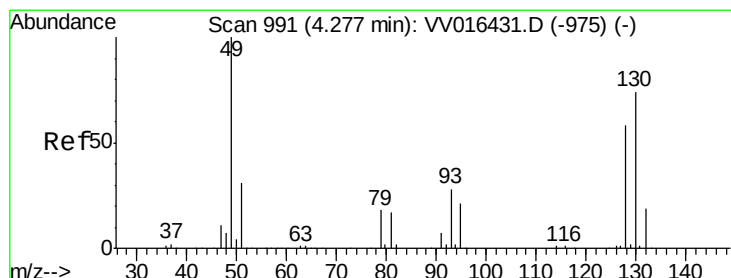
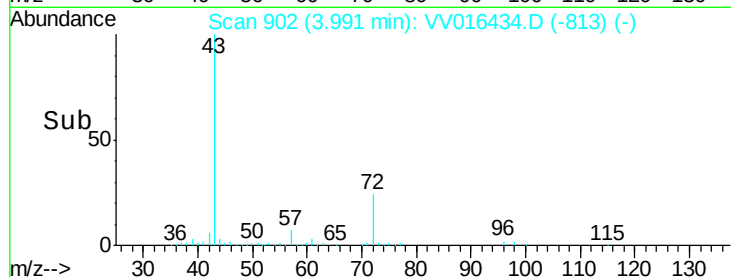
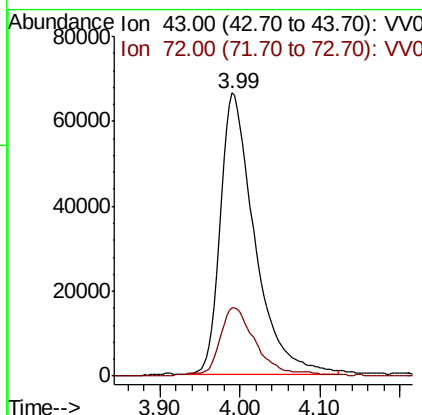
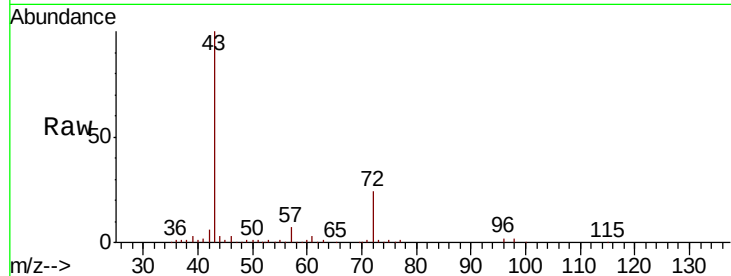




#22
2-Butanone
Concen: 99.056 ug/L
RT: 3.99 min Scan# 902
Delta R.T. -0.01 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

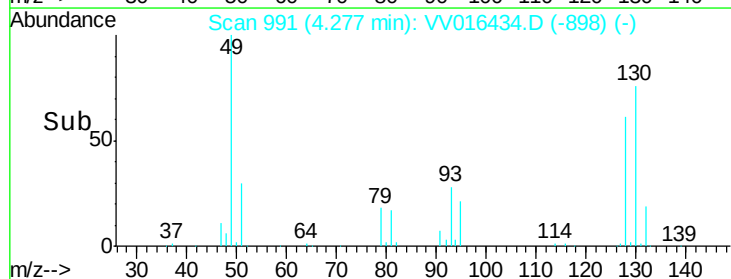
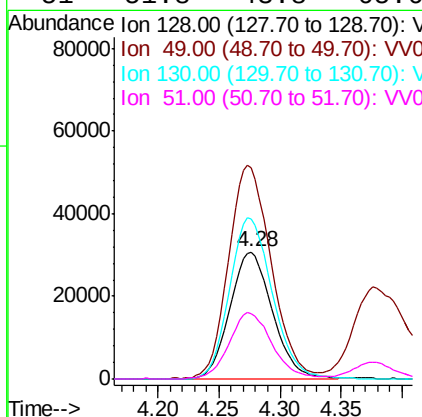
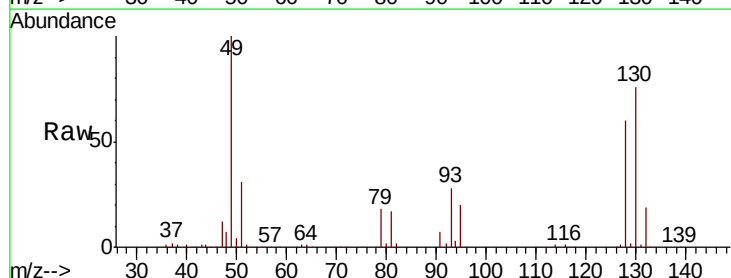
Instrument :
MSVOA_V
ClientSampleId :

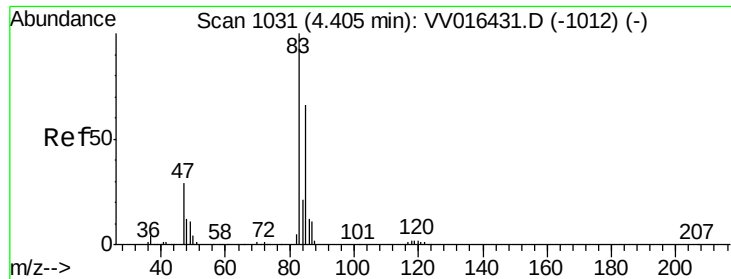
Tot Ion: 43 Resp: 194254
Ion Ratio Lower Upper
43 100
72 23.1 12.8 38.3



#23
Bromochloromethane
Concen: 51.389 ug/L
RT: 4.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Tgt Ion:128 Resp: 74637
Ion Ratio Lower Upper
128 100
49 166.2 121.7 225.9
130 125.6 90.1 167.3
51 51.8 43.8 65.6

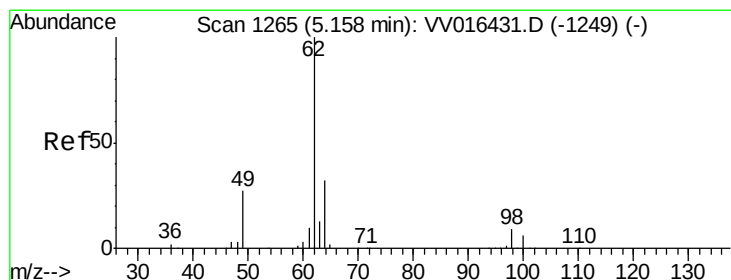
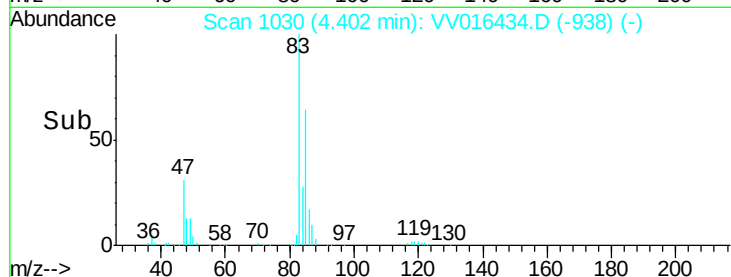
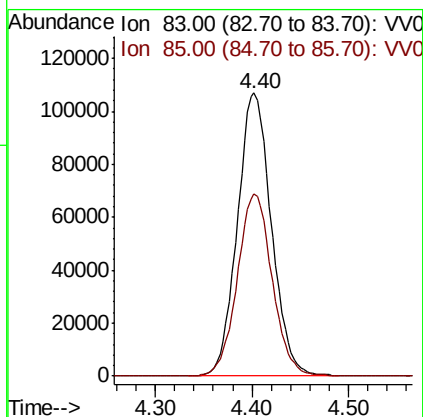
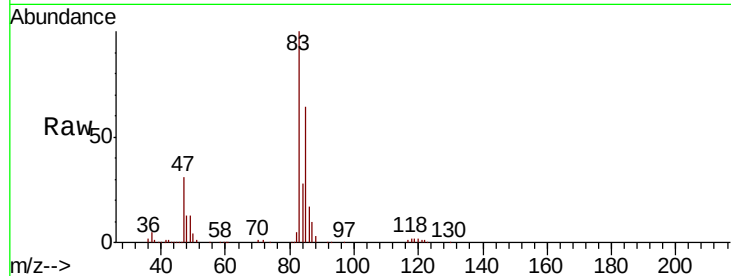




#25
Chloroform
Concen: 51.675 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

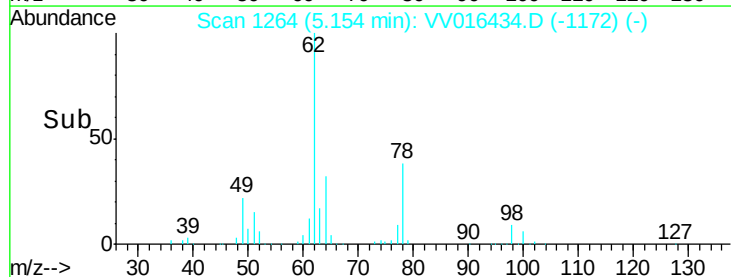
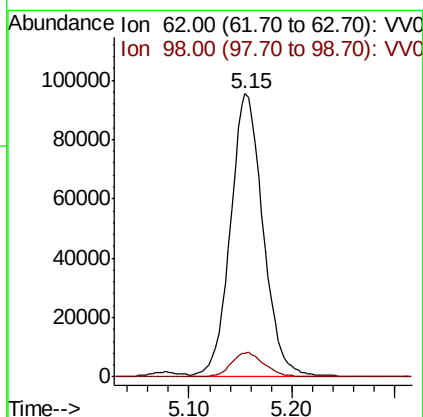
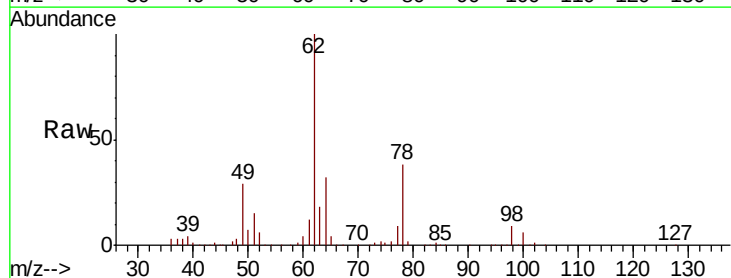
Instrument :
MSVOA_V
ClientSampleId :

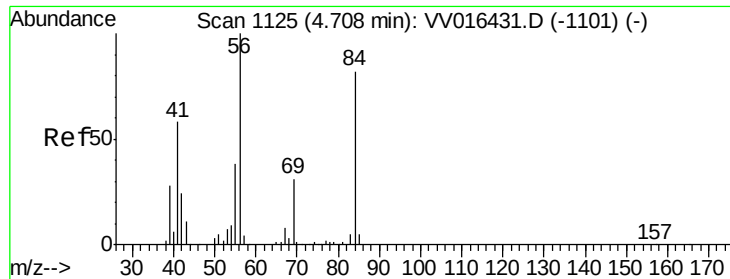
Tot Ion: 83 Resp: 261977
Ion Ratio Lower Upper
83 100
85 64.3 46.1 85.7



#27
1,2-Dichloroethane
Concen: 50.633 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Tgt Ion: 62 Resp: 208579
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3

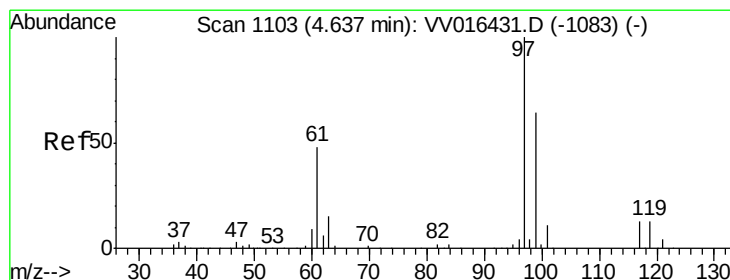
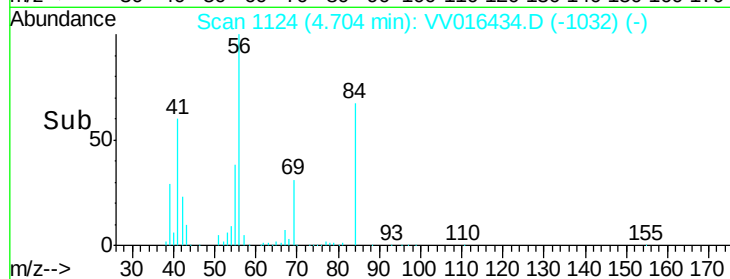
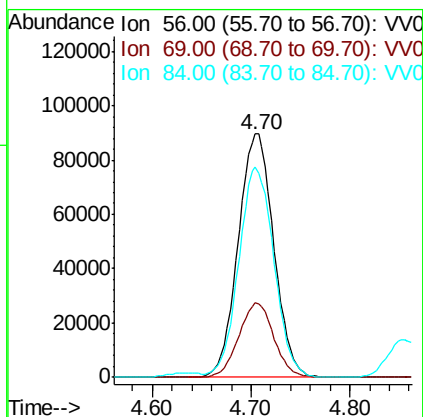
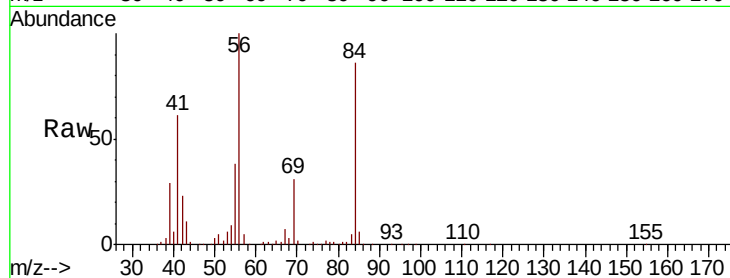




#29
Cyclohexane
Concen: 52.688 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

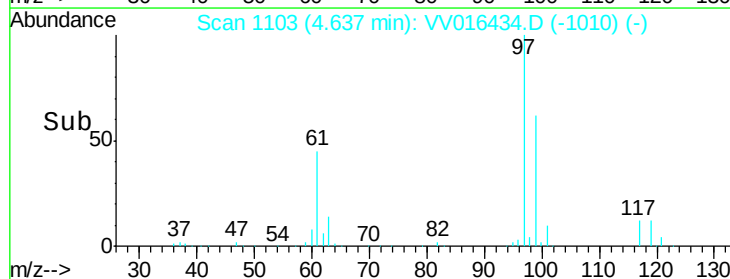
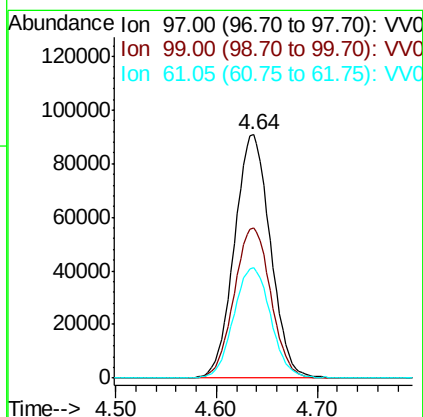
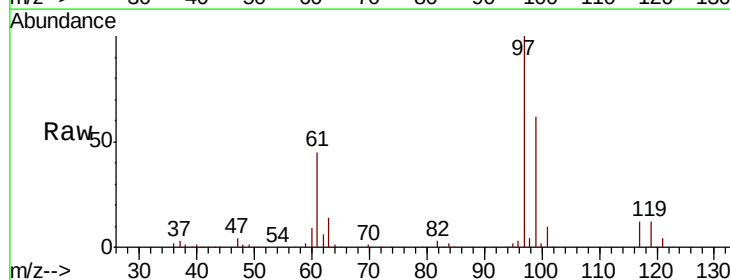
Instrument :
MSVOA_V
ClientSampled :

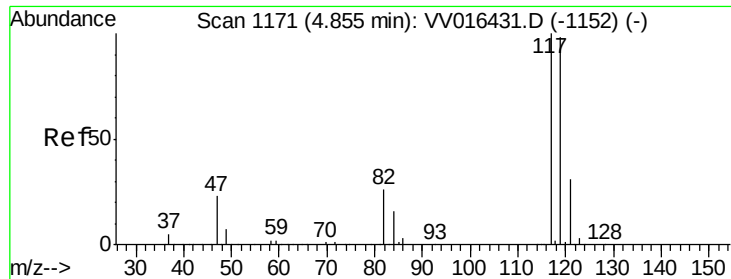
Tot Ion: 56 Resp: 223482
Ion Ratio Lower Upper
56 100
69 30.1 23.9 35.9
84 85.6 68.2 102.2



#30
1,1,1-Trichloroethane
Concen: 51.770 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Tgt Ion: 97 Resp: 225479
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.8
61 46.4 37.4 56.0

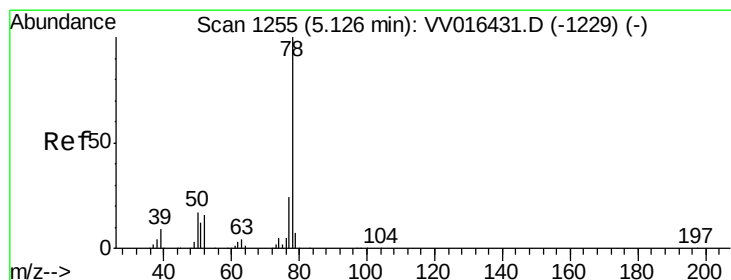
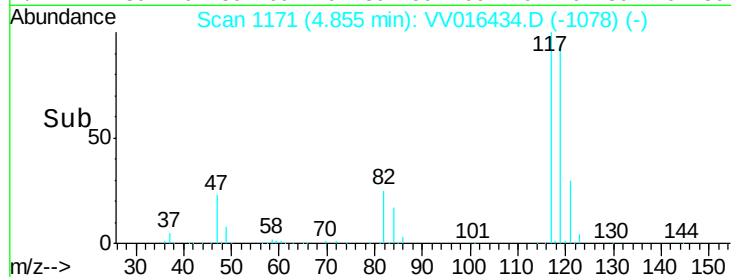
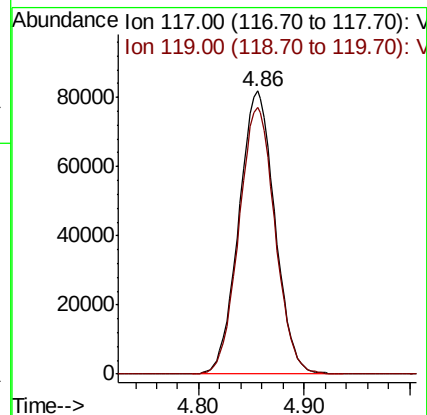
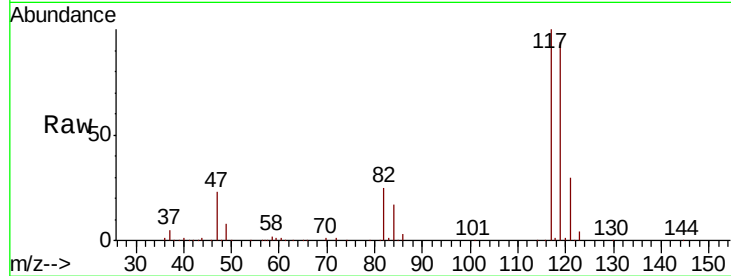




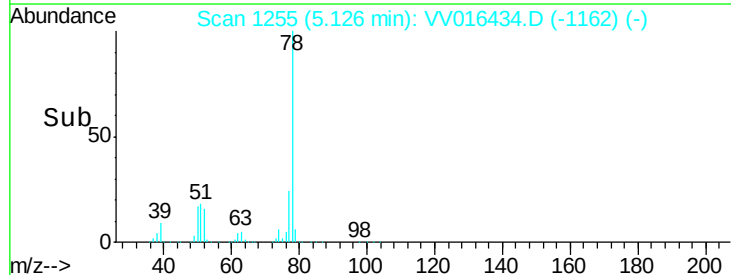
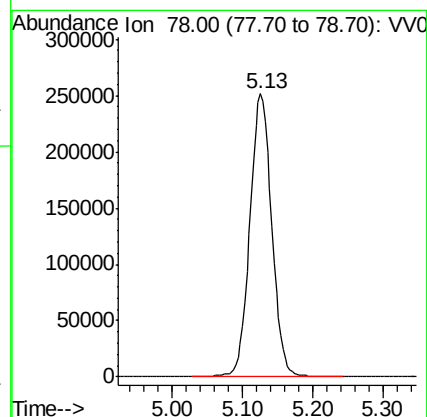
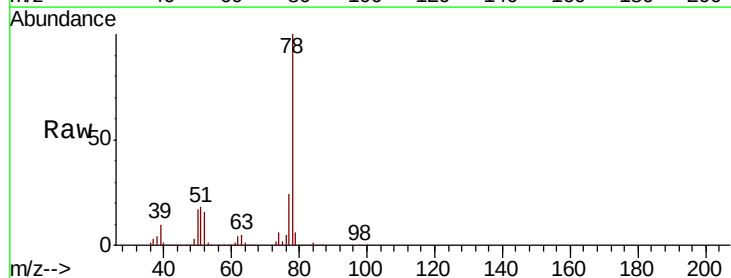
#31
Carbon tetrachloride
Concen: 51.898 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

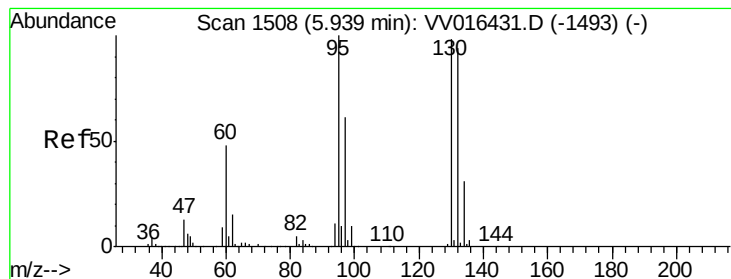
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 194398
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.6



#33
Benzene
Concen: 51.518 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10
Tgt Ion: 78 Resp: 541479





#34

Trichloroethene

Concen: 51.196 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 141191

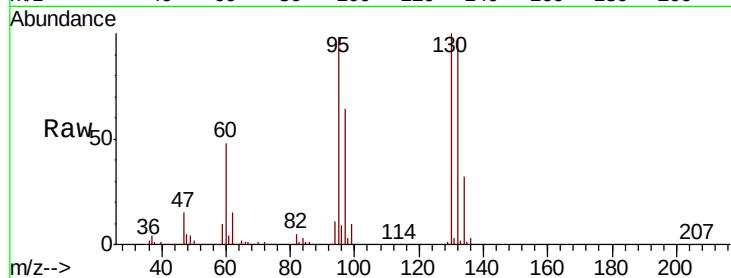
Ion Ratio Lower Upper

95 100

97 65.6 42.8 79.6

132 99.0 65.6 121.8

130 101.9 69.0 128.1

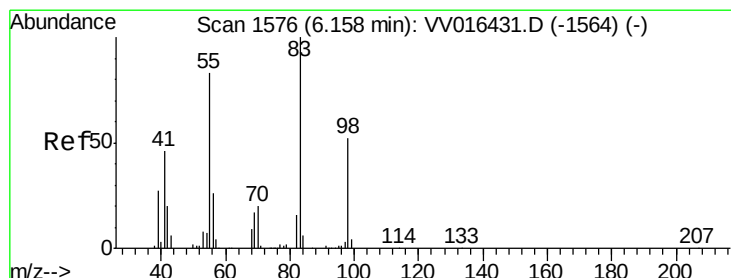
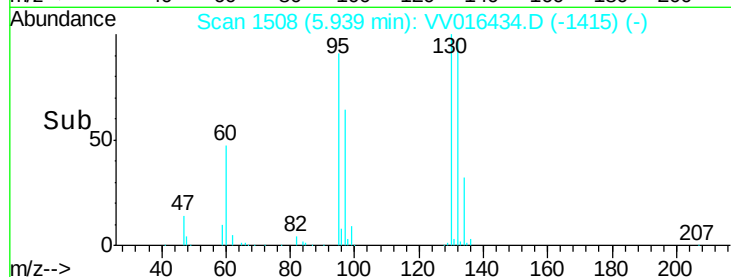
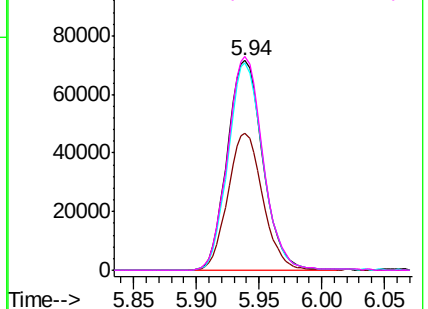


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 50.713 ug/L

RT: 6.16 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

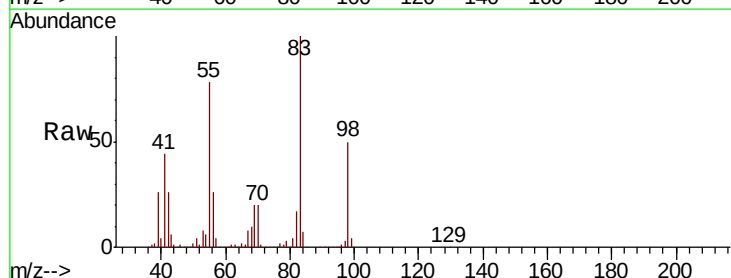
Tgt Ion: 83 Resp: 200753

Ion Ratio Lower Upper

83 100

55 80.3 63.4 95.0

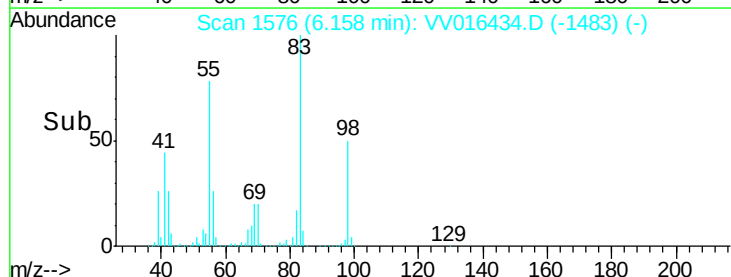
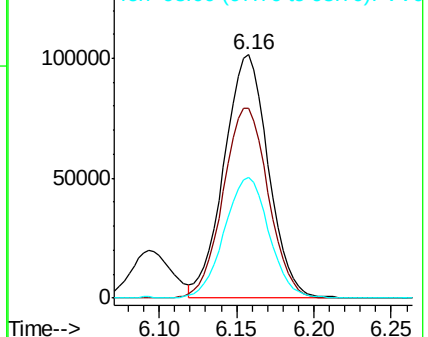
98 50.6 39.4 59.0

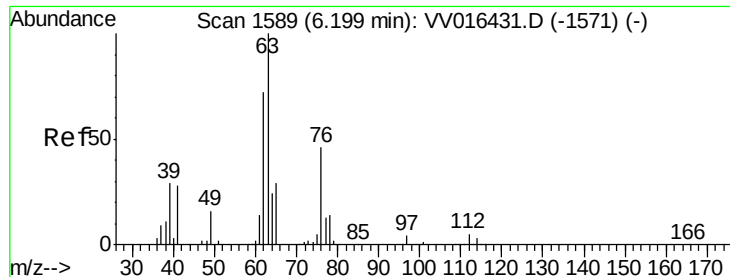


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

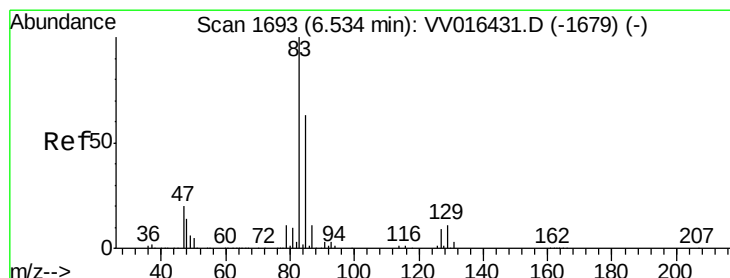
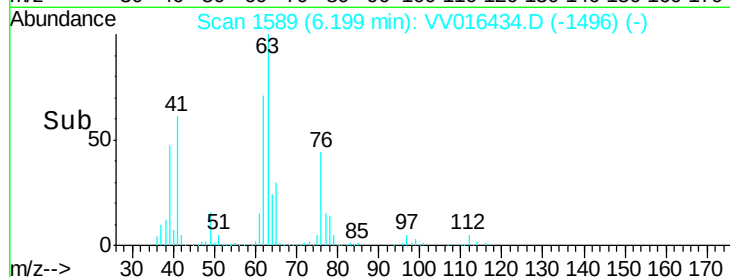
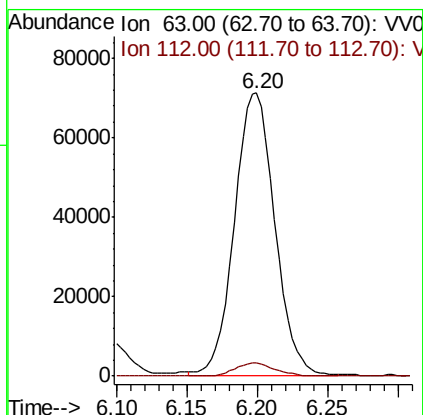
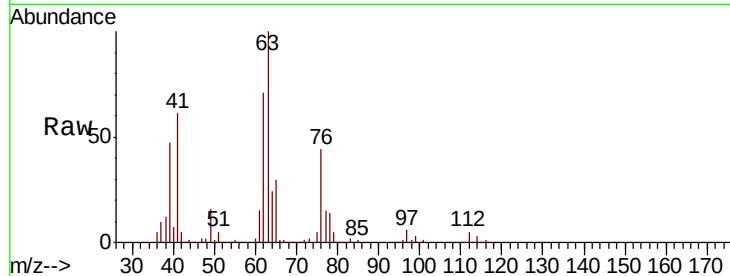




#37
 1,2-Dichloropropane
 Concen: 52.080 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

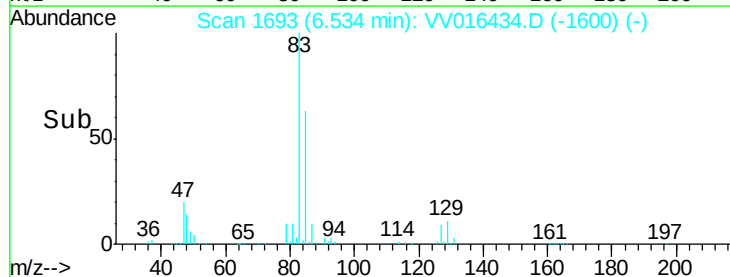
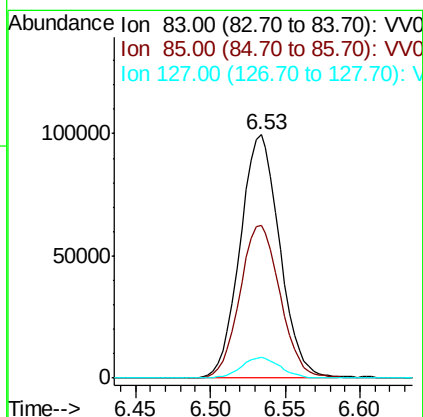
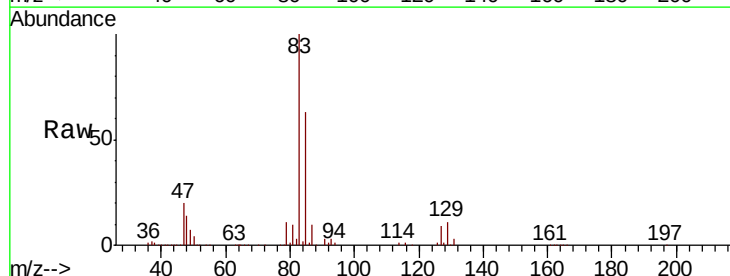
Instrument :
 MSVOA_V
 ClientSampleId :

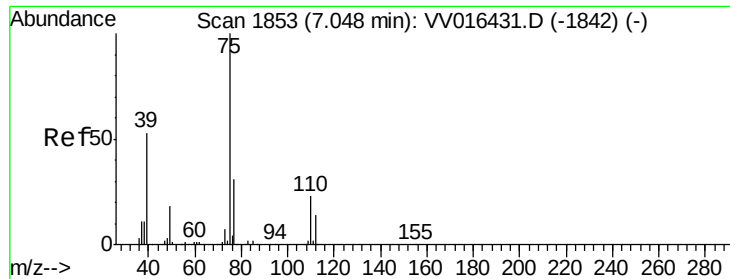
Tot Ion: 63 Resp: 142676
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.9 5.9



#38
 Bromodichloromethane
 Concen: 52.185 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion: 83 Resp: 183689
 Ion Ratio Lower Upper
 83 100
 85 62.8 44.4 82.5
 127 8.5 7.1 10.7

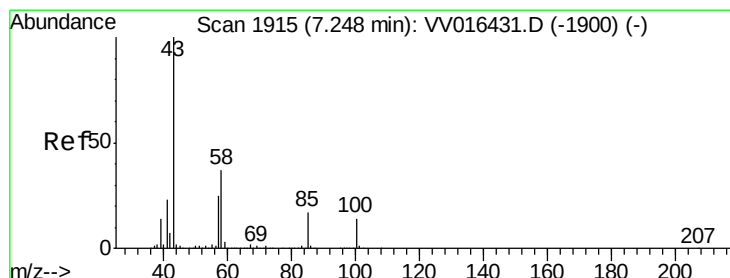
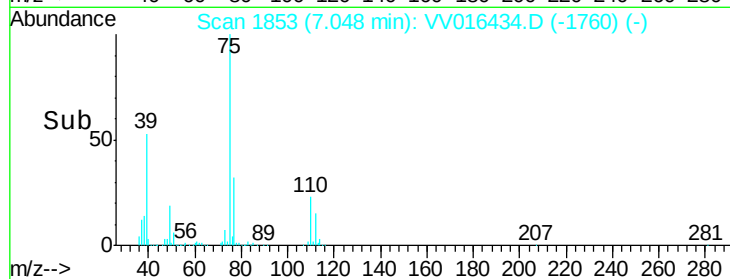
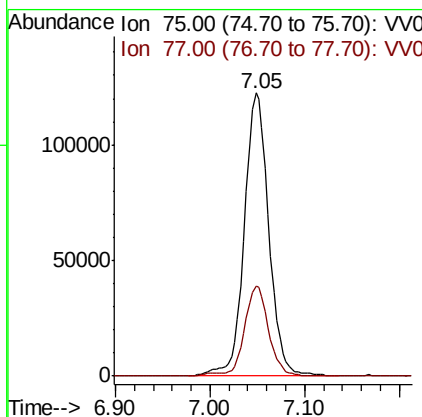
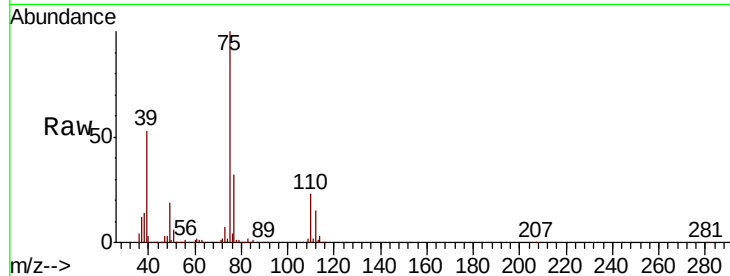




#39
 cis-1,3-Dichloropropene
 Concen: 55.286 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

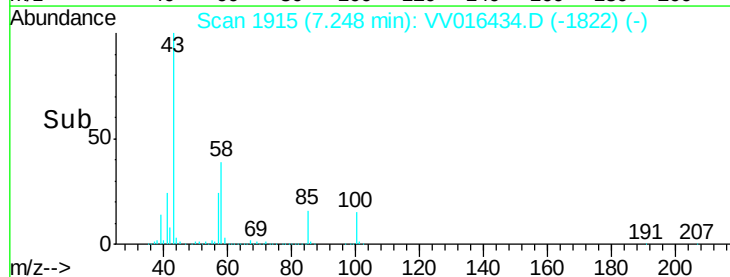
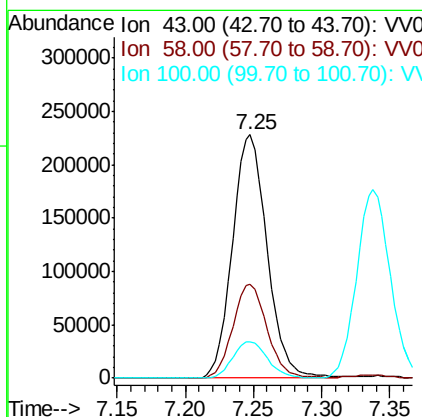
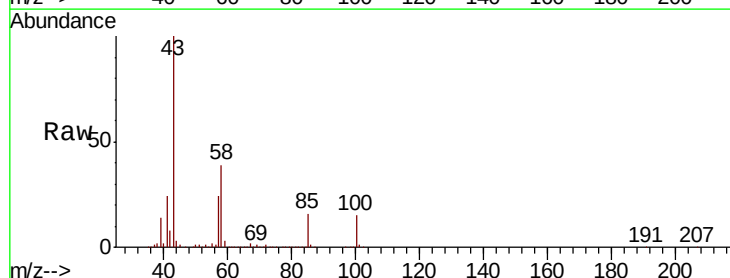
Instrument :
 MSVOA_V
 ClientSampled :

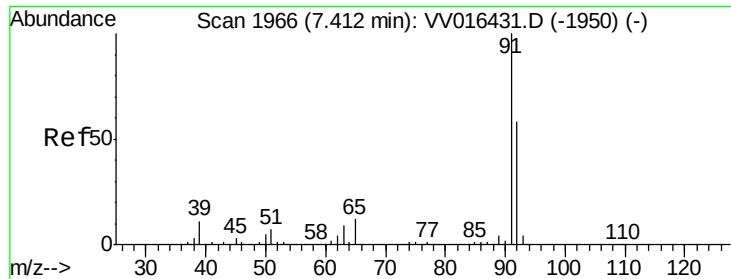
Tot Ion: 75 Resp: 220833
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 106.677 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion: 43 Resp: 402120
 Ion Ratio Lower Upper
 43 100
 58 38.2 29.9 44.9
 100 15.1 11.9 17.9





#42

Toluene

Concen: 52.072 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

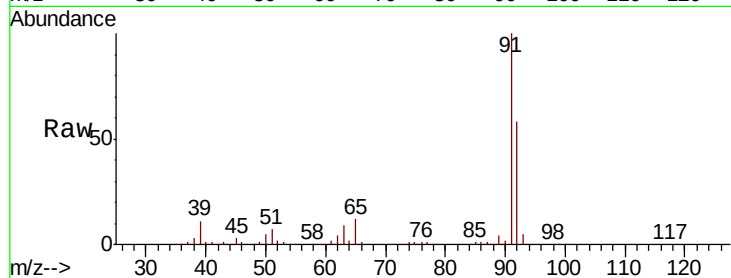
ClientSampleId :

Tot Ion: 91 Resp: 579946

Ion Ratio Lower Upper

91 100

92 58.4 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016434.D (-1950) (-)

Ion 92.00 (91.70 to 92.70): VV016434.D (-1950) (-)

7.41

300000

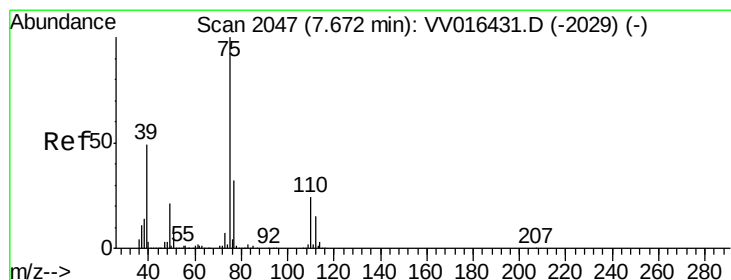
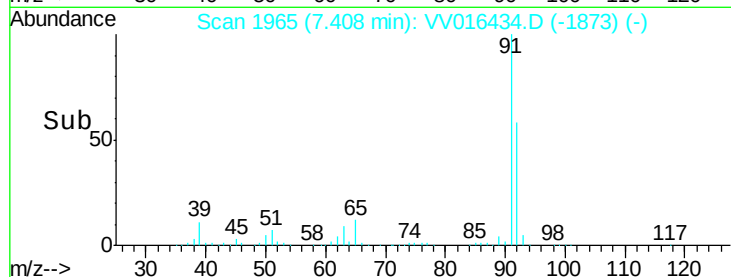
200000

100000

0

Time-->

7.35 7.40 7.45 7.50



#44

trans-1,3-Dichloropropene

Concen: 53.663 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV016434.D

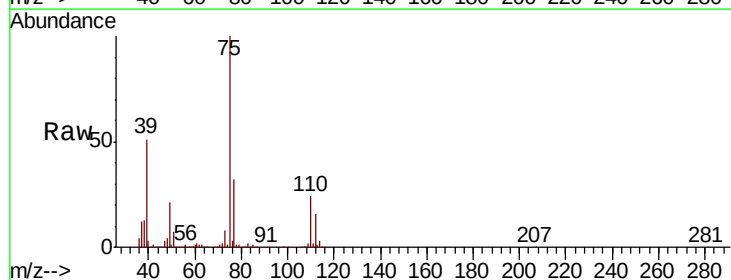
Acq: 02 Jun 2020 18:10

Tgt Ion: 75 Resp: 210310

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV016434.D (-1954) (-)

Ion 77.00 (76.70 to 77.70): VV016434.D (-1954) (-)

7.67

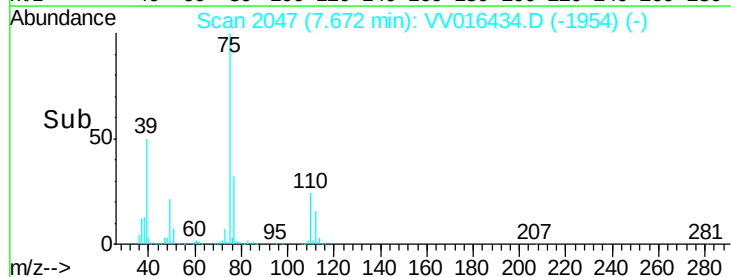
100000

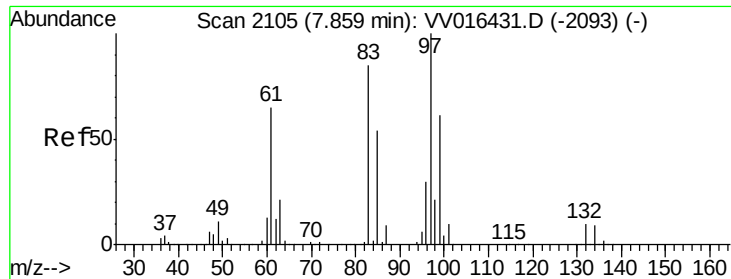
50000

0

Time-->

7.55 7.60 7.65 7.70 7.75

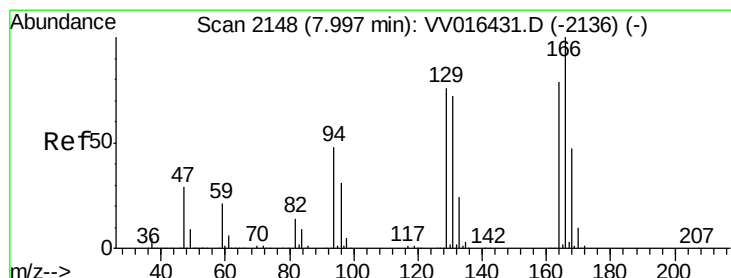
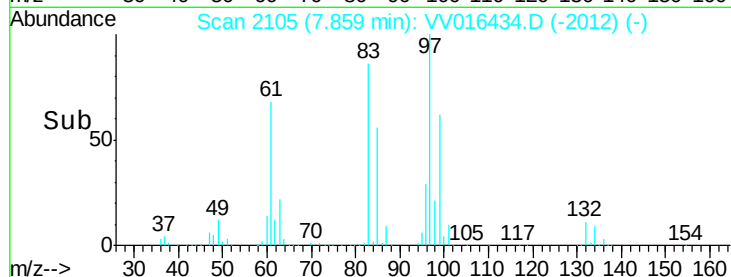
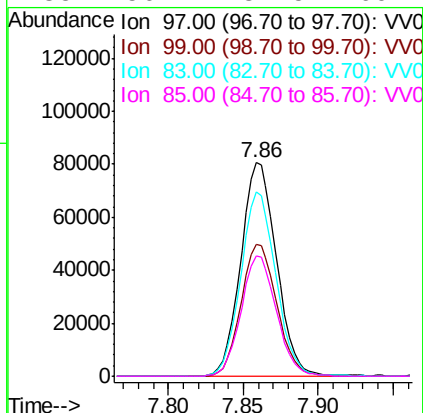
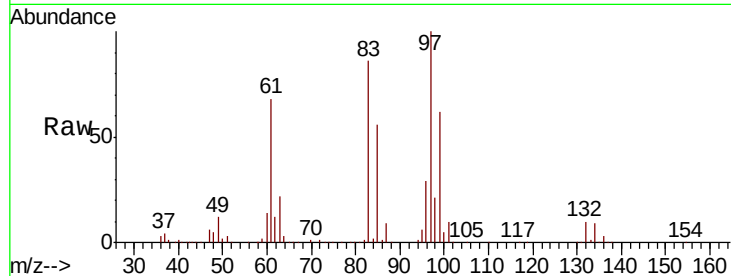




#45
 1,1,2-Trichloroethane
 Concen: 50.410 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

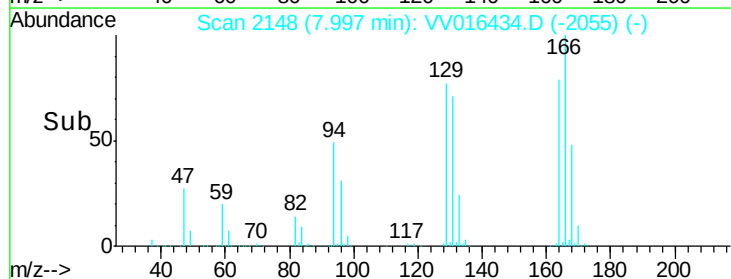
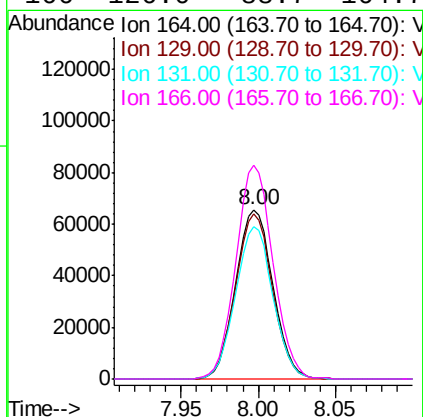
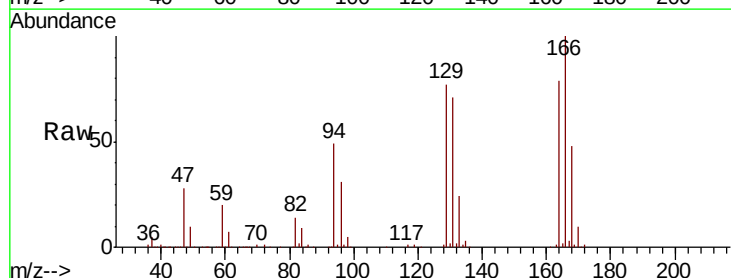
Instrument :
 MSVOA_V
 ClientSampleId :

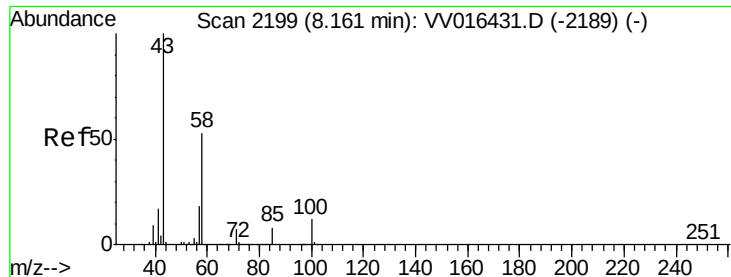
Tot Ion:	97	Resp:	133536
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.9	79.7
83	86.1	59.3	110.1
85	56.1	37.5	69.7



#46
 Tetrachloroethene
 Concen: 51.918 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion:	164	Resp:	110399
Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.7	125.7
131	89.9	63.8	118.6
166	126.0	88.7	164.7

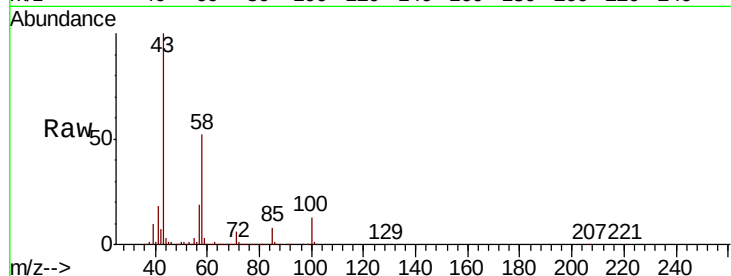




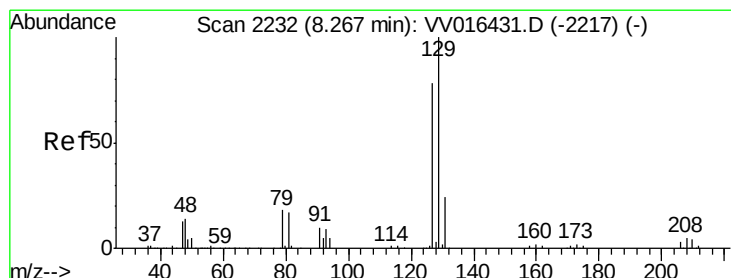
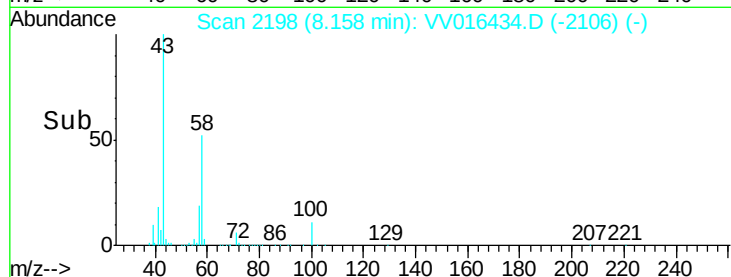
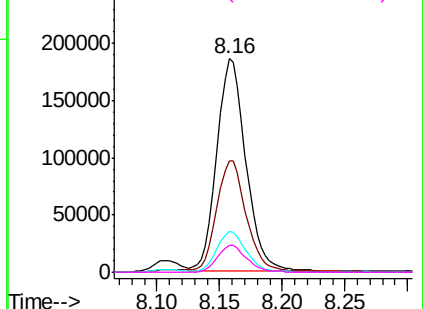
#48
2-Hexanone
Concen: 102.375 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 300014
Ion Ratio Lower Upper
43 100
58 54.2 42.7 64.1
57 19.0 14.5 21.7
100 12.5 9.4 14.2

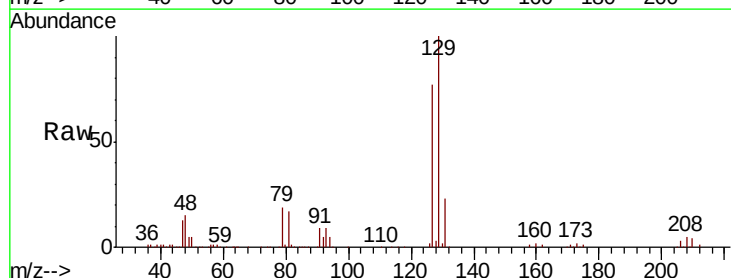


Abundance Ion 43.00 (42.70 to 43.70): VV016434.D (-2198) (-)
Ion 58.00 (57.70 to 58.70): VV016434.D (-2198) (-)
Ion 57.00 (56.70 to 57.70): VV016434.D (-2198) (-)
Ion 100.00 (99.70 to 100.70): VV016434.D (-2198) (-)

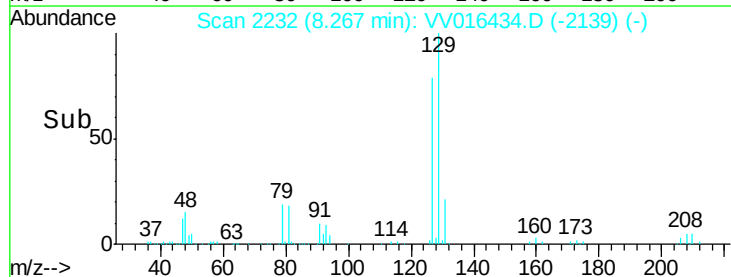
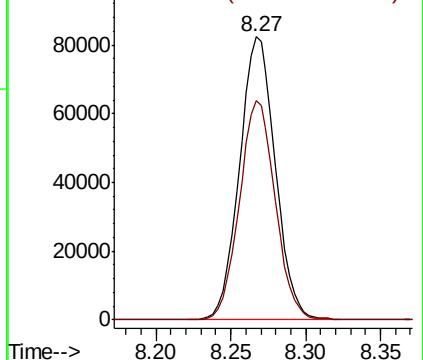


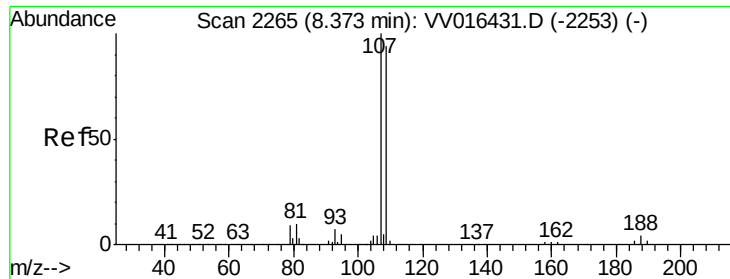
#49
Dibromochloromethane
Concen: 53.290 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV016434.D
Acq: 02 Jun 2020 18:10

Tgt Ion: 129 Resp: 137238
Ion Ratio Lower Upper
129 100
127 77.4 54.6 101.4



Abundance Ion 129.00 (128.70 to 129.70): VV016434.D (-2232) (-)
Ion 127.00 (126.70 to 127.70): VV016434.D (-2232) (-)

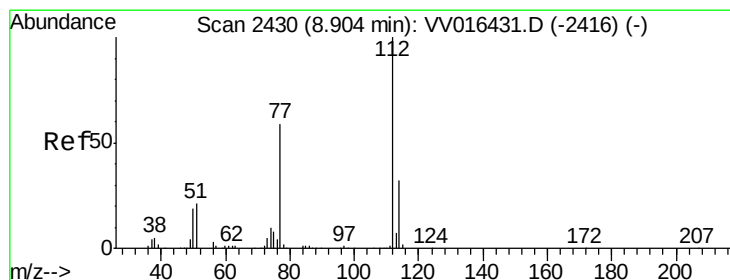
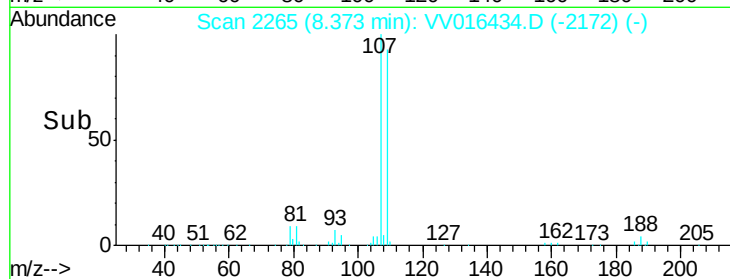
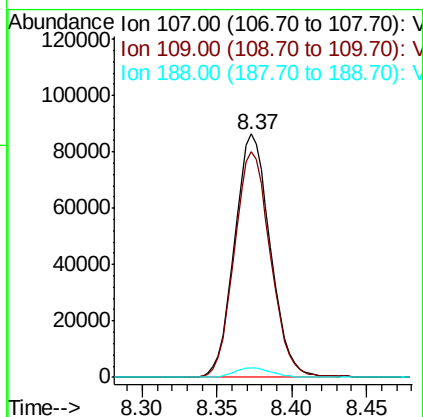
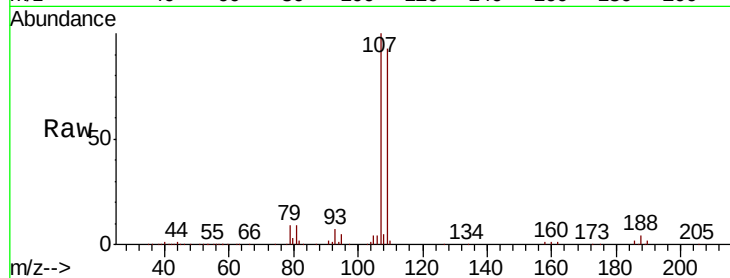




#50
 1,2-Dibromoethane
 Concen: 51.317 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

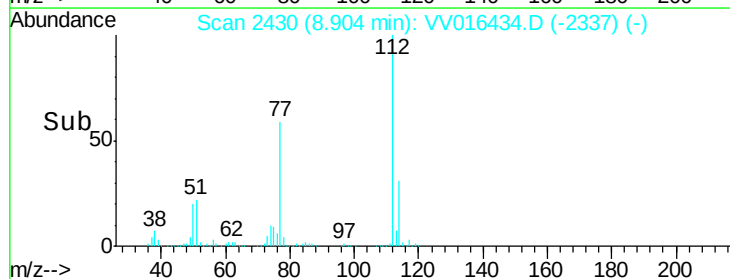
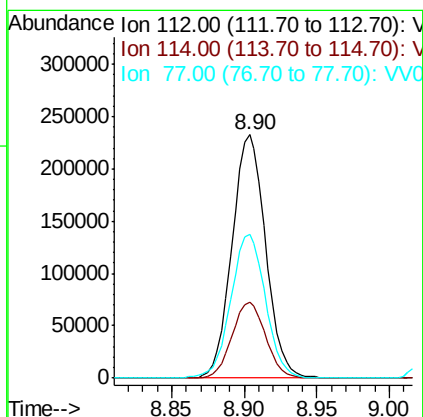
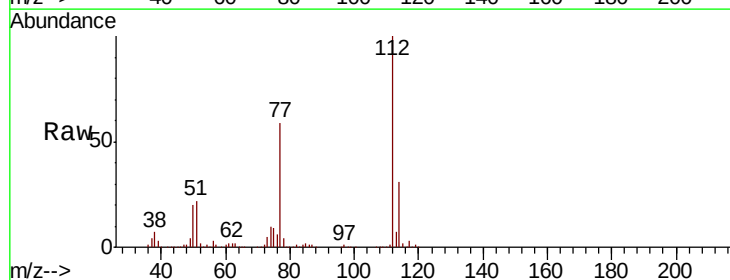
Instrument :
 MSVOA_V
 ClientSampleId :

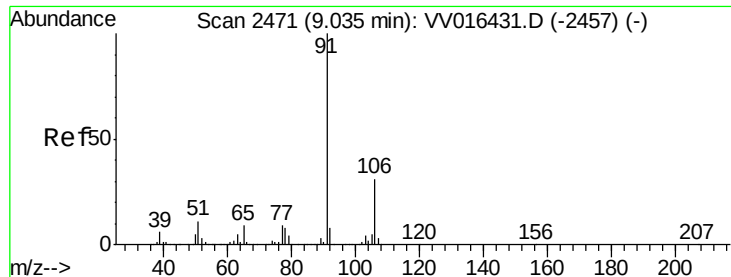
Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	65.9	122.3
188	3.9	2.8	4.2



#51
 Chlorobenzene
 Concen: 51.151 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	59.3	47.4	71.2





#52

Ethylbenzene

Concen: 52.865 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

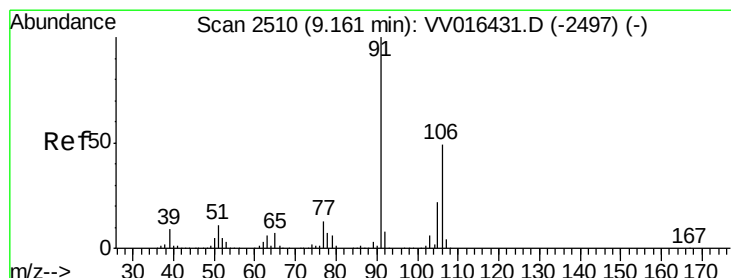
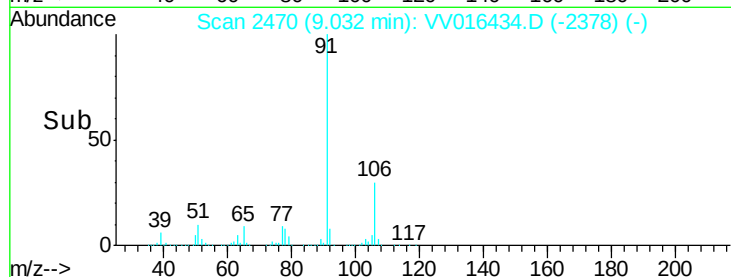
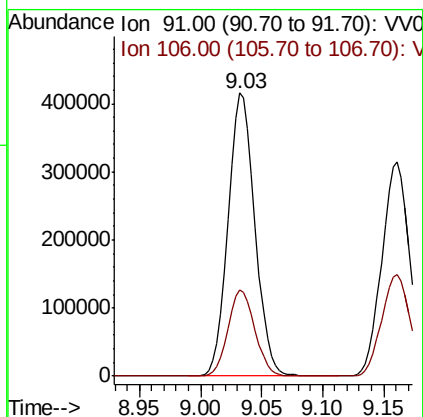
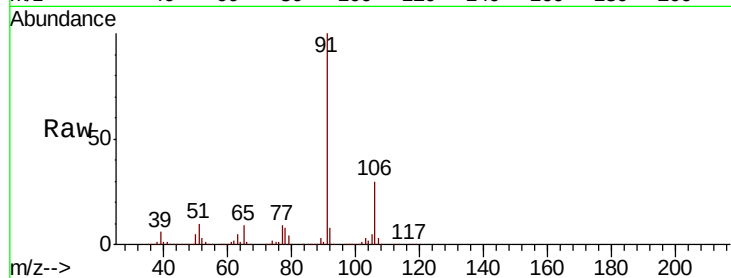
ClientSampleId :

Tot Ion: 91 Resp: 640808

Ion Ratio Lower Upper

91 100

106 30.4 21.8 40.4



#53

m,p-Xylene

Concen: 53.273 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016434.D

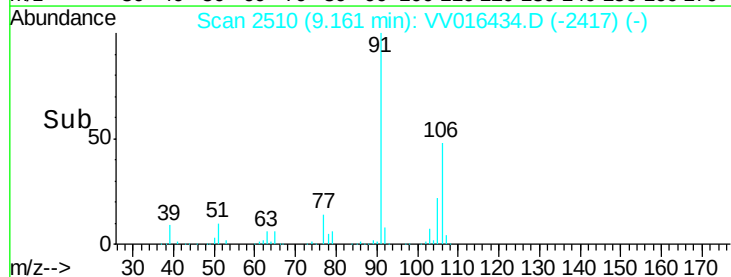
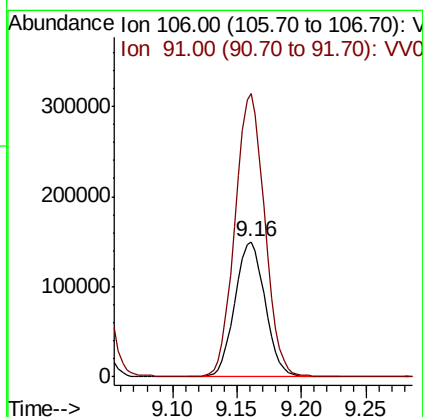
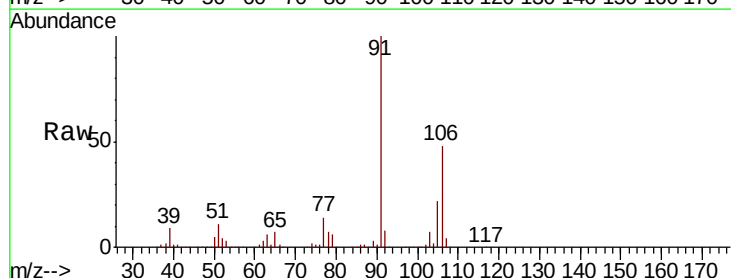
Acq: 02 Jun 2020 18:10

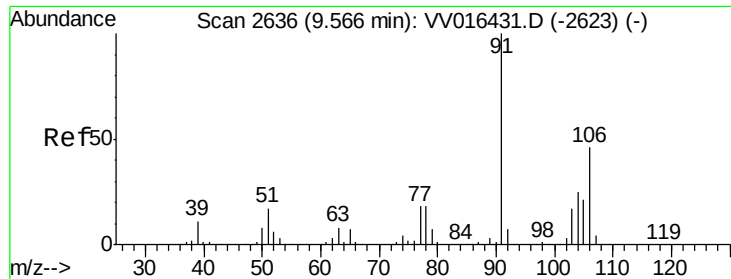
Tgt Ion: 106 Resp: 243497

Ion Ratio Lower Upper

106 100

91 209.4 142.5 264.6





#54

o-xylene

Concen: 53.583 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

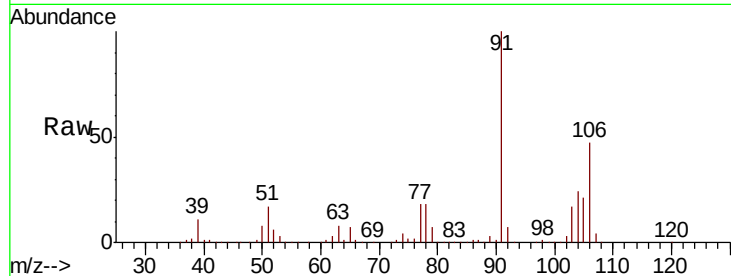
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 237195

Ion Ratio Lower Upper

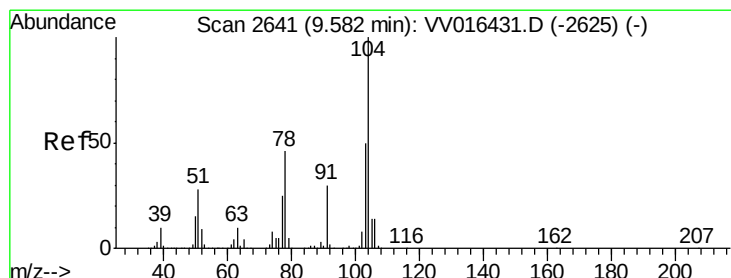
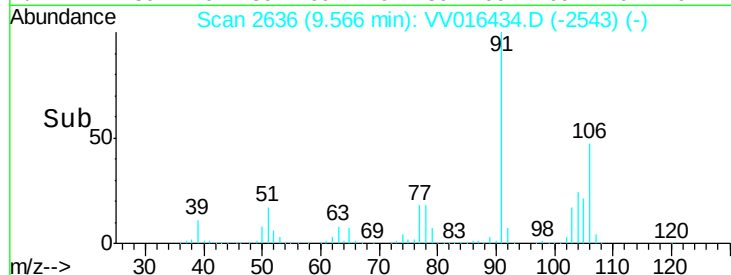
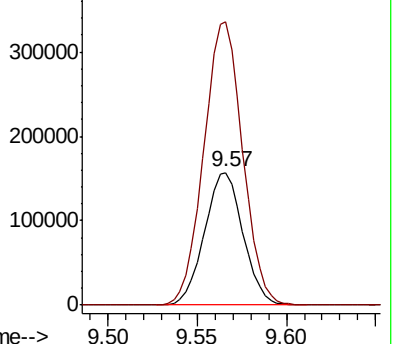
106 100

91 213.6 152.5 283.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 53.433 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV016434.D

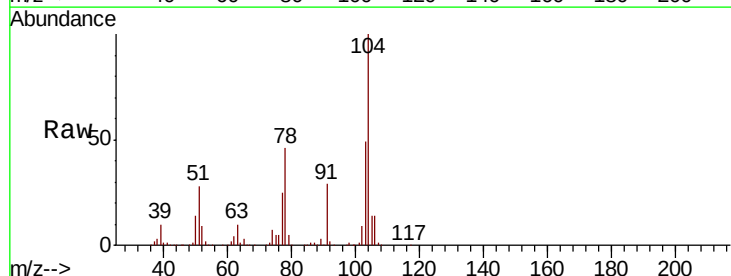
Acq: 02 Jun 2020 18:10

Tgt Ion:104 Resp: 414363

Ion Ratio Lower Upper

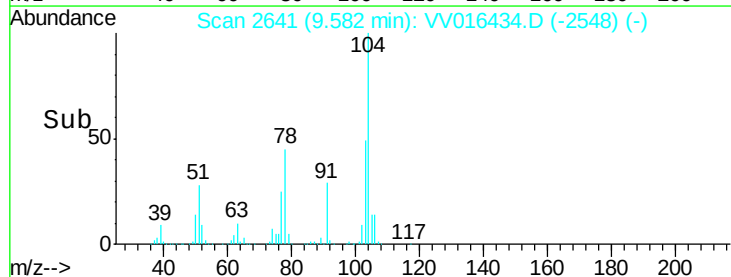
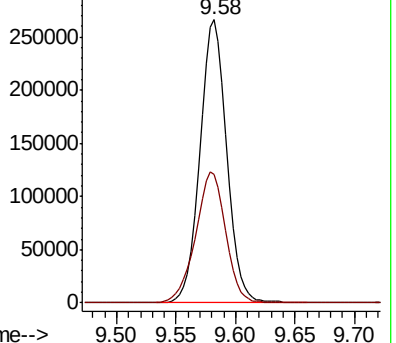
104 100

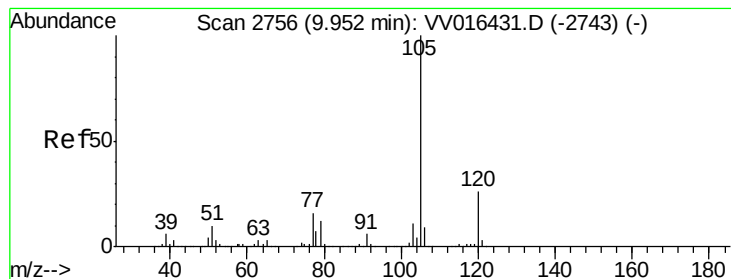
78 45.5 31.9 59.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 52.375 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :
MSVOA_V
ClientSampled :

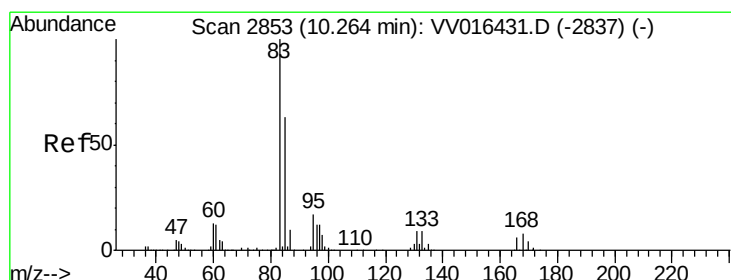
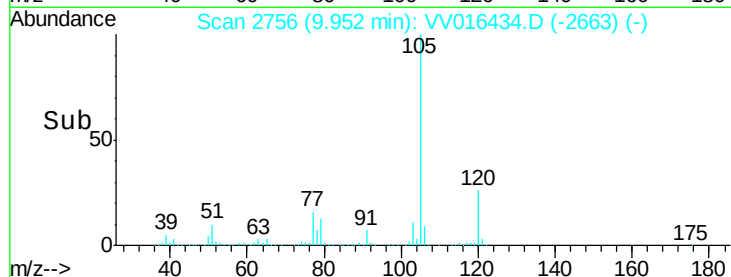
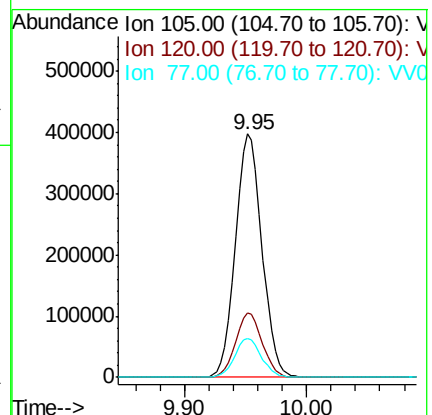
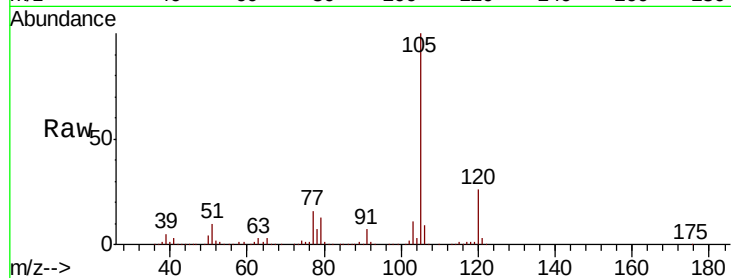
Tot Ion: 105 Resp: 602218

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

77 16.0 13.0 19.4



#58

1,1,2,2-Tetrachloroethane

Concen: 51.014 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

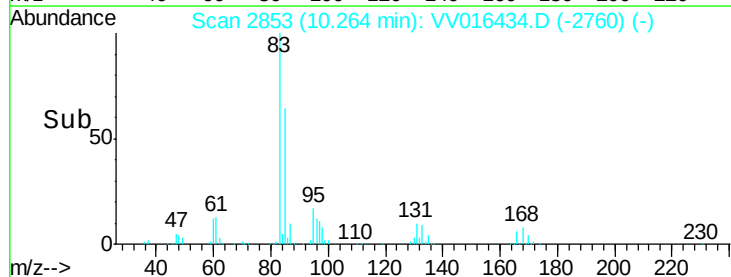
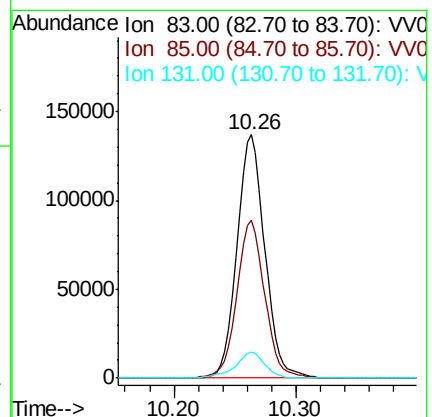
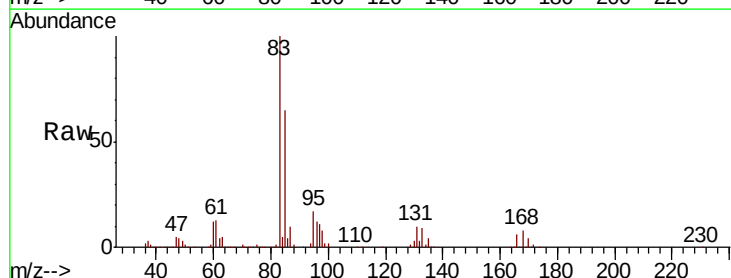
Tgt Ion: 83 Resp: 216777

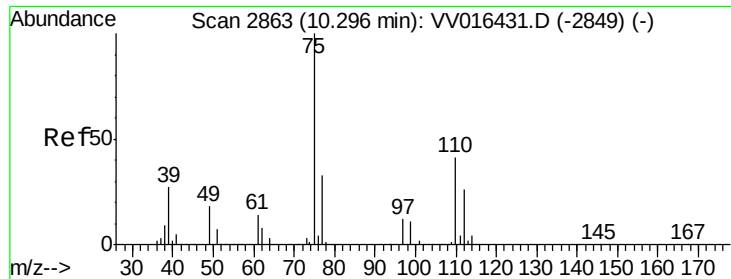
Ion Ratio Lower Upper

83 100

85 64.6 44.0 81.6

131 10.5 7.6 11.4





#59

1,2,3-Trichloropropane

Concen: 50.170 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

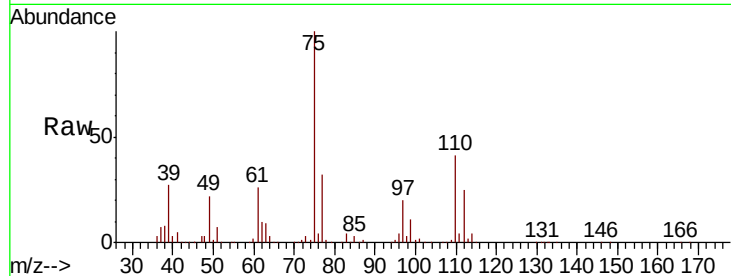
ClientSampled :

Tot Ion: 75 Resp: 171510

Ion Ratio Lower Upper

75 100

77 32.1 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

10.30

120000

100000

80000

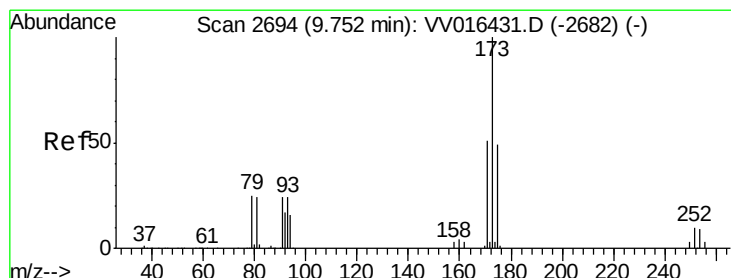
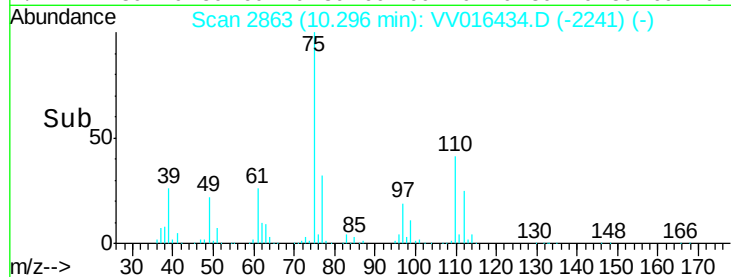
60000

40000

20000

0

Time-->



#61

Bromoform

Concen: 54.978 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

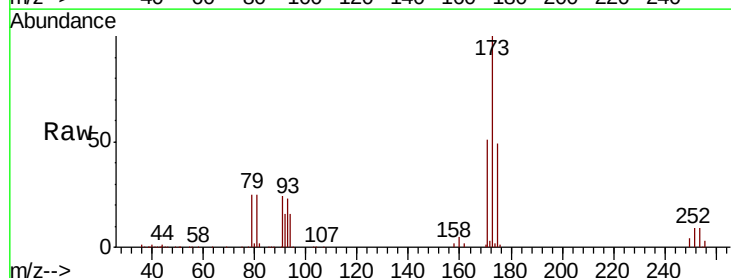
Tgt Ion:173 Resp: 82618

Ion Ratio Lower Upper

173 100

175 48.1 38.8 58.2

254 9.1 7.9 11.9



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

9.75

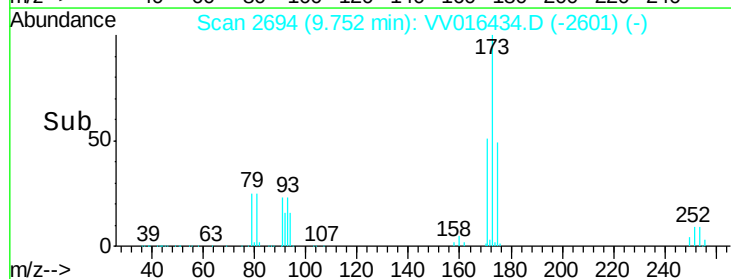
60000

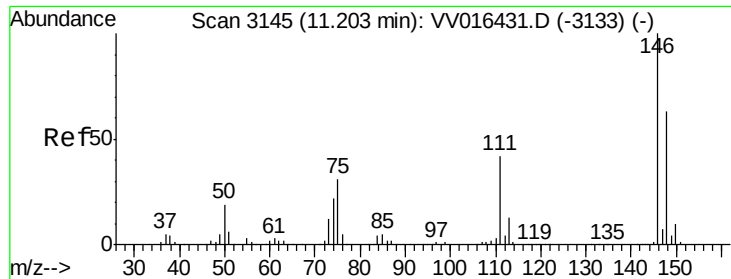
40000

20000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 51.625 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampled :

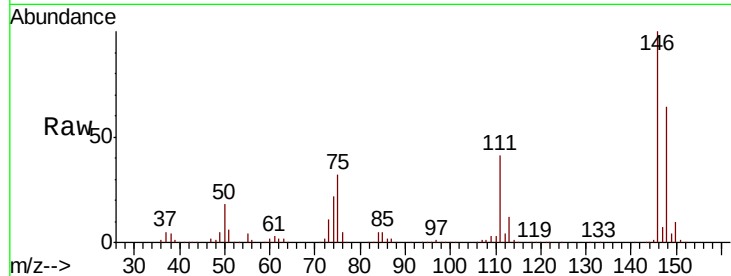
Tot Ion:146 Resp: 287064

Ion Ratio Lower Upper

146 100

111 40.7 29.8 55.3

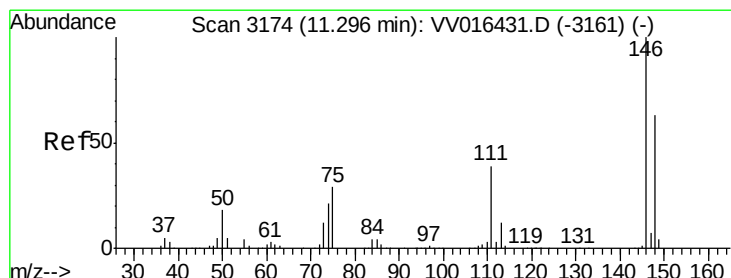
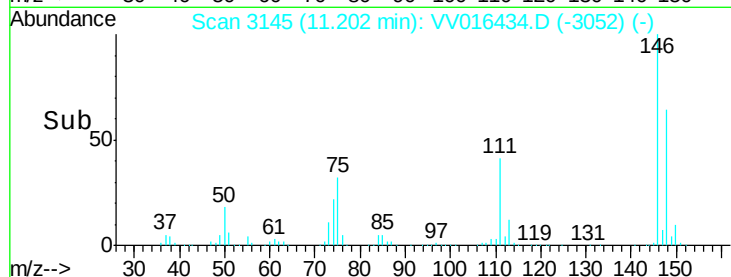
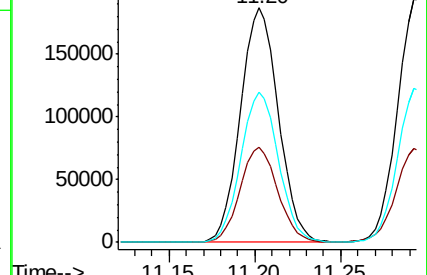
148 64.1 44.0 81.8



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



#63

1,4-Dichlorobenzene

Concen: 51.837 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

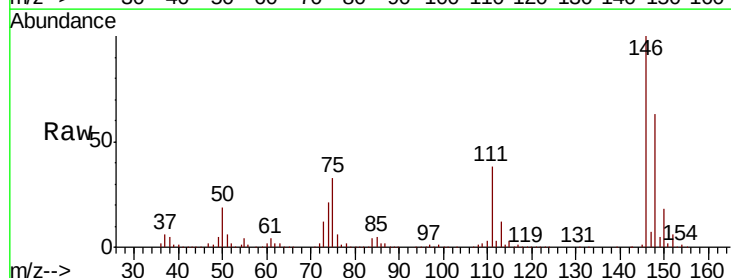
Tgt Ion:146 Resp: 299078

Ion Ratio Lower Upper

146 100

111 38.4 27.3 50.7

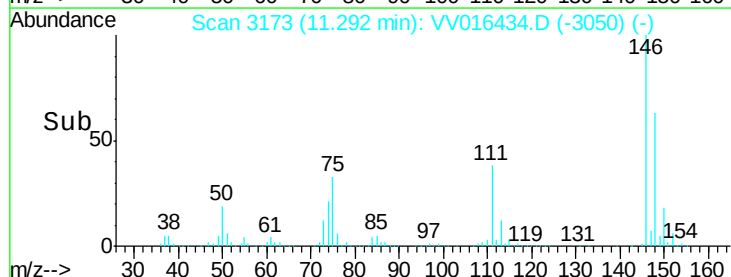
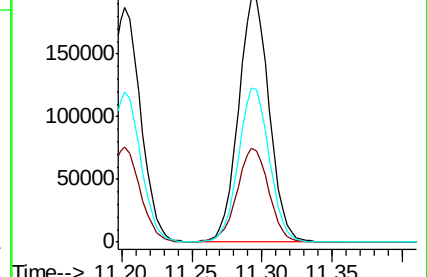
148 63.1 44.5 82.7

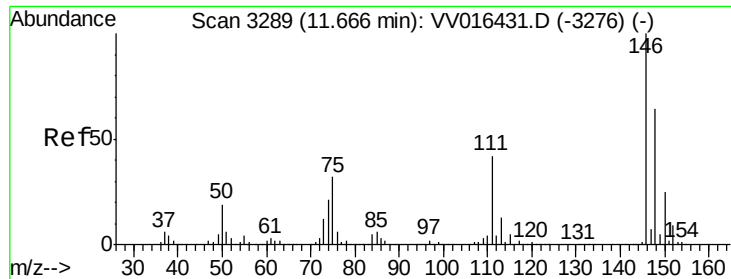


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

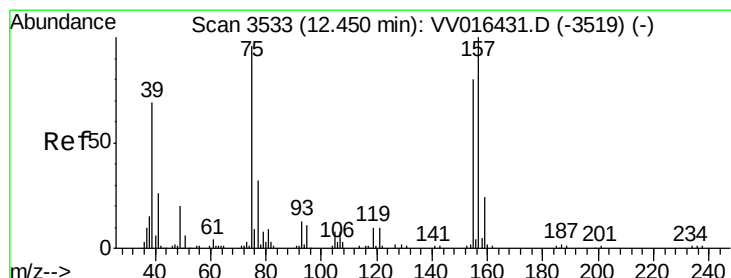
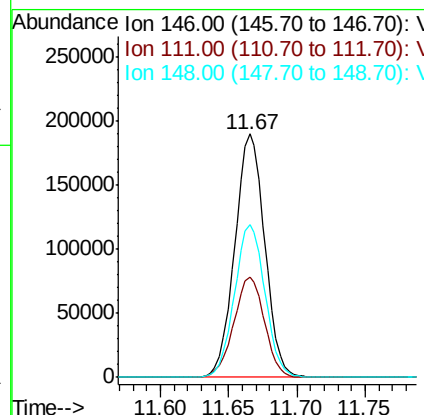
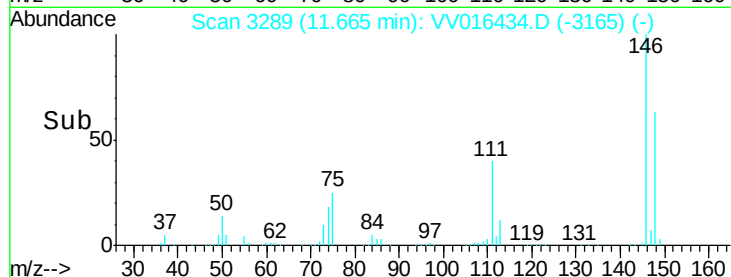
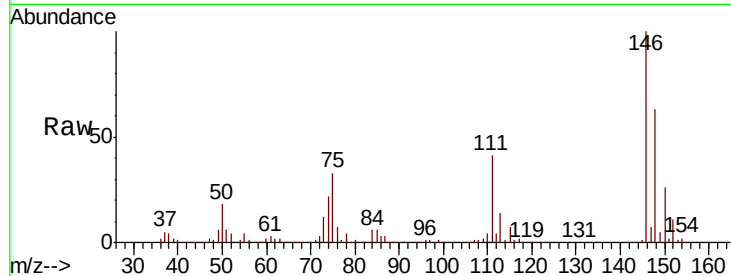




#65
 1,2-Dichlorobenzene
 Concen: 51.583 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

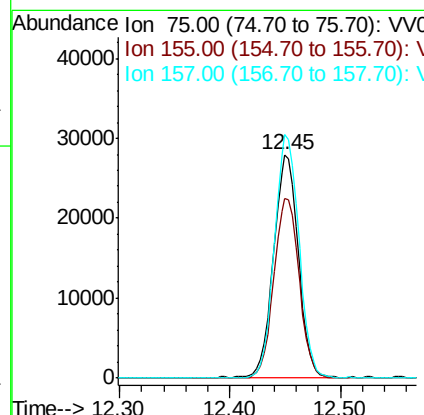
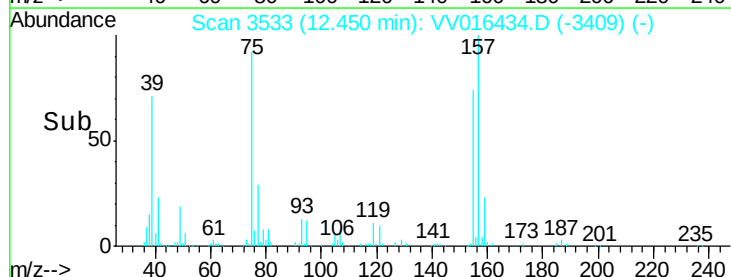
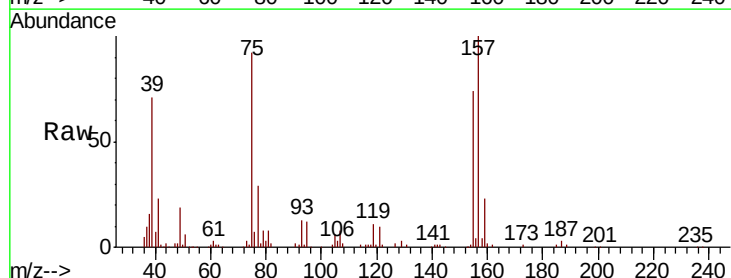
Instrument :
 MSVOA_V
 ClientSampled :

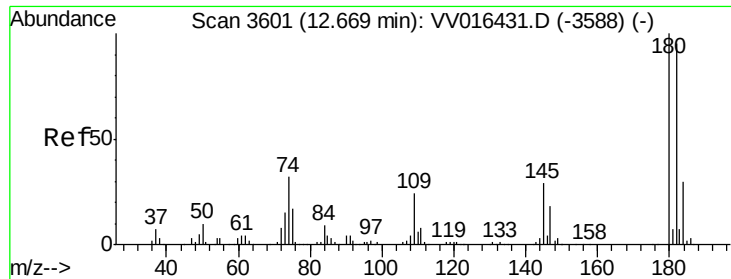
Tot Ion:146 Resp: 288709
 Ion Ratio Lower Upper
 146 100
 111 41.3 33.6 50.4
 148 63.0 51.5 77.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 51.433 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion: 75 Resp: 43686
 Ion Ratio Lower Upper
 75 100
 155 80.4 66.2 99.2
 157 109.0 83.0 124.4

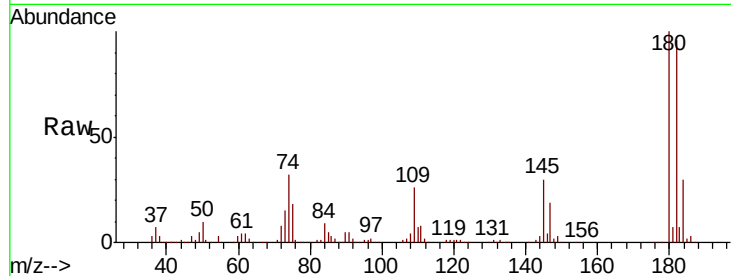




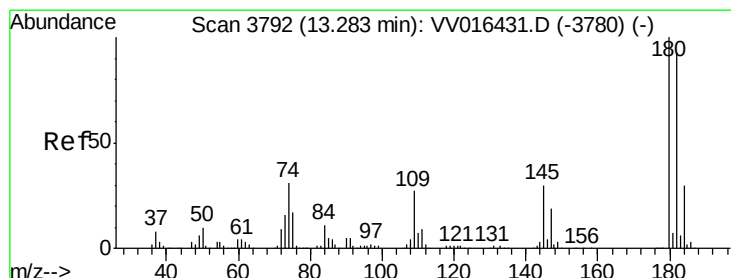
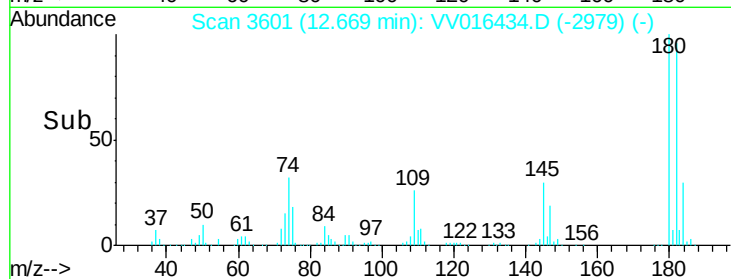
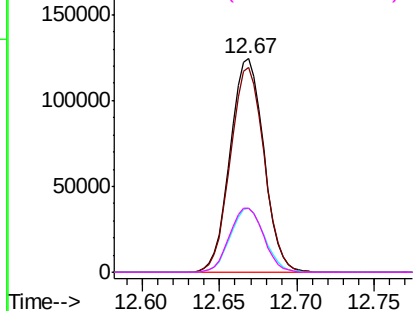
#67
 1,3,5-Trichlorobenzene
 Concen: 50.244 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
184	30.4	24.4	36.6
145	30.3	24.2	36.2

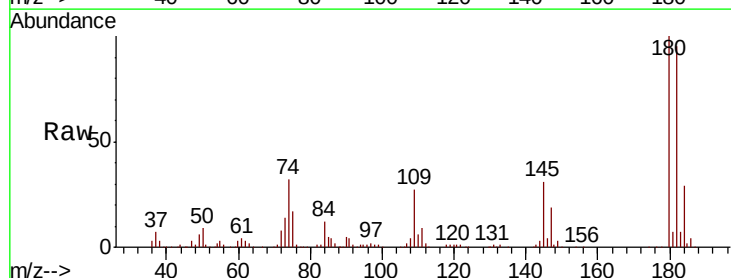


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

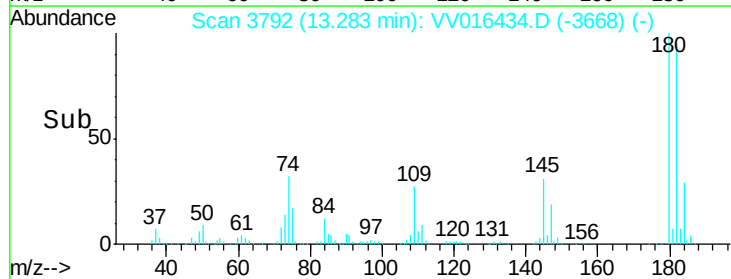
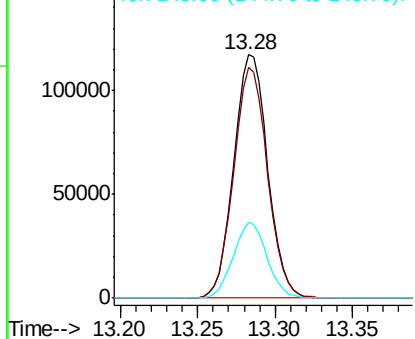


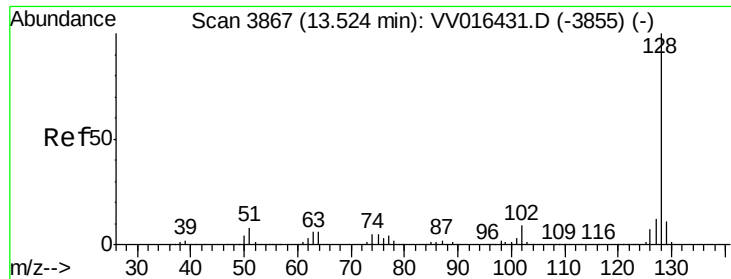
#68
 1,2,4-trichlorobenzene
 Concen: 51.442 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV016434.D
 Acq: 02 Jun 2020 18:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.6	111.8
145	30.9	24.5	36.7



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: 53.849 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

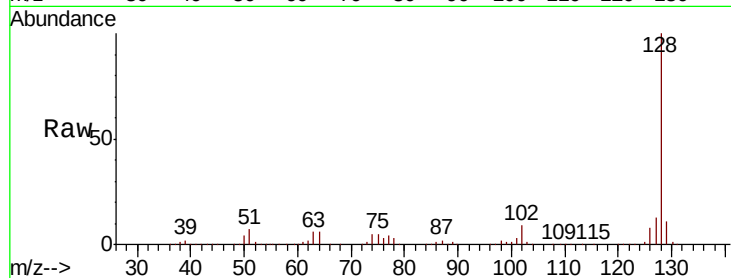
Tot Ion:128 Resp: 572439

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

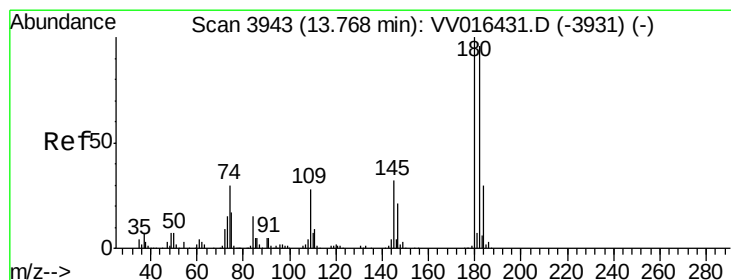
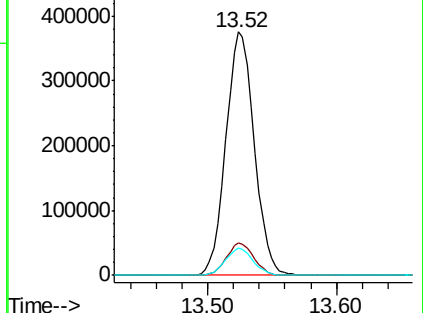
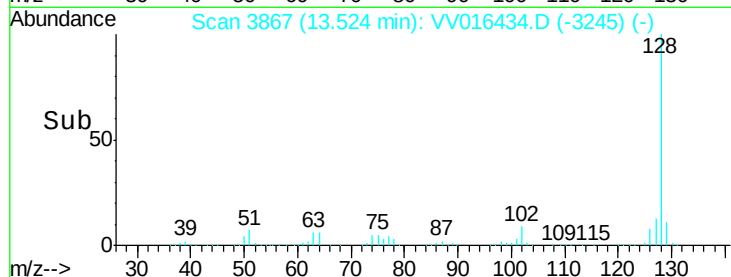
129 10.8 8.7 13.1



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: 51.867 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV016434.D

Acq: 02 Jun 2020 18:10

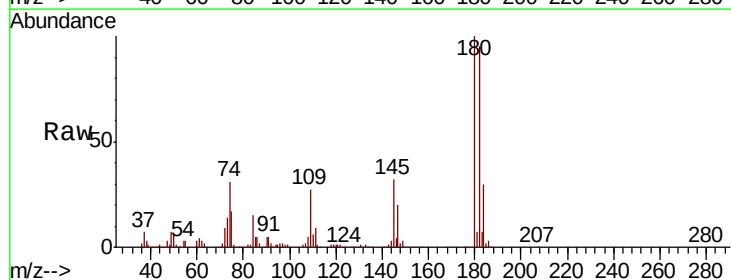
Tgt Ion:180 Resp: 170764

Ion Ratio Lower Upper

180 100

182 94.5 76.0 114.0

145 32.6 26.5 39.7



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

