

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016774.D
 Acq On : 02 Oct 2020 19:42
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 04:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	514304	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	464838	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238058	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	87274	17.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
7) Chloroethane-d5	2.91	69	83971	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
10) 1,1-Dichloroethene-d2	4.04	63	218098	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.40%
20) 2-Butanone-d5	7.09	46	62685	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
24) Chloroform-d	7.66	84	274823	25.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	8.31	65	129998	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.16%
29) Benzene-d6	8.28	84	465918	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	9.28	67	141542	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	10.33	98	414184	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.76%
38) trans-1,3-Dichloropropene-	10.59	79	59561	20.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.64%
39) 2-Hexanone-d5	10.93	63	53616	52.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130477	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	196200	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.03	85	151844	23.899	ug/L	95
3) Chloromethane	2.23	50	122617	26.375	ug/L	97
5) Vinyl chloride	2.38	62	183366	26.729	ug/L	99
6) Bromomethane	2.80	94	127128	24.422	ug/L	98
8) Chloroethane	2.95	64	111137	27.385	ug/L	98
9) Trichlorofluoromethane	3.28	101	161857	23.401	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	178549	26.945	ug/L	97
12) 1,1-Dichloroethene	4.05	96	171916	26.390	ug/L	92
13) Acetone	4.15	43	42397	39.878	ug/L	96
14) Carbon disulfide	4.40	76	465216	23.671	ug/L	100
15) Methyl Acetate	4.69	43	51887	21.433	ug/L	98
16) Methylene chloride	4.93	84	172429	21.738	ug/L	98
17) Methyl tert-butyl Ether	5.44	73	207940	23.305	ug/L	97
18) trans-1,2-Dichloroethene	5.44	96	177585	26.324	ug/L	95
19) 1,1-Dichloroethane	6.23	63	287725	26.969	ug/L	98
21) 2-Butanone	7.18	43	65815	36.387	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	191269	27.325	ug/L	96

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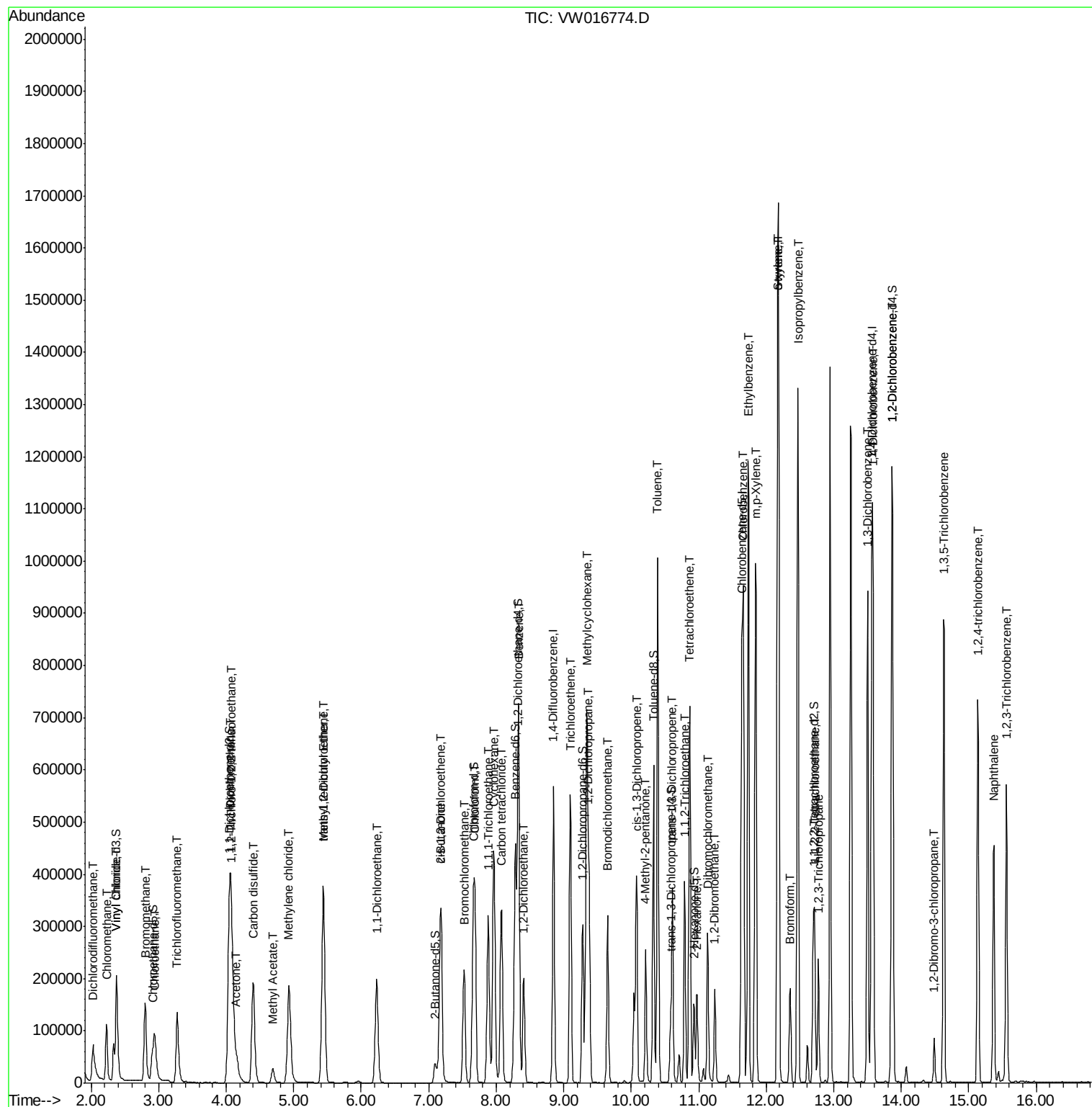
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	87716	25.776	ug/L	95
25) Chloroform	7.68	83	311460	26.777	ug/L	99
27) 1,2-Dichloroethane	8.41	62	183773	24.624	ug/L	98
30) Cyclohexane	7.96	56	252720	24.879	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	272729	25.122	ug/L	98
32) Carbon tetrachloride	8.08	117	265471	25.169	ug/L	98
34) Benzene	8.33	78	679806	27.285	ug/L	100
35) Trichloroethene	9.10	95	190435	26.418	ug/L	99
36) Methylcyclohexane	9.34	83	315518	25.805	ug/L	98
40) 1,2-Dichloropropane	9.37	63	154444	26.653	ug/L	99
41) Bromodichloromethane	9.65	83	218565	25.453	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	244702	24.723	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	154471	41.957	ug/L	97
44) Toluene	10.39	91	758226	27.064	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	206209	23.945	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	124129	25.427	ug/L	96
47) Tetrachloroethene	10.87	164	175170	26.912	ug/L	93
49) 2-Hexanone	10.98	43	104044	44.529	ug/L	97
50) Dibromochloromethane	11.13	129	155983	24.473	ug/L	94
51) 1,2-Dibromoethane	11.24	107	120694	24.693	ug/L	93
52) Chlorobenzene	11.66	112	504713	26.820	ug/L	100
53) Ethylbenzene	11.73	91	857795	26.968	ug/L	98
54) m,p-Xylene	11.84	106	334165	26.830	ug/L	99
55) o-xylene	12.17	106	315908	26.476	ug/L	93
56) Styrene	12.18	104	535503	27.027	ug/L	96
57) Isopropylbenzene	12.47	105	885273	27.152	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	136897	25.077	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	97988	24.099	ug/L	99
62) Bromoform	12.35	173	84209	20.972	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	418569	27.032	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	404788	26.694	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	367785	26.582	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	20687	20.859	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	312554	27.600	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	256076	27.953	ug/L	99
69) Naphthalene	15.37	128	417562	25.713	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	217184	27.566	ug/L	99

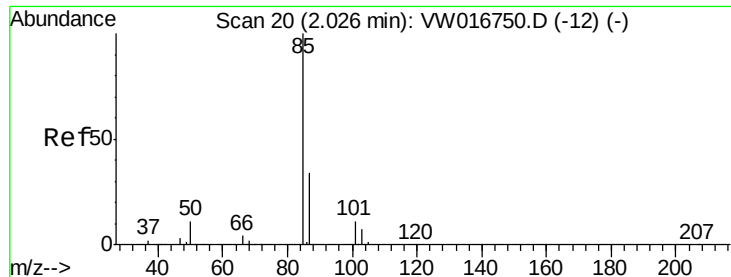
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 23.899 ug/L

RT: 2.03 min Scan# 20

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

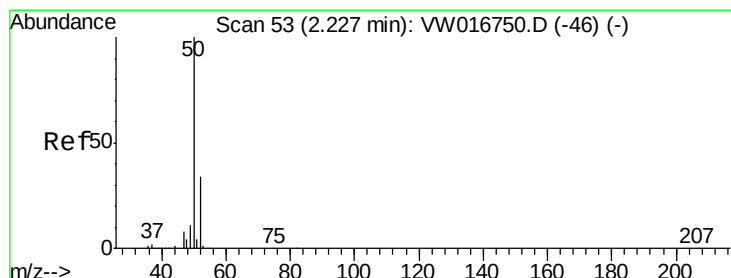
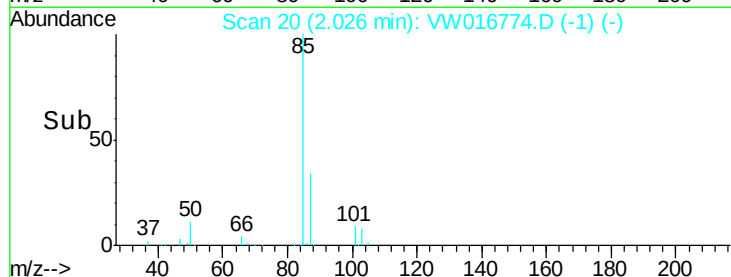
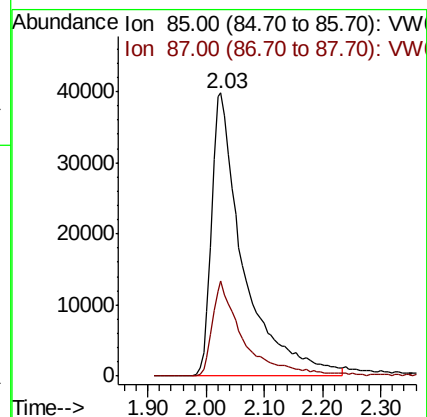
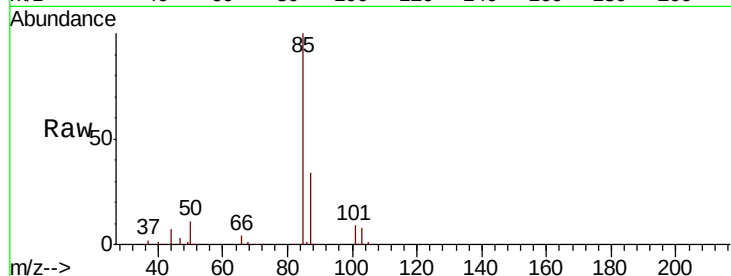
ClientSampled :

Tot Ion: 85 Resp: 151844

Ion Ratio Lower Upper

85 100

87 29.1 22.2 41.2



#3

Chloromethane

Concen: 26.375 ug/L

RT: 2.23 min Scan# 53

Delta R.T. 0.00 min

Lab File: VW016774.D

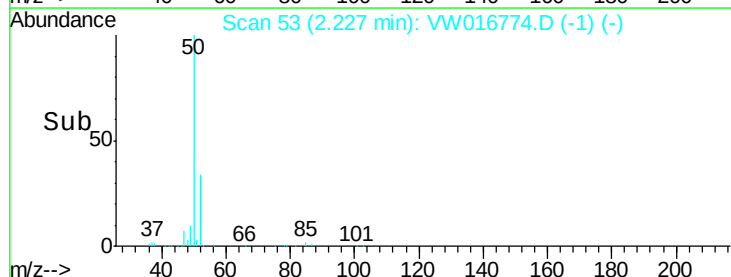
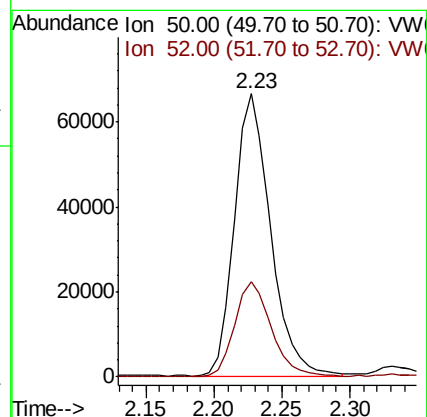
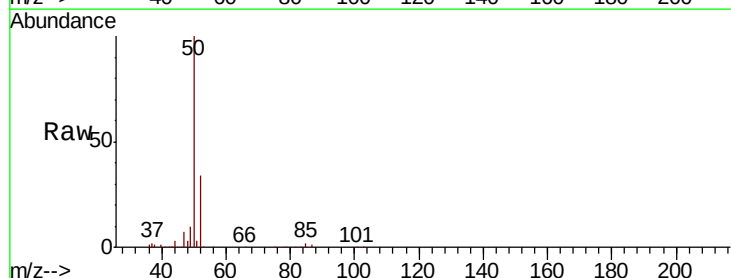
Acq: 02 Oct 2020 19:42

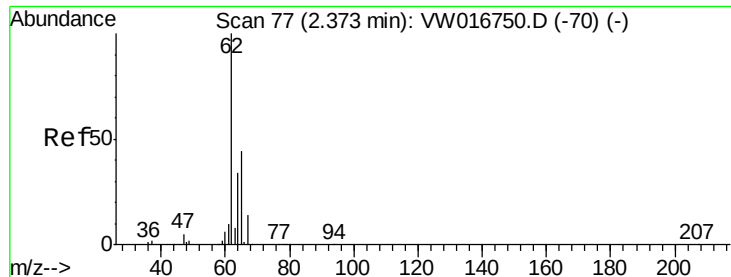
Tgt Ion: 50 Resp: 122617

Ion Ratio Lower Upper

50 100

52 33.7 22.4 41.6





#5

Vinyl chloride

Concen: 26.729 ug/L

RT: 2.38 min Scan# 78

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

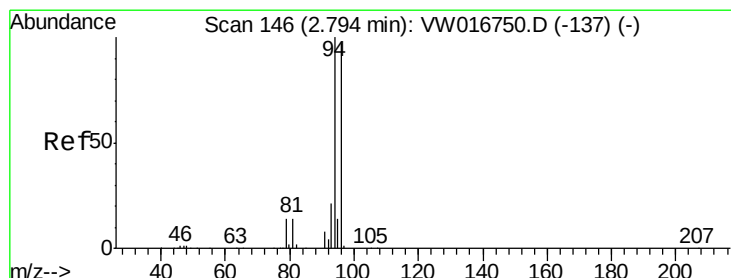
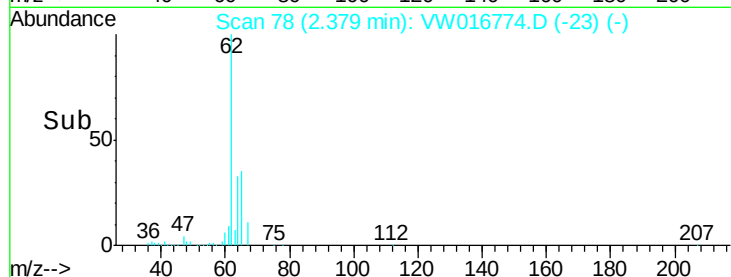
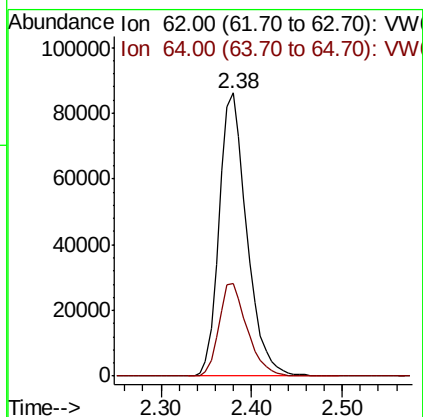
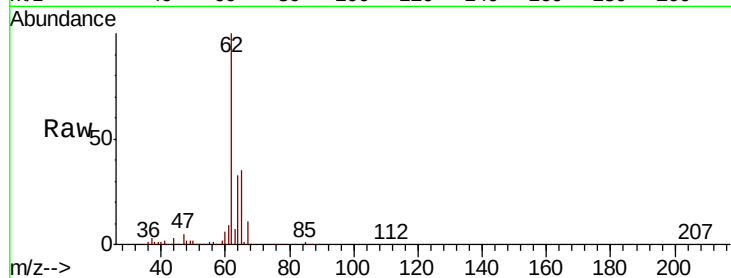
ClientSampleId :

Tot Ion: 62 Resp: 183366

Ion Ratio Lower Upper

62 100

64 32.7 23.4 43.4



#6

Bromomethane

Concen: 24.422 ug/L

RT: 2.80 min Scan# 147

Delta R.T. 0.01 min

Lab File: VW016774.D

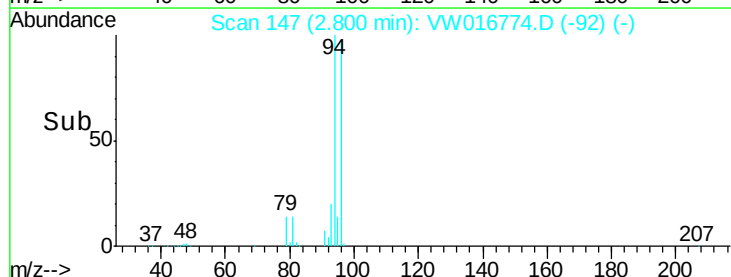
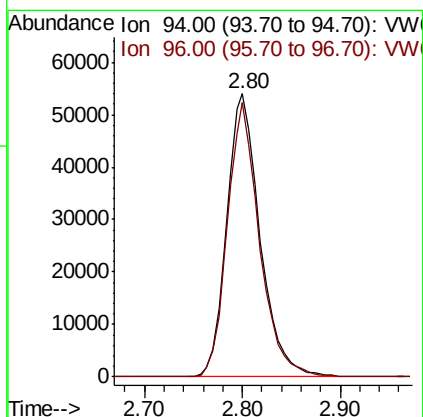
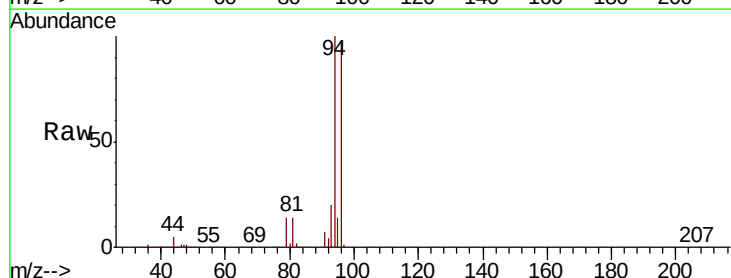
Acq: 02 Oct 2020 19:42

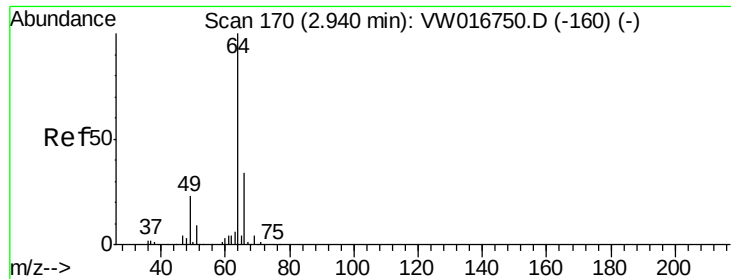
Tgt Ion: 94 Resp: 127128

Ion Ratio Lower Upper

94 100

96 93.9 9.6 181.6

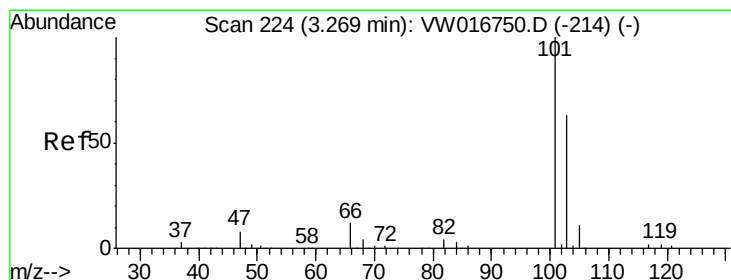
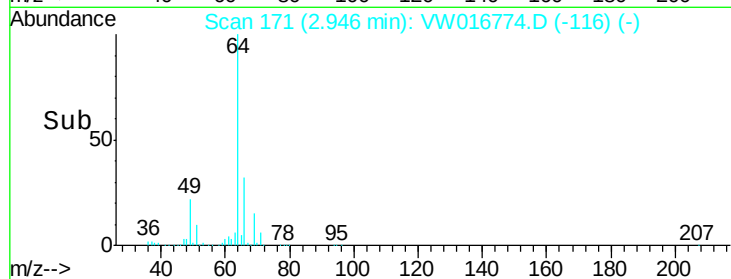
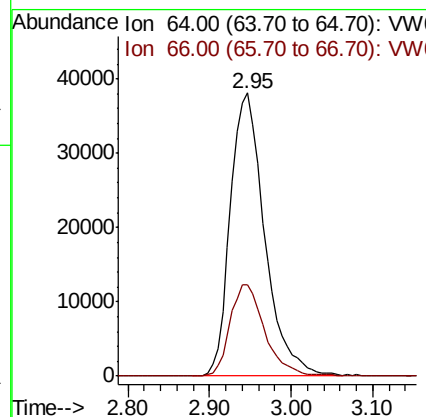
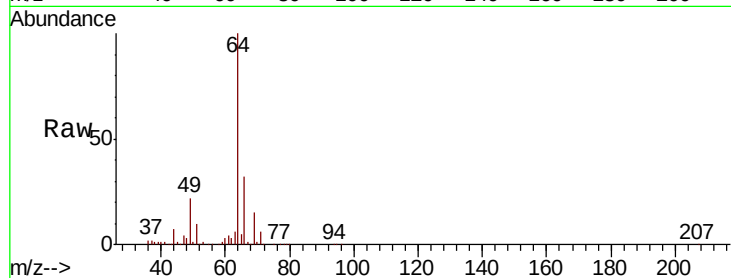




#8
Chloroethane
Concen: 27.385 ug/L
RT: 2.95 min Scan# 171
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

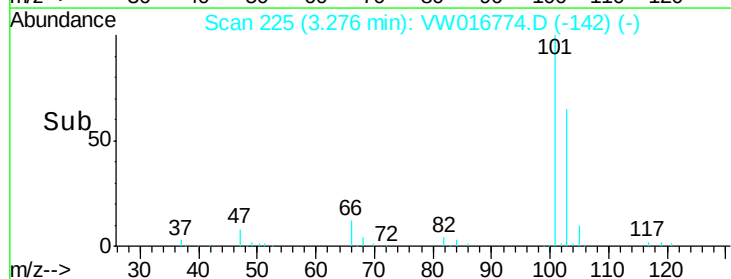
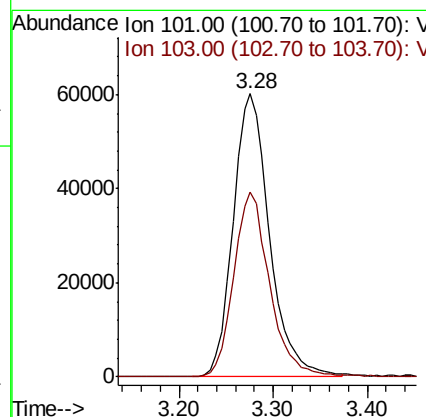
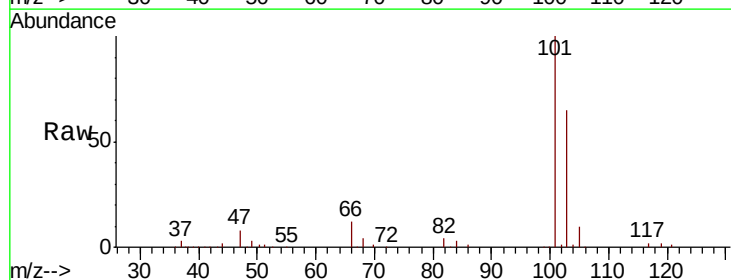
Instrument :
MSVOA_W
ClientSampled :

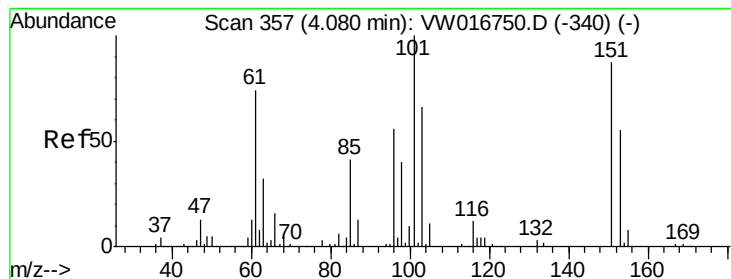
Tot Ion: 64 Resp: 111137
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 23.401 ug/L
RT: 3.28 min Scan# 225
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion:101 Resp: 161857
Ion Ratio Lower Upper
101 100
103 64.5 45.2 84.0





#11

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

Concen: 26.945 ug/L

RT: 4.09 min Scan# 358

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

ClientSampled :

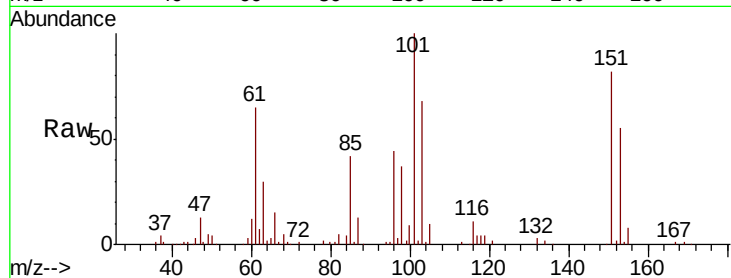
Tot Ion: 101 Resp: 178549

Ion Ratio Lower Upper

101 100

85 42.3 32.6 49.0

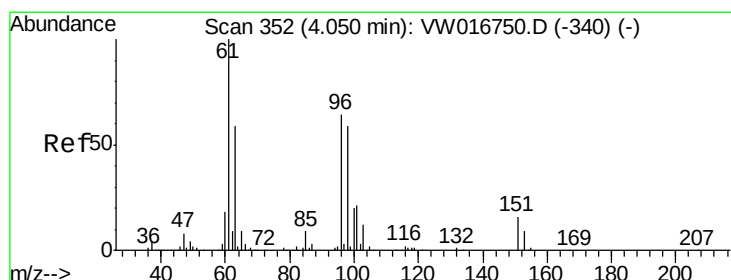
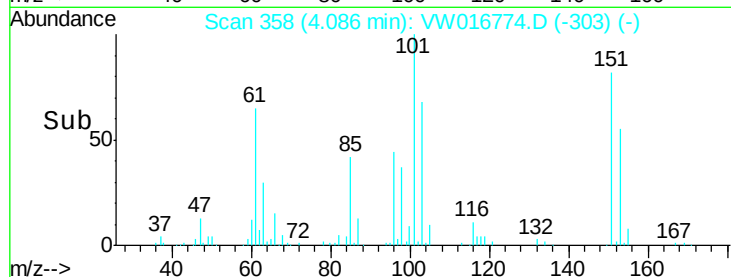
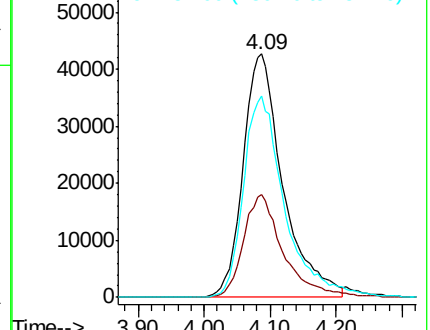
151 85.3 66.0 99.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 26.390 ug/L

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

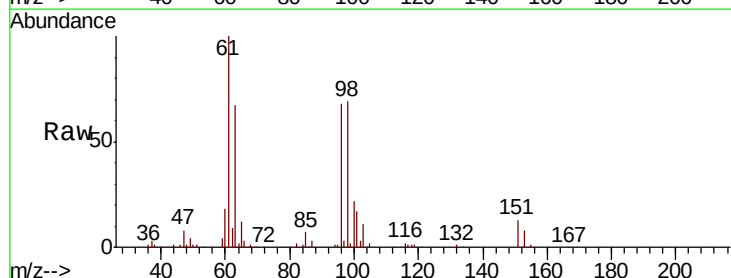
Tgt Ion: 96 Resp: 171916

Ion Ratio Lower Upper

96 100

61 147.5 111.4 206.8

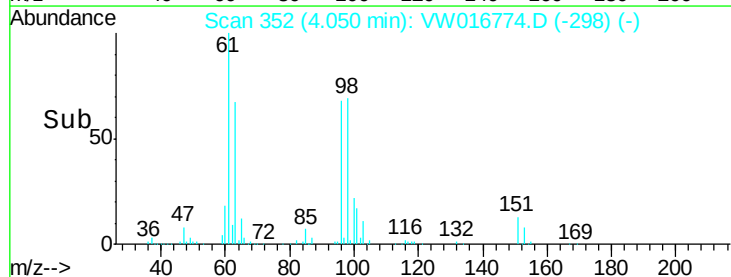
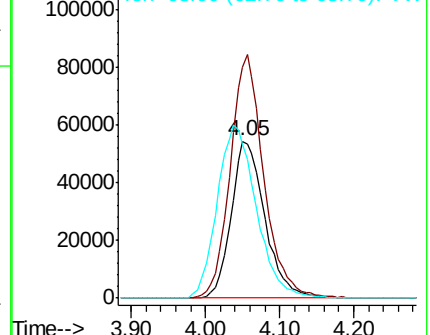
63 98.5 73.0 135.6

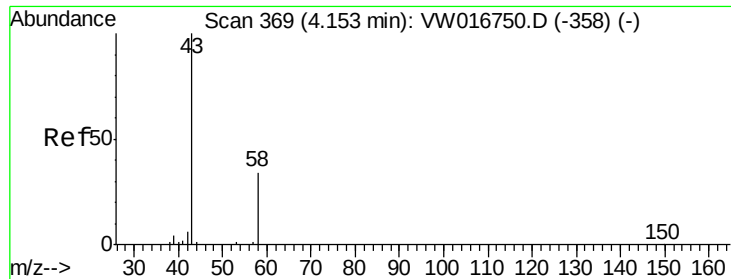


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 39.878 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

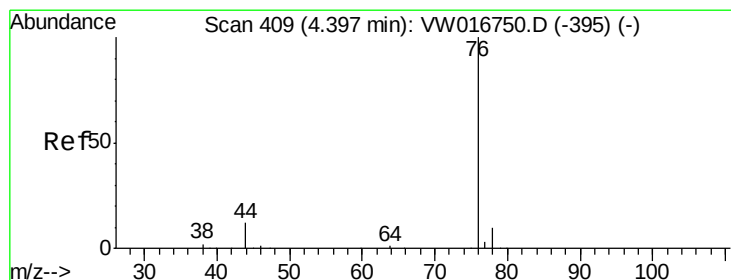
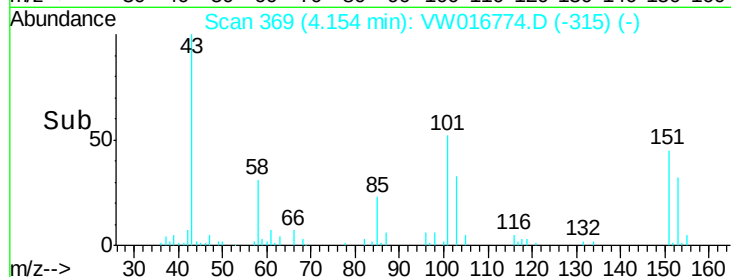
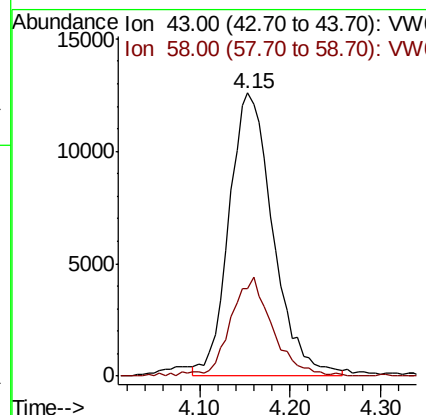
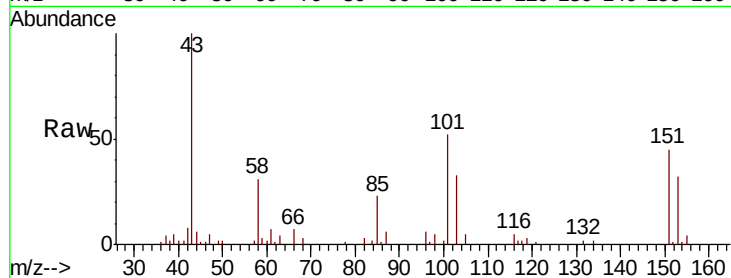
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 42397

Ion Ratio Lower Upper

43 100

58 32.3 0.0 60.2



#14

Carbon disulfide

Concen: 23.671 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.00 min

Lab File: VW016774.D

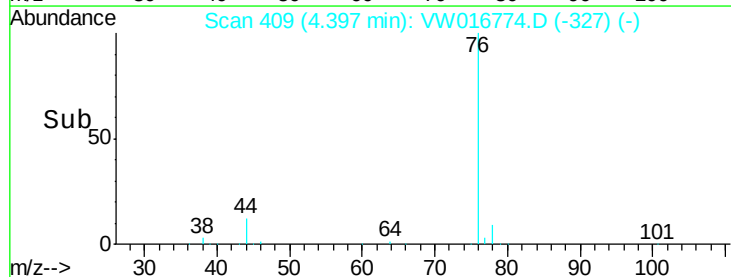
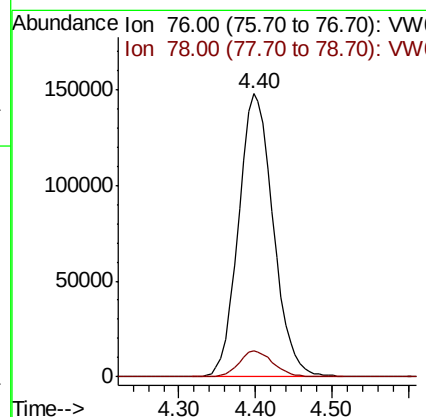
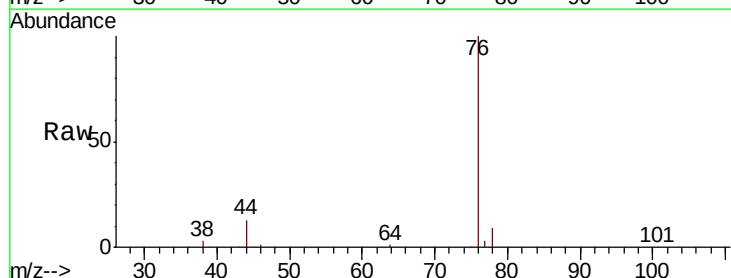
Acq: 02 Oct 2020 19:42

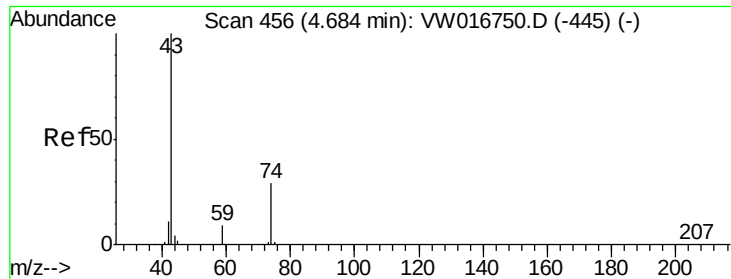
Tgt Ion: 76 Resp: 465216

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

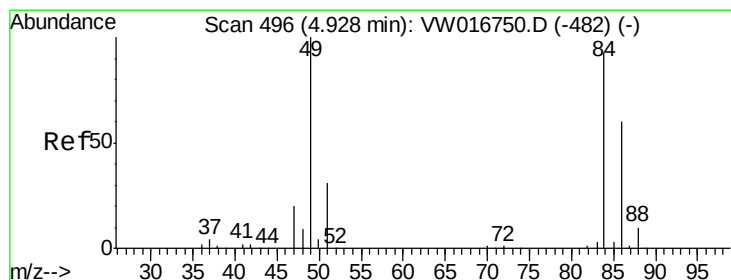
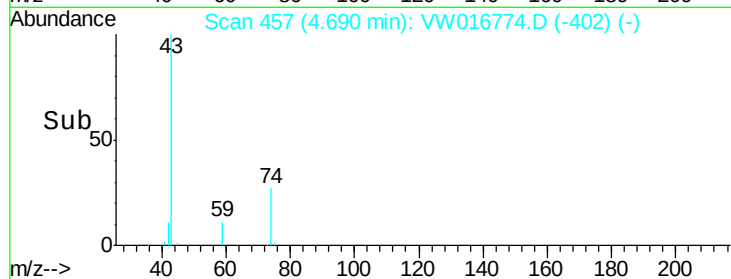
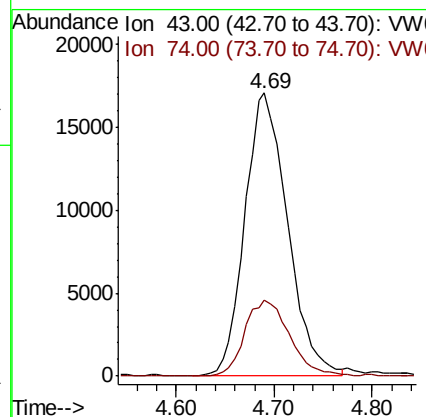
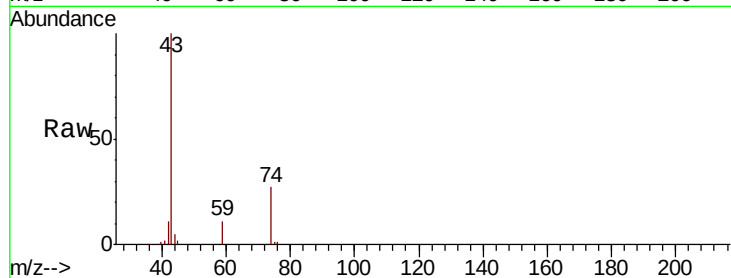




#15
Methvl Acetate
Concen: 21.433 ug/L
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

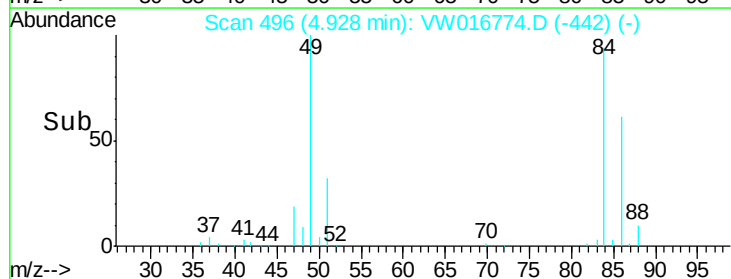
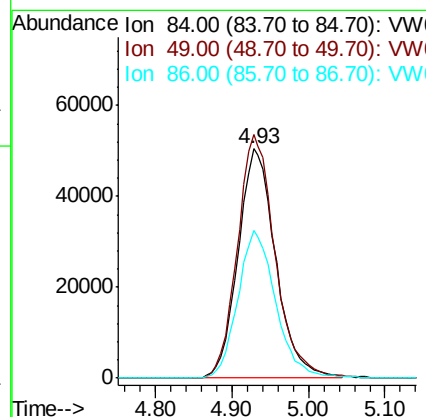
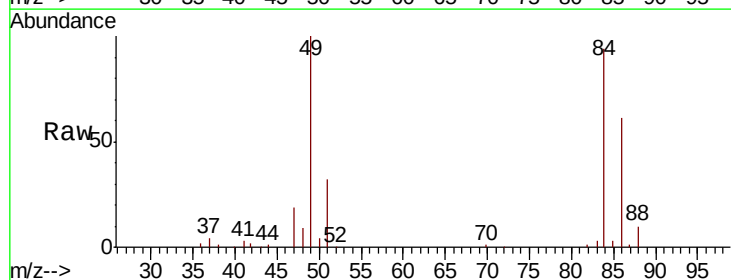
Instrument :
MSVOA_W
ClientSampleId :

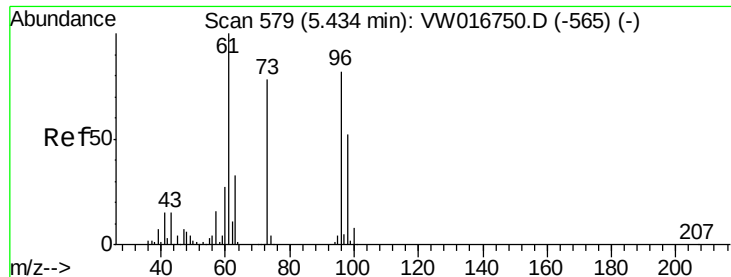
Tot Ion: 43 Resp: 51887
Ion Ratio Lower Upper
43 100
74 28.0 21.5 32.3



#16
Methylene chloride
Concen: 21.738 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion: 84 Resp: 172429
Ion Ratio Lower Upper
84 100
49 106.1 76.0 141.2
86 64.3 45.6 84.6

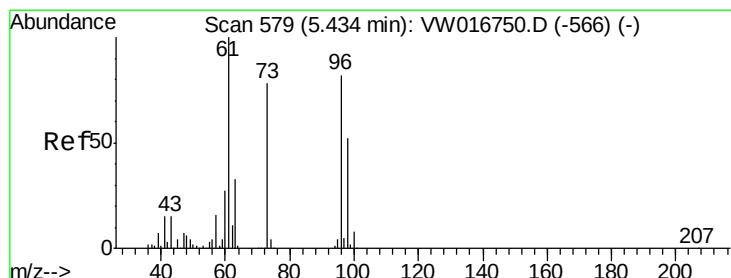
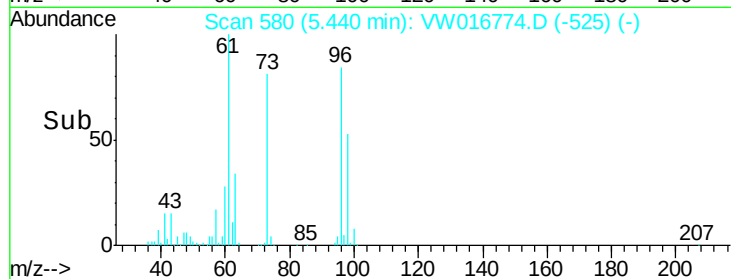
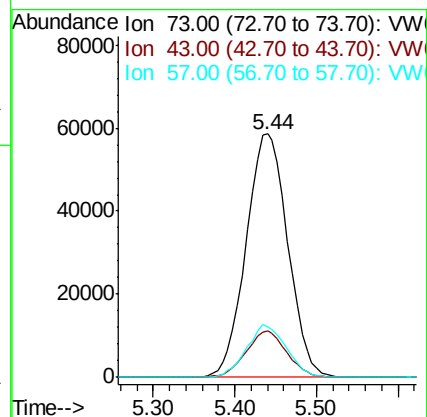
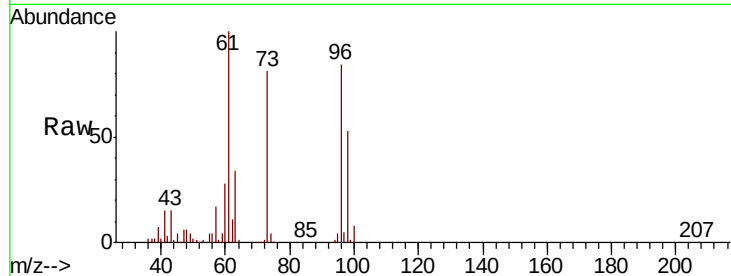




#17
Methyl tert-butyl Ether
Concen: 23.305 ug/L
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

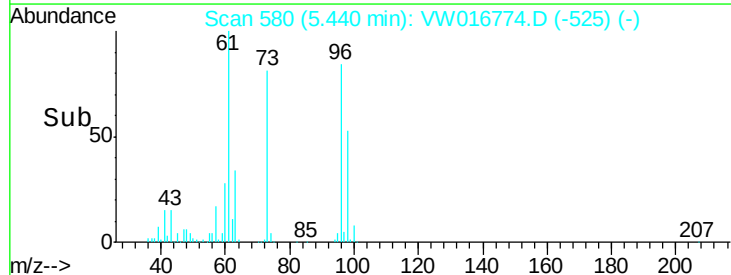
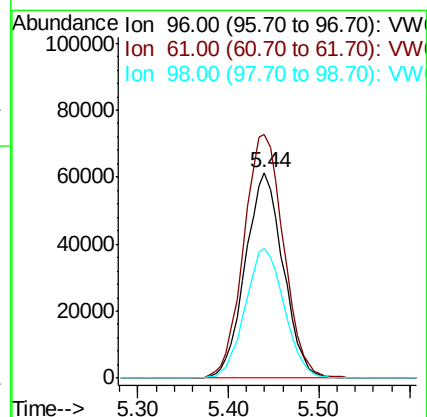
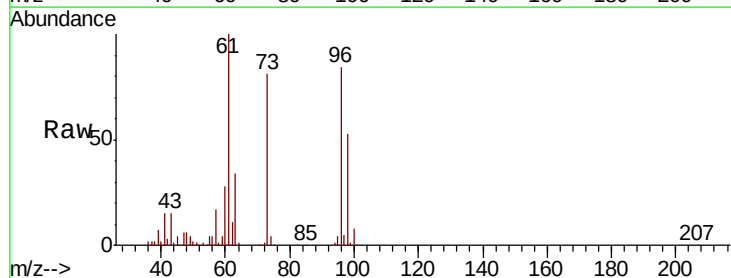
Instrument :
MSVOA_W
ClientSampleId :

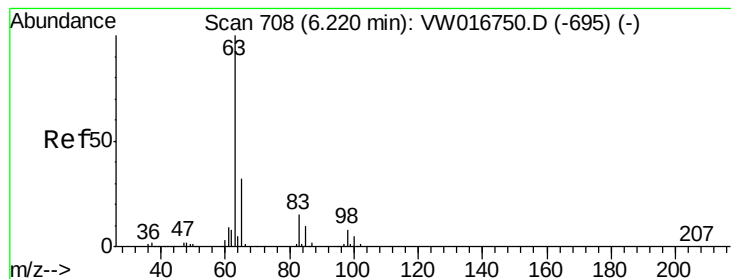
Tot Ion	Ratio	Lower	Upper
73	100		
43	18.7	17.2	25.8
57	20.7	16.3	24.5



#18
trans-1,2-Dichloroethene
Concen: 26.324 ug/L
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	118.4	88.4	164.2
98	63.3	43.0	80.0





#19

1,1-Dichloroethane

Concen: 26.969 ug/L

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

ClientSampled :

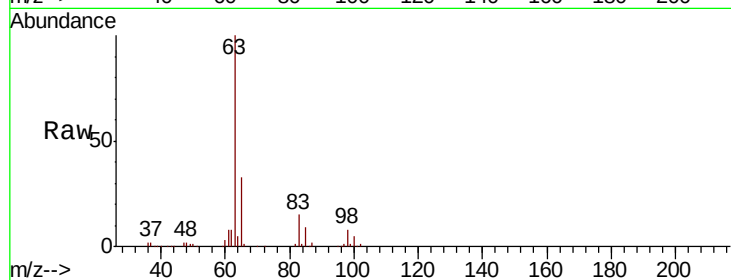
Tot Ion: 63 Resp: 287725

Ion Ratio Lower Upper

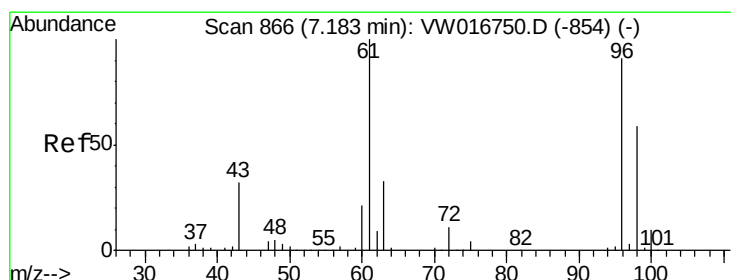
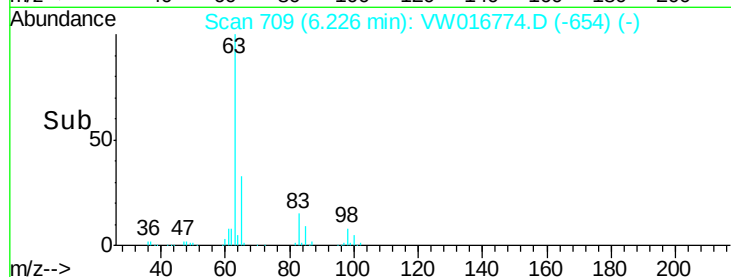
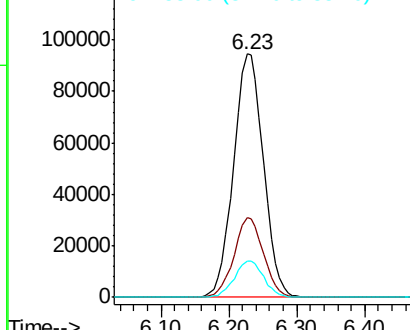
63 100

65 32.5 21.6 40.0

83 14.8 10.4 19.2



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 36.387 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW016774.D

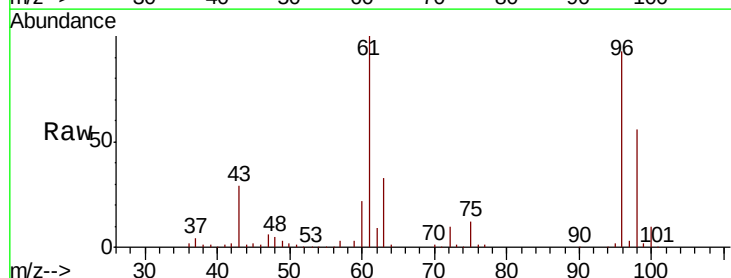
Acq: 02 Oct 2020 19:42

Tgt Ion: 43 Resp: 65815

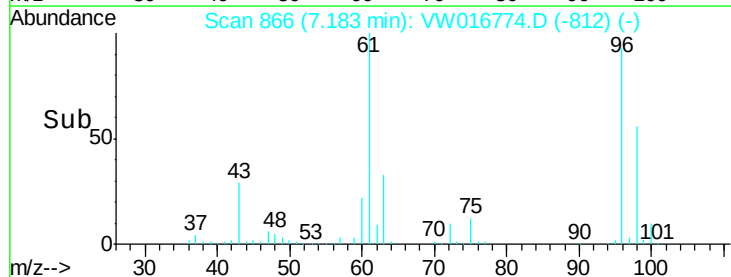
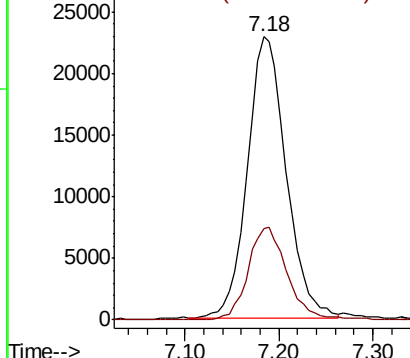
Ion Ratio Lower Upper

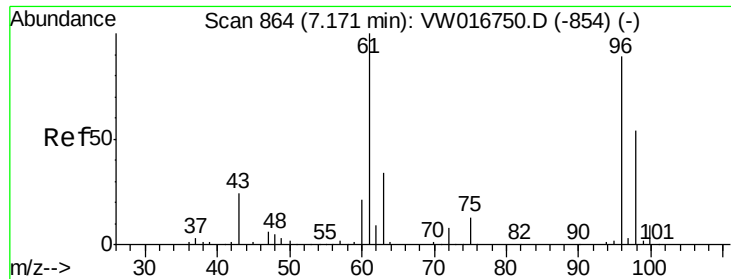
43 100

72 32.7 14.6 43.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



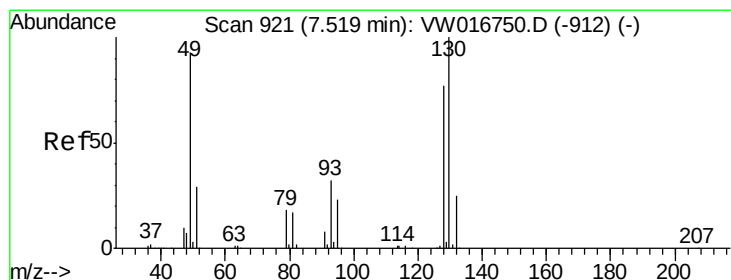
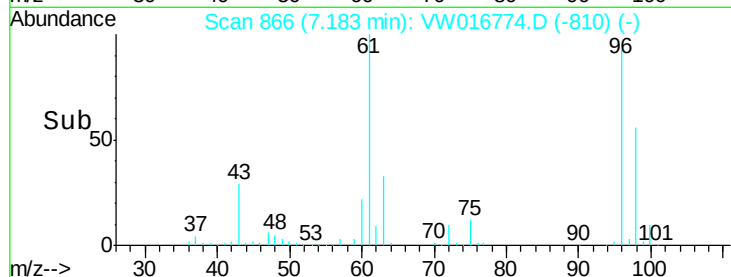
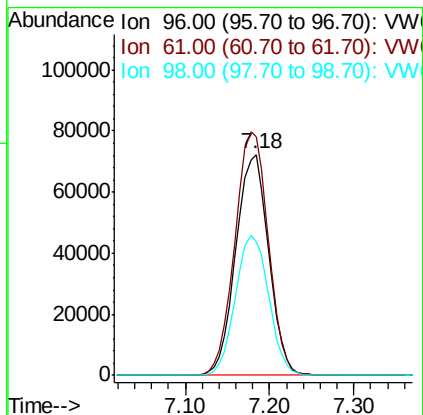
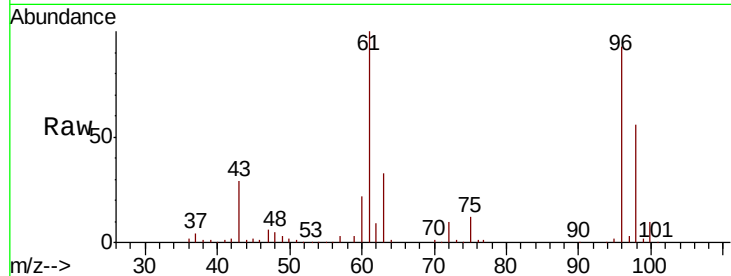


#22

cis-1,2-Dichloroethene
Concen: 27.325 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Instrument :
MSVOA_W
ClientSampled :

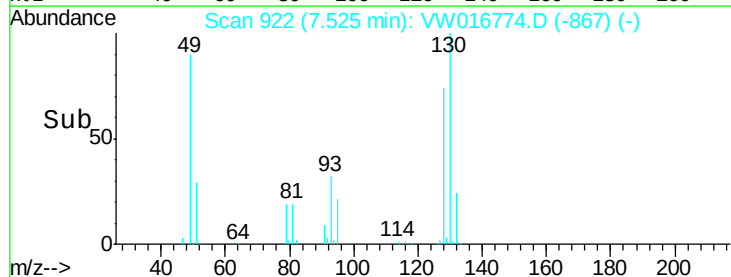
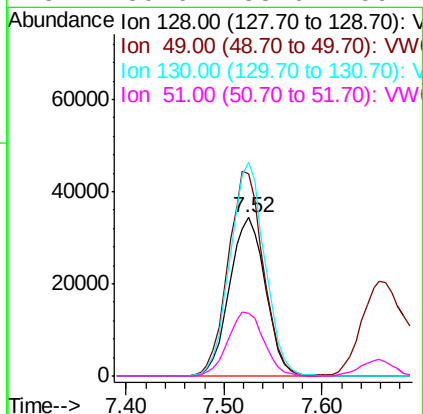
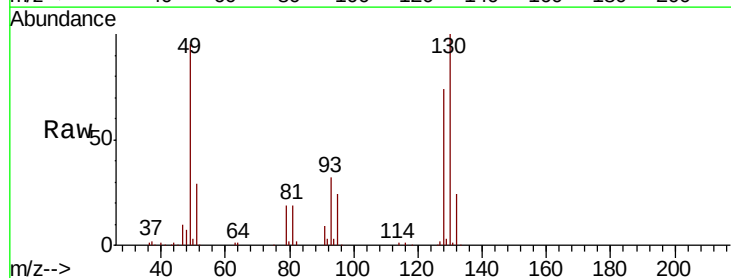
Tot Ion: 96 Resp: 191269
Ion Ratio Lower Upper
96 100
61 107.9 78.4 145.6
98 60.7 44.8 83.2

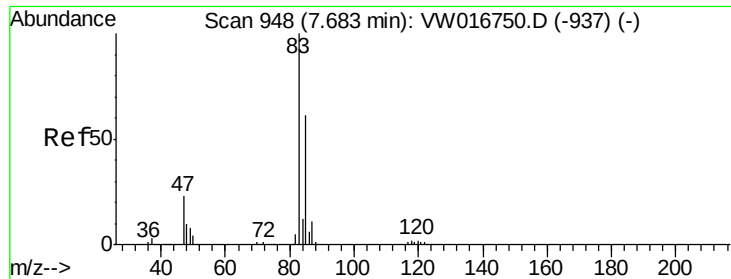


#23

Bromochloromethane
Concen: 25.776 ug/L
RT: 7.52 min Scan# 922
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion: 128 Resp: 87716
Ion Ratio Lower Upper
128 100
49 127.4 92.1 171.1
130 134.7 87.8 163.0
51 39.6 33.6 50.4





#25

Chloroform

Concen: 26.777 ug/L

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

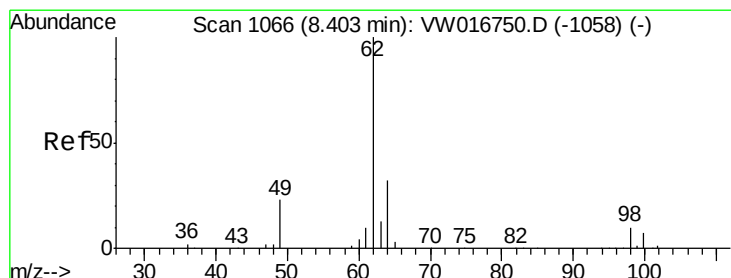
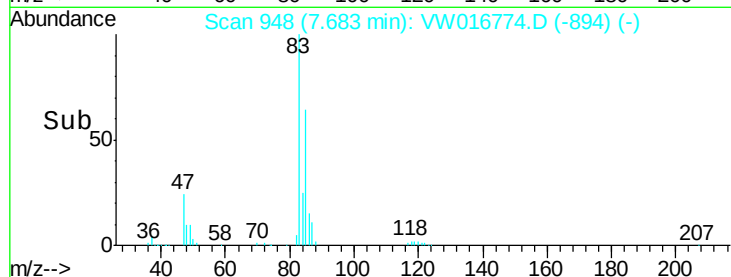
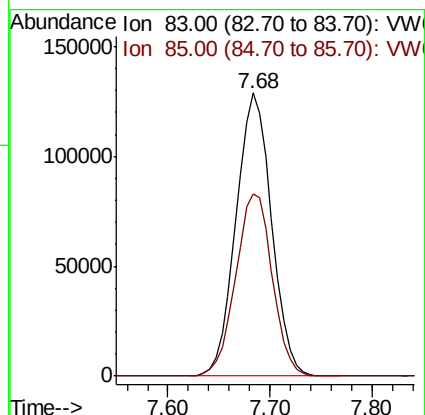
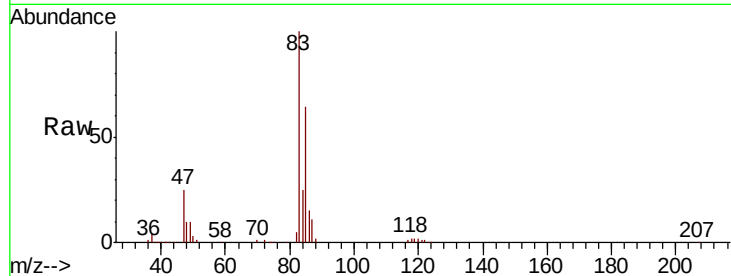
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 311460

Ion Ratio Lower Upper

83 100

85 66.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 24.624 ug/L

RT: 8.41 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VW016774.D

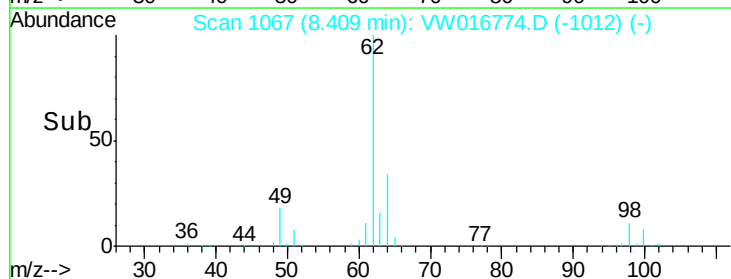
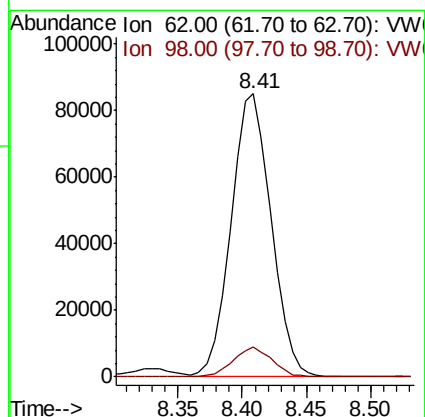
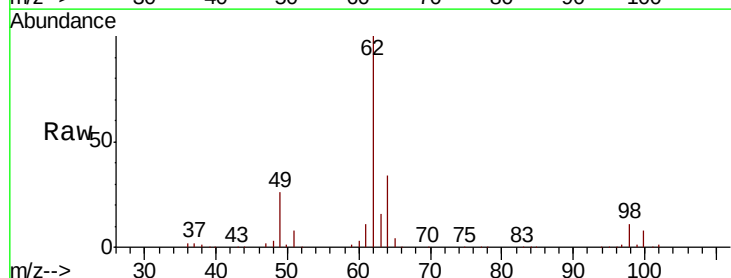
Acq: 02 Oct 2020 19:42

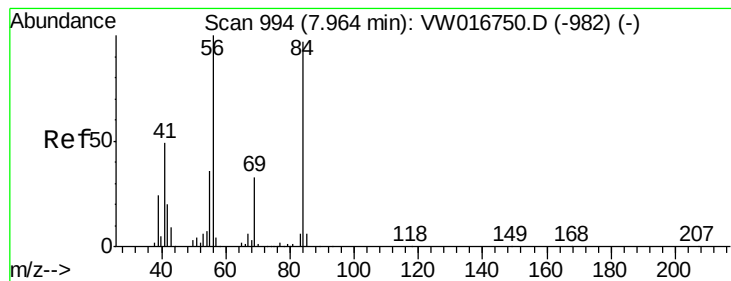
Tgt Ion: 62 Resp: 183773

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#30

Cyclohexane

Concen: 24.879 ug/L

RT: 7.96 min Scan# 994

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

ClientSampled :

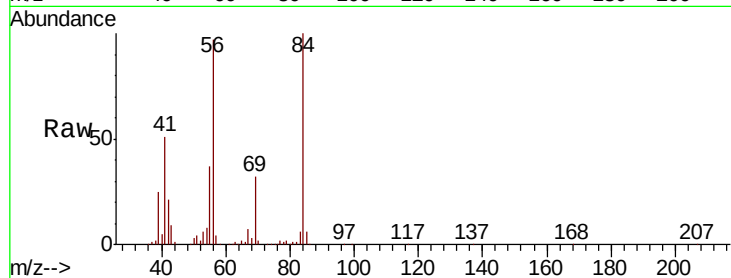
Tot Ion: 56 Resp: 252720

Ion Ratio Lower Upper

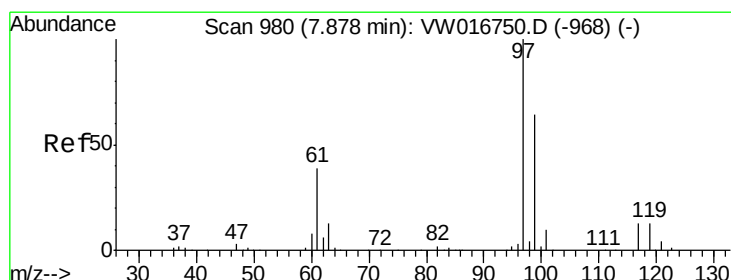
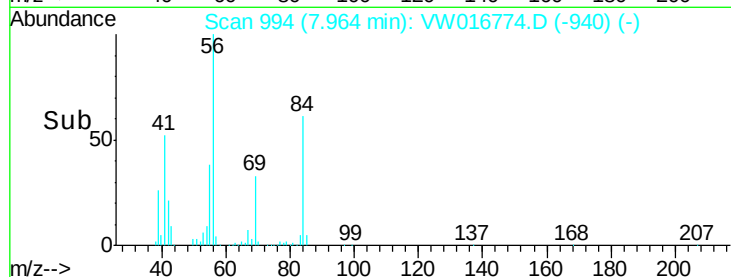
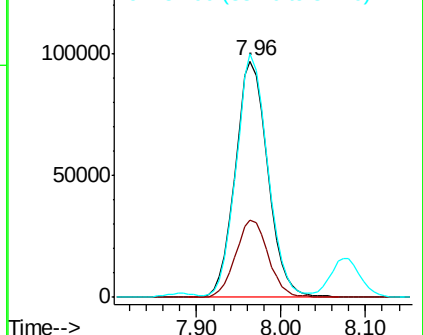
56 100

69 32.9 26.5 39.7

84 99.9 79.0 118.6



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#31

1,1,1-Trichloroethane

Concen: 25.122 ug/L

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

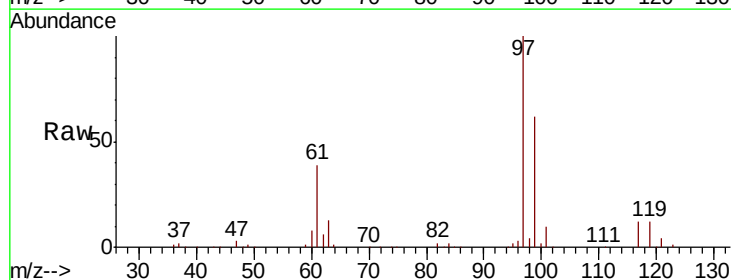
Tgt Ion: 97 Resp: 272729

Ion Ratio Lower Upper

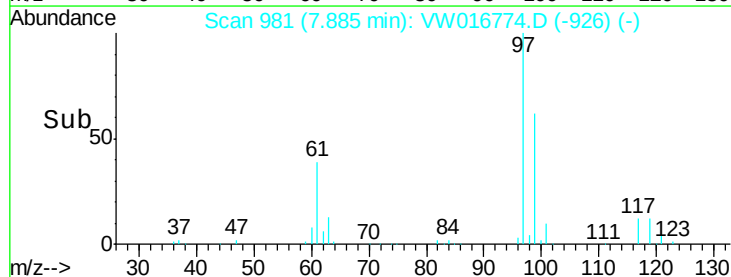
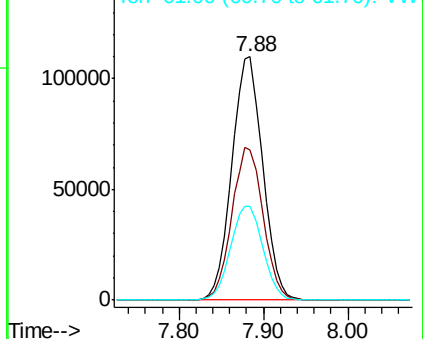
97 100

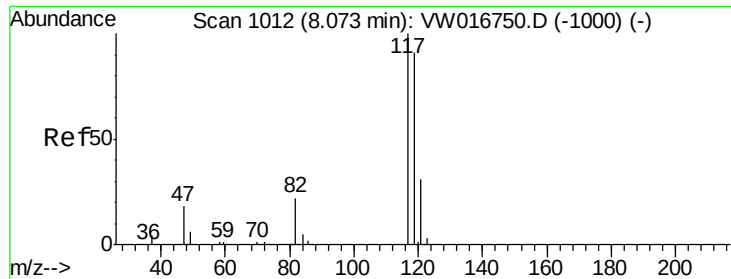
99 63.6 51.8 77.6

61 40.2 33.6 50.4



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.169 ug/L

RT: 8.08 min Scan# 1013

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

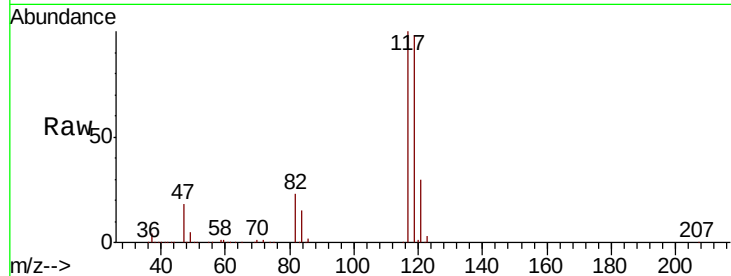
ClientSampleId :

Tot Ion:117 Resp: 265471

Ion Ratio Lower Upper

117 100

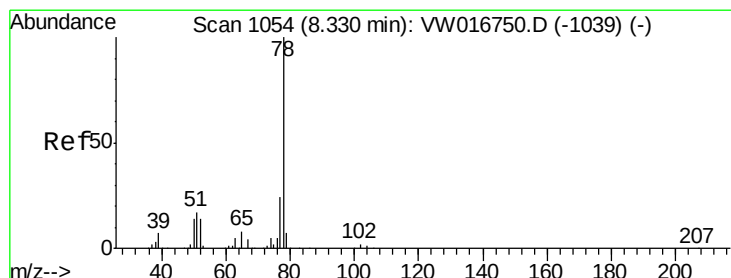
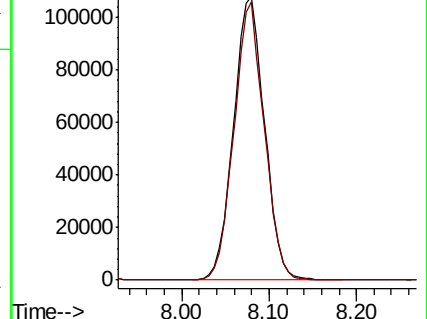
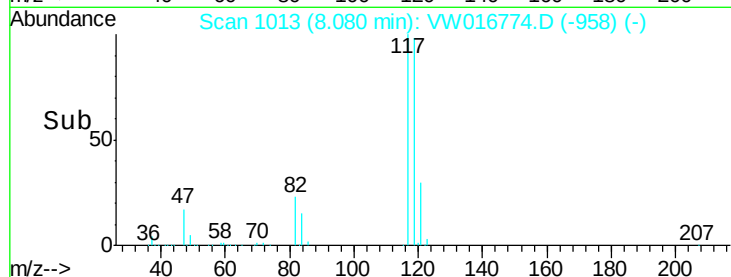
119 95.6 78.2 117.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.08



#34

Benzene

Concen: 27.285 ug/L

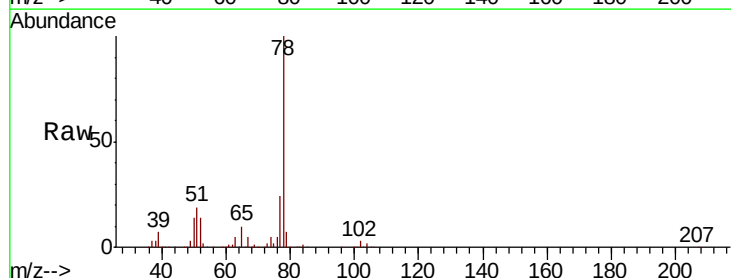
RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW016774.D

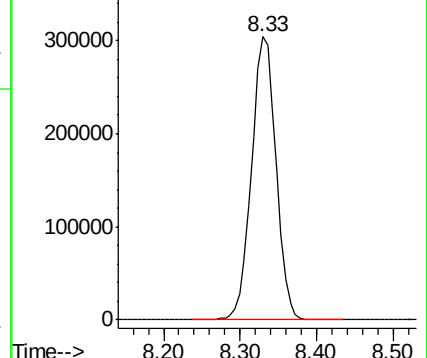
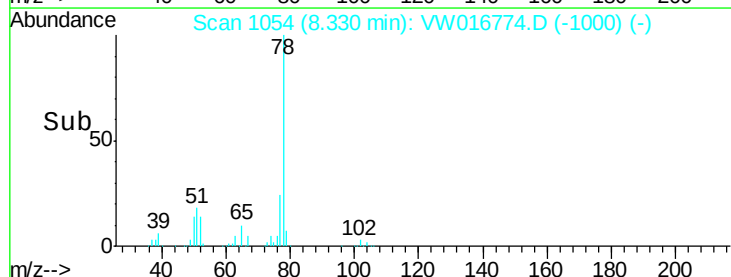
Acq: 02 Oct 2020 19:42

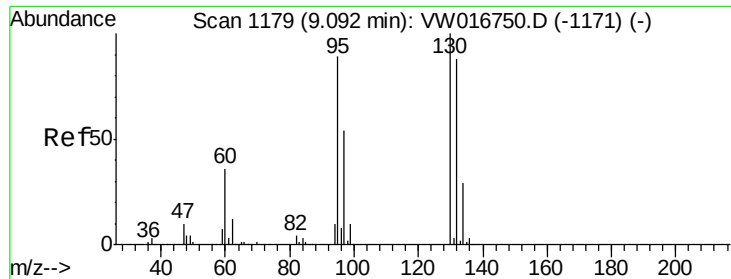
Tgt Ion: 78 Resp: 679806



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

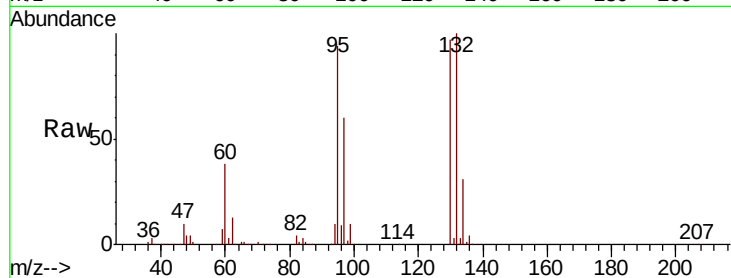




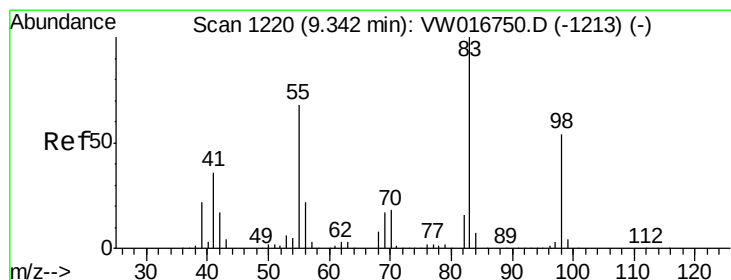
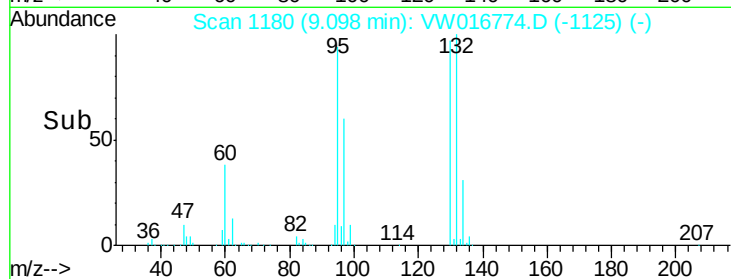
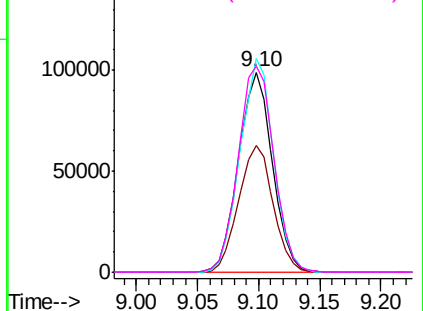
#35
 Trichloroethene
 Concen: 26.418 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	95	Resp:	190435
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.2	84.0
132	105.8	73.3	136.1
130	108.3	77.5	143.9

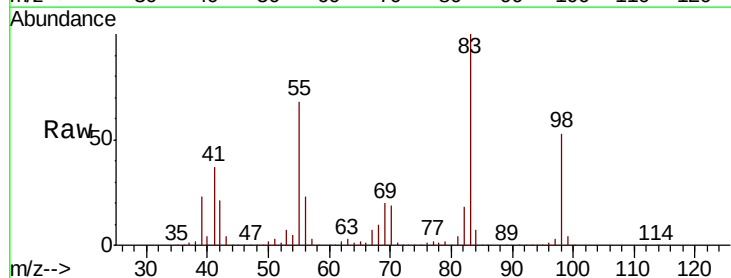


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

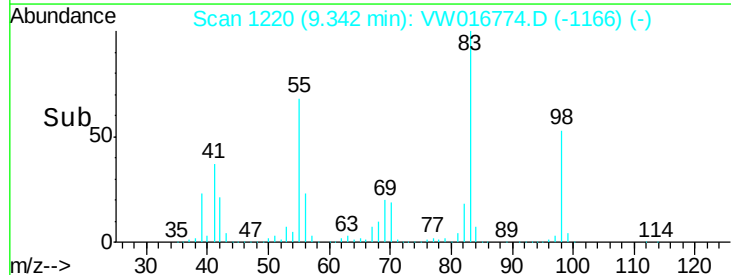
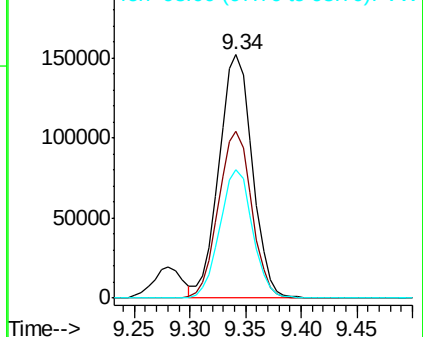


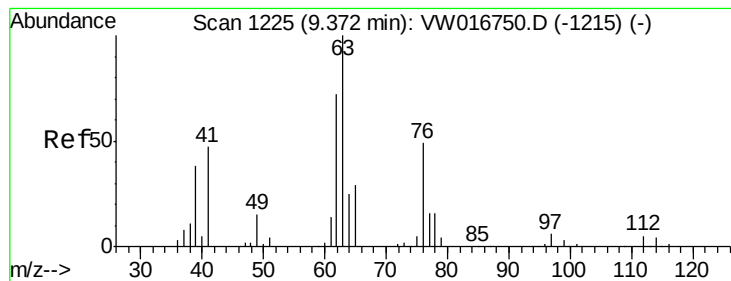
#36
 Methylcyclohexane
 Concen: 25.805 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Tgt Ion:	83	Resp:	315518
Ion	Ratio	Lower	Upper
83	100		
55	68.2	55.9	83.9
98	51.8	42.1	63.1



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

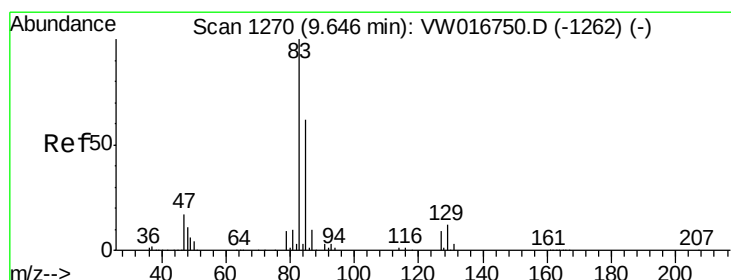
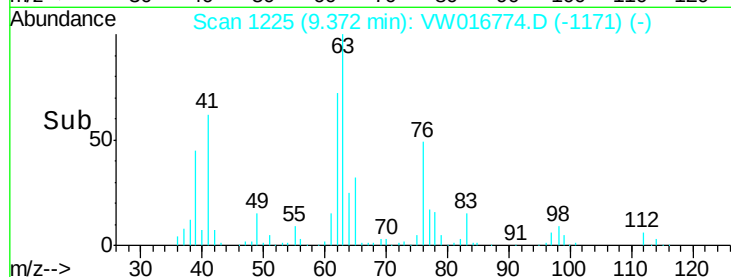
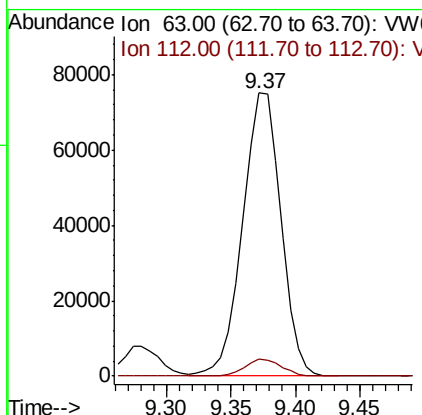
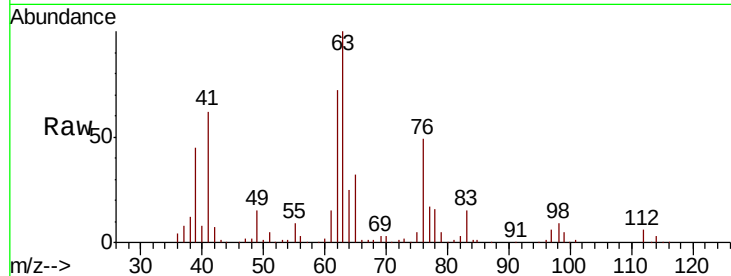




#40
 1,2-Dichloropropane
 Concen: 26.653 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

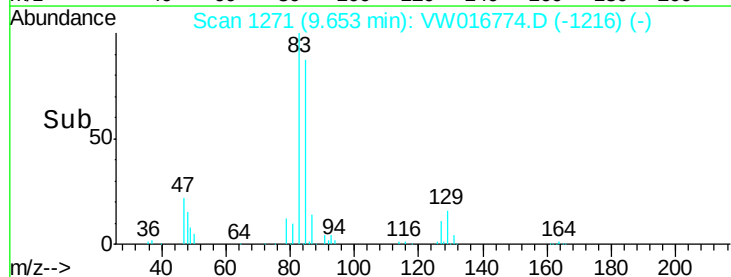
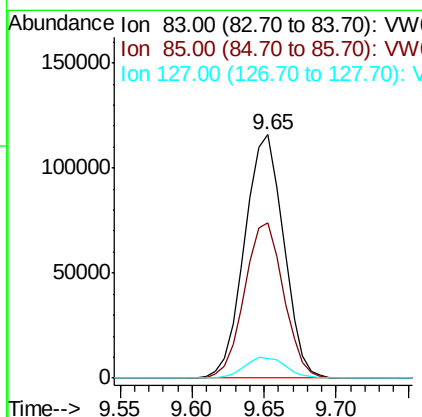
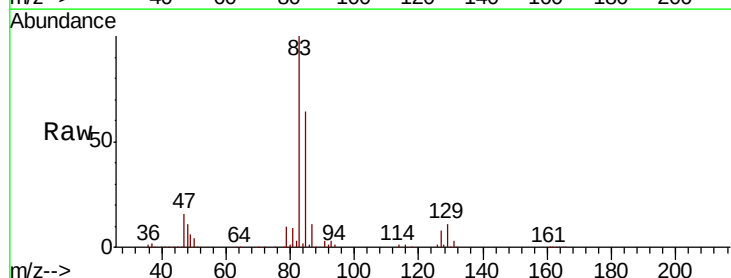
Instrument :
 MSVOA_W
 ClientSampled :

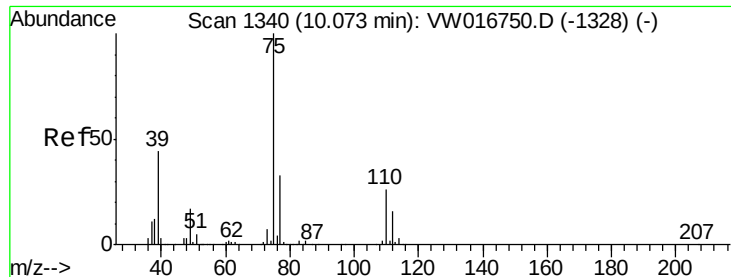
Tot Ion: 63 Resp: 154444
 Ion Ratio Lower Upper
 63 100
 112 5.9 4.5 6.7



#41
 Bromodichloromethane
 Concen: 25.453 ug/L
 RT: 9.65 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Tgt Ion: 83 Resp: 218565
 Ion Ratio Lower Upper
 83 100
 85 63.8 46.8 86.8
 127 8.3 6.8 10.2





#42

cis-1,3-Dichloropropene

Concen: 24.723 ug/L

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

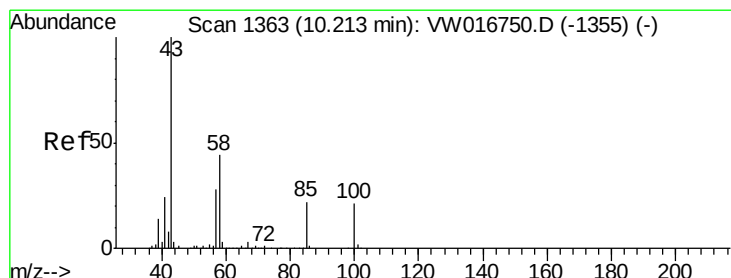
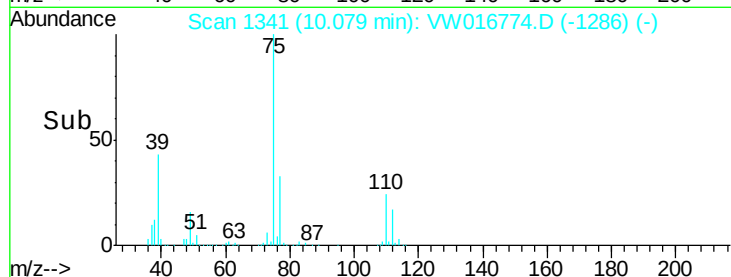
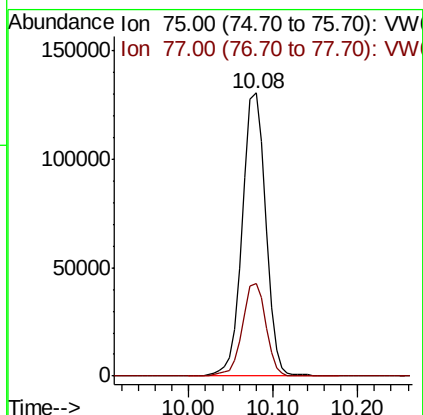
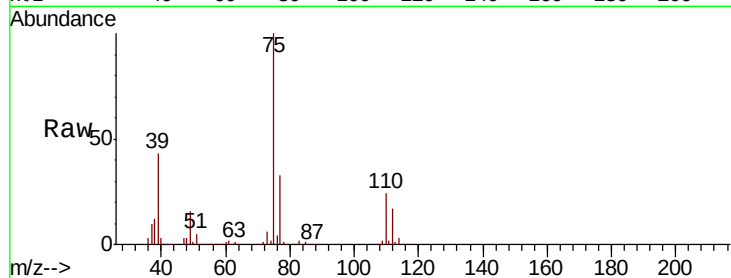
ClientSampleId :

Tot Ion: 75 Resp: 244702

Ion Ratio Lower Upper

75 100

77 32.6 22.2 41.2



#43

4-Methyl-2-pentanone

Concen: 41.957 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

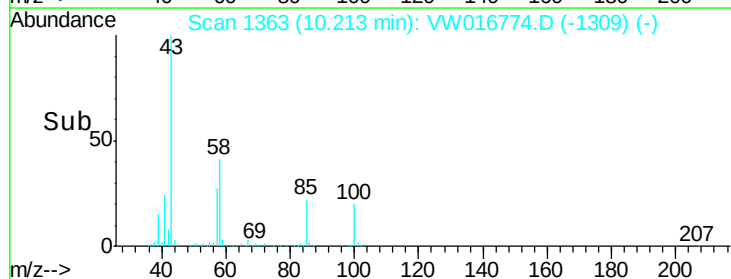
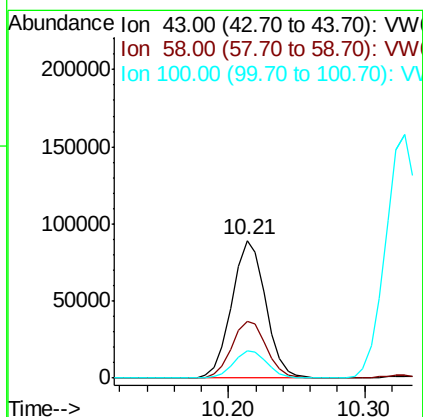
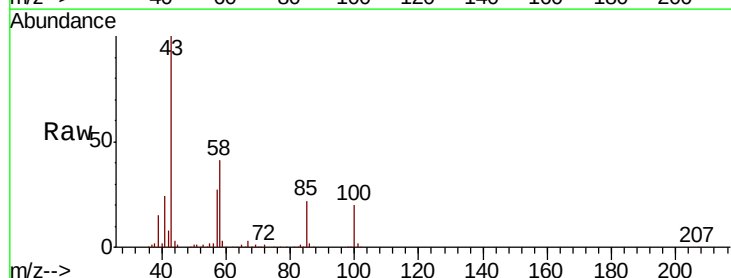
Tgt Ion: 43 Resp: 154471

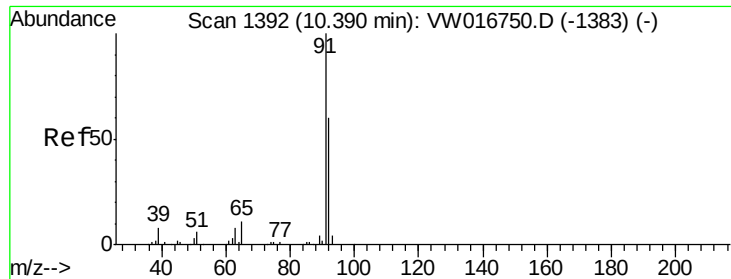
Ion Ratio Lower Upper

43 100

58 42.5 32.2 48.4

100 20.2 15.8 23.6





#44

Toluene

Concen: 27.064 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

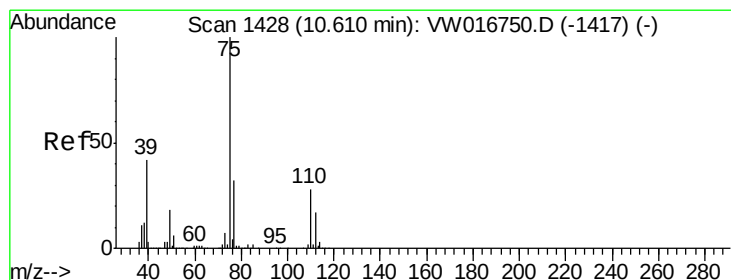
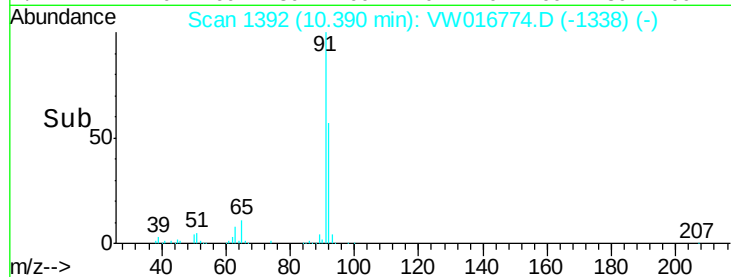
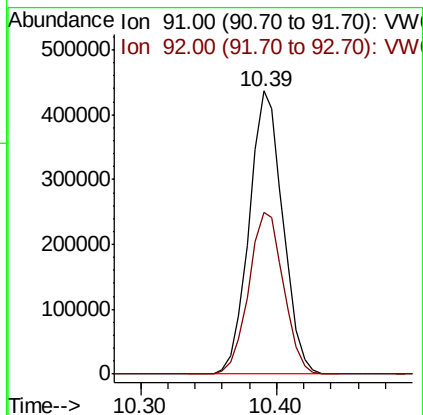
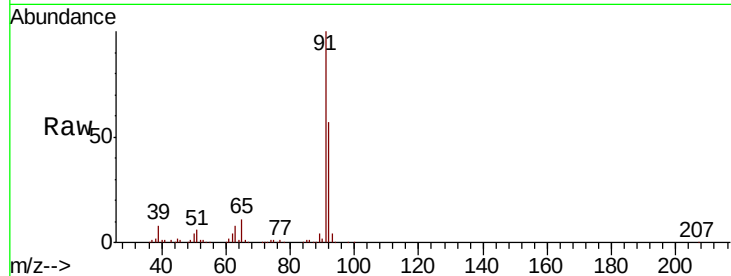
ClientSampled :

Tot Ion: 91 Resp: 758226

Ion Ratio Lower Upper

91 100

92 57.4 39.6 73.6



#45

trans-1,3-Dichloropropene

Concen: 23.945 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016774.D

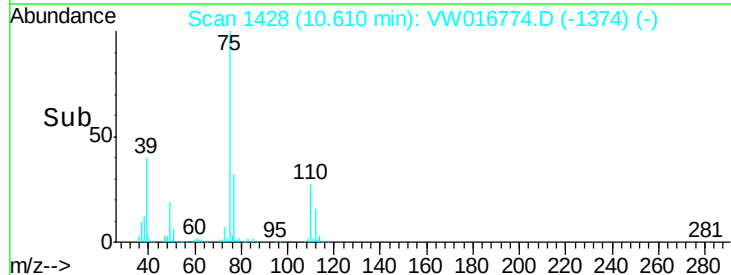
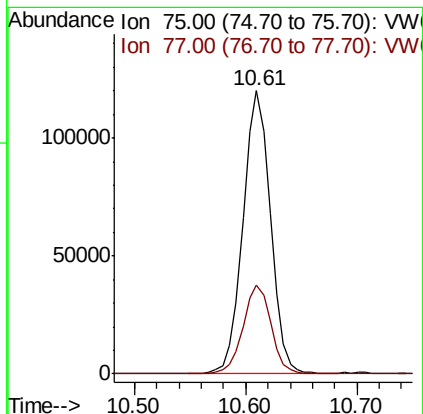
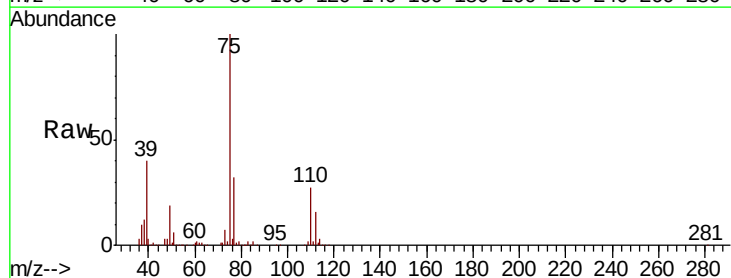
Acq: 02 Oct 2020 19:42

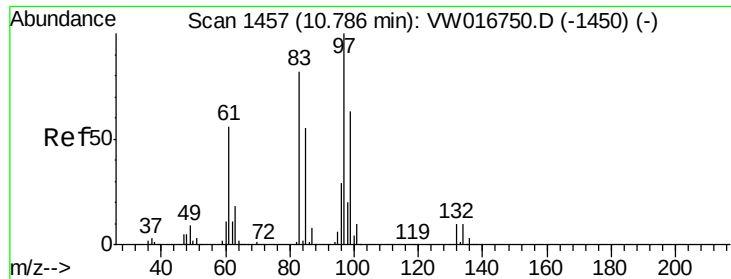
Tgt Ion: 75 Resp: 206209

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9

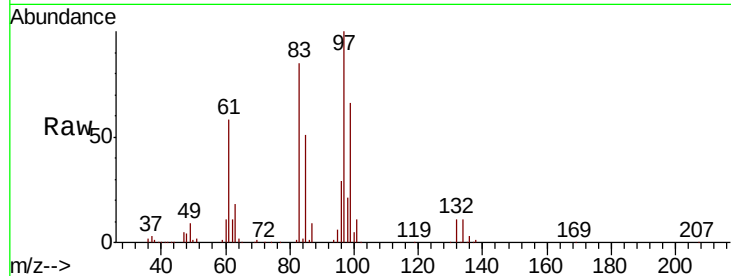




#46
1,1,2-Trichloroethane
Concen: 25.427 ug/L
RT: 10.79 min Scan# 1458
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	97	Resp:	124129
Ion	Ratio	Lower	Upper
97	100		
83	84.8	55.7	103.5
85	51.5	36.8	68.4
99	66.0	43.7	81.1



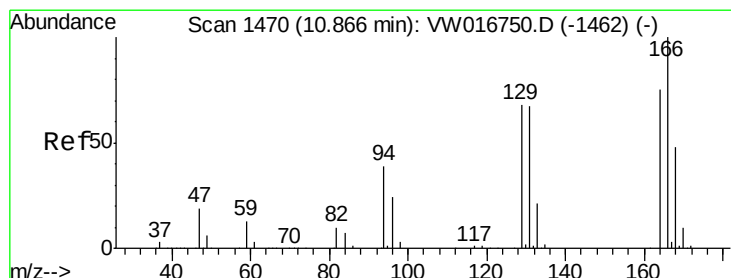
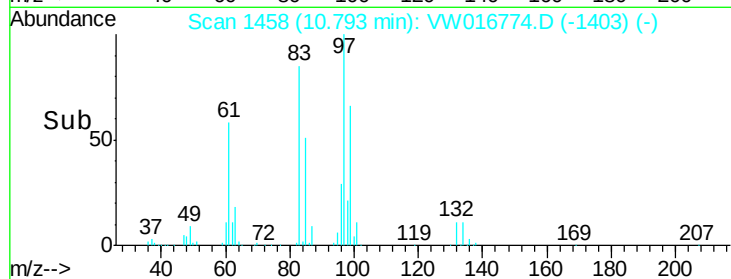
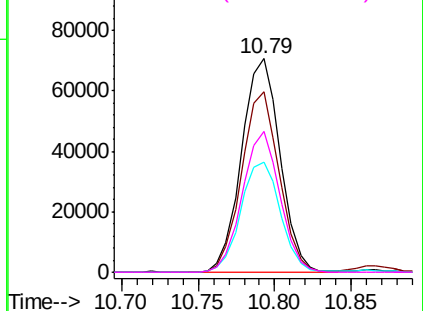
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

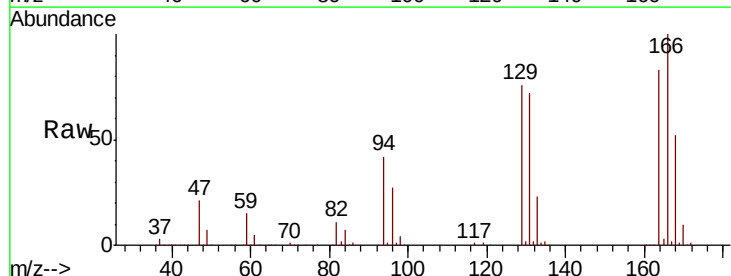
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
Tetrachloroethene
Concen: 26.912 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion:	164	Resp:	175170
Ion	Ratio	Lower	Upper
164	100		
129	91.5	55.6	103.2
131	87.2	57.2	106.2
166	120.8	86.5	160.6



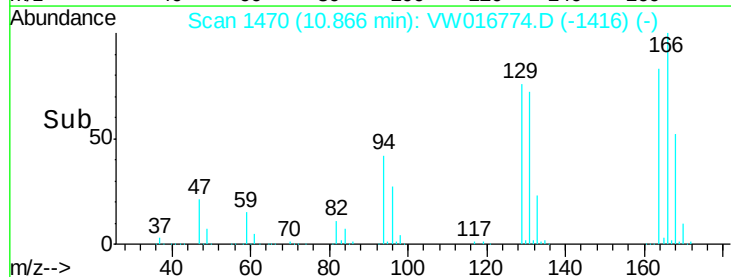
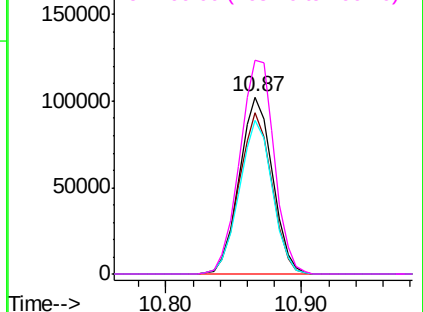
Abundance

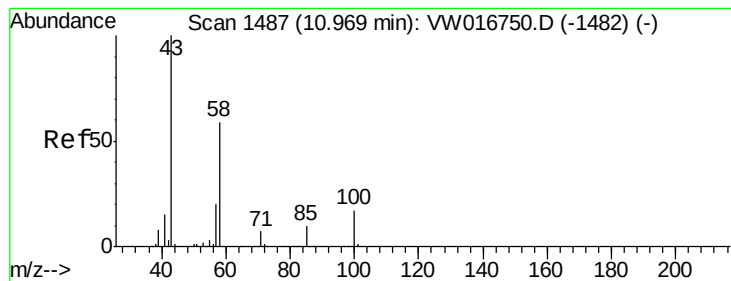
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#49

2-Hexanone

Concen: 44.529 ug/L

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 104044

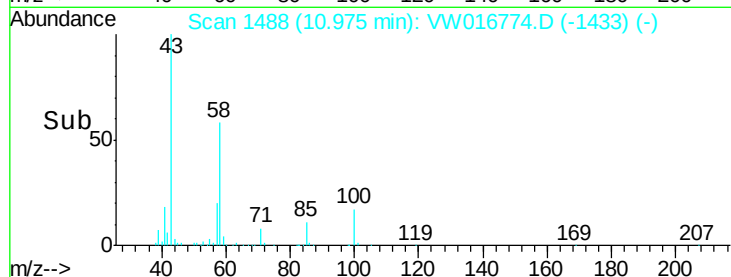
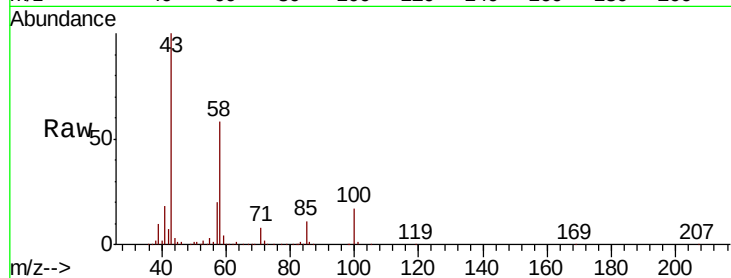
Ion Ratio Lower Upper

43 100

58 58.5 44.2 66.2

57 20.6 16.3 24.5

100 16.1 12.4 18.6

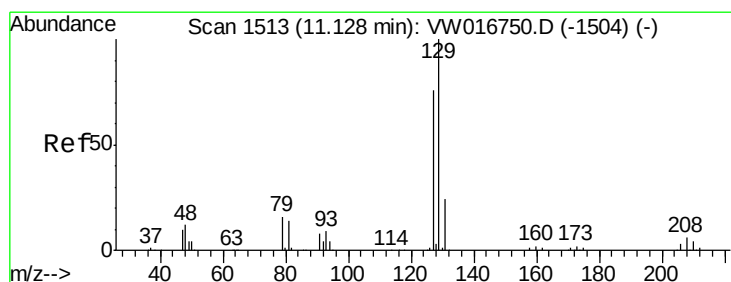
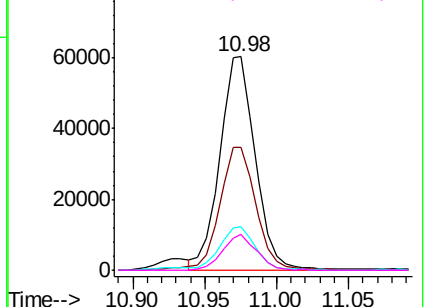


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 24.473 ug/L

RT: 11.13 min Scan# 1514

Delta R.T. 0.01 min

Lab File: VW016774.D

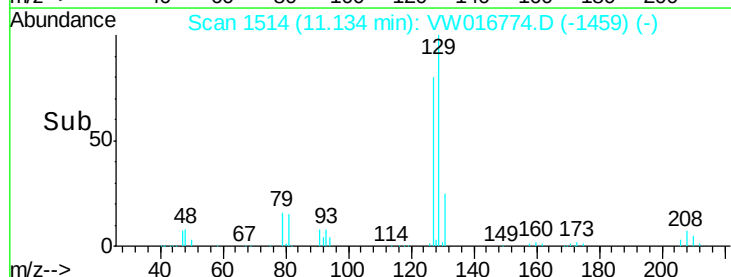
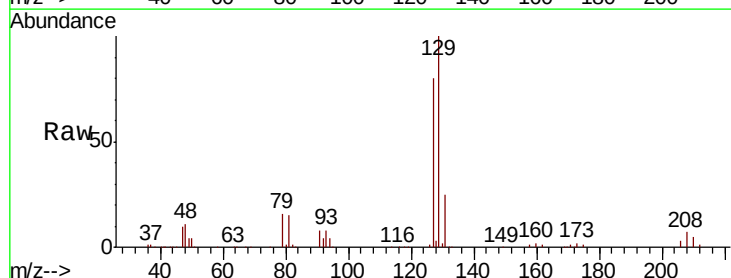
Acq: 02 Oct 2020 19:42

Tgt Ion: 129 Resp: 155983

Ion Ratio Lower Upper

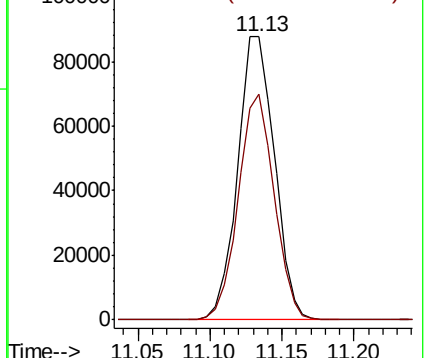
129 100

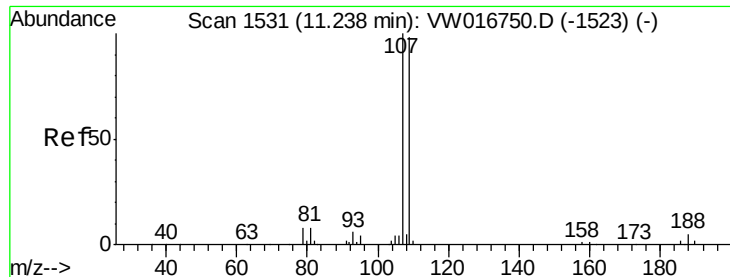
127 79.7 52.4 97.4



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

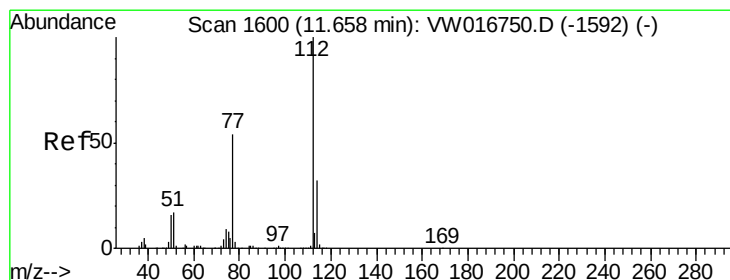
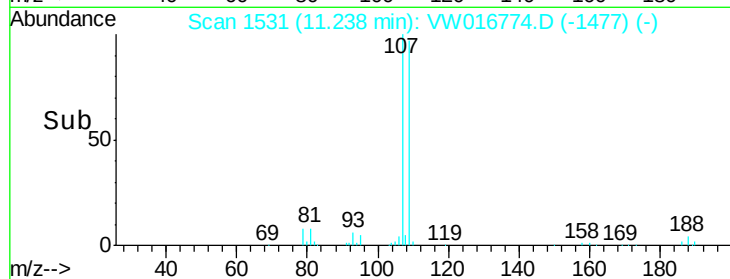
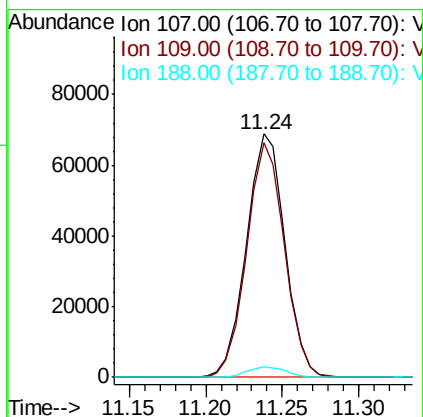
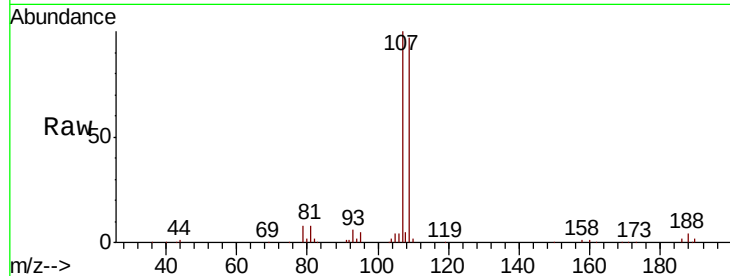




#51
1,2-Dibromoethane
Concen: 24.693 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

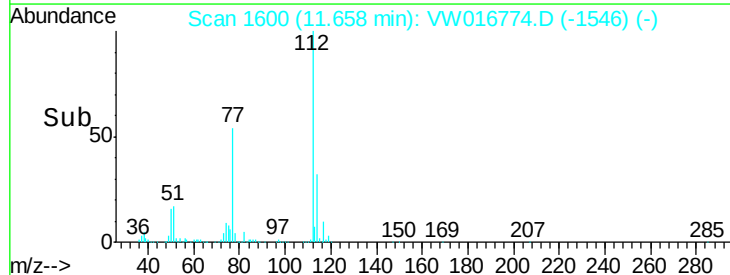
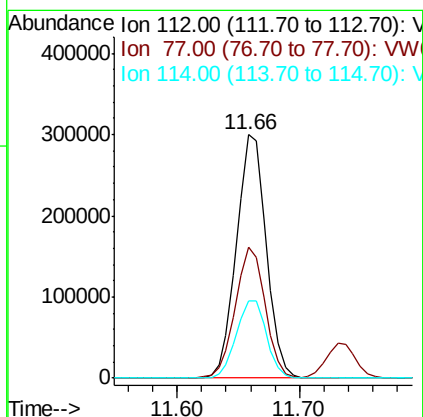
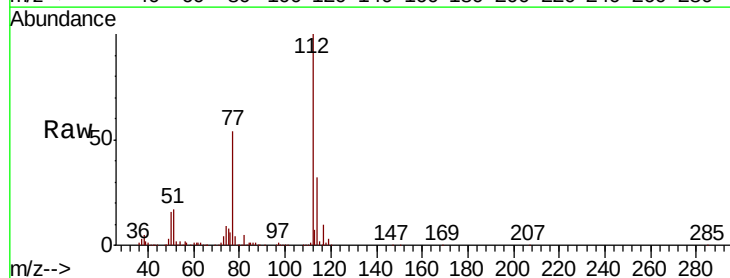
Instrument :
MSVOA_W
ClientSampleId :

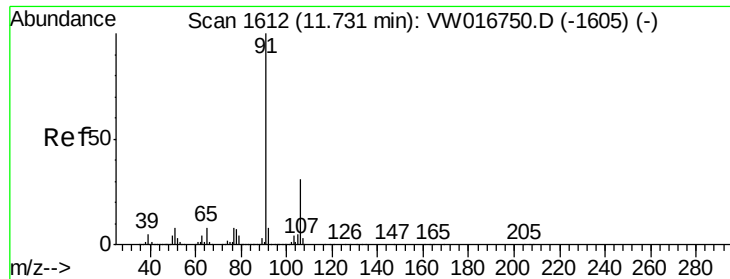
Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	63.0	117.0
188	4.2	3.1	4.7



#52
Chlorobenzene
Concen: 26.820 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion	Ratio	Lower	Upper
112	100		
77	54.0	43.1	64.7
114	31.9	22.3	41.3





#53

Ethylbenzene

Concen: 26.968 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

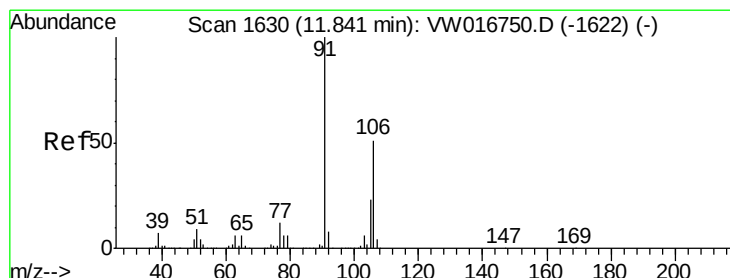
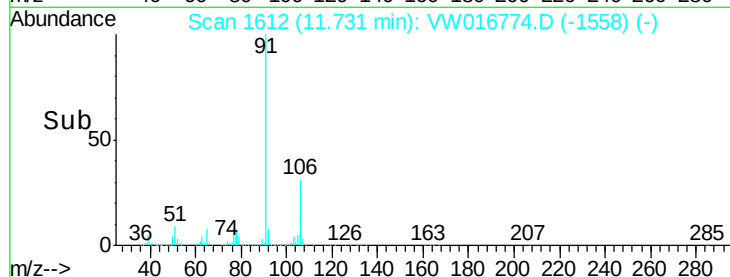
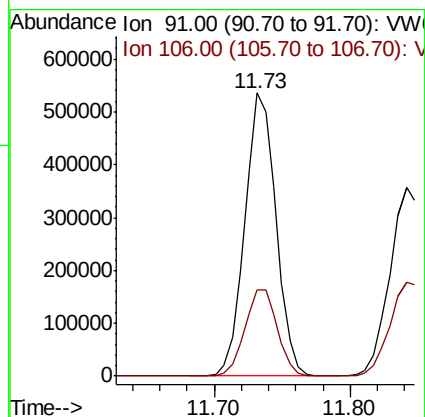
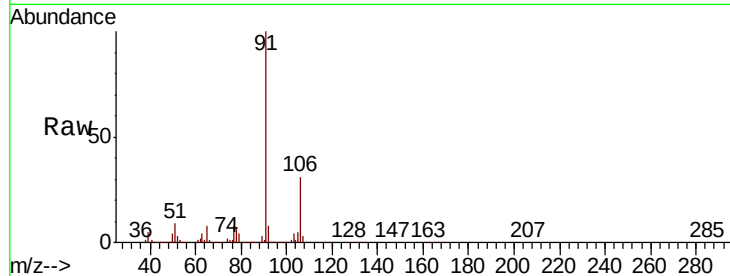
ClientSampled :

Tot Ion: 91 Resp: 857795

Ion Ratio Lower Upper

91 100

106 30.5 20.7 38.5



#54

m,p-Xylene

Concen: 26.830 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016774.D

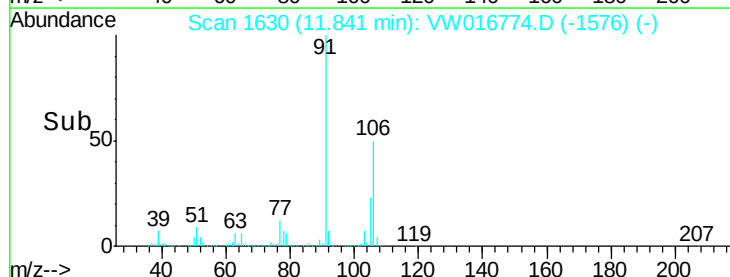
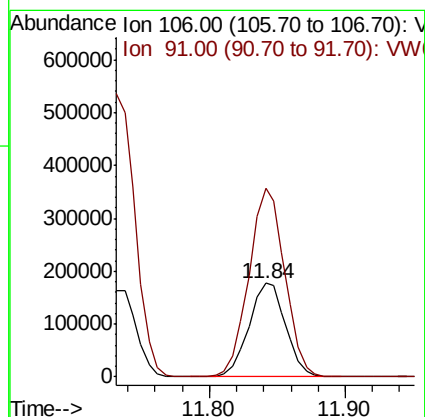
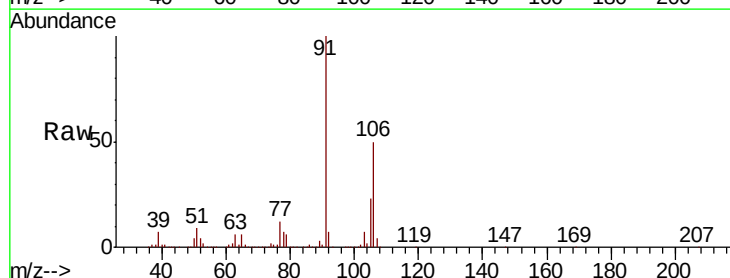
Acq: 02 Oct 2020 19:42

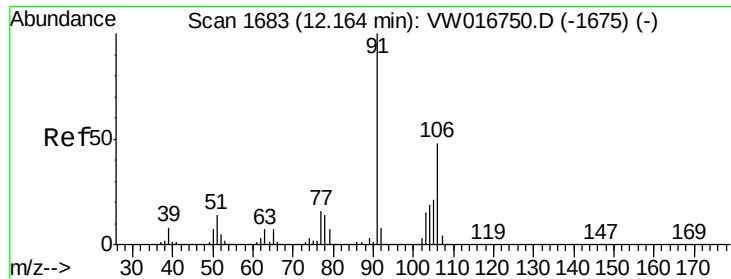
Tgt Ion: 106 Resp: 334165

Ion Ratio Lower Upper

106 100

91 201.6 139.7 259.5

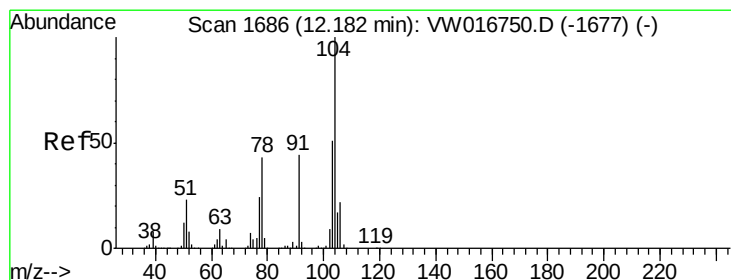
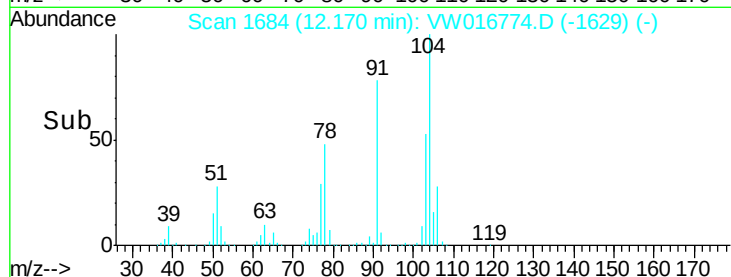
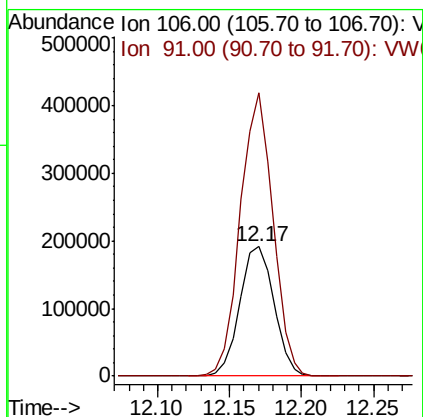
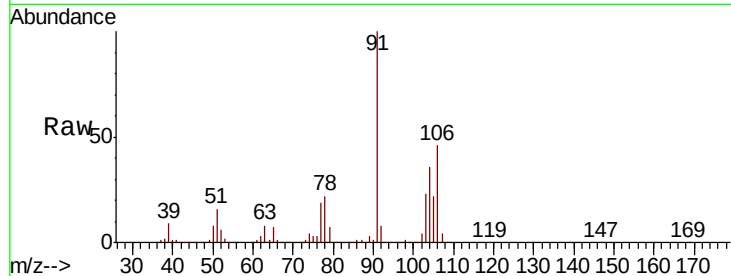




#55
o-xylene
Concen: 26.476 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

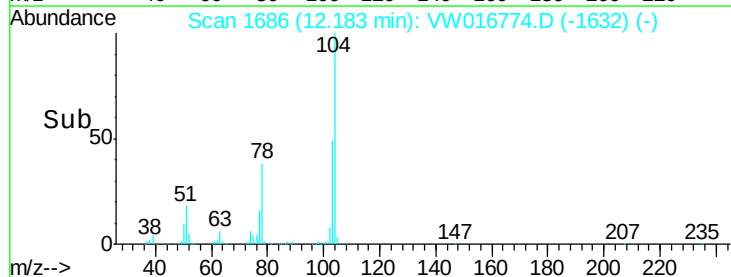
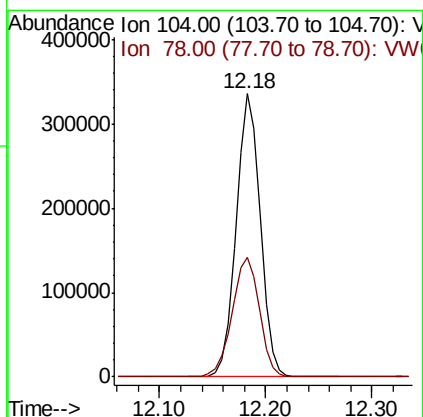
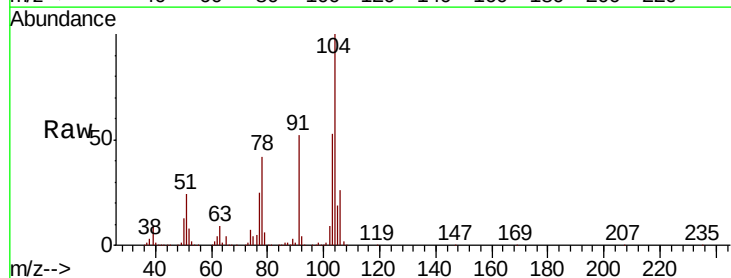
Instrument :
MSVOA_W
ClientSampleId :

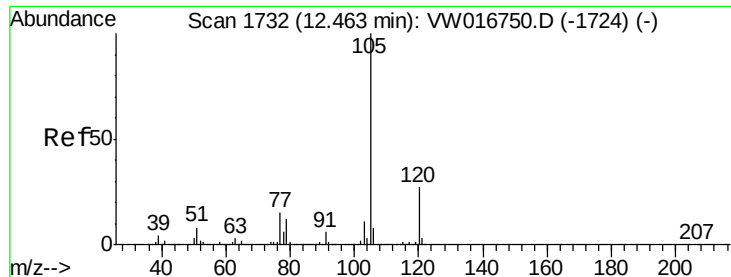
Tot Ion:106 Resp: 315908
Ion Ratio Lower Upper
106 100
91 218.3 144.8 268.8



#56
Styrene
Concen: 27.027 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion:104 Resp: 535503
Ion Ratio Lower Upper
104 100
78 42.2 31.4 58.2





#57

Isopropylbenzene

Concen: 27.152 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

ClientSampleId :

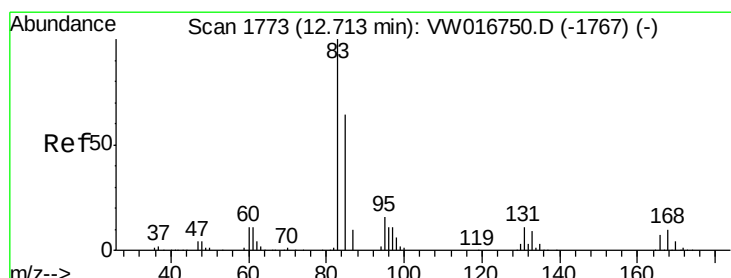
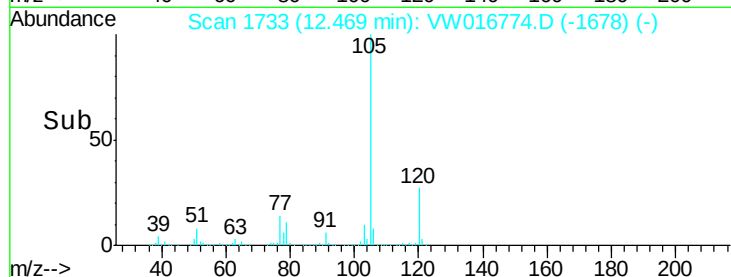
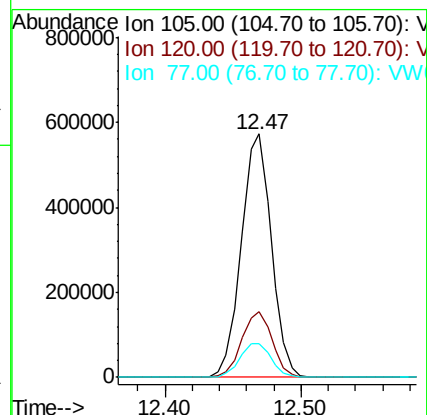
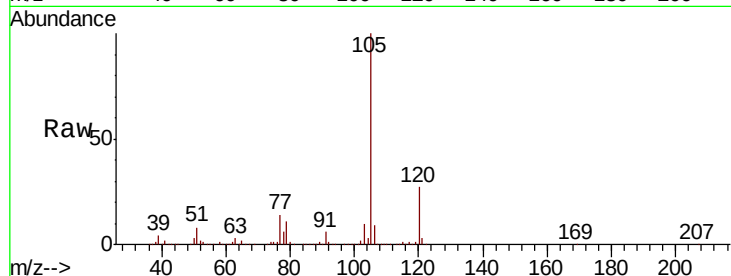
Tot Ion:105 Resp: 885273

Ion Ratio Lower Upper

105 100

120 27.4 21.8 32.8

77 14.5 12.2 18.2



#58

1,1,2,2-Tetrachloroethane

Concen: 25.077 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

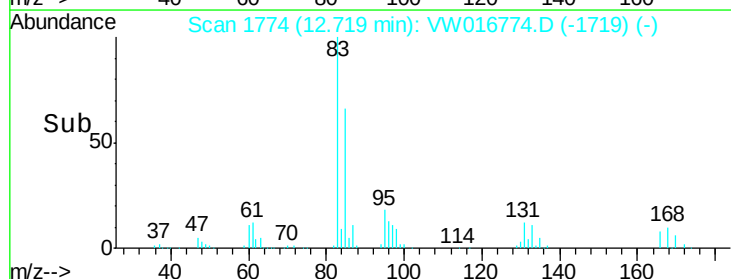
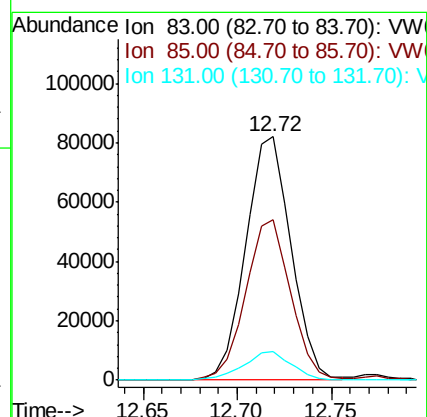
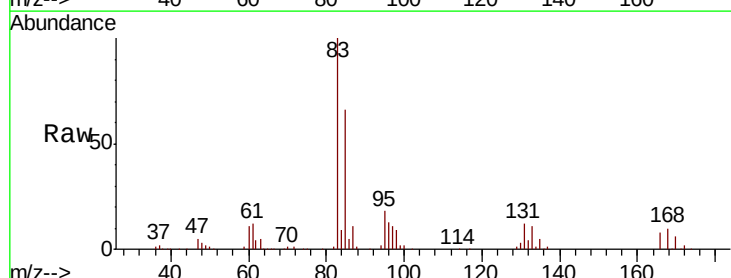
Tgt Ion: 83 Resp: 136897

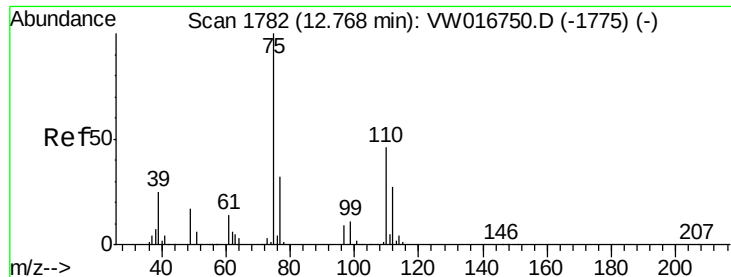
Ion Ratio Lower Upper

83 100

85 66.1 46.0 85.4

131 12.0 9.0 13.6





#59

1,2,3-Trichloropropane

Concen: 24.099 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

Instrument :

MSVOA_W

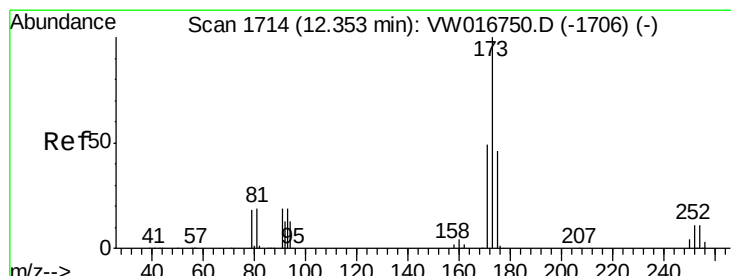
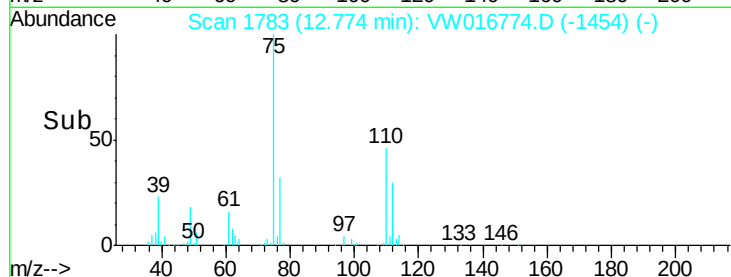
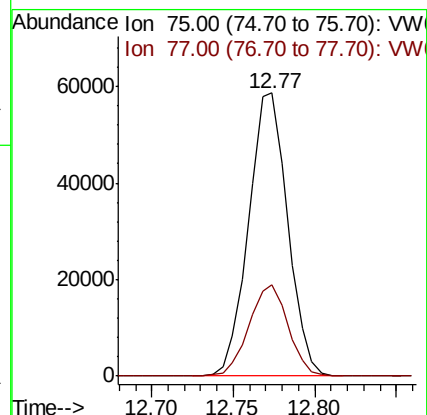
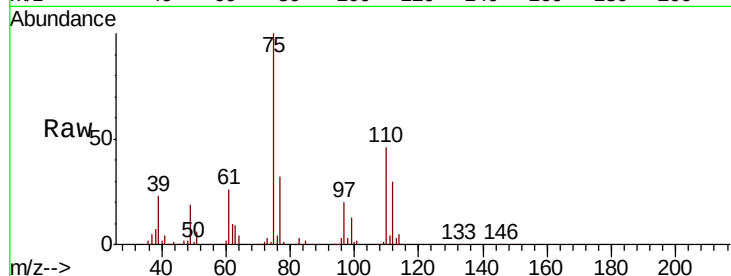
ClientSampled :

Tot Ion: 75 Resp: 97988

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4



#62

Bromoform

Concen: 20.972 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016774.D

Acq: 02 Oct 2020 19:42

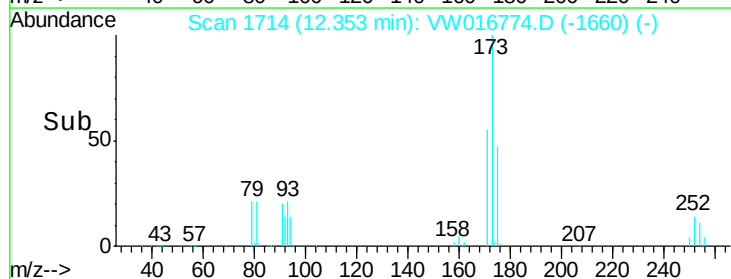
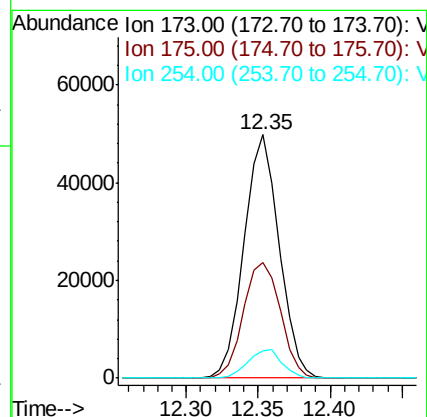
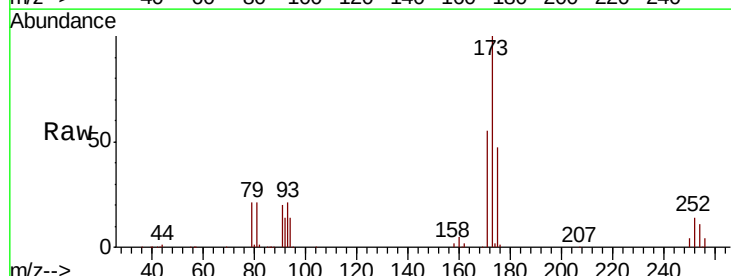
Tgt Ion: 173 Resp: 84209

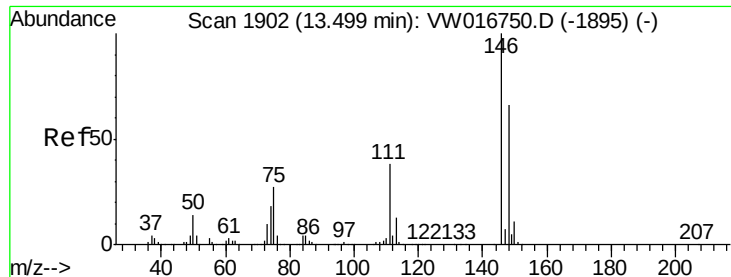
Ion Ratio Lower Upper

173 100

175 50.2 38.6 57.8

254 11.5 8.2 12.4

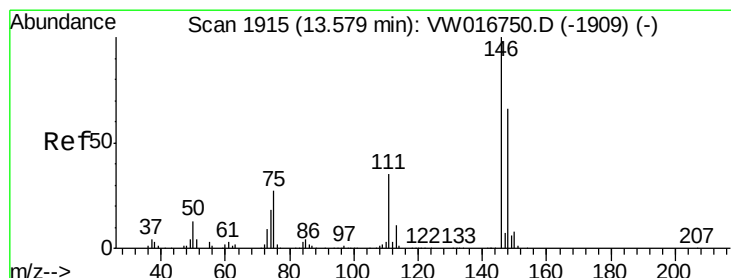
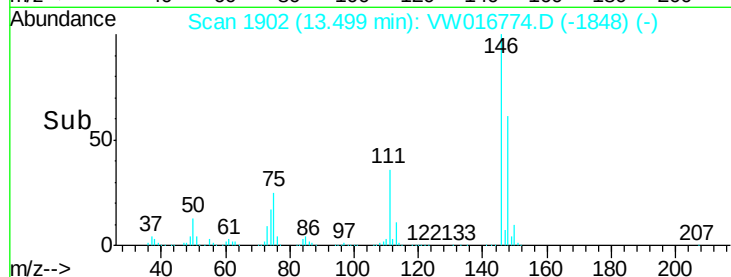
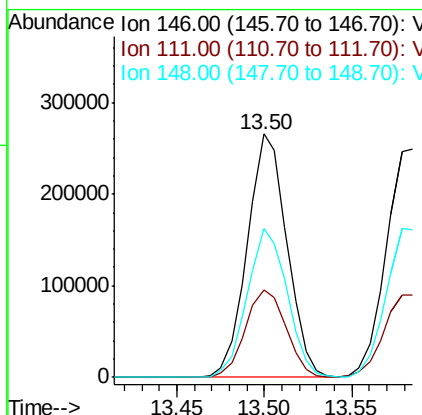
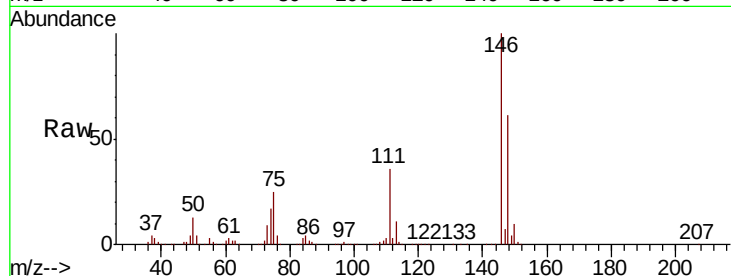




#63
 1,3-Dichlorobenzene
 Concen: 27.032 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

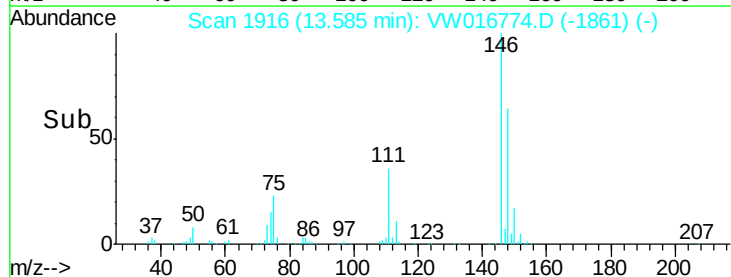
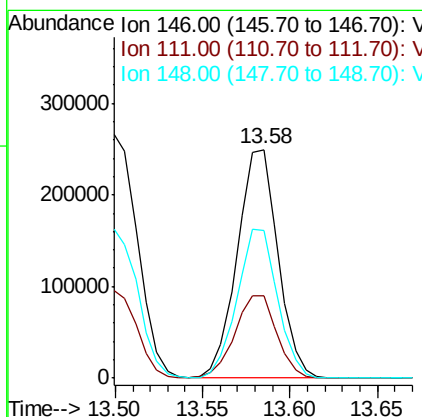
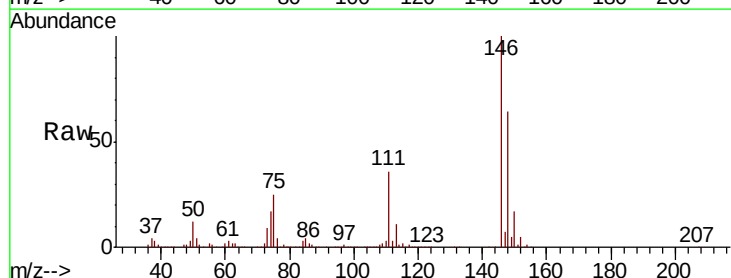
Instrument :
 MSVOA_W
 ClientSampleId :

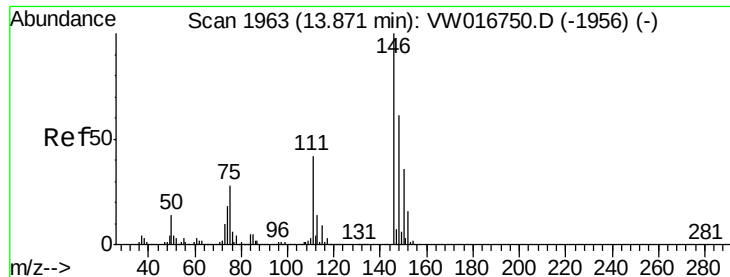
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.0	46.4
148	61.4	44.0	81.8



#64
 1,4-Dichlorobenzene
 Concen: 26.694 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	25.1	46.5
148	64.5	42.3	78.5

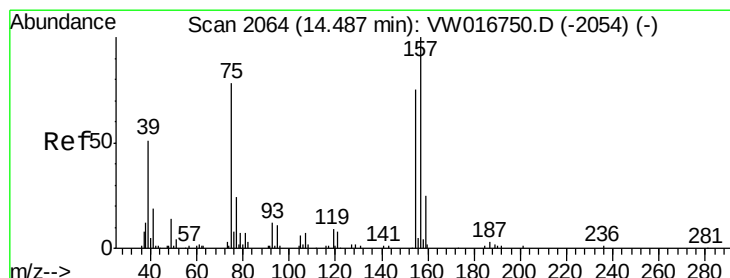
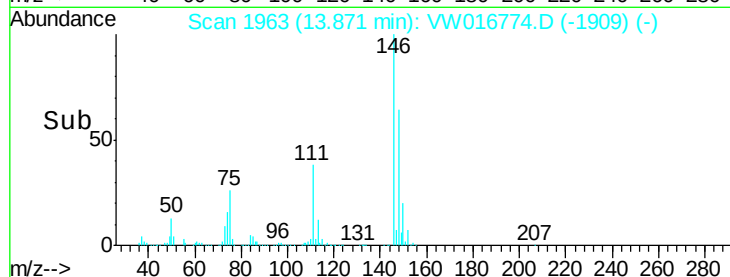
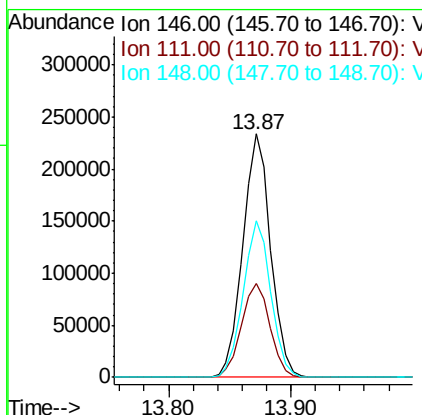
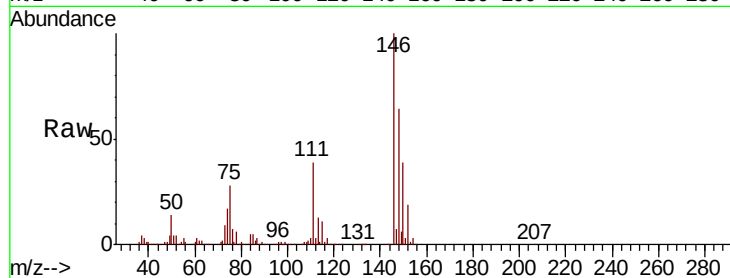




#65
 1,2-Dichlorobenzene
 Concen: 26.582 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

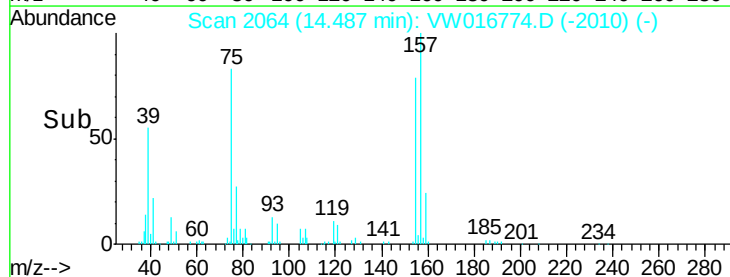
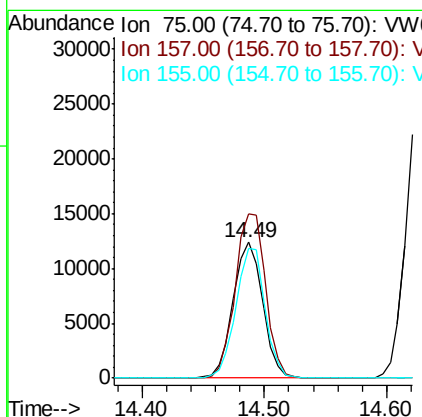
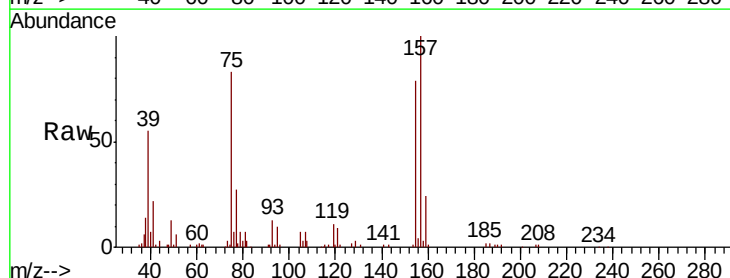
Instrument :
 MSVOA_W
 ClientSampleId :

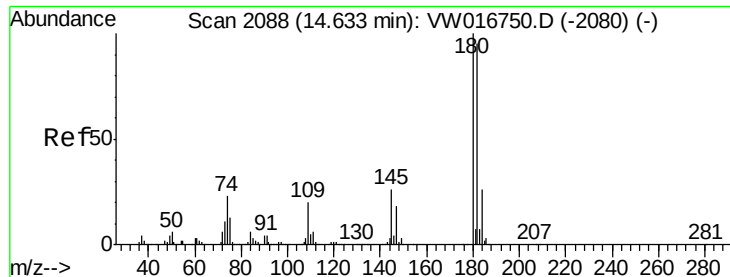
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	31.4	47.0
148	64.5	49.3	73.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 20.859 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
157	121.0	92.2	138.4
155	95.6	73.5	110.3

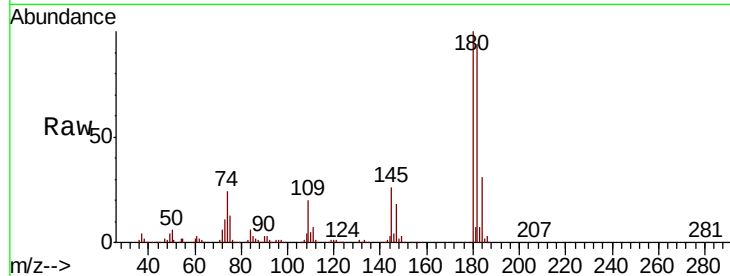




#67
 1,3,5-Trichlorobenzene
 Concen: 27.600 ug/L
 RT: 14.63 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	73.8	110.8
184	30.2	23.7	35.5
145	27.7	22.8	34.2



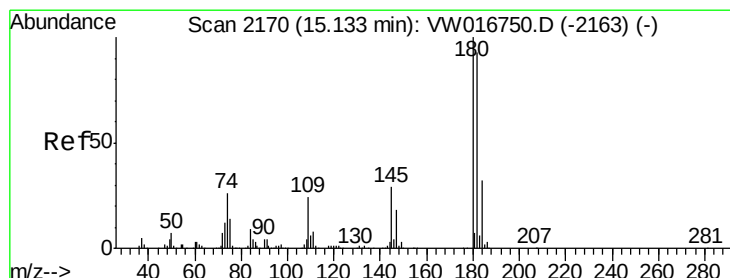
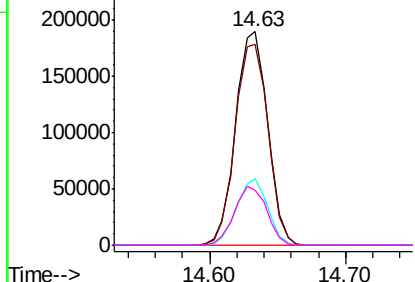
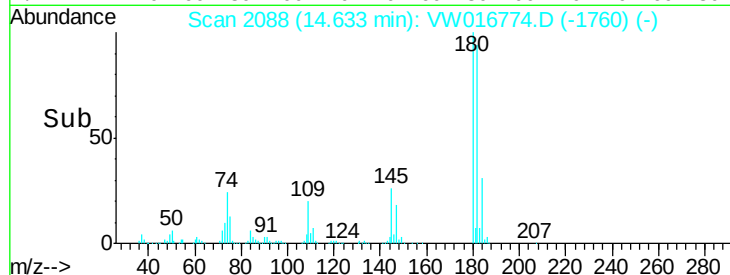
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

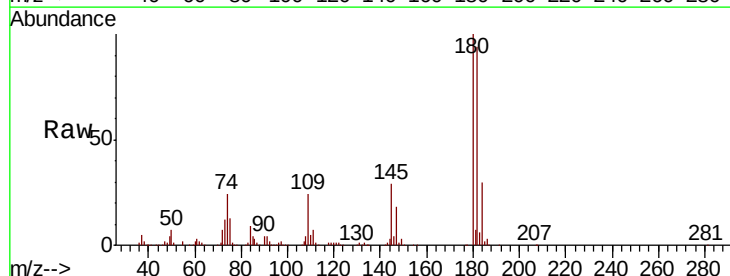
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 27.953 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016774.D
 Acq: 02 Oct 2020 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	74.5	111.7
145	28.6	23.1	34.7

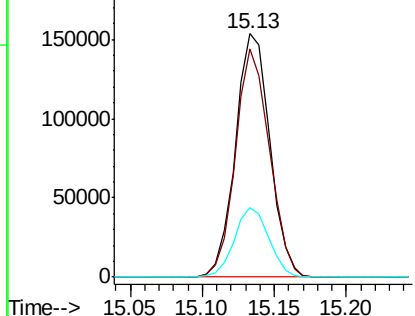
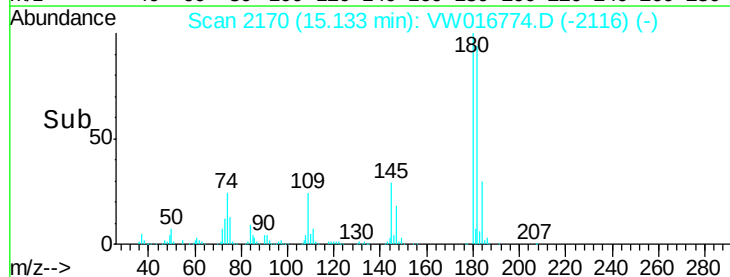


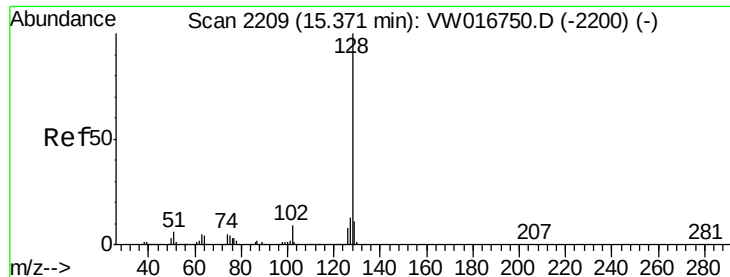
Abundance

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

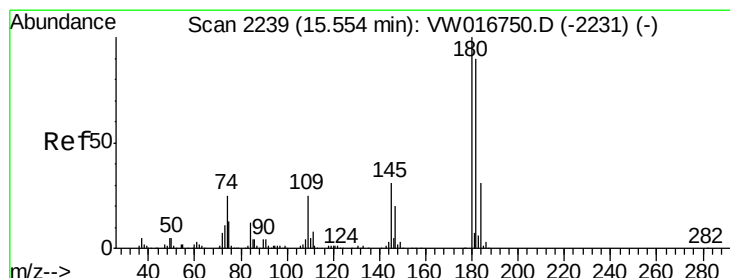
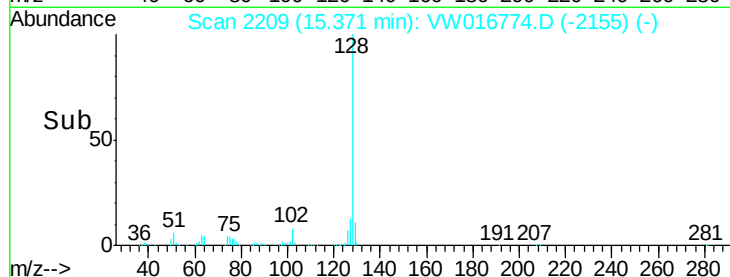
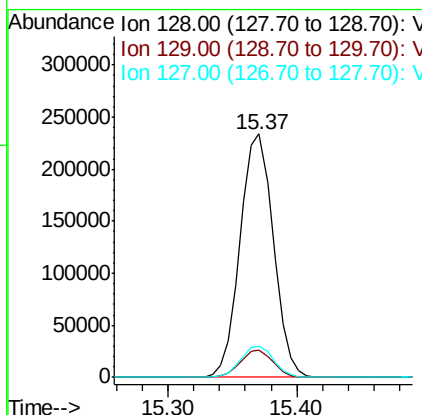
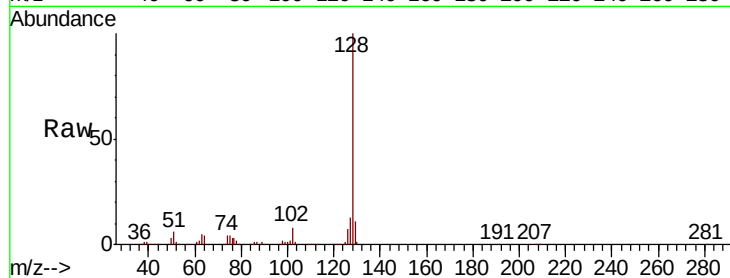




#69
Naphthalene
Concen: 25.713 ug/L
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 417562
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.7 10.8 16.2



#70
1,2,3-Trichlorobenzene
Concen: 27.566 ug/L
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW016774.D
Acq: 02 Oct 2020 19:42

Tgt Ion:180 Resp: 217184
Ion Ratio Lower Upper
180 100
182 94.4 76.3 114.5
145 31.6 24.1 36.1

