

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063864.D
 Acq On : 5 Oct 2020 12:30
 Operator : JC/MD
 Sample : VN1005WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

Quant Time: Oct 06 01:37:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	277154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	431137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202019	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	228550	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
35) Dibromofluoromethane	7.55	113	157140	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	10.06	98	578341	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.38	95	215144	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	54181	18.527	ug/l	99
3) Chloromethane	2.04	50	62981	18.354	ug/l	98
4) Vinyl Chloride	2.17	62	61193	17.766	ug/l	98
5) Bromomethane	2.54	94	38324	17.689	ug/l	97
6) Chloroethane	2.68	64	39232	19.061	ug/l	90
7) Trichlorofluoromethane	2.99	101	103274	18.905	ug/l	97
8) Diethyl Ether	3.38	74	34572	18.713	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	55998	19.179	ug/l	99
10) Methyl Iodide	3.91	142	66235	19.537	ug/l	98
11) Tert butyl alcohol	4.72	59	48659	96.257	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50482	18.088	ug/l	94
13) Acrolein	3.57	56	31732	102.277	ug/l	97
14) Allyl chloride	4.28	41	97666	18.837	ug/l	95
15) Acrylonitrile	4.93	53	136733	94.494	ug/l	98
16) Acetone	3.78	43	133677	94.840	ug/l	99
17) Carbon Disulfide	4.01	76	133608	18.165	ug/l	99
18) Methyl Acetate	4.28	43	72652	19.852	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	194265	19.159	ug/l	100
20) Methylene Chloride	4.51	84	62642	19.463	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	57487	18.390	ug/l	98
22) Diisopropyl ether	5.90	45	210910	19.771	ug/l	96
23) Vinyl Acetate	5.85	43	850805	96.281	ug/l	100
24) 1,1-Dichloroethane	5.80	63	118486	19.426	ug/l	100
25) 2-Butanone	6.79	43	199779	99.974	ug/l	98
26) 2,2-Dichloropropane	6.78	77	103327	18.498	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	66345	18.453	ug/l	97
28) Bromochloromethane	7.15	49	58988	19.567	ug/l	100
29) Tetrahydrofuran	7.17	42	131931	98.437	ug/l	96
30) Chloroform	7.33	83	123030	19.345	ug/l	98
31) Cyclohexane	7.62	56	95148	17.899	ug/l #	93
32) 1,1,1-Trichloroethane	7.53	97	113760	19.831	ug/l	98
36) 1,1-Dichloropropene	7.75	75	86740	18.698	ug/l	99
37) Ethyl Acetate	6.88	43	89374	19.391	ug/l #	95
38) Carbon Tetrachloride	7.73	117	98983	19.028	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78562	16.982	ug/l	99
40) Benzene	8.00	78	251525	18.983	ug/l	100
41) Methacrylonitrile	7.17	41	127514	62.250	ug/l #	48
42) 1,2-Dichloroethane	8.08	62	108395	19.164	ug/l	100
43) Isopropyl Acetate	8.13	43	146476	19.267	ug/l	97
44) Trichloroethene	8.80	130	64700	18.636	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68349	19.100	ug/l	99
46) Dibromomethane	9.17	93	46484	18.830	ug/l	100
47) Bromodichloromethane	9.37	83	96595	18.986	ug/l	99
48) Methyl methacrylate	9.17	41	72639	19.339	ug/l	94
49) 1,4-Dioxane	9.16	88	18678	349.898	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	437810	98.133	ug/l	99
52) Toluene	10.13	92	157672	19.238	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103254	18.933	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	107261	18.806	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	63109	19.201	ug/l	98
56) Ethyl methacrylate	10.40	69	88122	18.915	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107244	19.286	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	225989	90.682	ug/l	100
59) 2-Hexanone	10.72	43	315163	95.095	ug/l	98
60) Dibromochloromethane	10.87	129	70205	18.341	ug/l	99
61) 1,2-Dibromoethane	10.98	107	63874	18.998	ug/l	97
64) Tetrachloroethene	10.60	164	62906	18.859	ug/l	98
65) Chlorobenzene	11.41	112	164354	18.584	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	65775	19.400	ug/l	98
67) Ethyl Benzene	11.49	91	300463	18.671	ug/l	99
68) m/p-Xylenes	11.59	106	223247	37.222	ug/l	100
69) o-Xylene	11.92	106	104852	18.704	ug/l	100
70) Styrene	11.94	104	178376	18.745	ug/l	99
71) Bromoform	12.10	173	46892	18.083	ug/l #	98
73) Isopropylbenzene	12.22	105	279023	18.936	ug/l	100
74) N-amyl acetate	12.05	43	122004	19.241	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	86531	19.204	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	120898	27.148	ug/l #	100
77) Bromobenzene	12.50	156	72490	20.049	ug/l	100
78) n-propylbenzene	12.57	91	318211	18.556	ug/l	100
79) 2-Chlorotoluene	12.65	91	198601	18.831	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	237372	19.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	29482	19.067	ug/l	96
82) 4-Chlorotoluene	12.75	91	207791	18.979	ug/l	99
83) tert-Butylbenzene	12.97	119	183980	18.195	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	231201	18.732	ug/l	97
85) sec-Butylbenzene	13.15	105	247450	18.631	ug/l	100
86) p-Isopropyltoluene	13.26	119	216837	18.455	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	121978	18.648	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	123127	18.078	ug/l	100
89) n-Butylbenzene	13.59	91	181672	16.753	ug/l	99
90) Hexachloroethane	13.85	117	42116	18.498	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	118361	18.269	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19501	18.455	ug/l	96

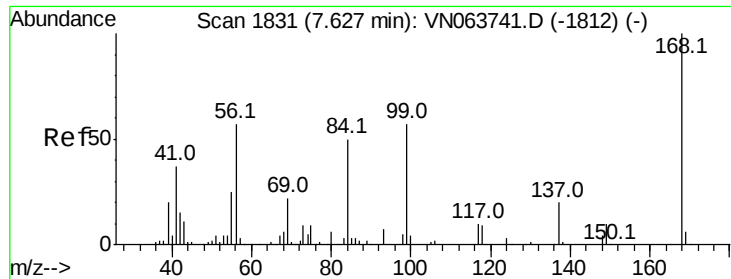
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54290	16.612	ug/l	96
94) Hexachlorobutadiene	14.98	225	33427	19.070	ug/l	99
95) Naphthalene	15.10	128	163715	16.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	54039	16.887	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

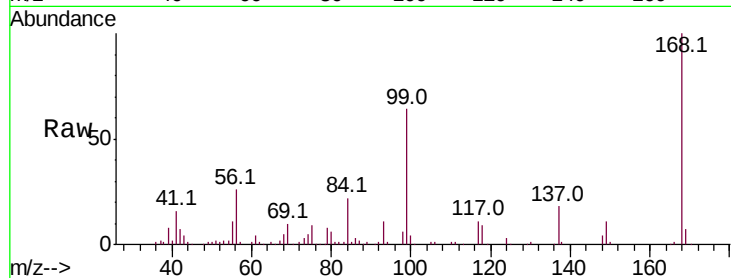
VN1005WBS01

Tot Ion:168 Resp: 277154

Ion Ratio Lower Upper

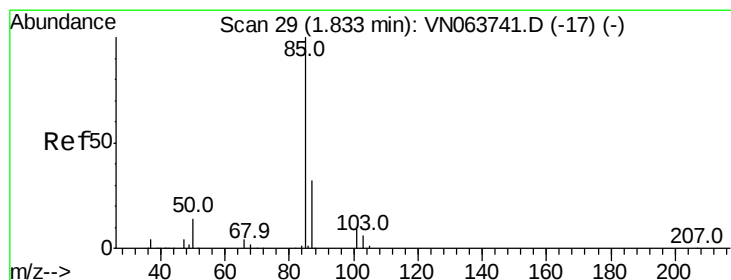
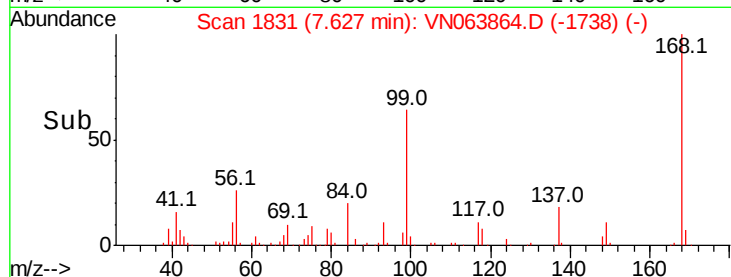
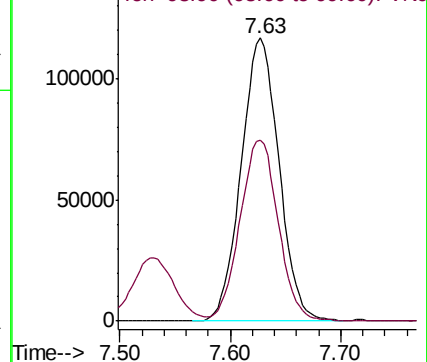
168 100

99 63.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.527 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063864.D

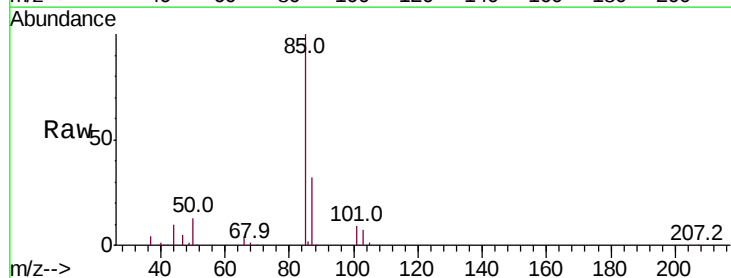
Acq: 5 Oct 2020 12:30

Tgt Ion: 85 Resp: 54181

Ion Ratio Lower Upper

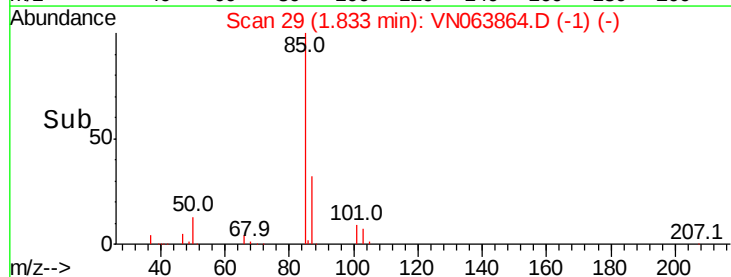
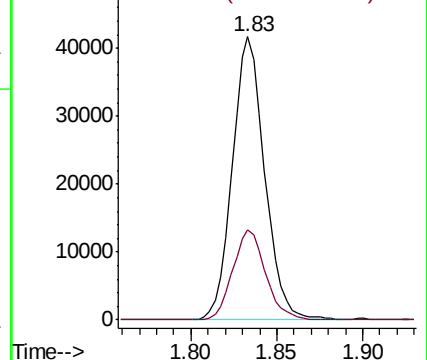
85 100

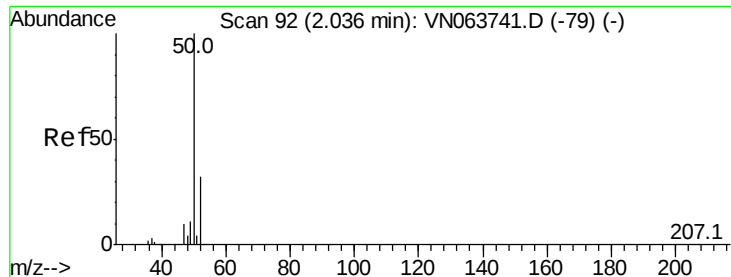
87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

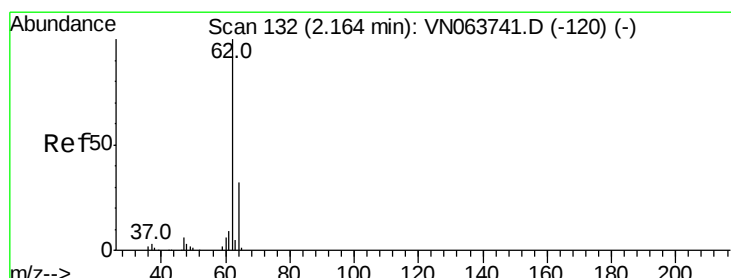
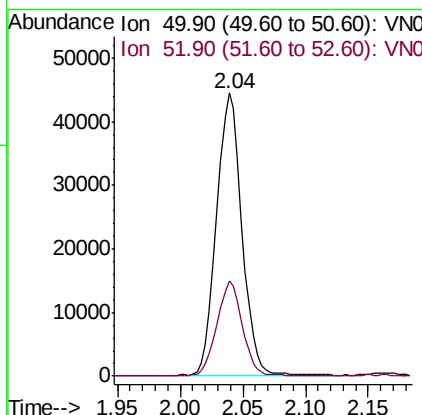
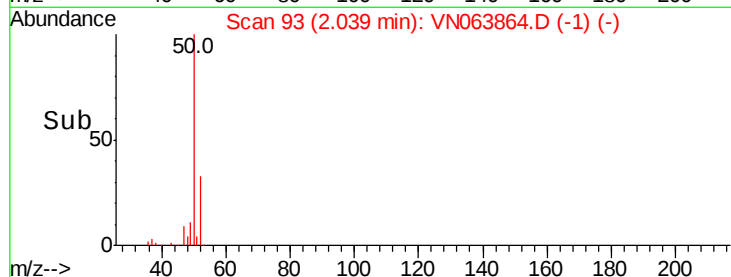
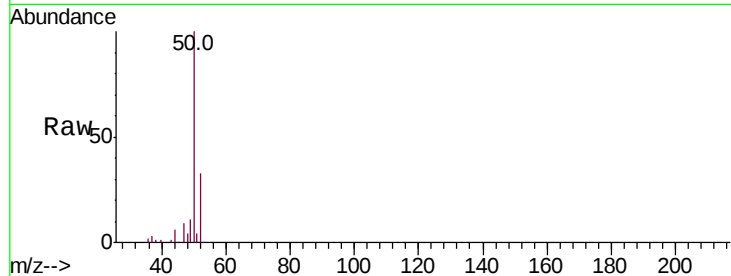




#3
Chloromethane
Concen: 18.354 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

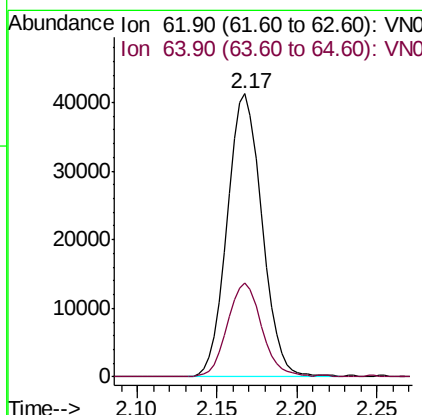
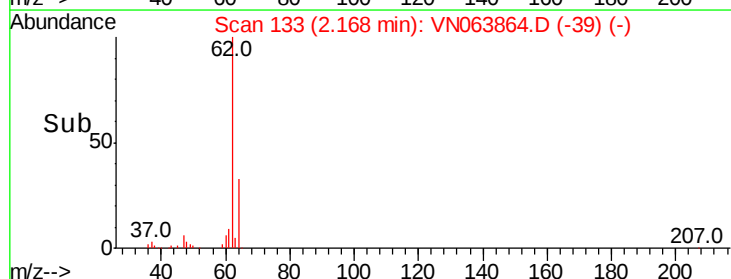
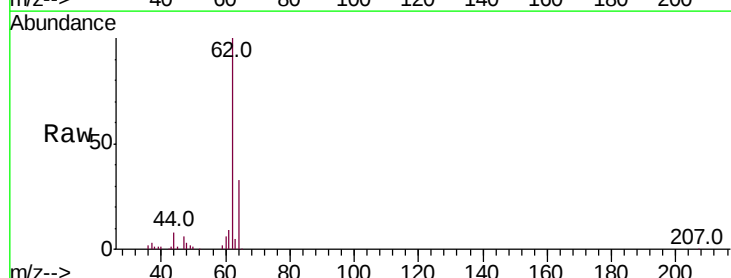
Instrument :
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VN1005WBS01

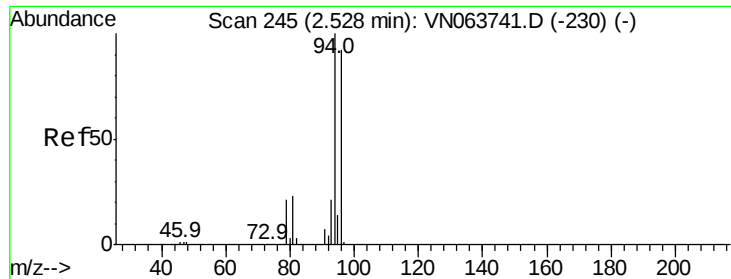
Tot Ion: 50 Resp: 62981
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.8



#4
Vinyl Chloride
Concen: 17.766 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 62 Resp: 61193
Ion Ratio Lower Upper
62 100
64 33.0 25.6 38.4





#5

Bromomethane

Concen: 17.689 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

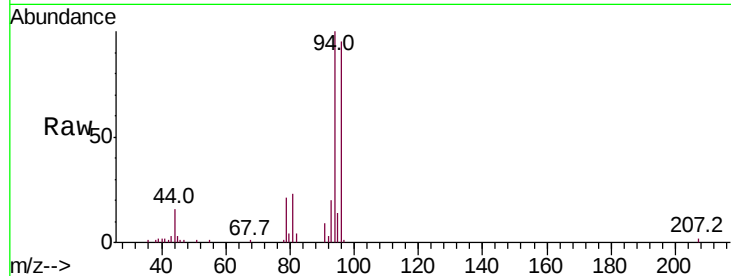
VN1005WBS01

Tot Ion: 94 Resp: 38324

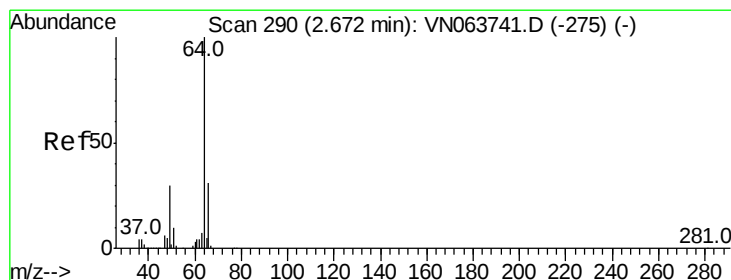
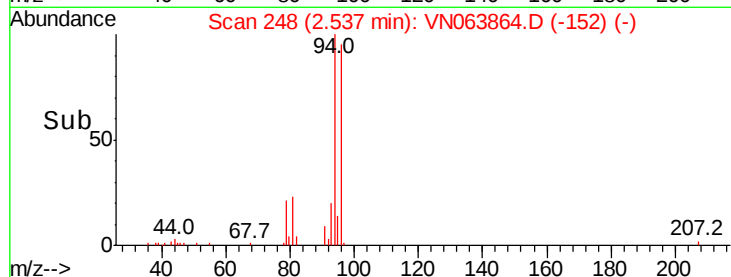
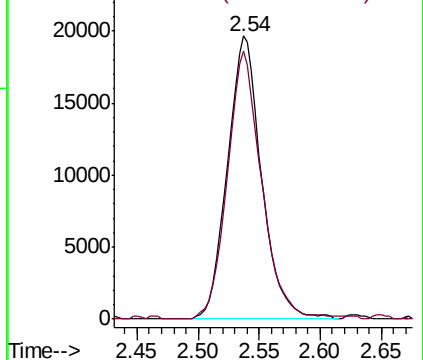
Ion Ratio Lower Upper

94 100

96 94.6 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.061 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063864.D

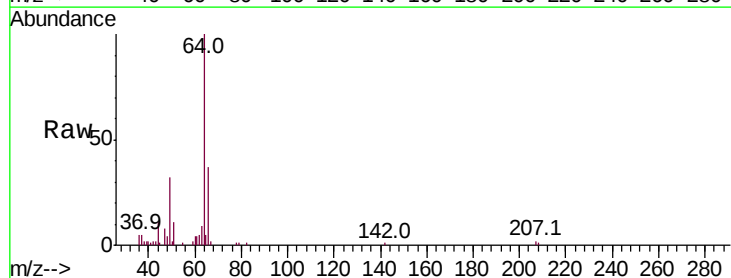
Acq: 5 Oct 2020 12:30

Tgt Ion: 64 Resp: 39232

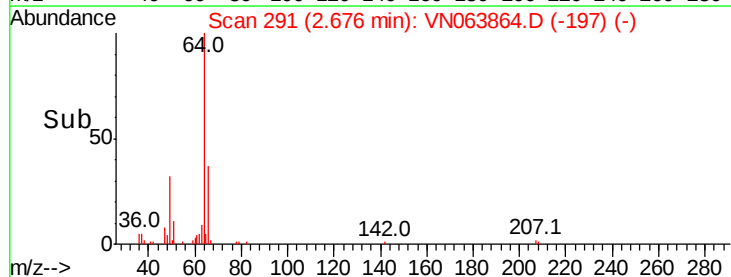
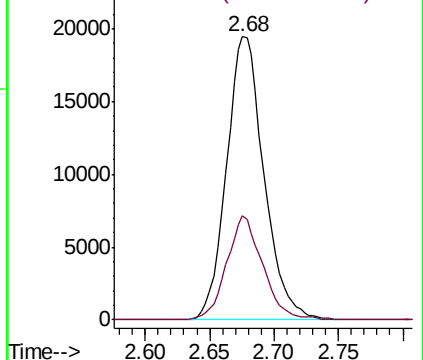
Ion Ratio Lower Upper

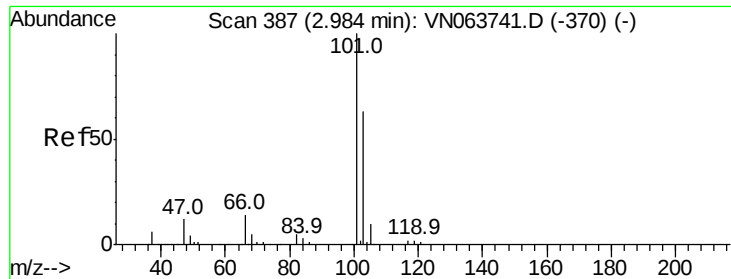
64 100

66 36.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



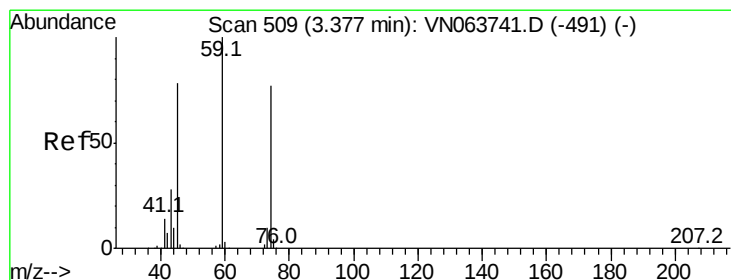
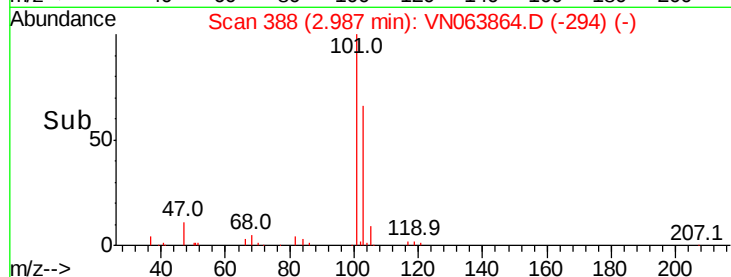
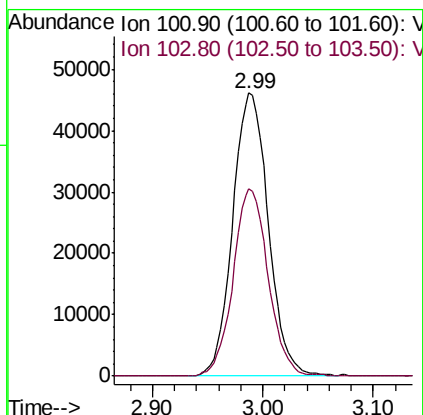
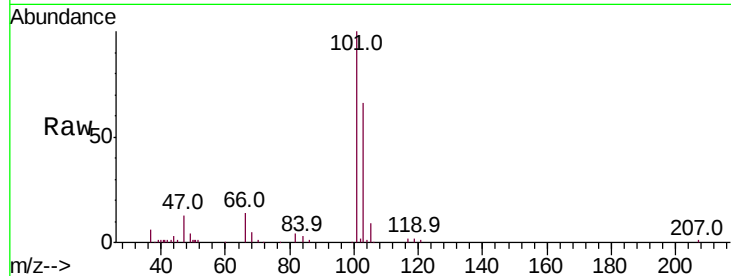


#7

Trichlorofluoromethane
 Concen: 18.905 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

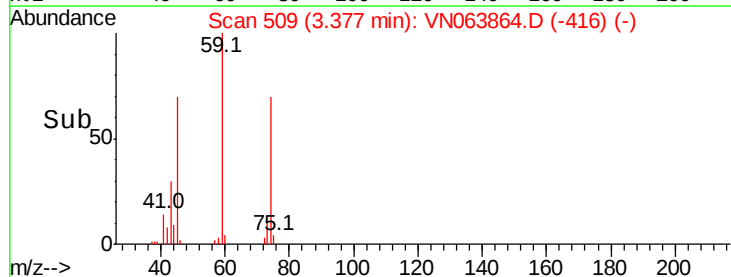
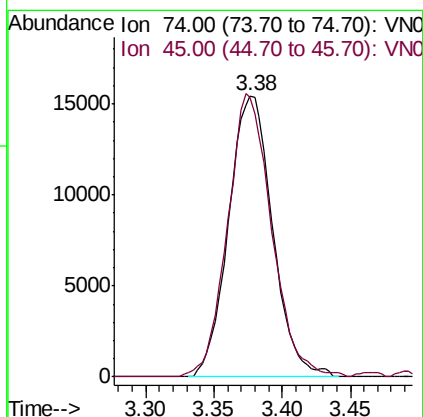
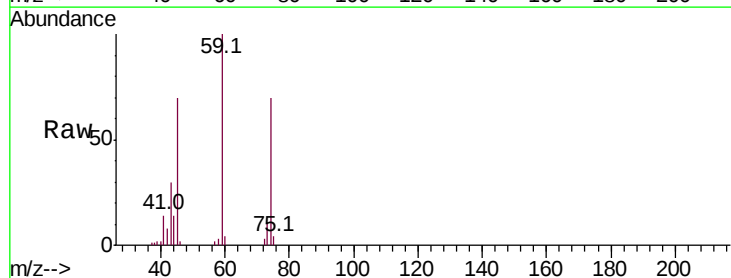
Tot Ion:101 Resp: 103274
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.7 76.1

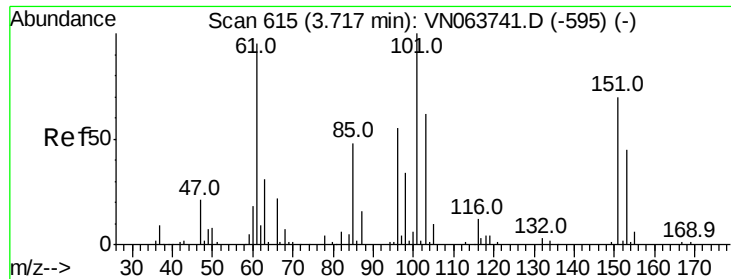


#8

Diethyl Ether
 Concen: 18.713 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 74 Resp: 34572
 Ion Ratio Lower Upper
 74 100
 45 100.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.179 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1005WBS01

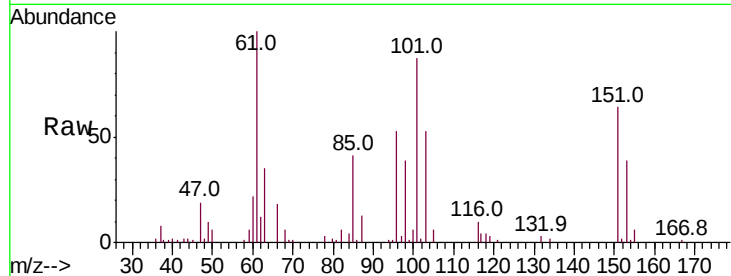
Tot Ion:101 Resp: 55998

Ion Ratio Lower Upper

101 100

85 47.8 38.6 58.0

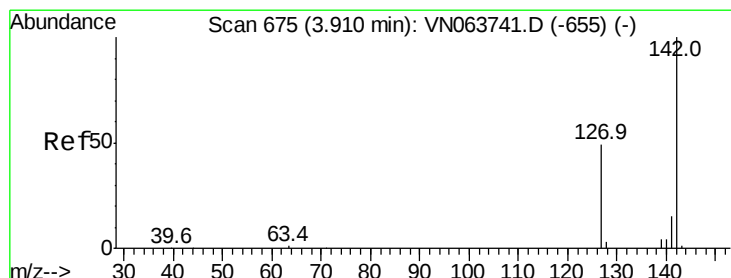
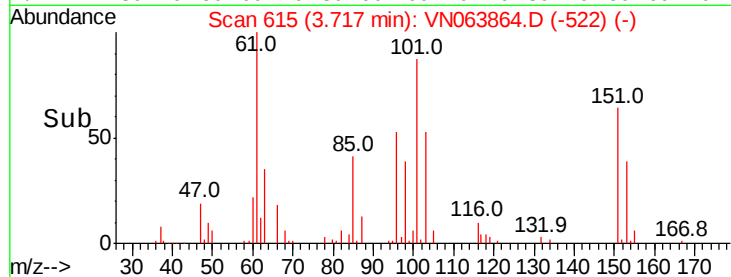
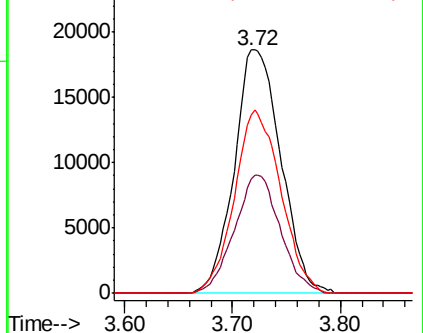
151 74.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.537 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

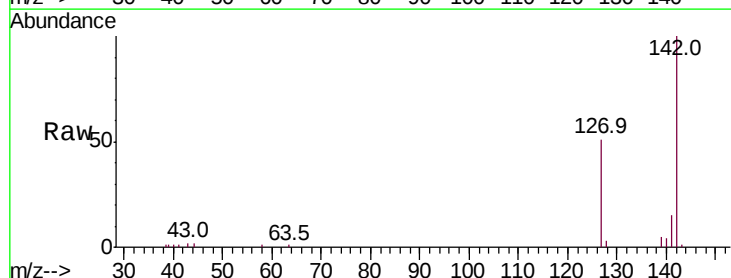
Tgt Ion:142 Resp: 66235

Ion Ratio Lower Upper

142 100

127 51.9 40.5 60.7

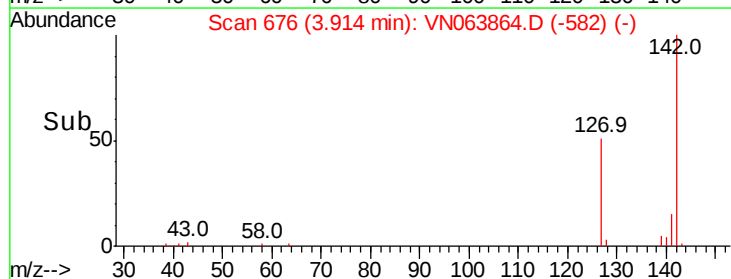
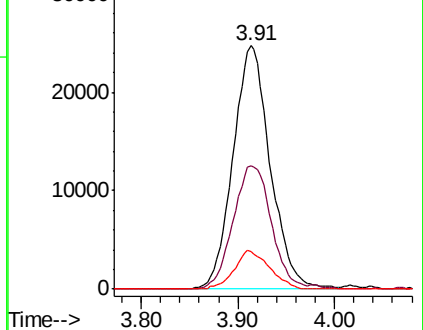
141 14.9 11.7 17.5

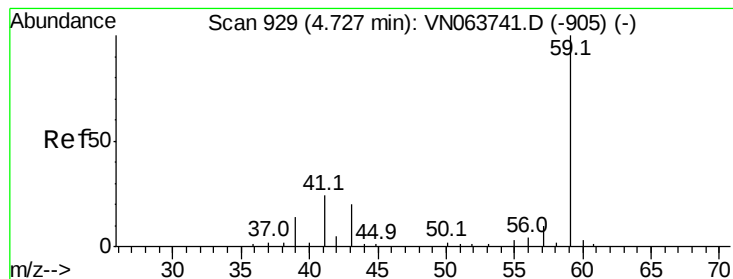


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



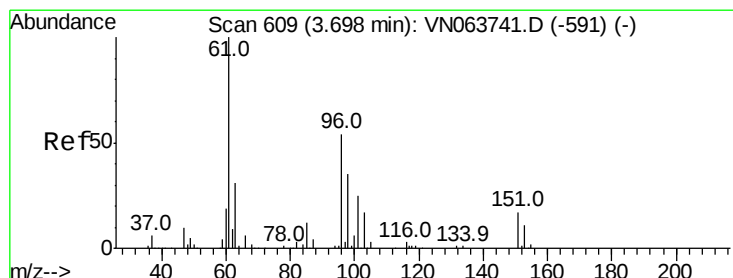
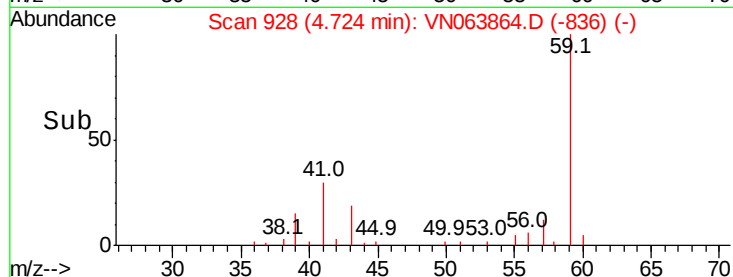
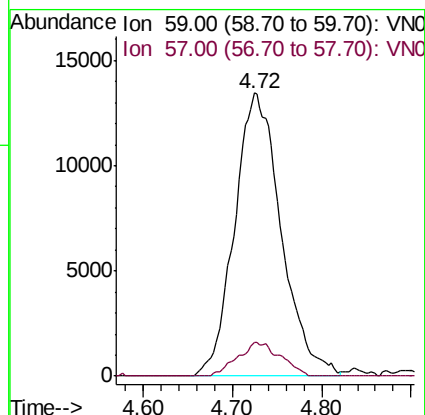
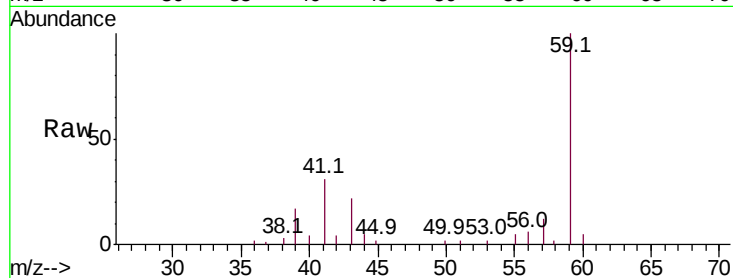


#11

Tert butyl alcohol
 Concen: 96.257 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Instrument :
 MSVOA_N
 ClientSampled :
 VN1005WBS01

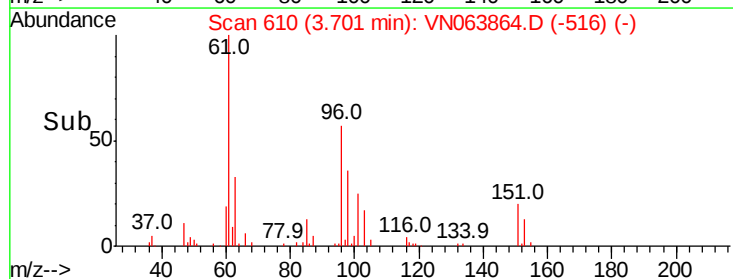
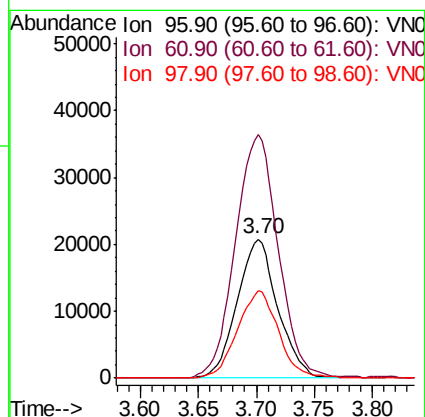
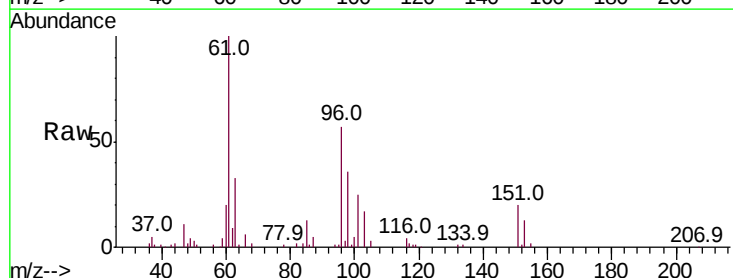
Tot Ion: 59 Resp: 48659
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.7 13.1

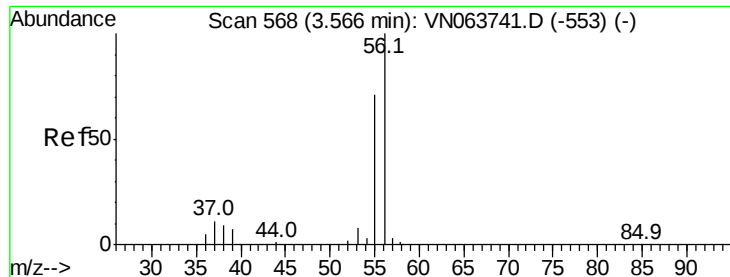


#12

1,1-Dichloroethene
 Concen: 18.088 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 96 Resp: 50482
 Ion Ratio Lower Upper
 96 100
 61 175.0 147.7 221.5
 98 63.1 51.9 77.9





#13

Acrolein

Concen: 102.277 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

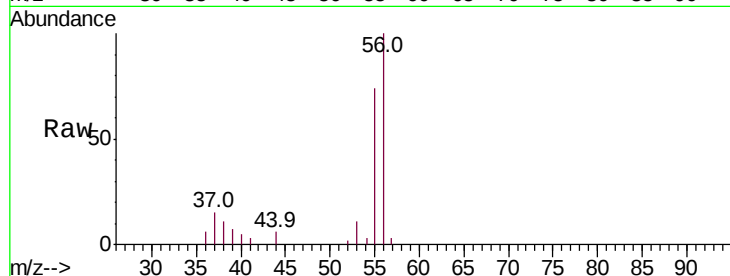
VN1005WBS01

Tot Ion: 56 Resp: 31732

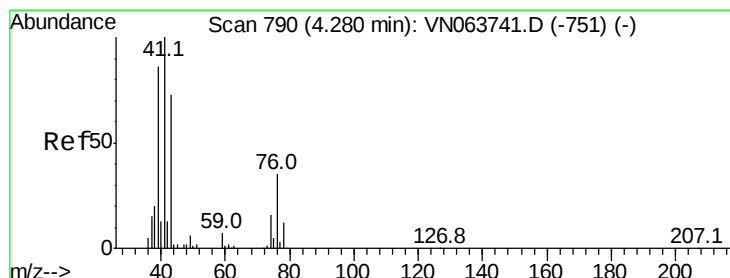
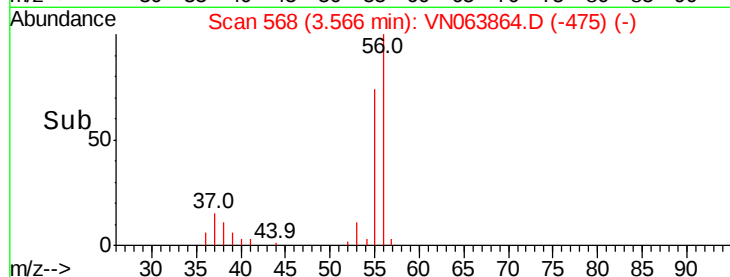
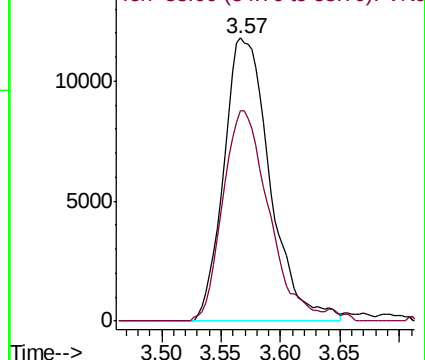
Ion Ratio Lower Upper

56 100

55 73.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 18.837 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

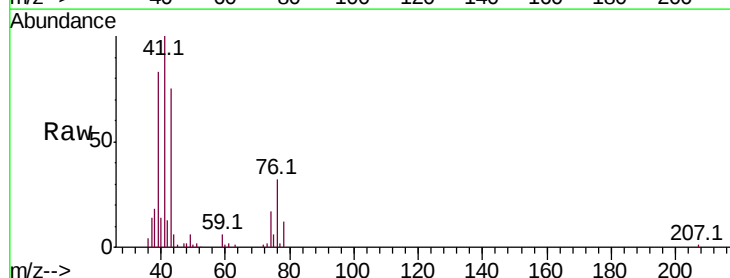
Tgt Ion: 41 Resp: 97666

Ion Ratio Lower Upper

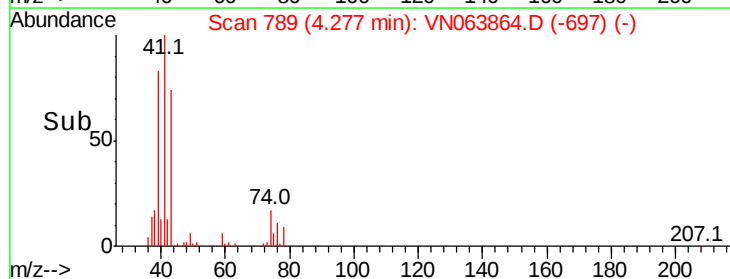
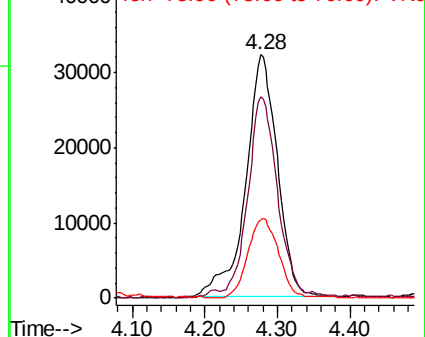
41 100

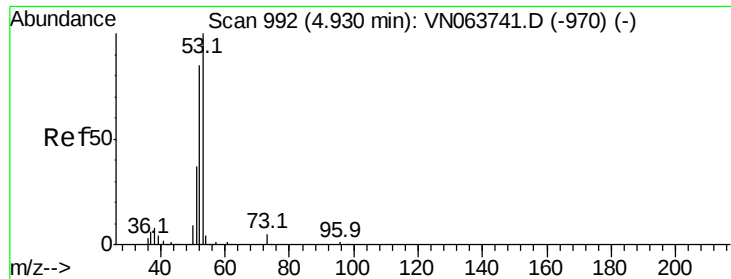
39 74.2 64.5 96.7

76 32.1 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 94.494 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

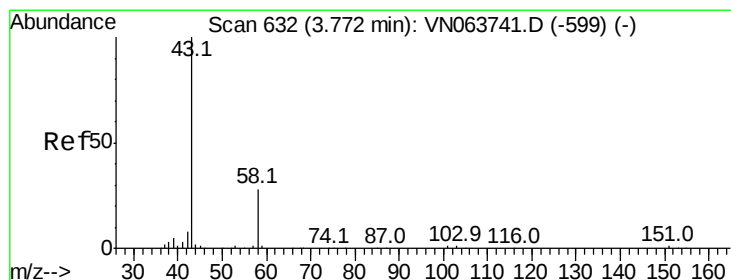
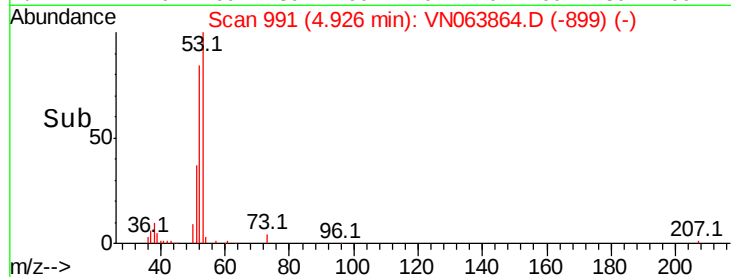
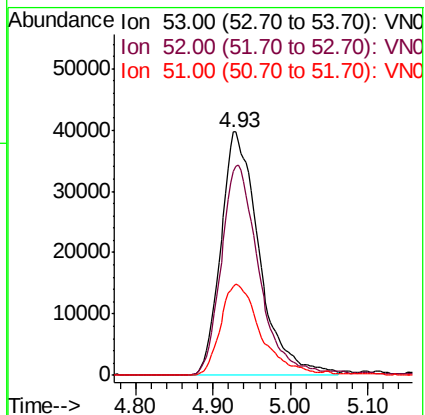
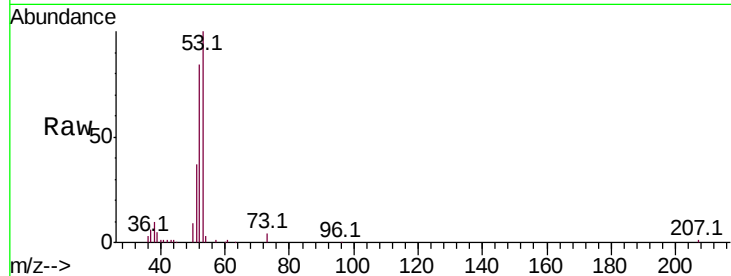
Tot Ion: 53 Resp: 136733

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

51 39.3 29.9 44.9



#16

Acetone

Concen: 94.840 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063864.D

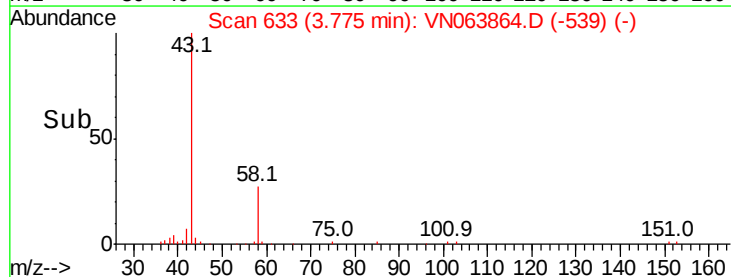
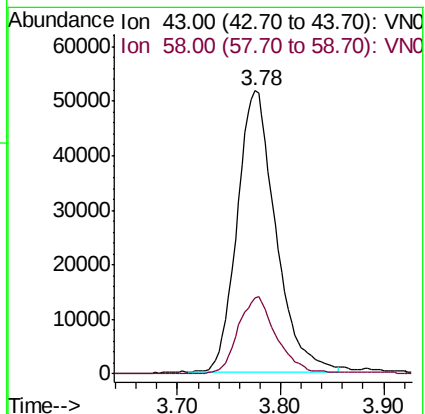
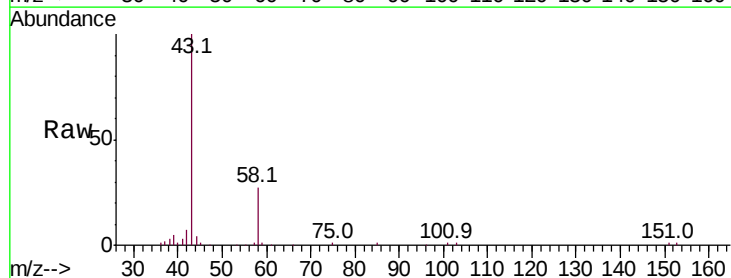
Acq: 5 Oct 2020 12:30

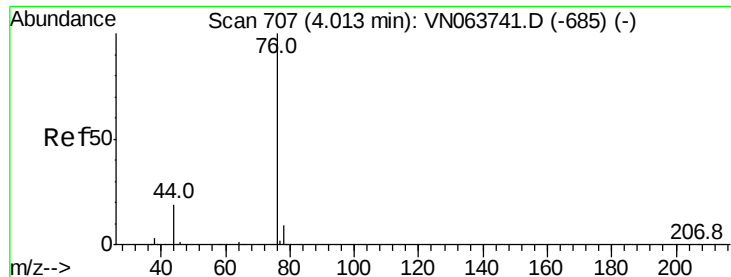
Tgt Ion: 43 Resp: 133677

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5

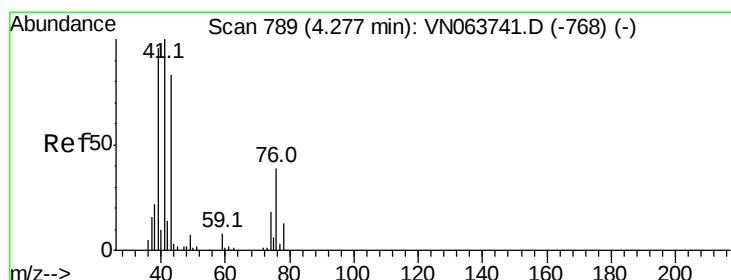
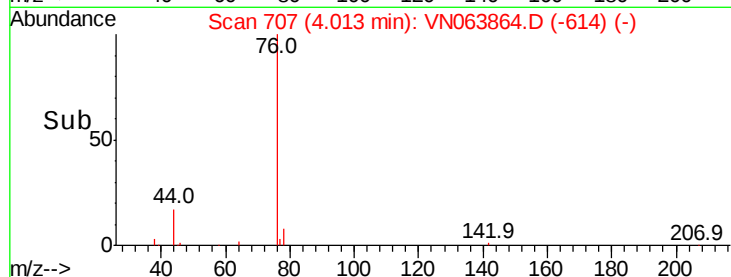
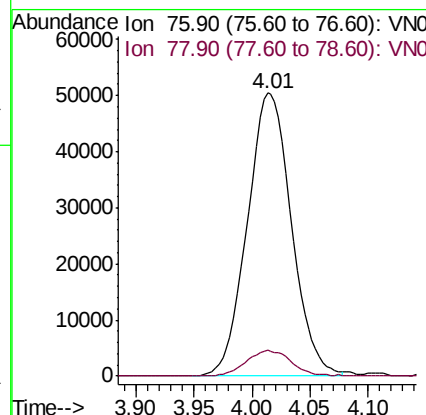
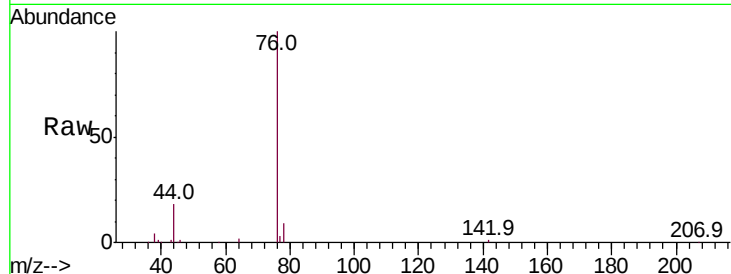




#17
Carbon Disulfide
Concen: 18.165 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

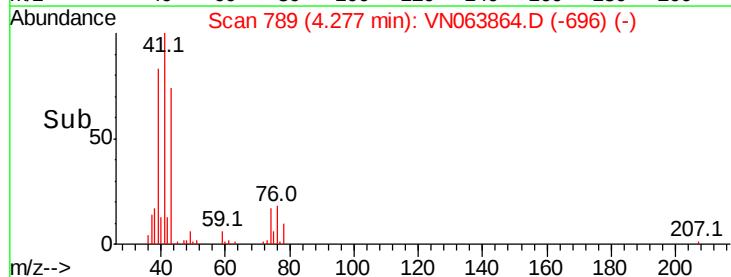
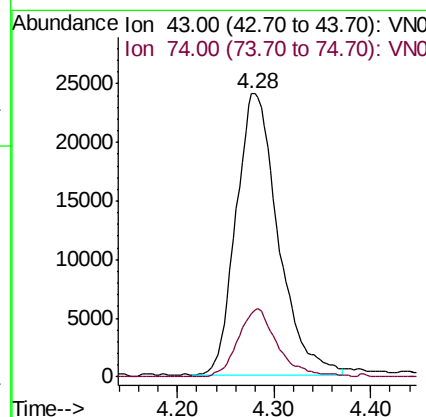
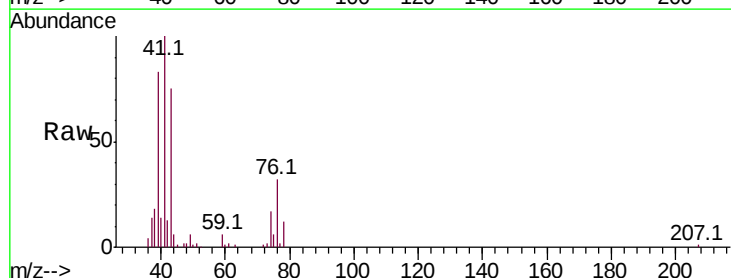
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

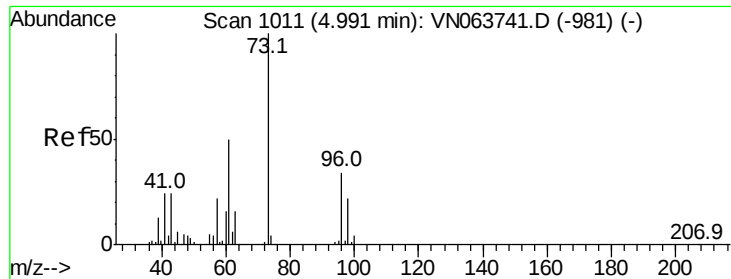
Tot Ion: 76 Resp: 133608
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 19.852 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 43 Resp: 72652
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2

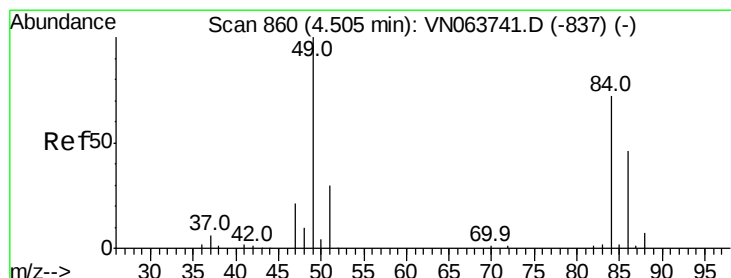
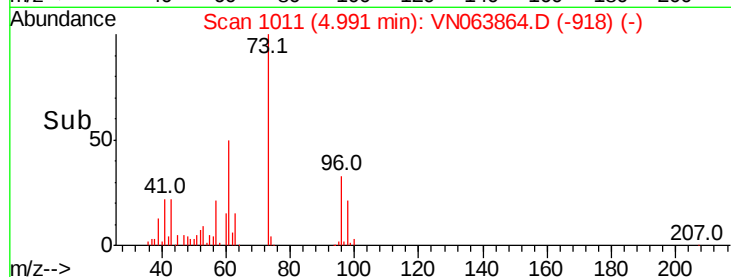
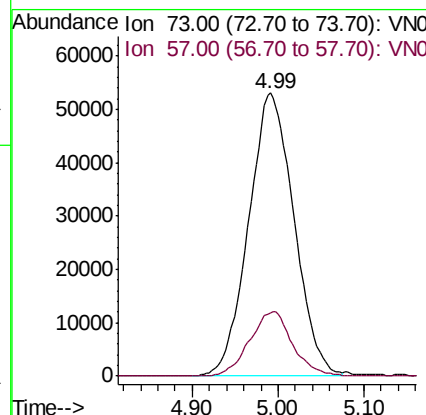
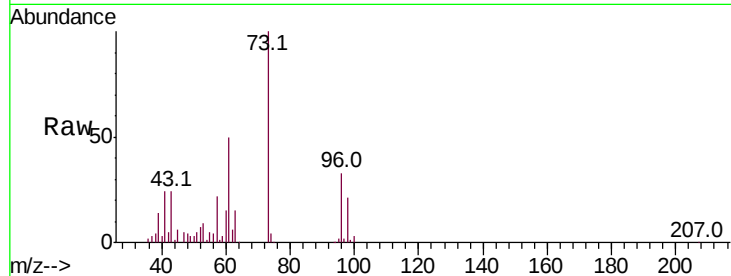




#19
Methyl tert-butyl Ether
Concen: 19.159 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

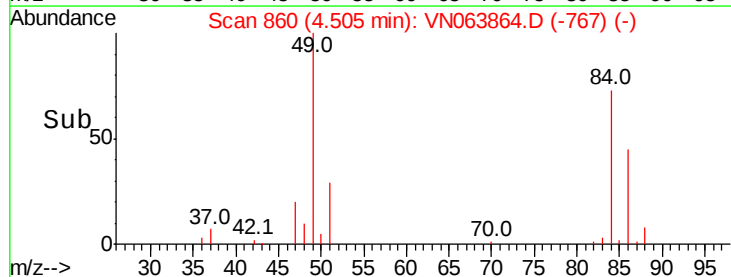
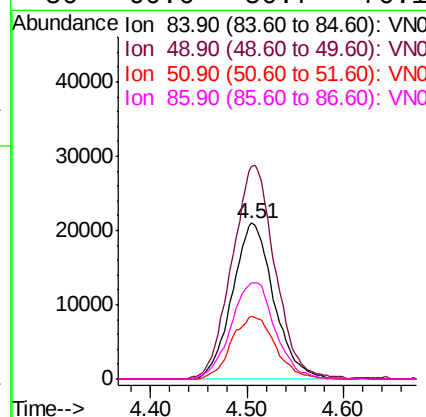
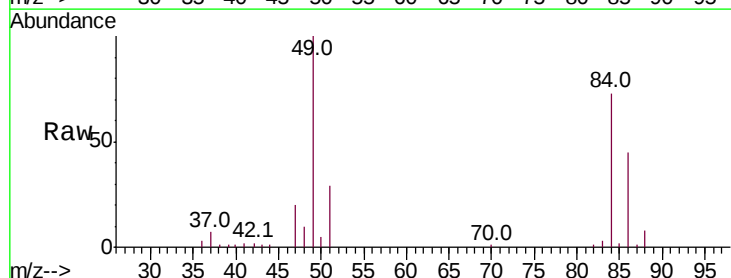
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

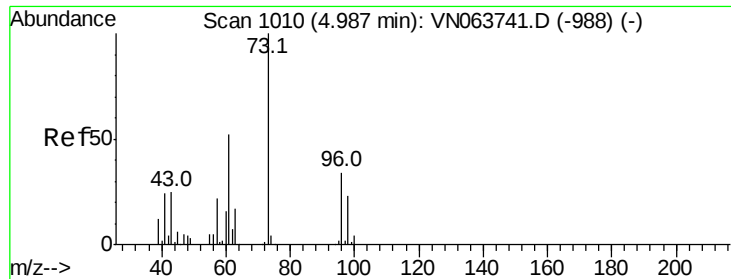
Tot Ion: 73 Resp: 194265
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#20
Methylene Chloride
Concen: 19.463 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 84 Resp: 62642
Ion Ratio Lower Upper
84 100
49 135.0 110.4 165.6
51 40.1 33.3 49.9
86 60.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.390 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1005WBS01

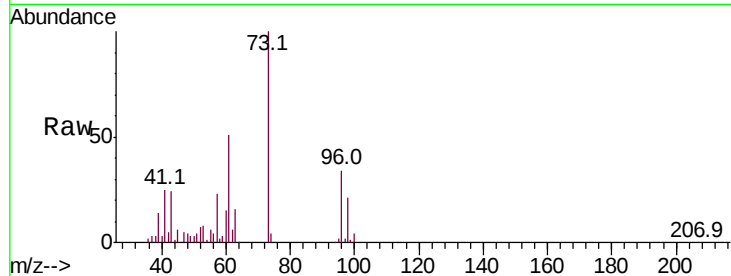
Tot Ion: 96 Resp: 57487

Ion	Ratio	Lower	Upper
96	100		
61	149.5	120.2	180.2
98	61.9	52.6	79.0

96 100

61 149.5 120.2 180.2

98 61.9 52.6 79.0

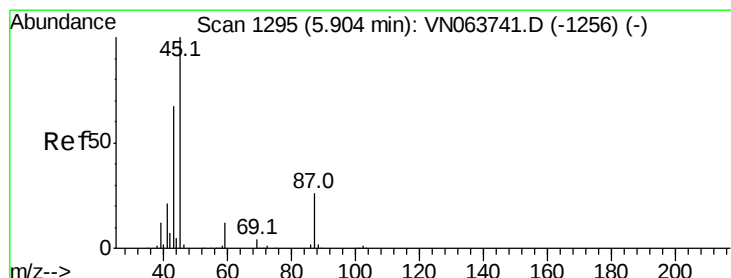
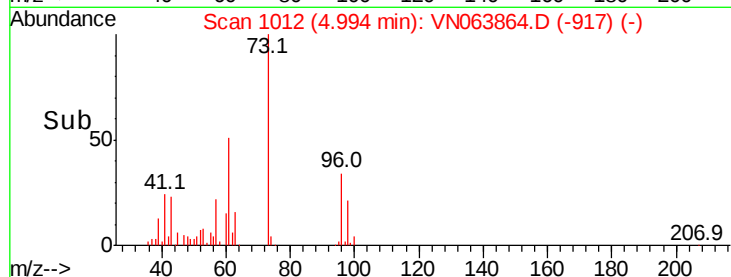
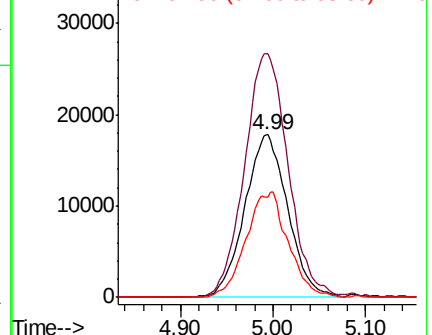


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.771 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Tgt Ion: 45 Resp: 210910

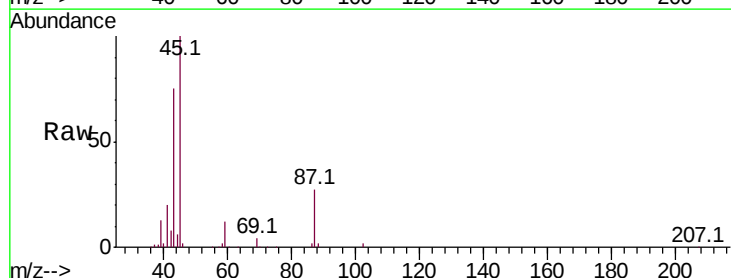
Ion	Ratio	Lower	Upper
45	100		
43	72.1	53.7	80.5
87	26.5	21.1	31.7
59	11.6	9.2	13.8

45 100

43 72.1 53.7 80.5

87 26.5 21.1 31.7

59 11.6 9.2 13.8



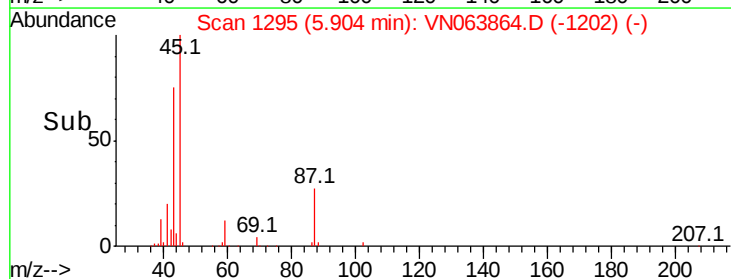
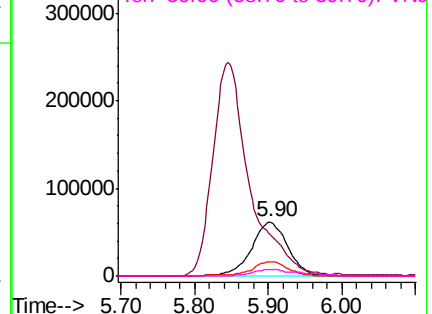
Abundance

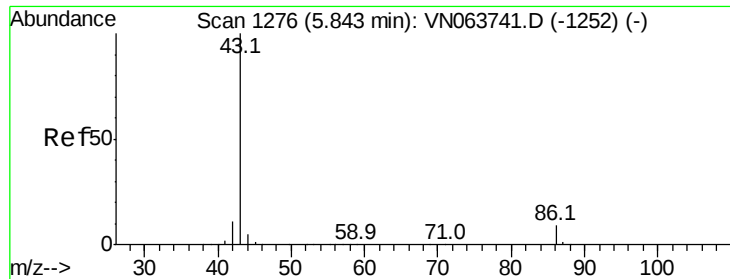
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

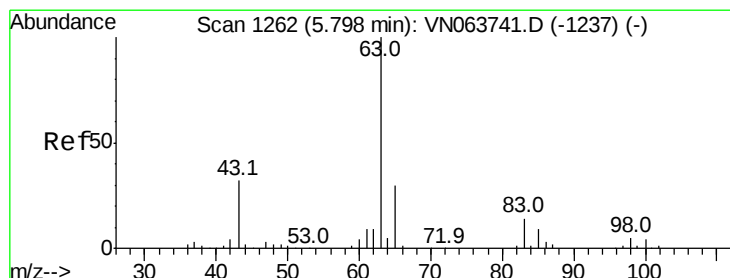
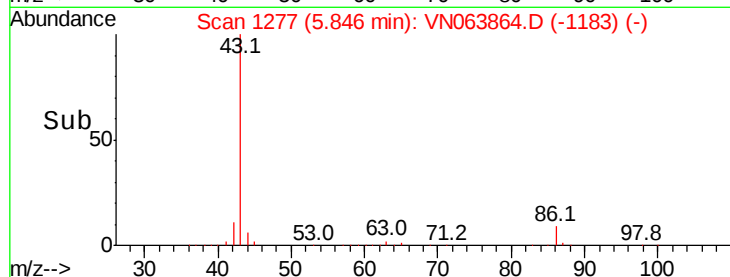
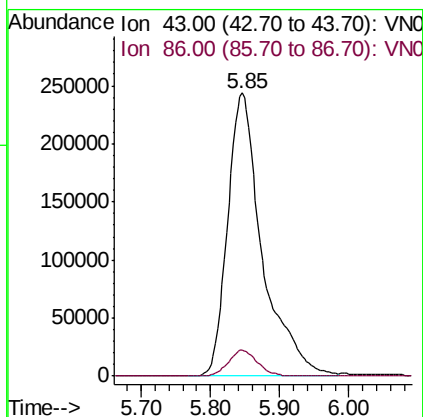
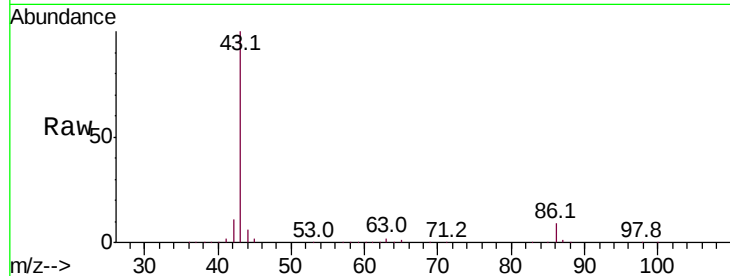




#23
 Vinyl Acetate
 Concen: 96.281 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

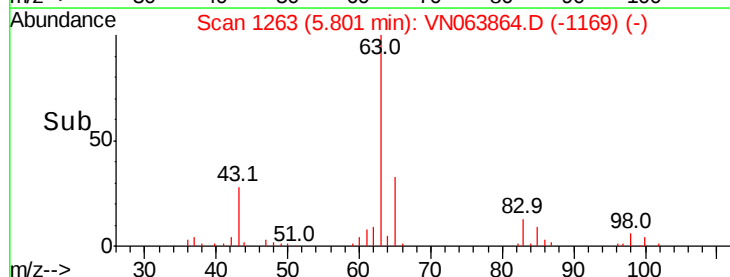
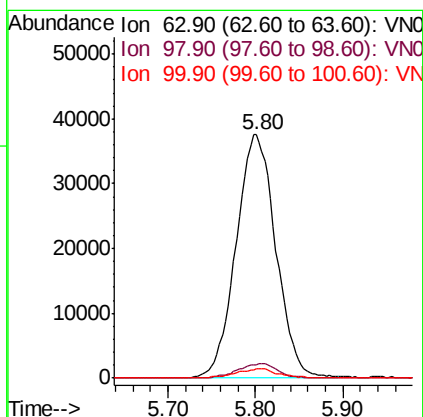
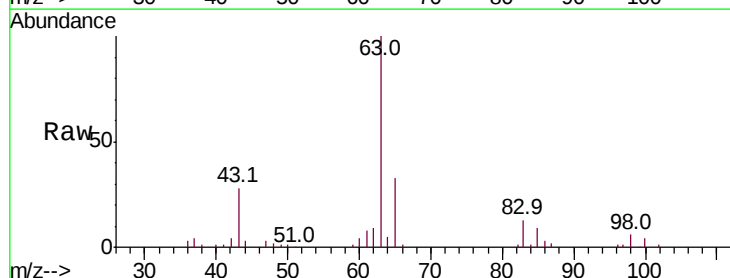
Instrument :
 MSVOA_N
 ClientSampled :
 VN1005WBS01

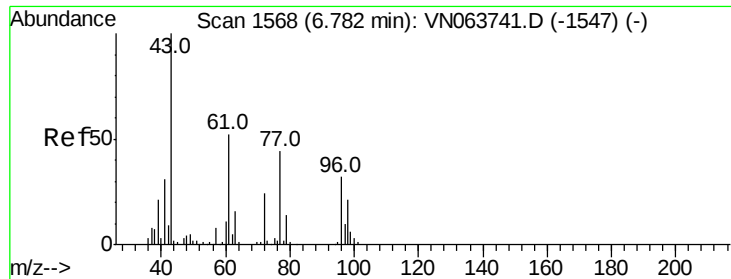
Tot Ion: 43 Resp: 850805
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.426 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 63 Resp: 118486
 Ion Ratio Lower Upper
 63 100
 98 5.6 2.7 8.1
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 99.974 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

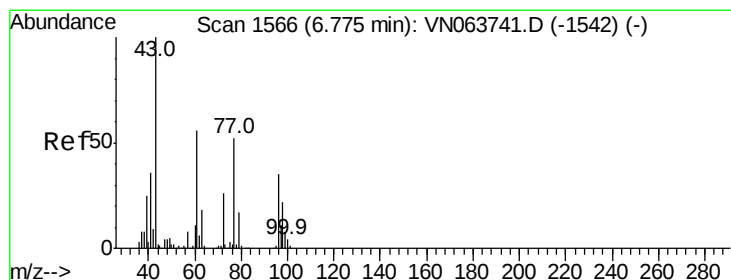
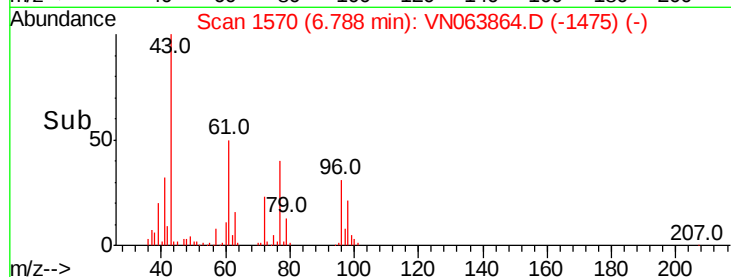
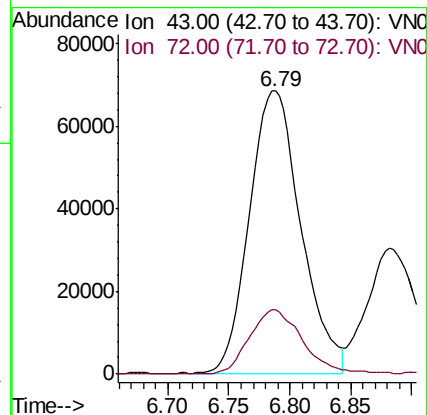
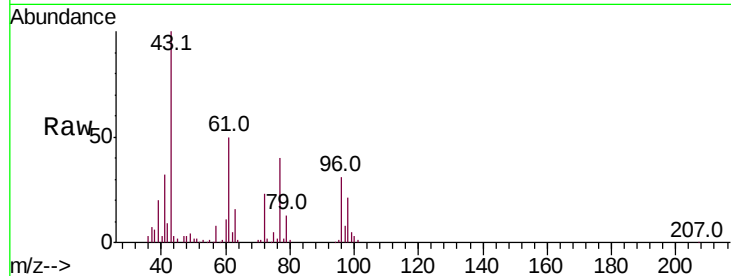
VN1005WBS01

Tot Ion: 43 Resp: 199779

Ion Ratio Lower Upper

43 100

72 22.9 19.3 28.9



#26

2,2-Dichloropropane

Concen: 18.498 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063864.D

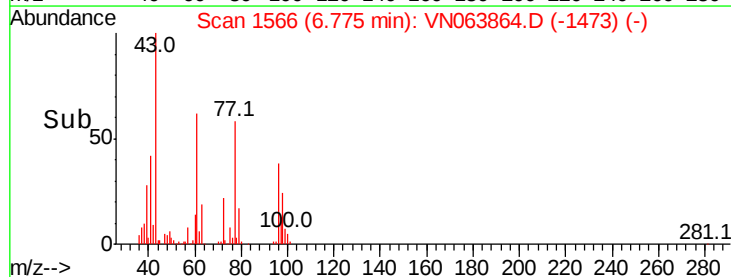
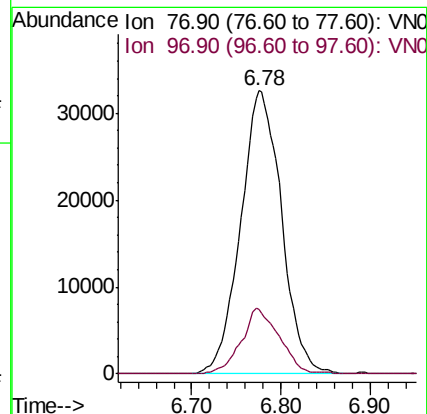
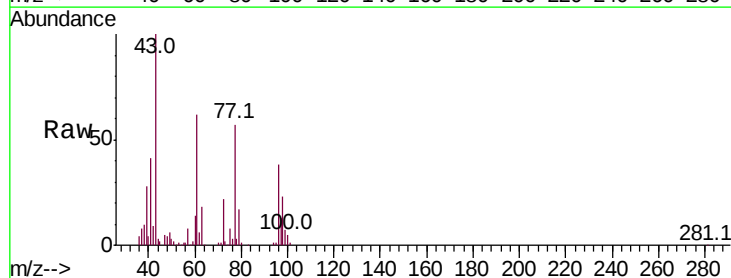
Acq: 5 Oct 2020 12:30

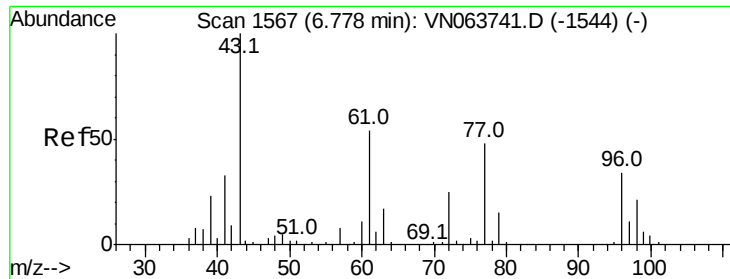
Tgt Ion: 77 Resp: 103327

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.453 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

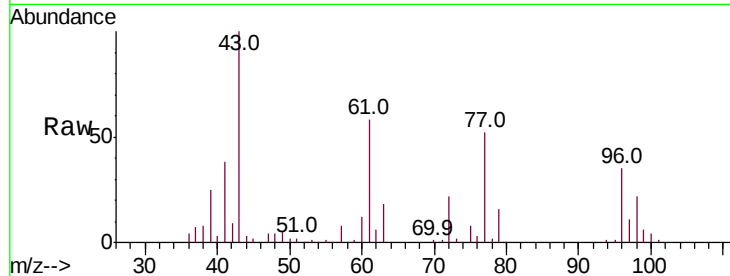
Tot Ion: 96 Resp: 66345

Ion Ratio Lower Upper

96 100

61 164.3 0.0 321.2

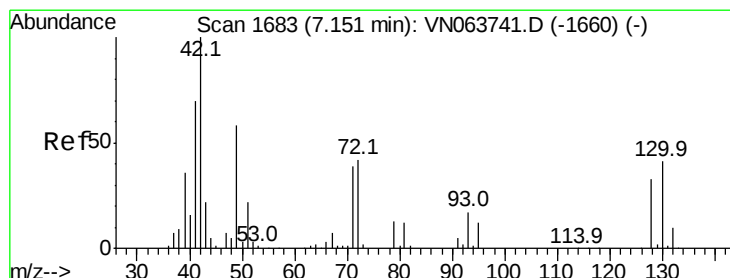
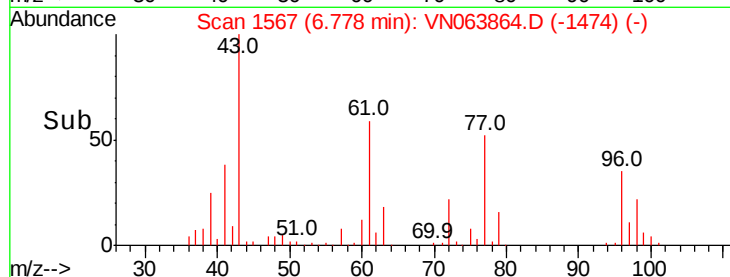
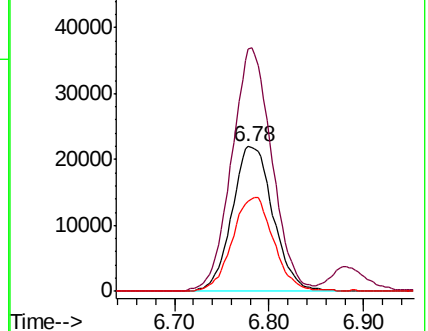
98 64.9 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063864.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN063864.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN063864.D (-1474) (-)



#28

Bromochloromethane

Concen: 19.567 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

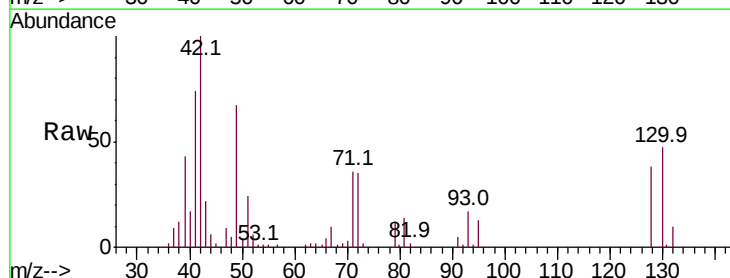
Tgt Ion: 49 Resp: 58988

Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.8

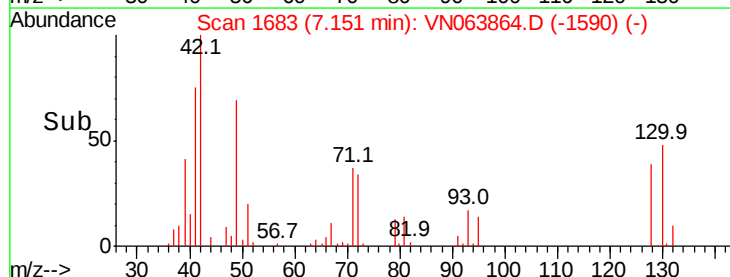
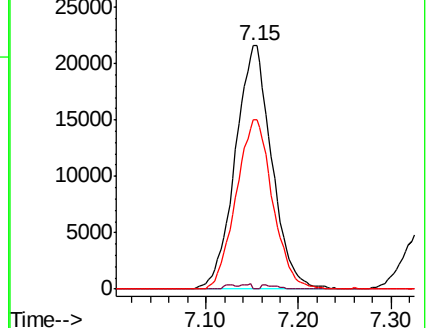
130 69.5 55.6 83.4

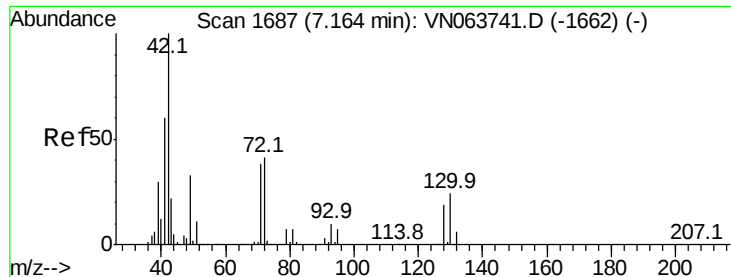


Abundance Ion 48.90 (48.60 to 49.60): VN063864.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063864.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063864.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 98.437 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

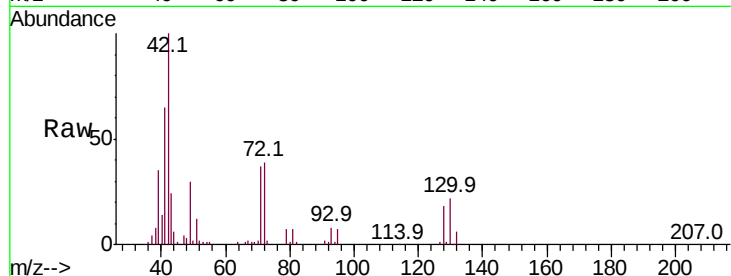
Tot Ion: 42 Resp: 131931

Ion Ratio Lower Upper

42 100

72 37.9 32.8 49.2

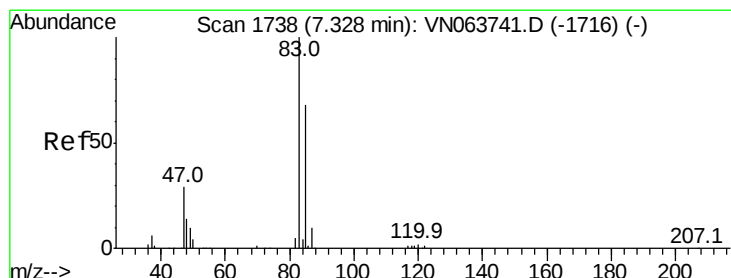
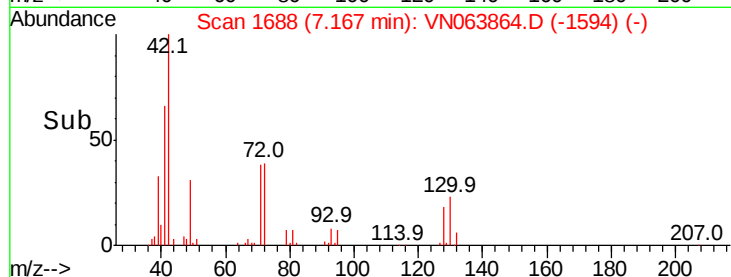
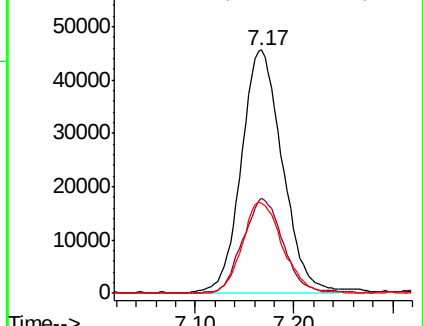
71 36.8 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.345 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063864.D

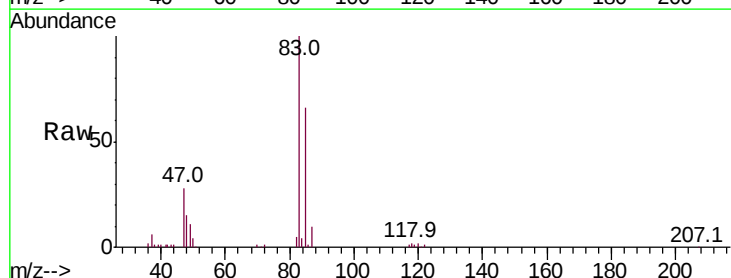
Acq: 5 Oct 2020 12:30

Tgt Ion: 83 Resp: 123030

Ion Ratio Lower Upper

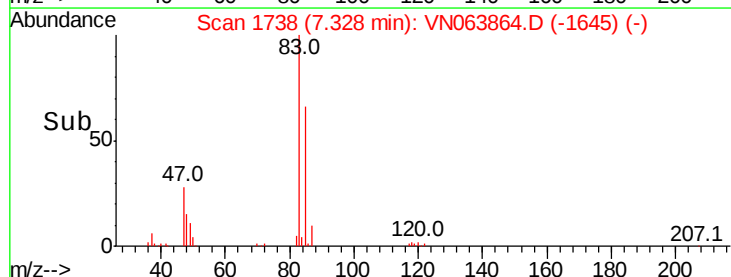
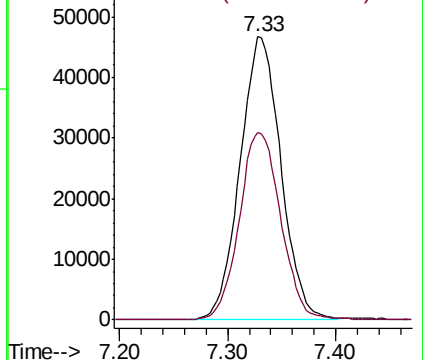
83 100

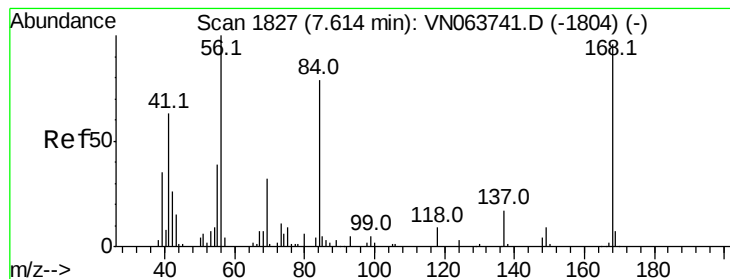
85 66.3 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.899 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

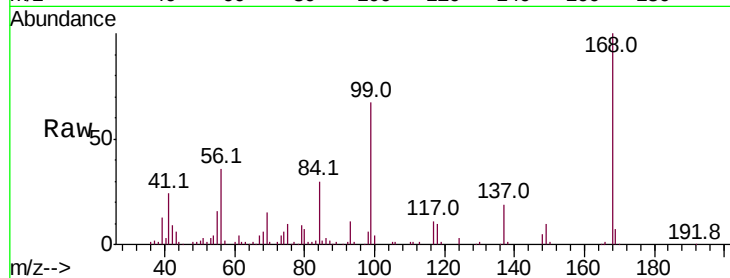
Tot Ion: 56 Resp: 95148

Ion Ratio Lower Upper

56 100

69 41.6 25.4 38.2#

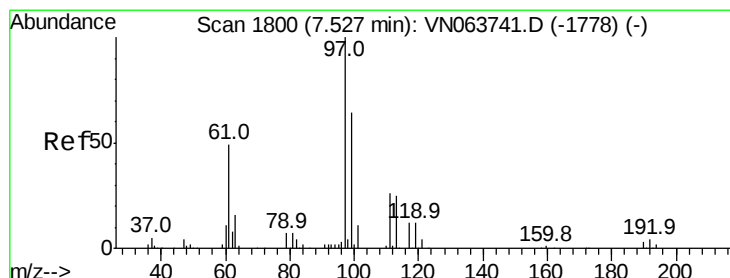
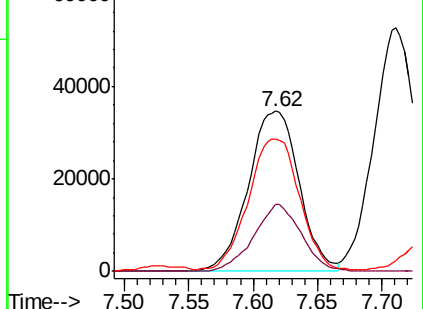
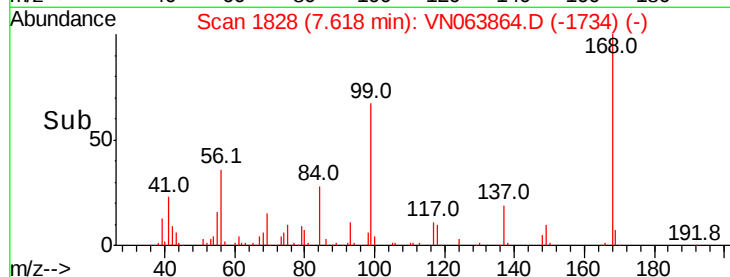
84 81.0 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063864.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063864.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063864.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 19.831 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

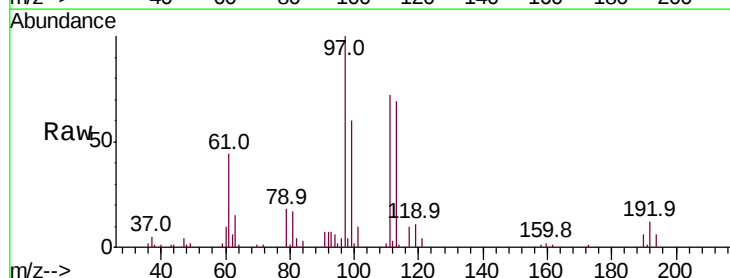
Tgt Ion: 97 Resp: 113760

Ion Ratio Lower Upper

97 100

99 62.1 51.0 76.6

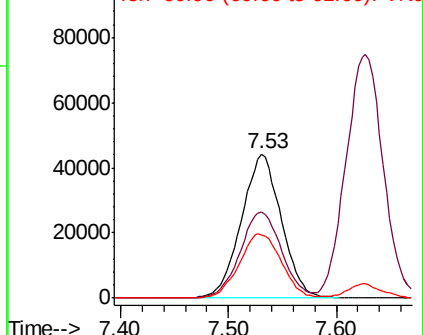
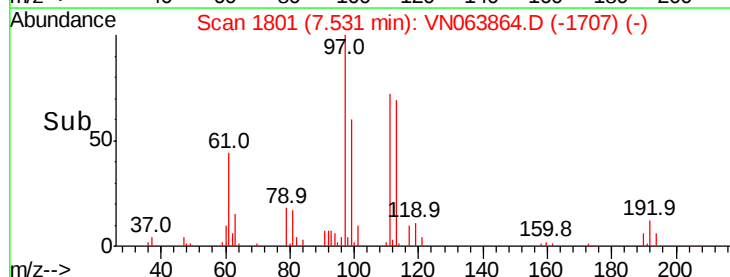
61 47.0 38.7 58.1

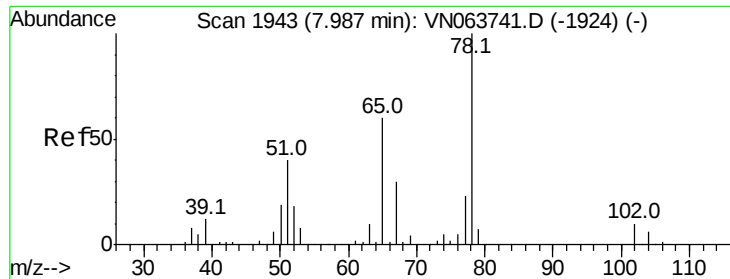


Abundance Ion 96.90 (96.60 to 97.60): VN063864.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063864.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063864.D (-1707) (-)

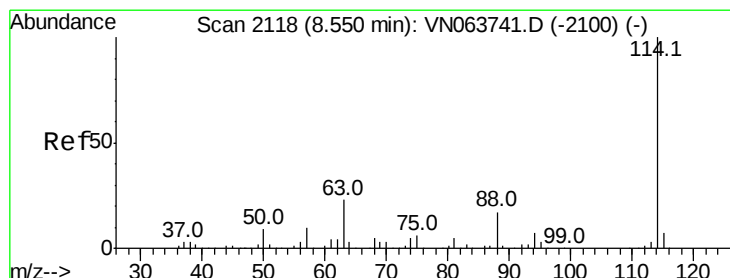
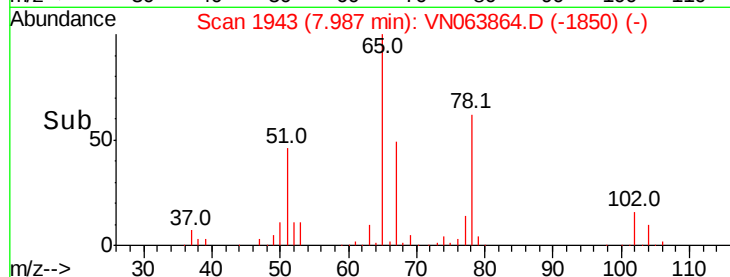
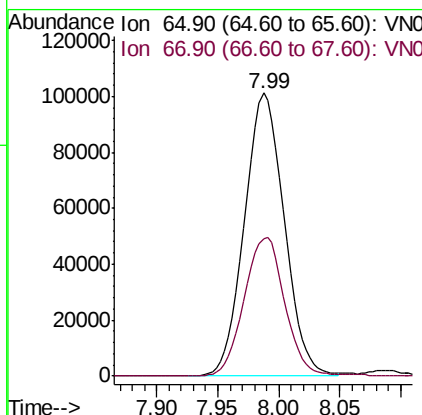
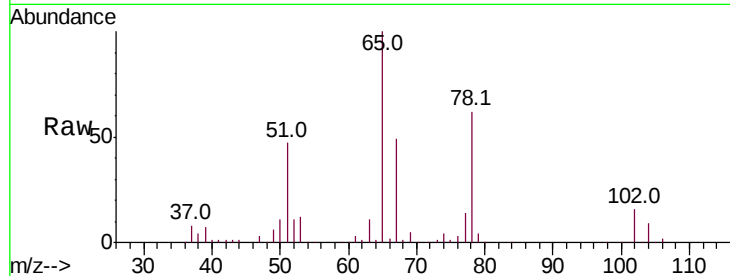




#33
 1,2-Dichloroethane-d4
 Concen: 49.915 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

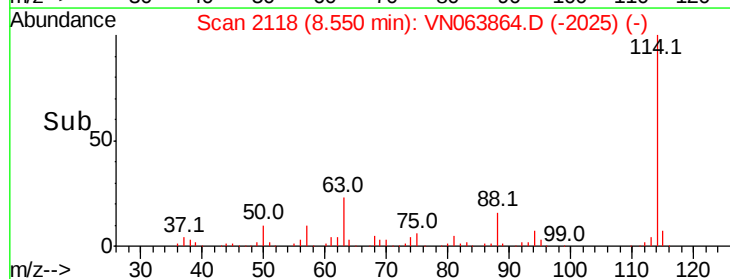
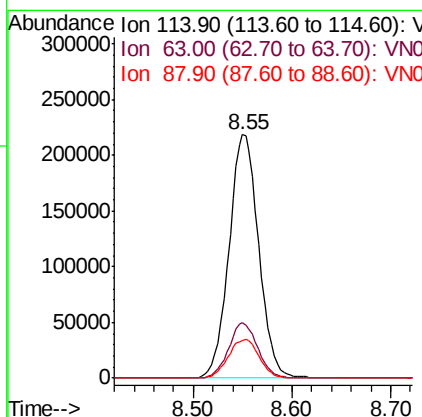
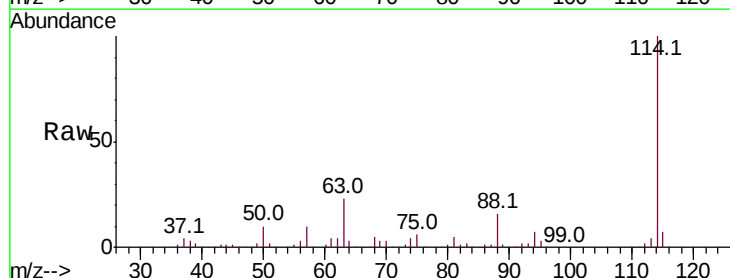
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

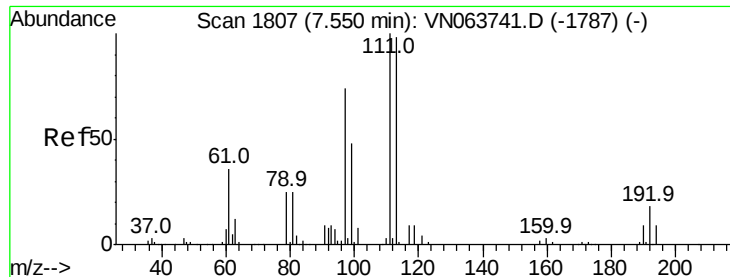
Tot Ion: 65 Resp: 228550
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 114 Resp: 457909
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.0
 88 15.6 0.0 34.0

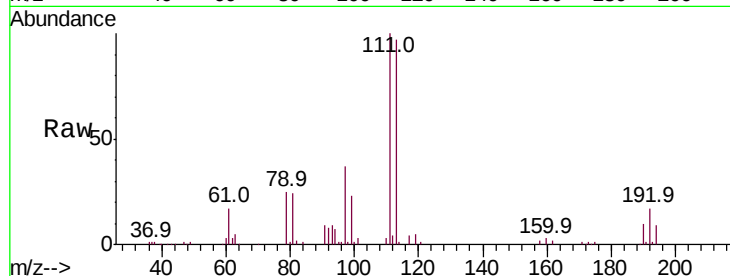




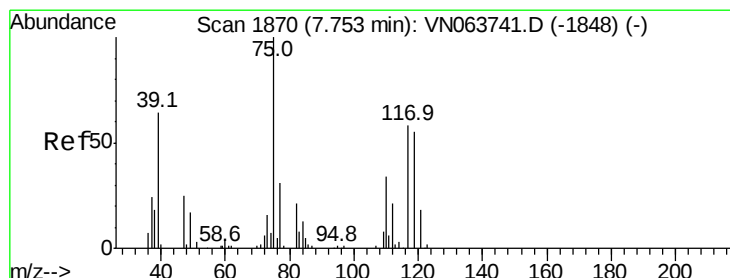
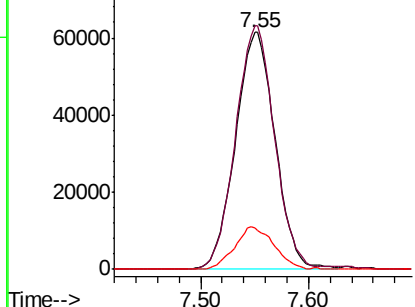
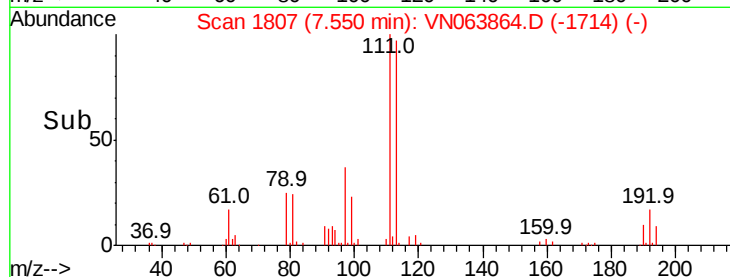
#35
Dibromofluoromethane
Concen: 49.457 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

Tot Ion:113 Resp: 157140
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 17.8 14.2 21.2

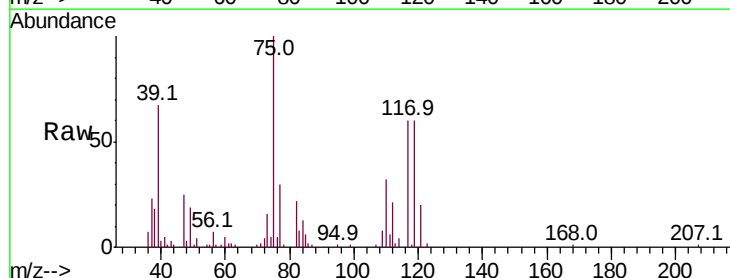


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

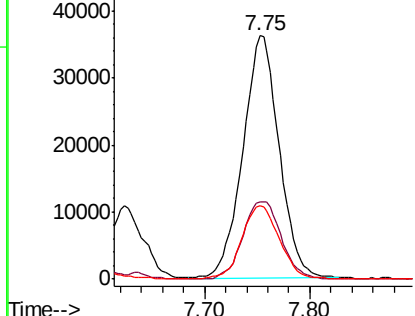
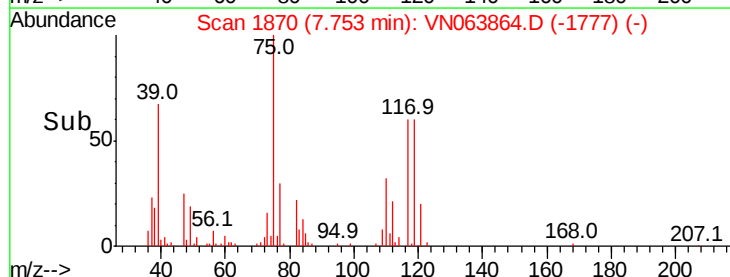


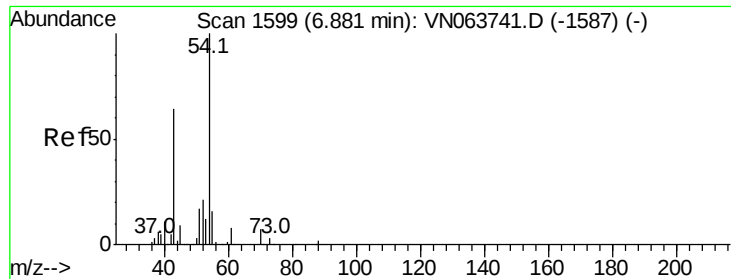
#36
1,1-Dichloropropene
Concen: 18.698 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 75 Resp: 86740
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 31.5 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

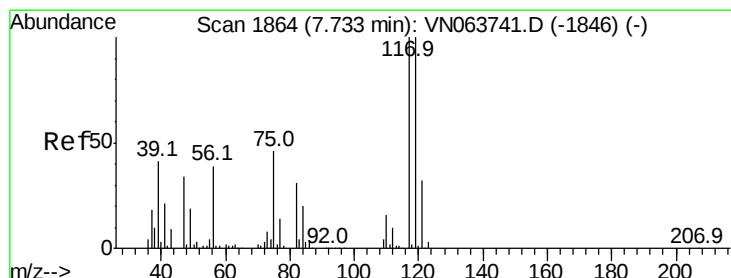
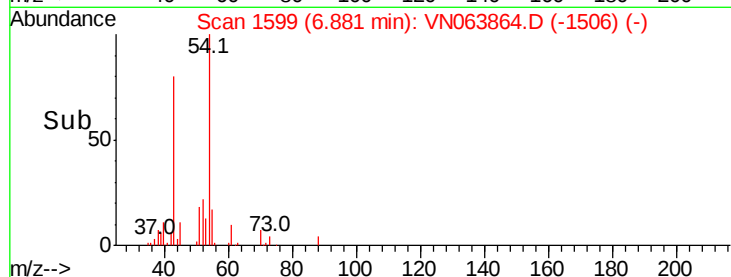
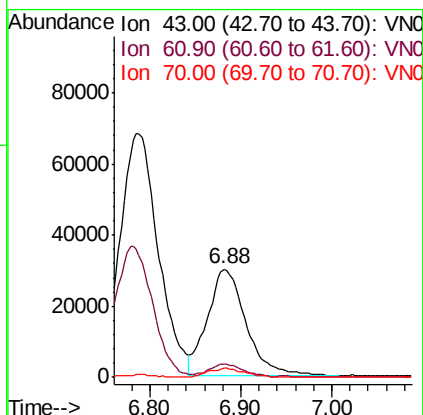
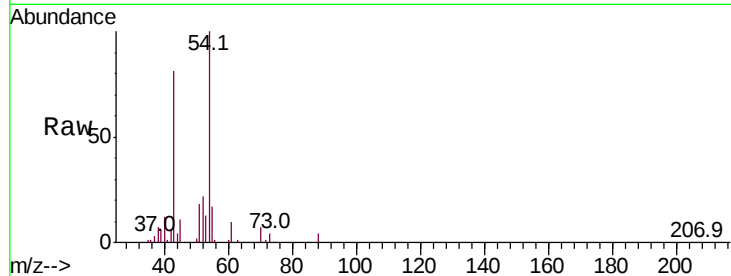




#37
Ethyl Acetate
Concen: 19.391 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

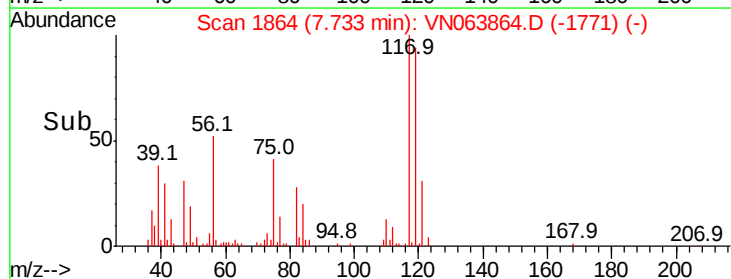
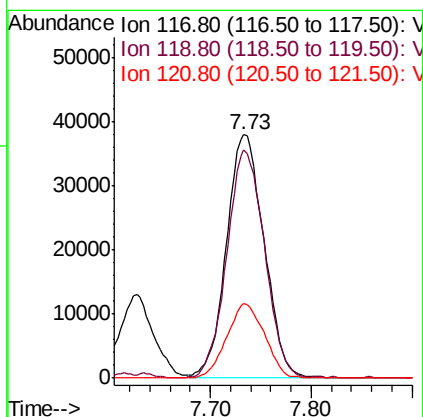
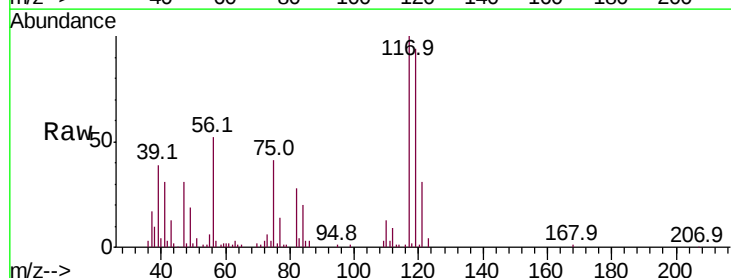
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

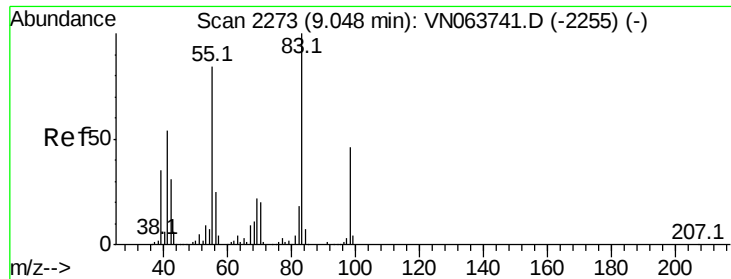
Tot Ion: 43 Resp: 89374
Ion Ratio Lower Upper
43 100
61 10.1 10.4 15.6#
70 8.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 19.028 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 117 Resp: 98983
Ion Ratio Lower Upper
117 100
119 93.2 80.1 120.1
121 30.7 25.7 38.5

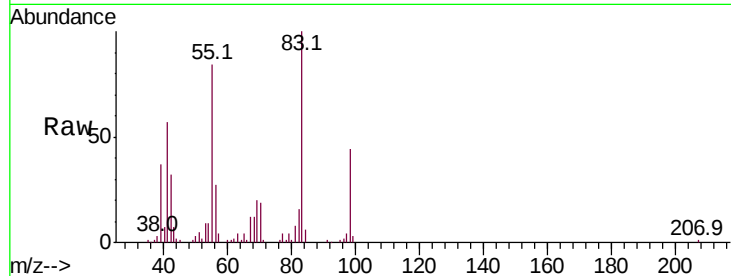




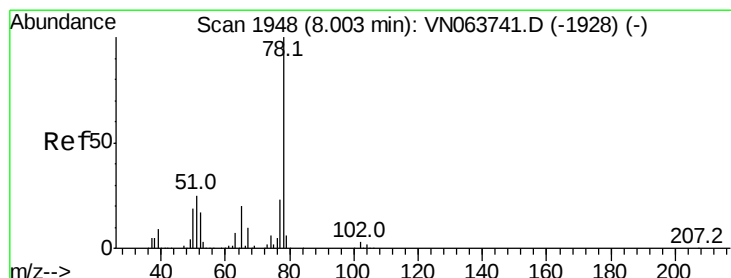
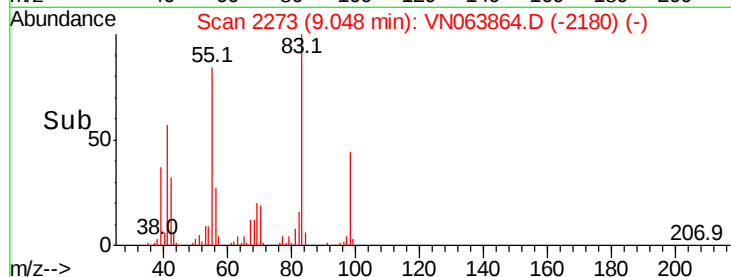
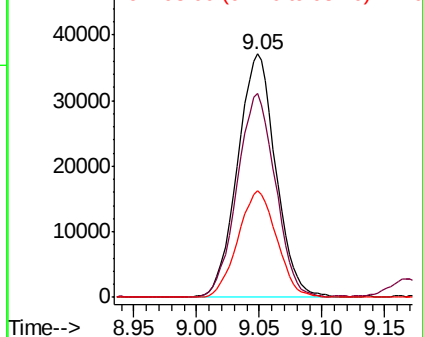
#39
Methvlcvclohexane
Concen: 16.982 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

Tot Ion: 83 Resp: 78562
Ion Ratio Lower Upper
83 100
55 83.6 67.1 100.7
98 43.7 36.6 54.8

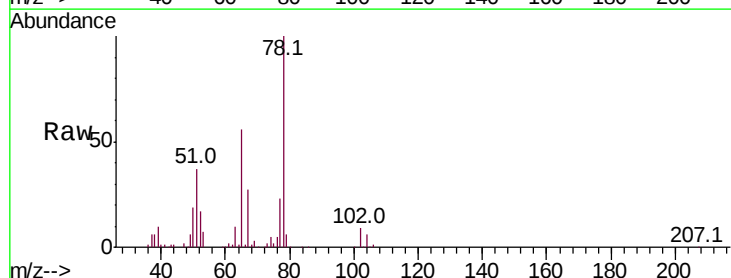


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

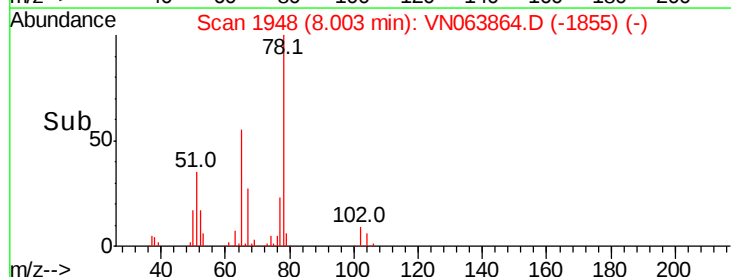
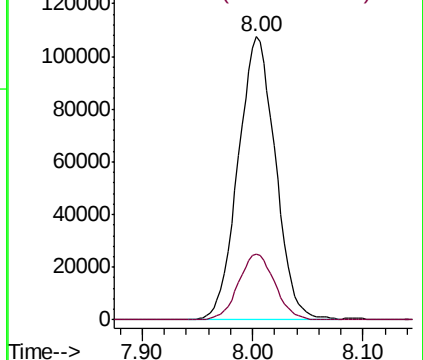


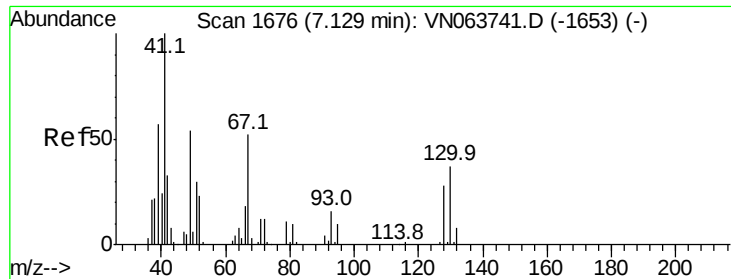
#40
Benzene
Concen: 18.983 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 78 Resp: 251525
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

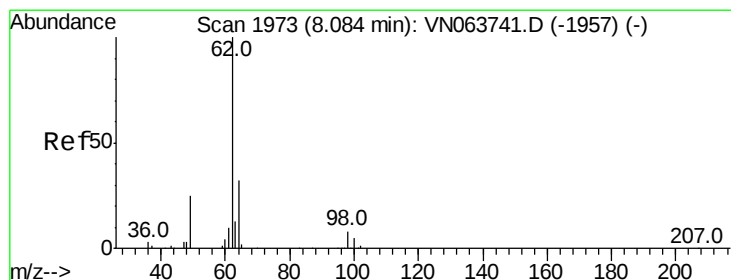
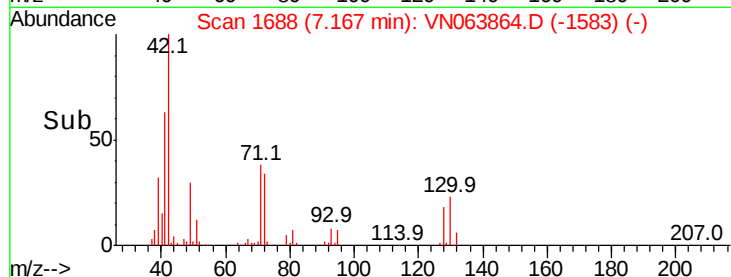
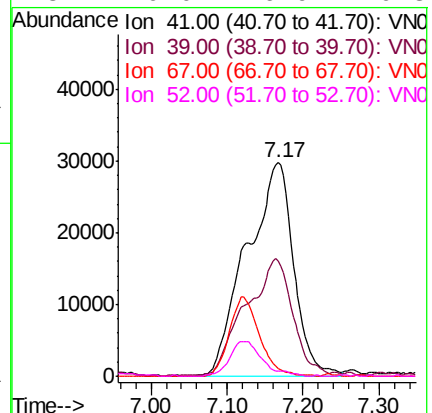
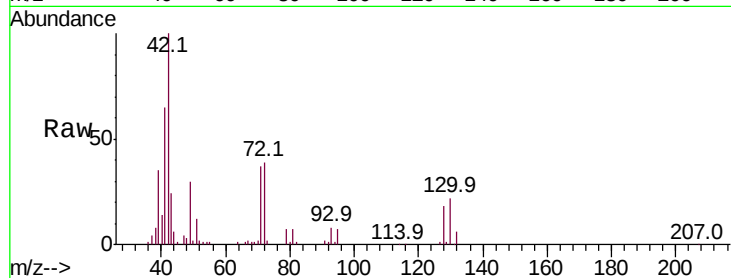




#41
Methacrylonitrile
Concen: 62.250 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

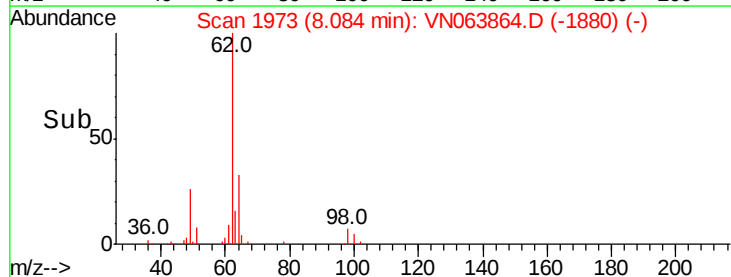
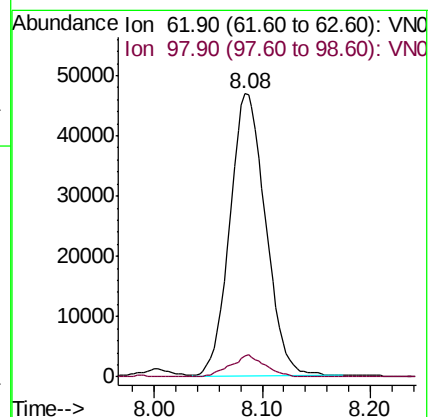
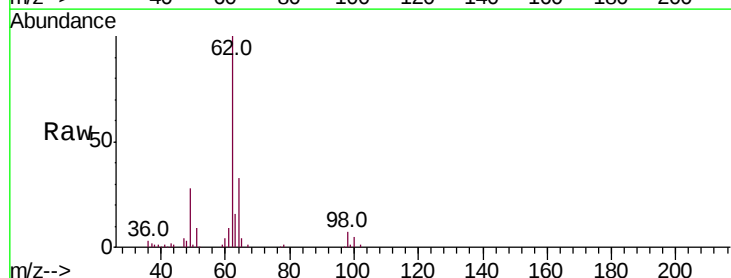
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

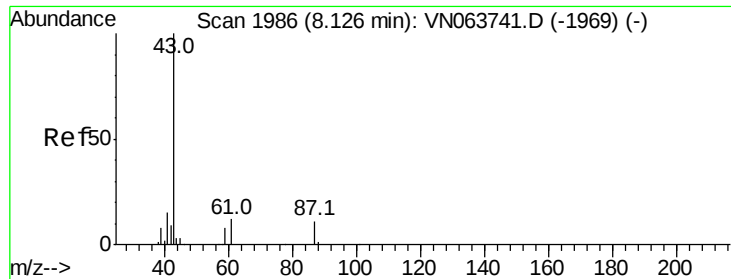
Tot Ion: 41 Resp: 127514
Ion Ratio Lower Upper
41 100
39 53.5 42.5 63.7
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 19.164 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 62 Resp: 108395
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.0





#43

Isopropyl Acetate

Concen: 19.267 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

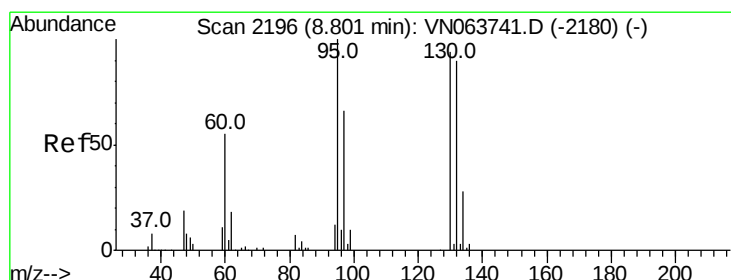
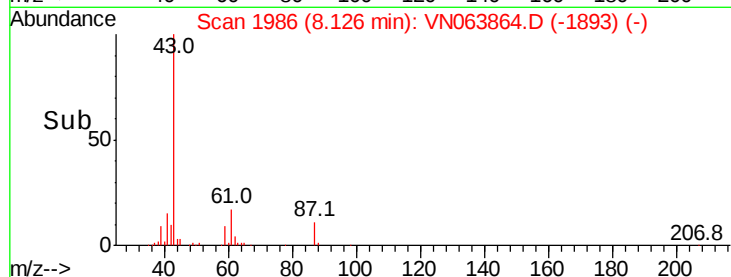
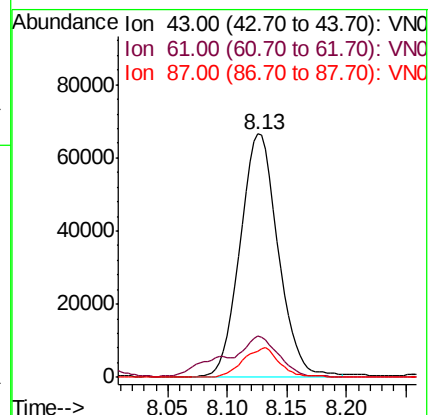
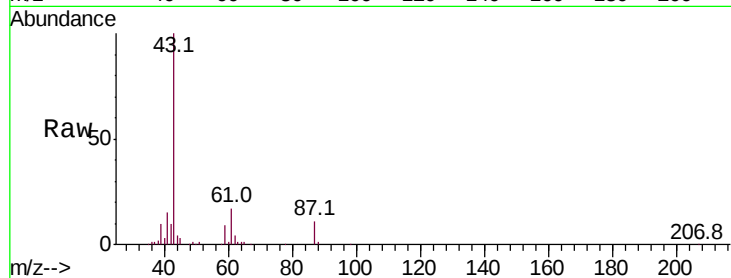
Tot Ion: 43 Resp: 146476

Ion Ratio Lower Upper

43 100

61 15.9 14.2 21.4

87 11.7 9.0 13.6



#44

Trichloroethene

Concen: 18.636 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063864.D

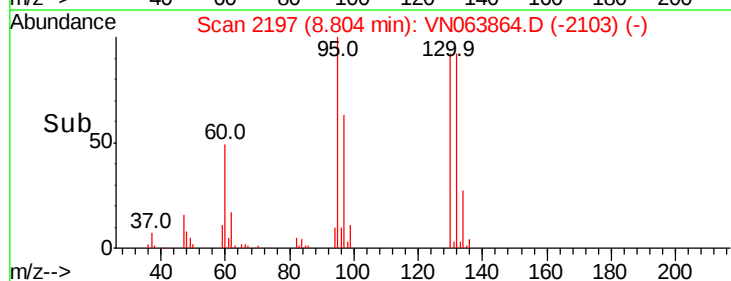
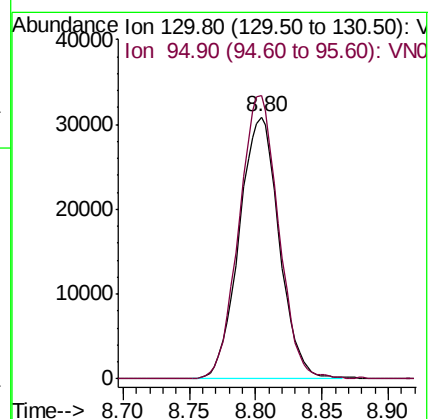
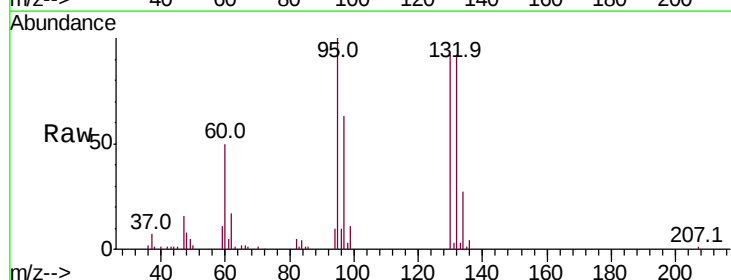
Acq: 5 Oct 2020 12:30

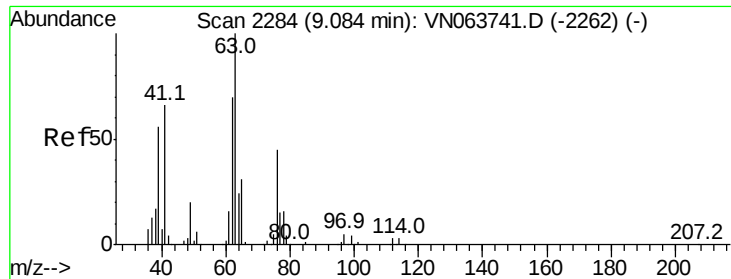
Tgt Ion:130 Resp: 64700

Ion Ratio Lower Upper

130 100

95 108.2 0.0 213.6





#45

1,2-Dichloropropane

Concen: 19.100 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

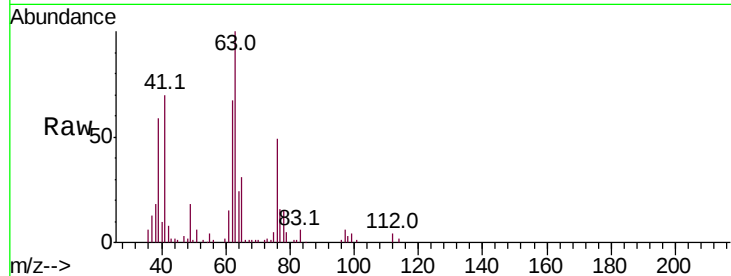
VN1005WBS01

Tot Ion: 63 Resp: 68349

Ion Ratio Lower Upper

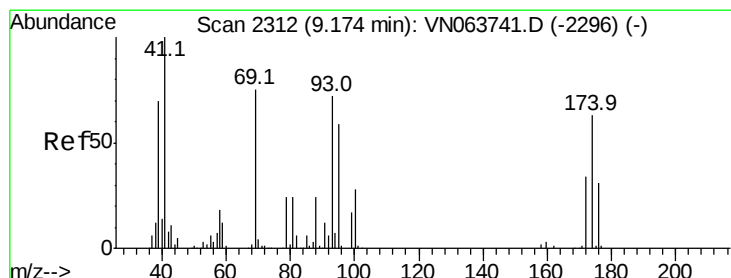
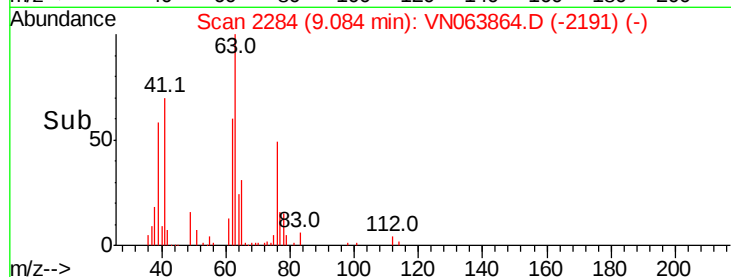
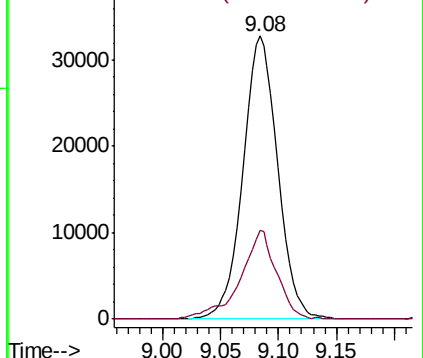
63 100

65 31.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 18.830 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

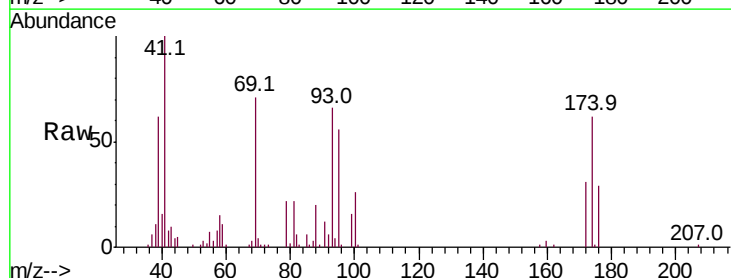
Tgt Ion: 93 Resp: 46484

Ion Ratio Lower Upper

93 100

95 82.8 66.3 99.5

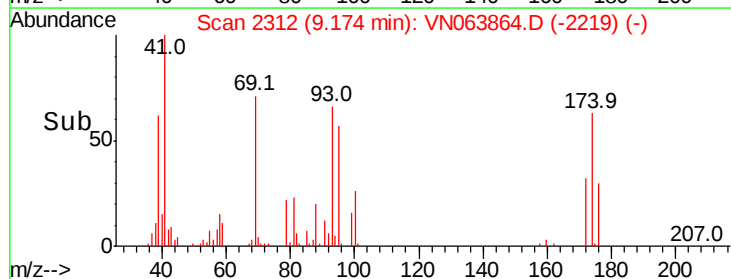
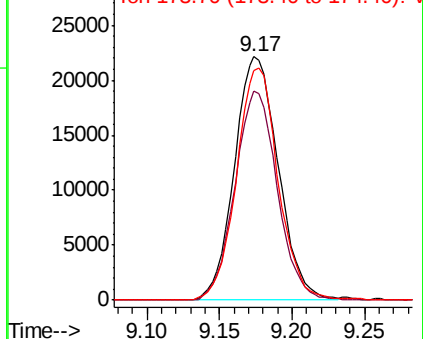
174 90.9 72.7 109.1

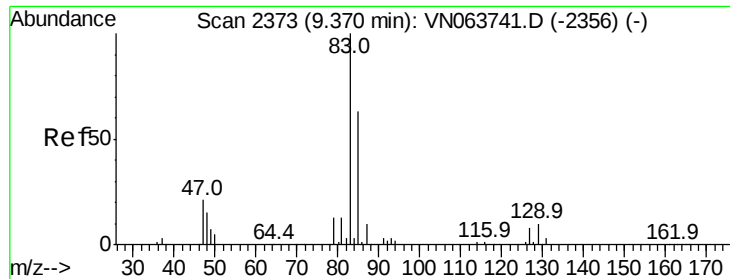


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 18.986 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

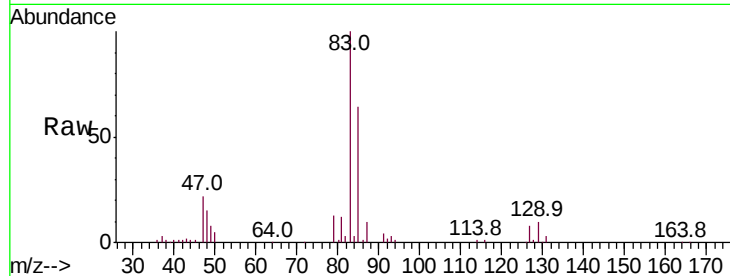
Tot Ion: 83 Resp: 96595

Ion Ratio Lower Upper

83 100

85 64.3 50.6 75.8

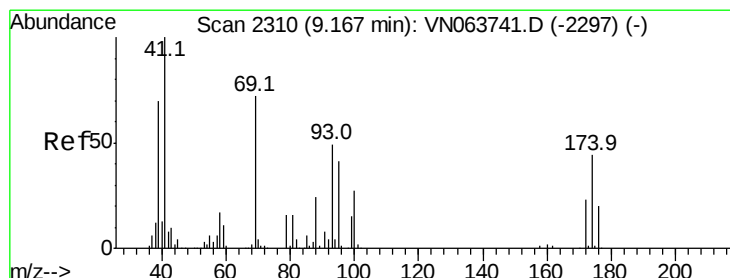
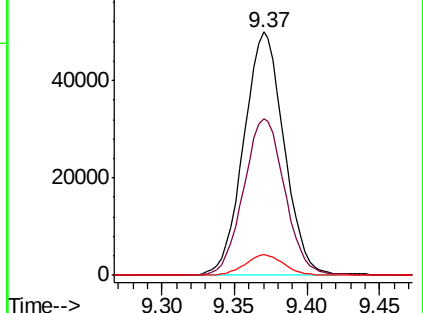
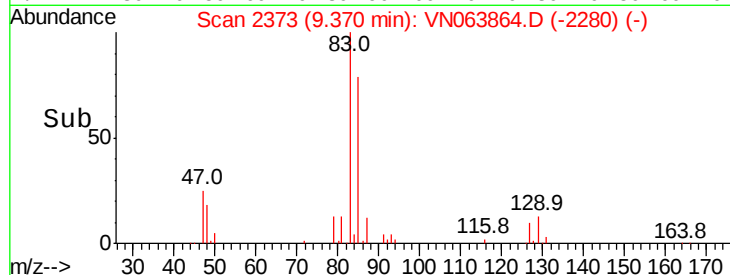
127 8.4 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063864.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063864.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063864.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.339 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

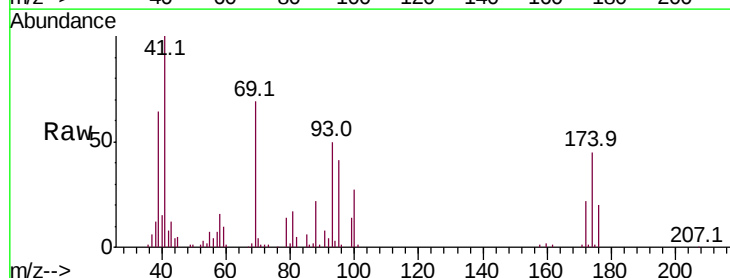
Tgt Ion: 41 Resp: 72639

Ion Ratio Lower Upper

41 100

69 71.8 60.9 91.3

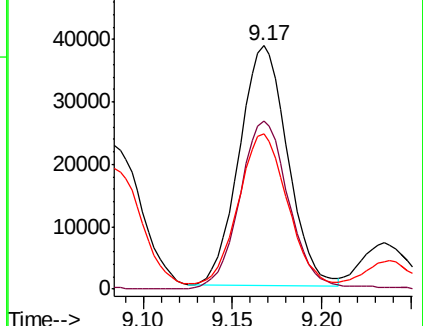
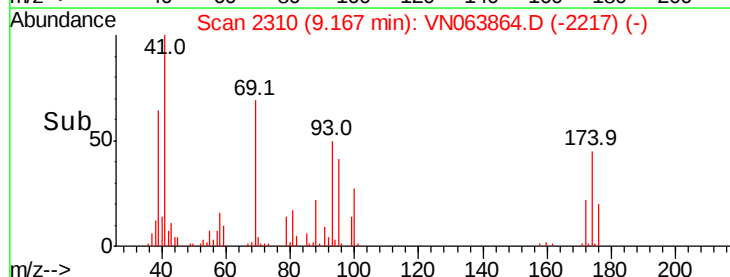
39 66.7 57.5 86.3

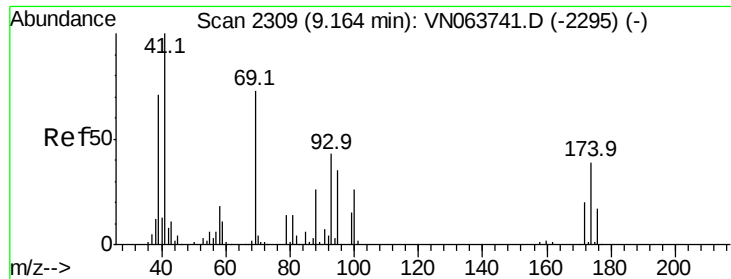


Abundance Ion 41.00 (40.70 to 41.70): VN063864.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063864.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063864.D (-2217) (-)

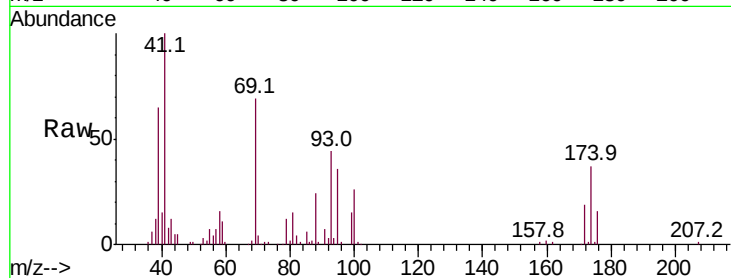




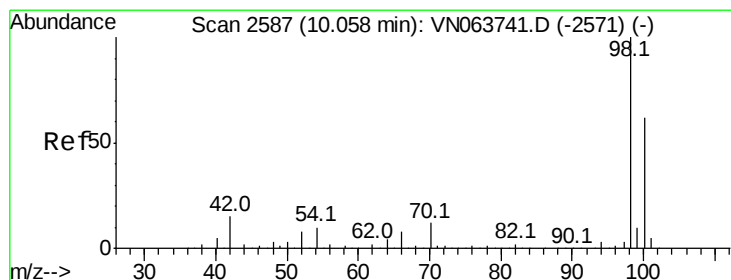
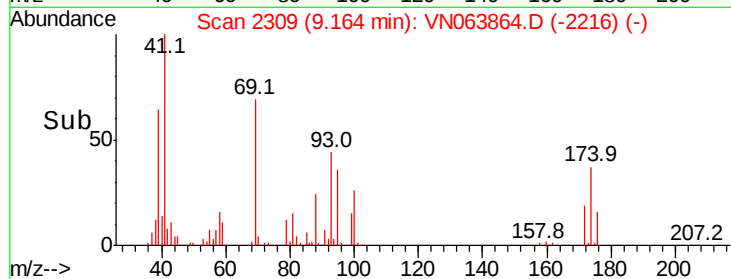
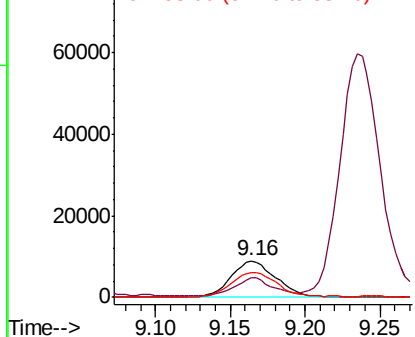
#49
1,4-Dioxane
Concen: 349.898 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

Tot Ion: 88 Resp: 18678
Ion Ratio Lower Upper
88 100
43 42.2 33.1 49.7
58 70.8 58.9 88.3

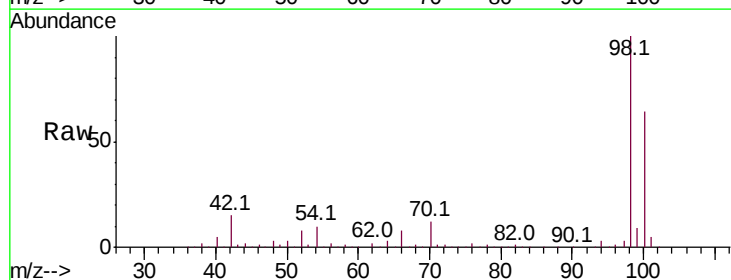


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

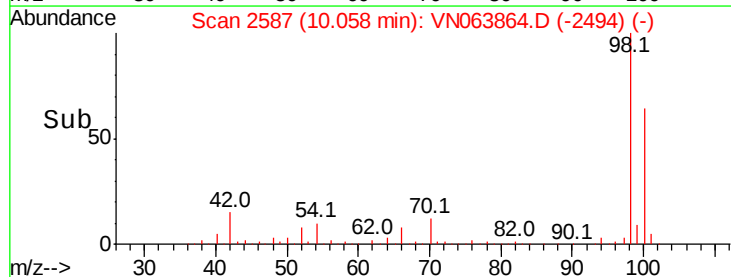
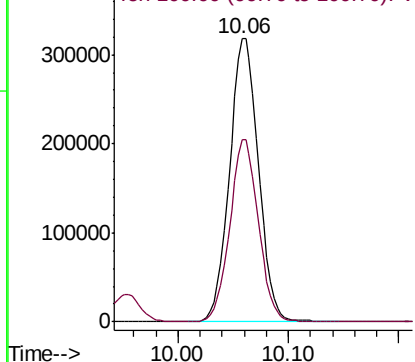


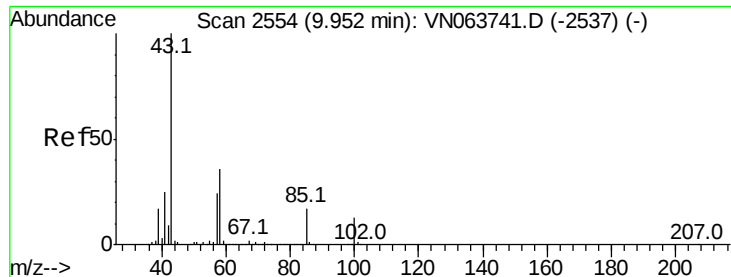
#50
Toluene-d8
Concen: 48.015 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 98 Resp: 578341
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.133 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

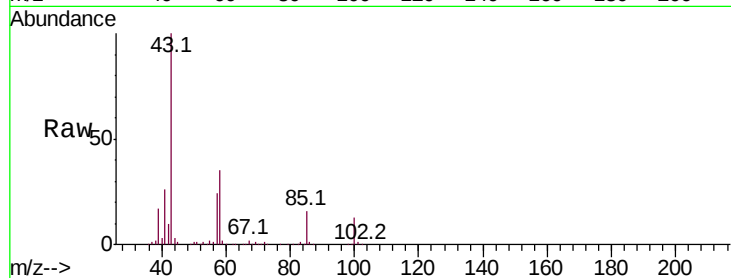
VN1005WBS01

Tot Ion: 43 Resp: 437810

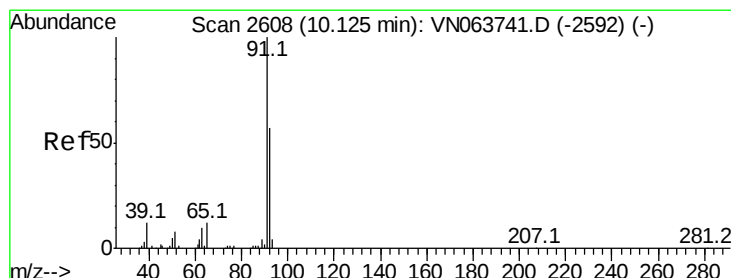
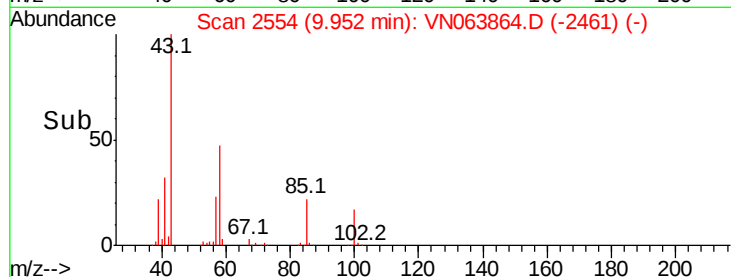
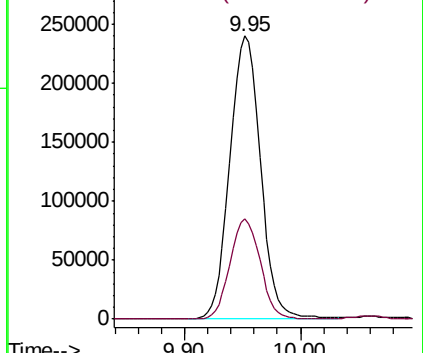
Ion Ratio Lower Upper

43 100

58 35.0 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 19.238 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063864.D

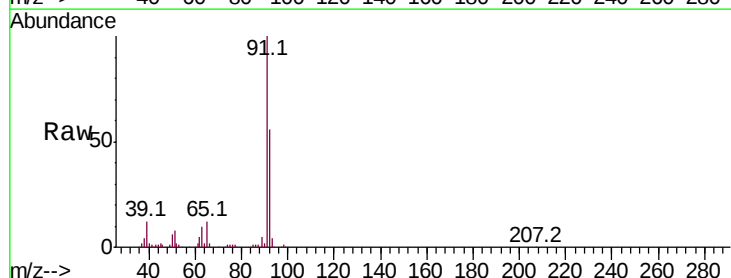
Acq: 5 Oct 2020 12:30

Tgt Ion: 92 Resp: 157672

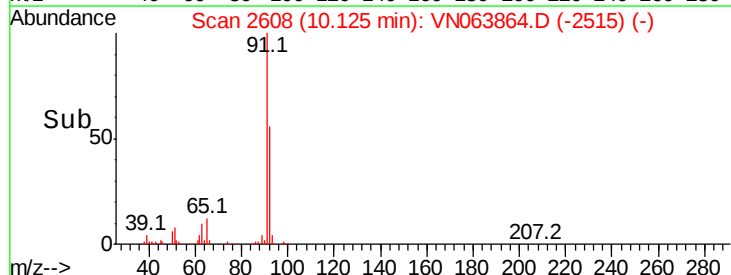
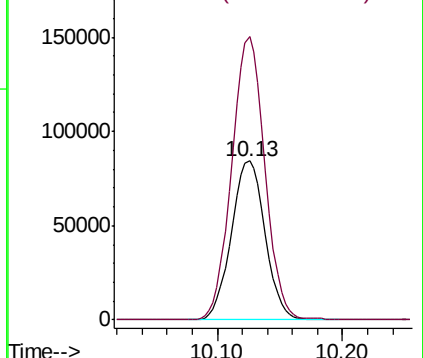
Ion Ratio Lower Upper

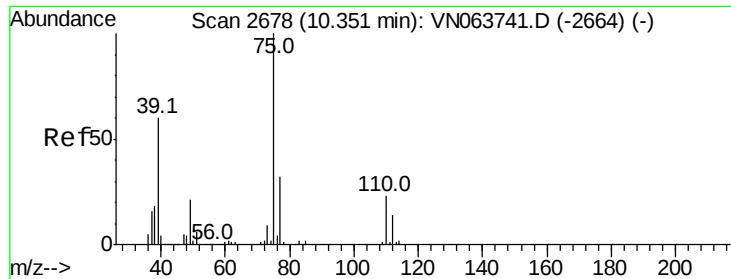
92 100

91 174.9 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 18.933 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

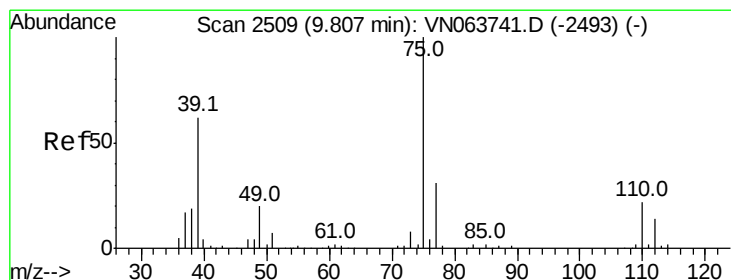
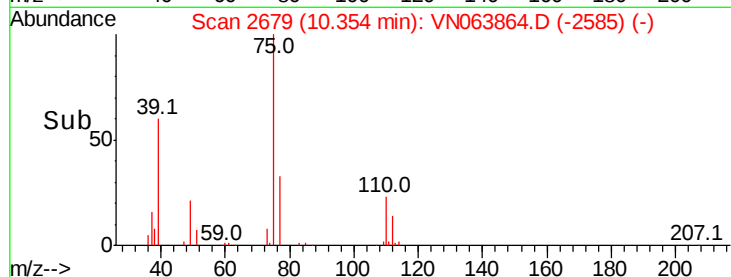
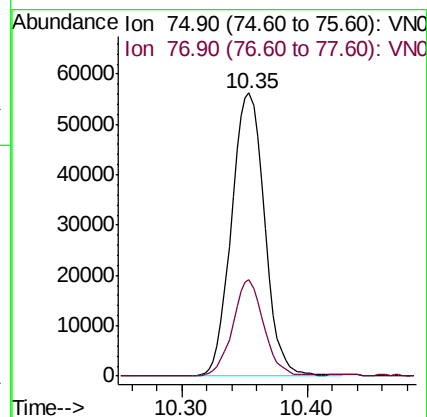
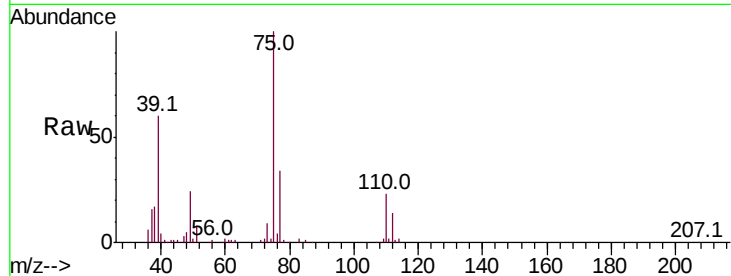
VN1005WBS01

Tot Ion: 75 Resp: 103254

Ion Ratio Lower Upper

75 100

77 33.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.806 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

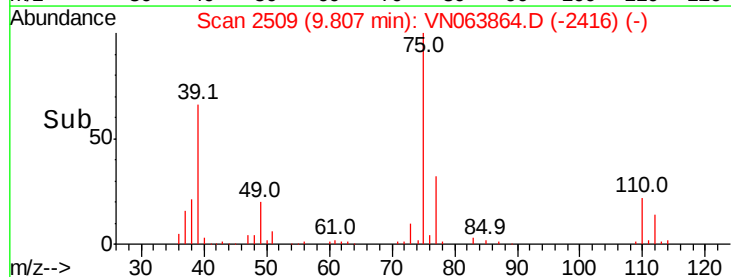
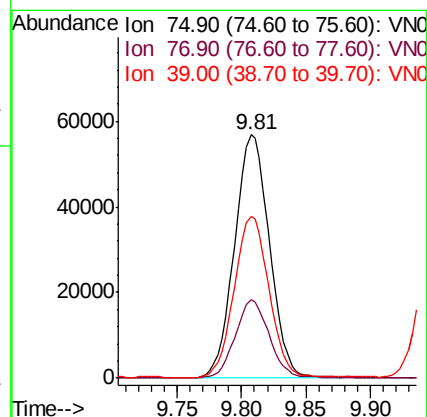
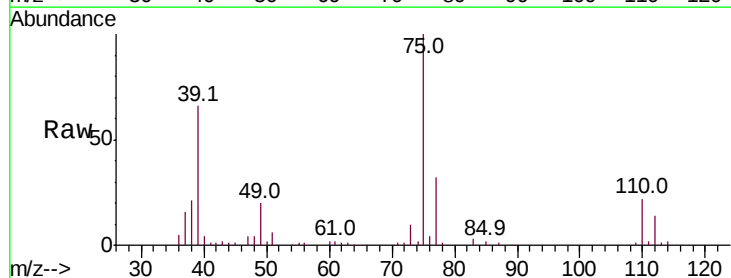
Tgt Ion: 75 Resp: 107261

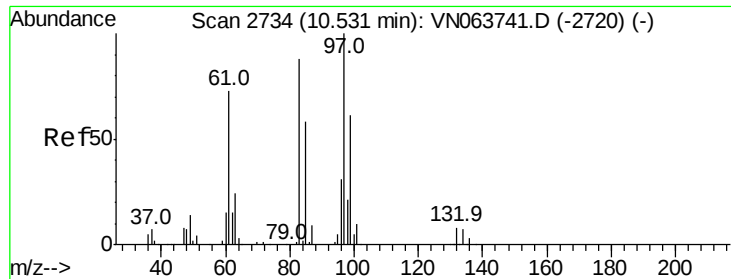
Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 66.0 49.7 74.5

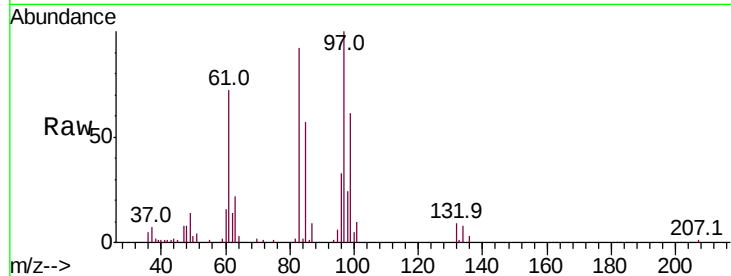




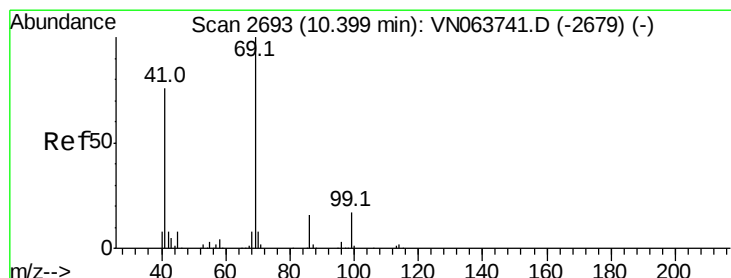
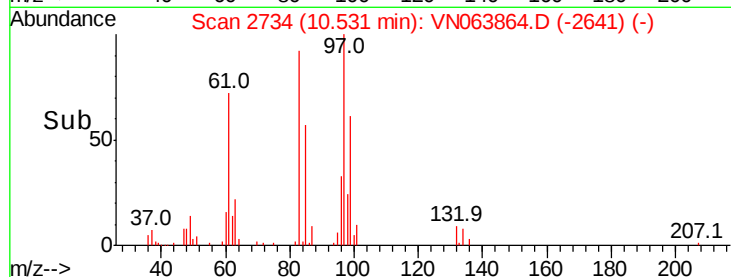
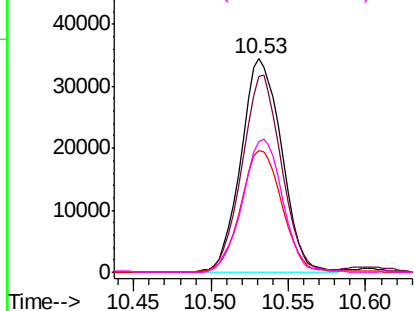
#55
 1,1,2-Trichloroethane
 Concen: 19.201 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

Tot Ion: 97 Resp: 63109
 Ion Ratio Lower Upper
 97 100
 83 91.6 70.7 106.1
 85 57.2 46.1 69.1
 99 61.2 48.8 73.2

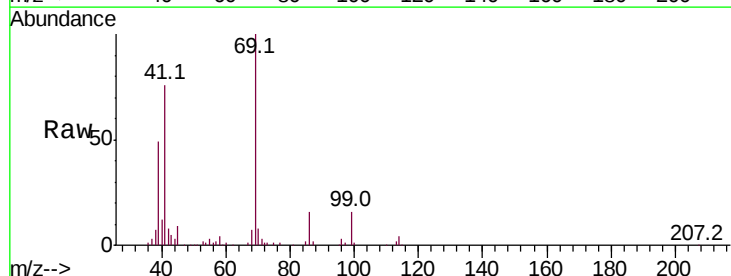


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

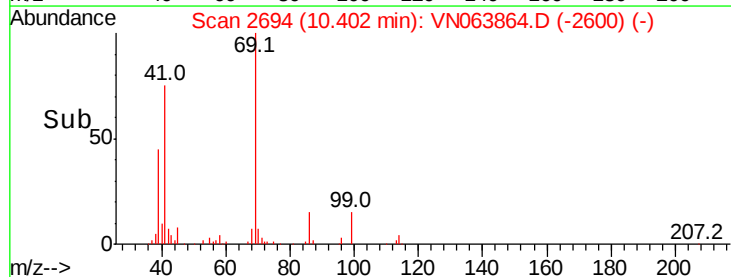
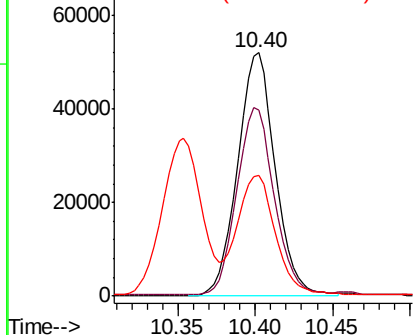


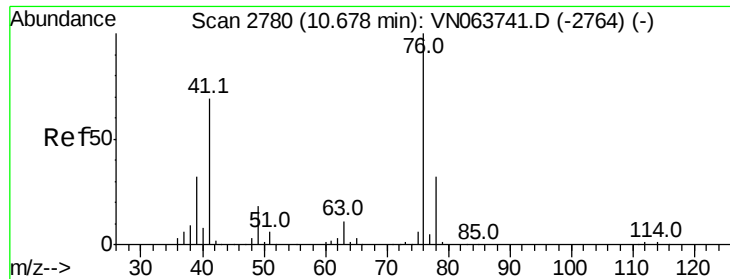
#56
 Ethyl methacrylate
 Concen: 18.915 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 69 Resp: 88122
 Ion Ratio Lower Upper
 69 100
 41 75.6 61.1 91.7
 39 50.4 42.2 63.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

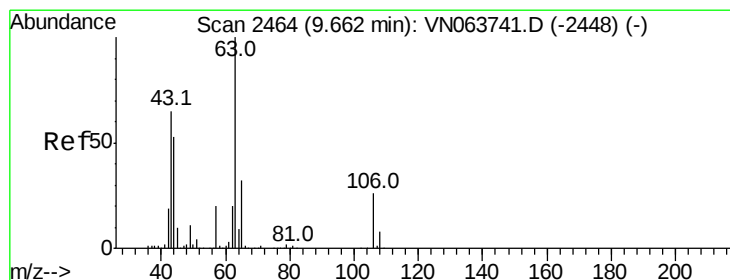
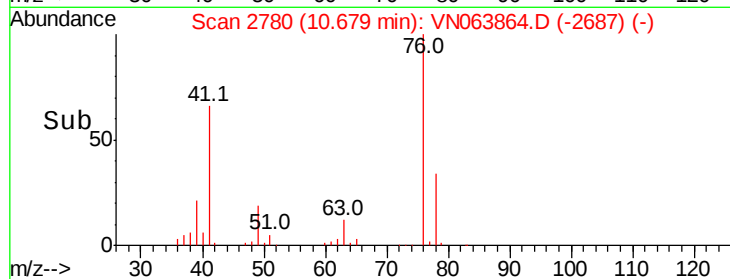
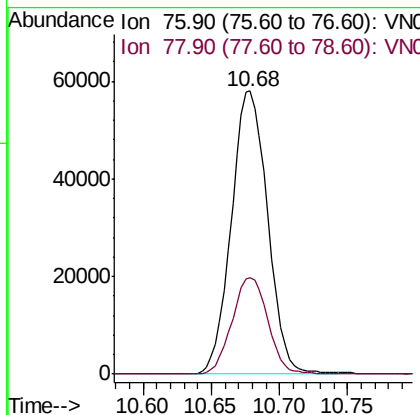
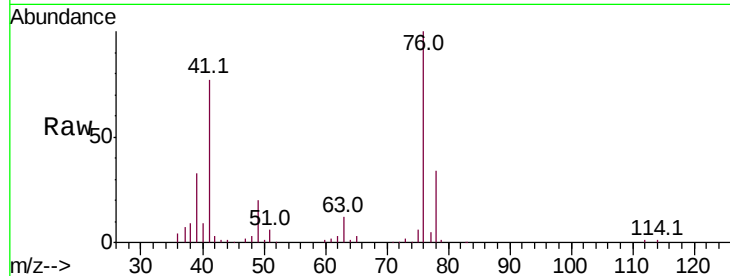




#57
 1,3-Dichloropropane
 Concen: 19.286 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

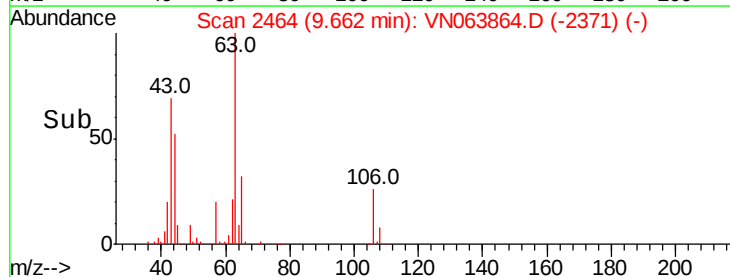
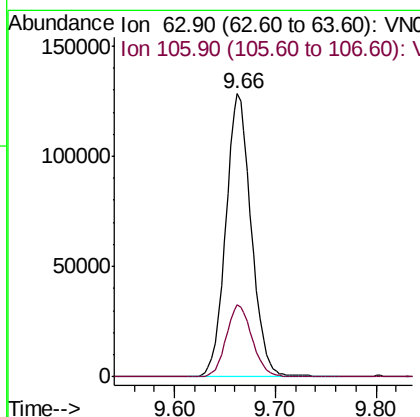
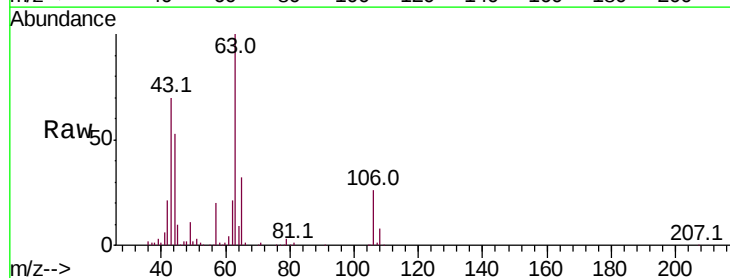
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

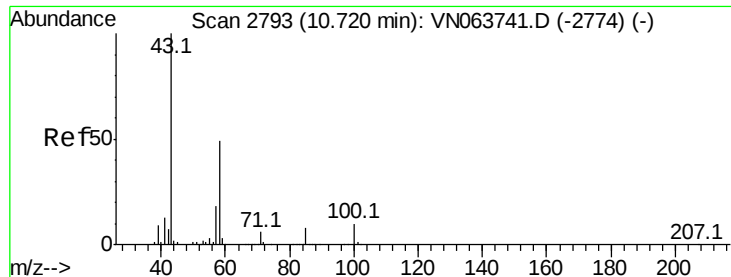
Tot Ion: 76 Resp: 107244
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.682 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 63 Resp: 225989
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1

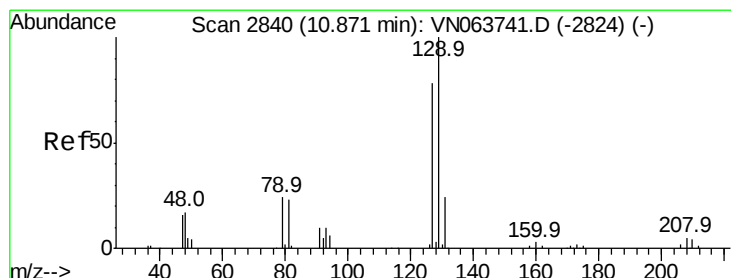
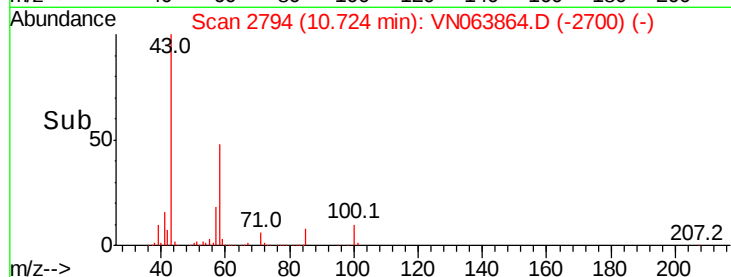
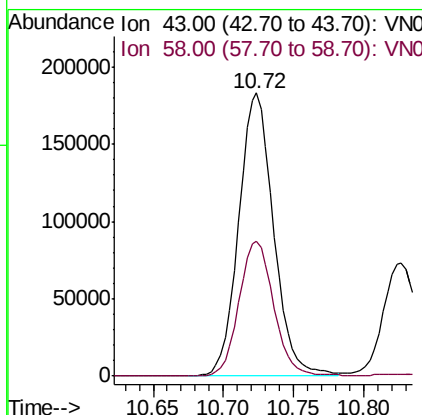
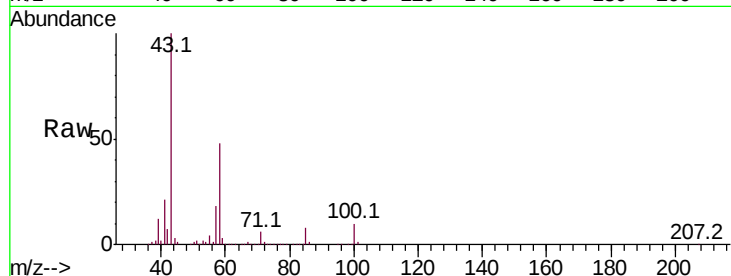




#59
2-Hexanone
Concen: 95.095 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

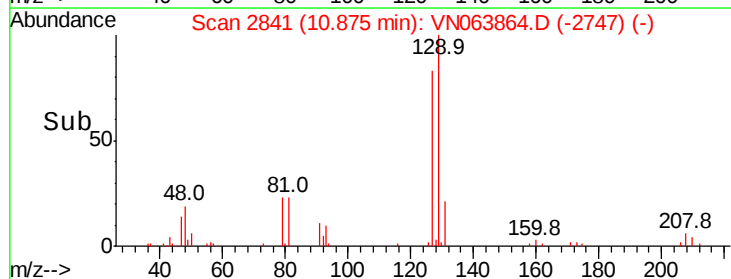
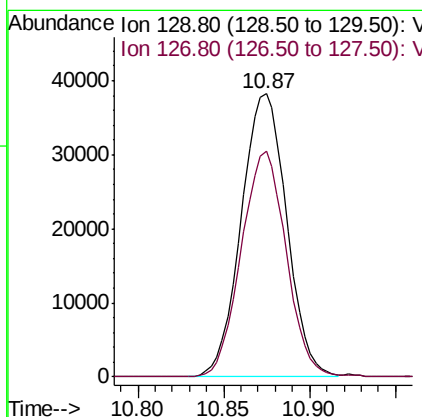
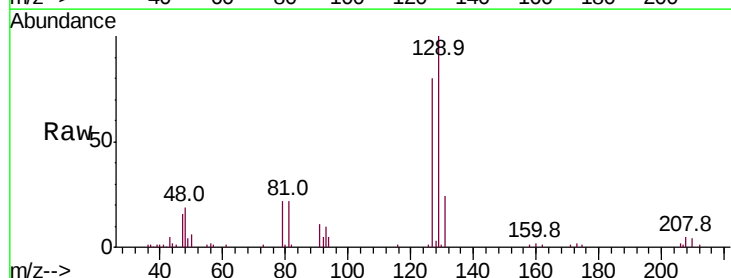
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

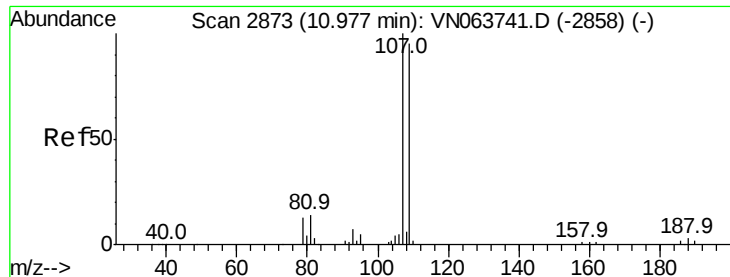
Tot Ion: 43 Resp: 315163
Ion Ratio Lower Upper
43 100
58 47.9 24.6 73.8



#60
Dibromochloromethane
Concen: 18.341 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 129 Resp: 70205
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.998 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

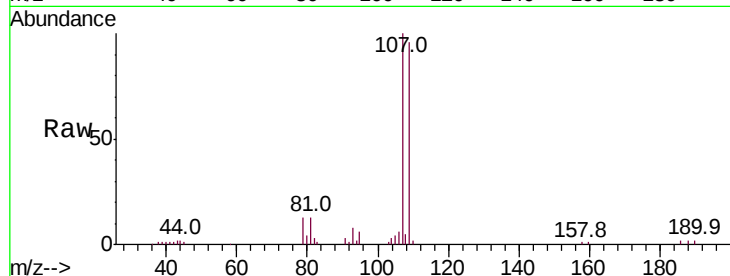
VN1005WBS01

Tot Ion:107 Resp: 63874

Ion Ratio Lower Upper

107 100

109 96.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

40000

30000

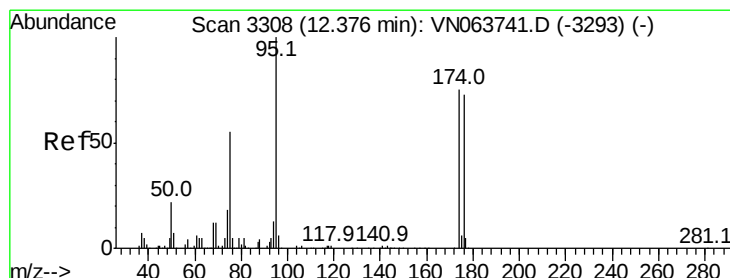
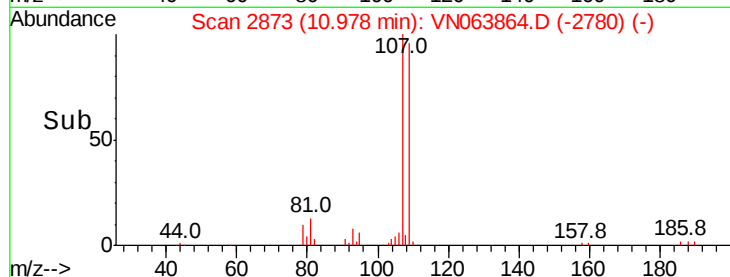
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 47.516 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

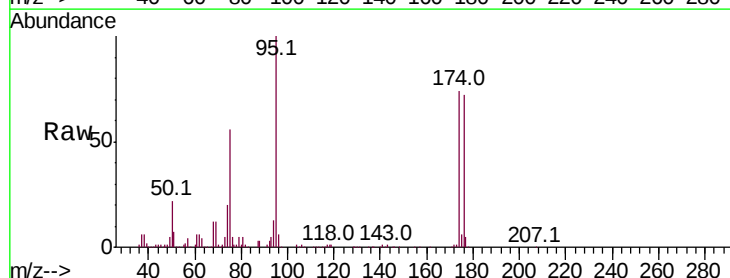
Tgt Ion: 95 Resp: 215144

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.6

176 71.1 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

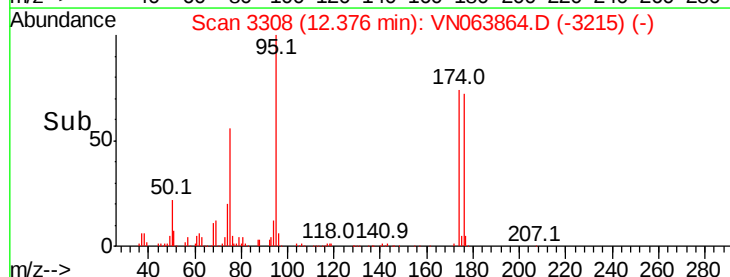
100000

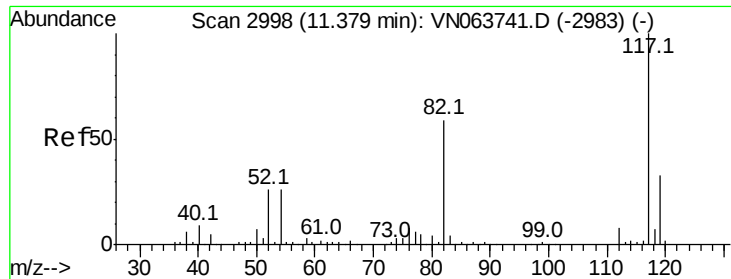
50000

0

Time-->

12.30 12.40

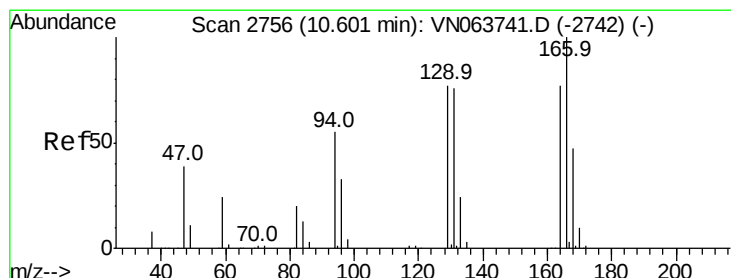
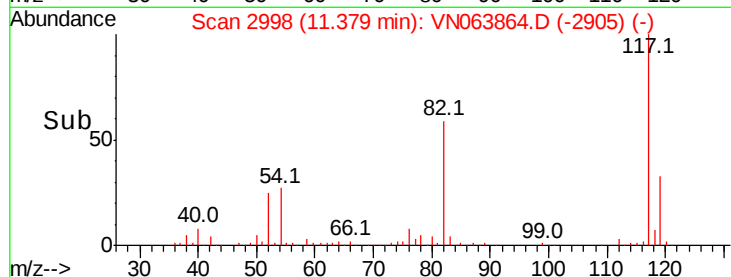
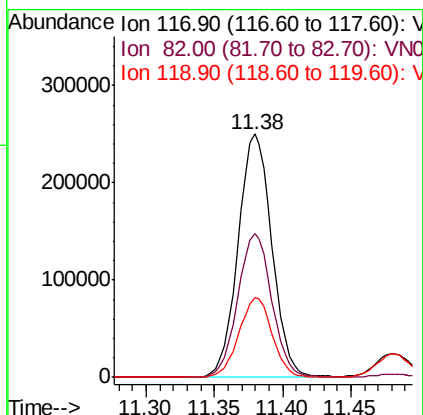
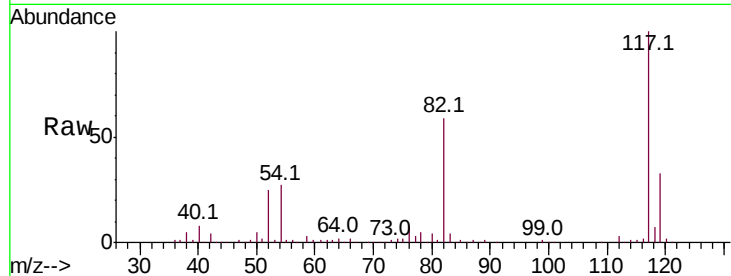




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

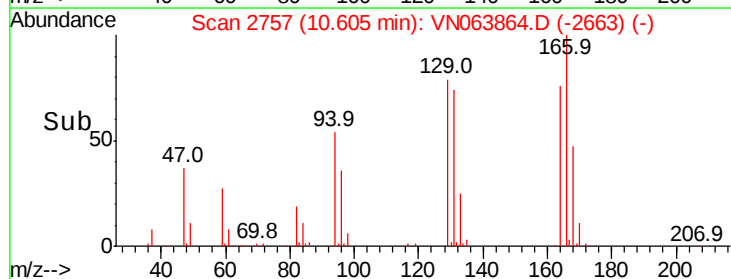
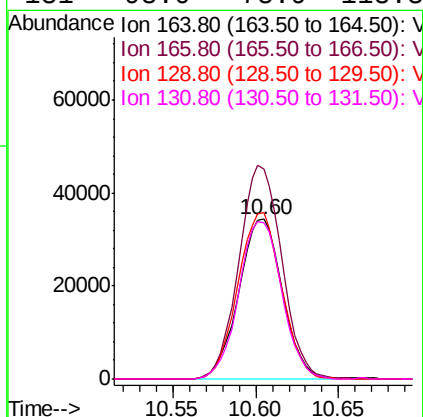
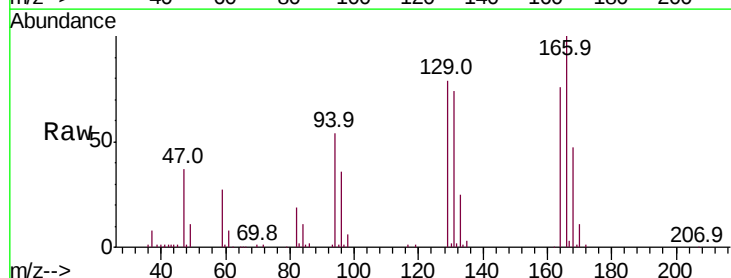
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

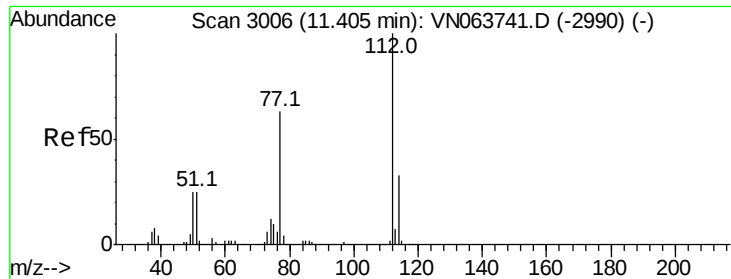
Tot Ion:117 Resp: 431137
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.5 26.4 39.6



#64
Tetrachloroethene
Concen: 18.859 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion:164 Resp: 62906
Ion Ratio Lower Upper
164 100
166 131.8 103.9 155.9
129 104.3 80.3 120.5
131 98.0 78.9 118.3





#65

Chlorobenzene

Concen: 18.584 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

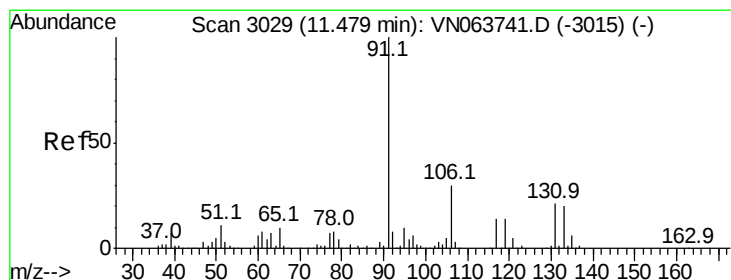
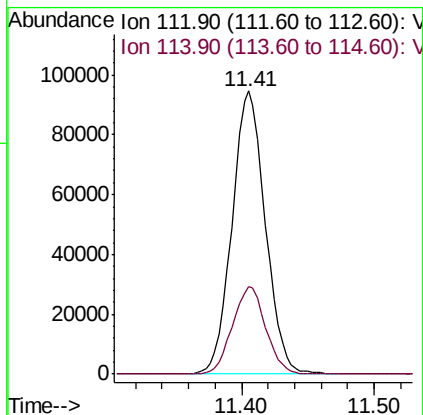
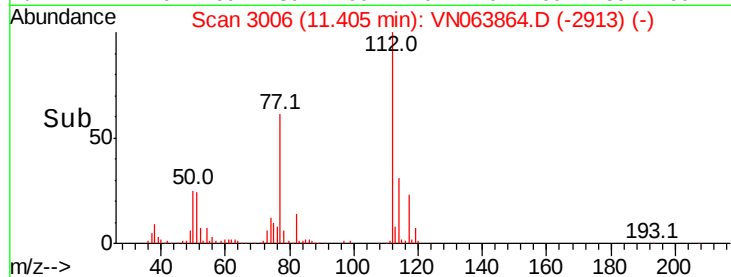
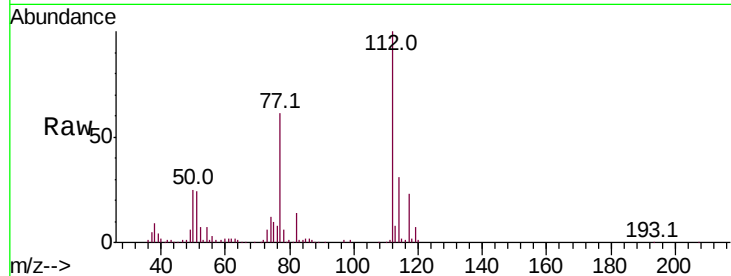
VN1005WBS01

Tot Ion:112 Resp: 164354

Ion Ratio Lower Upper

112 100

114 30.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.400 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

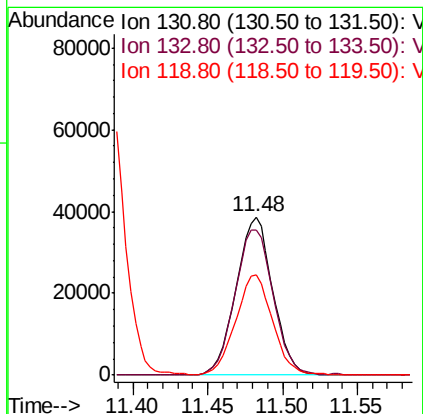
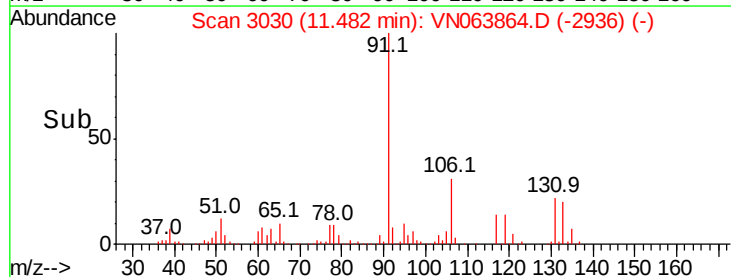
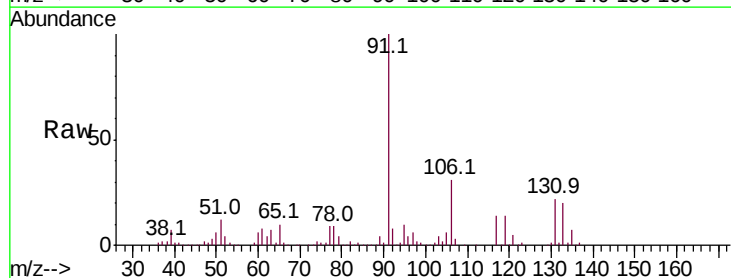
Tgt Ion:131 Resp: 65775

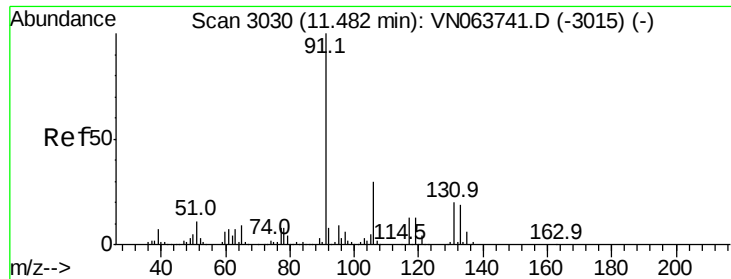
Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.8

119 63.9 32.6 97.7

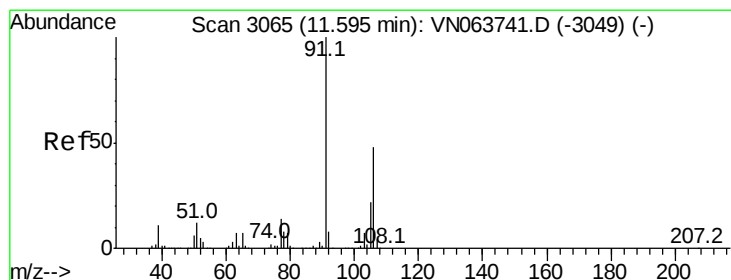
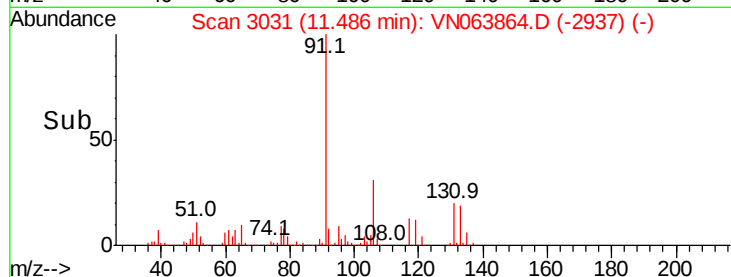
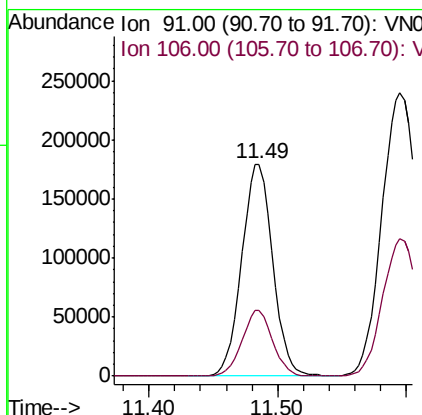
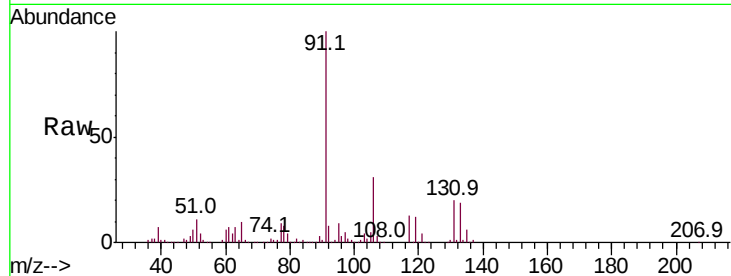




#67
Ethyl Benzene
Concen: 18.671 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

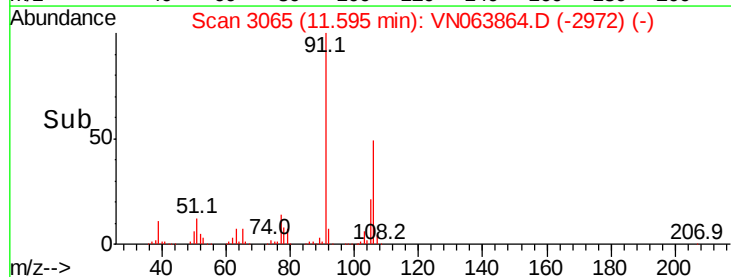
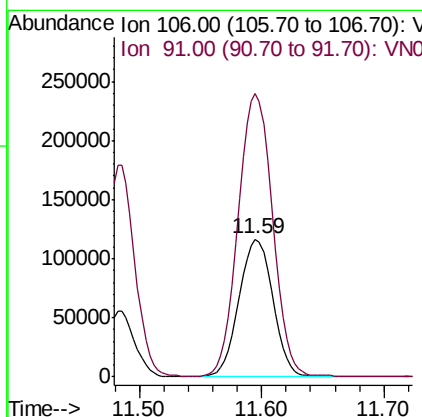
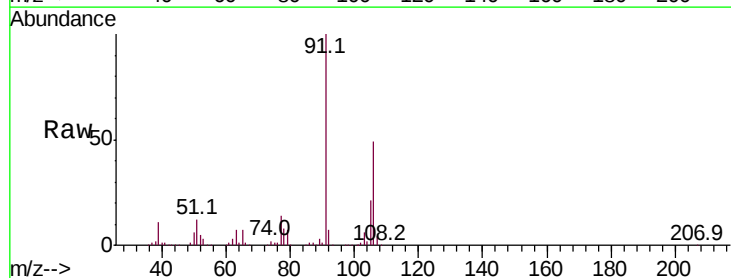
Instrument :
MSVOA_N
ClientSampled :
VN1005WBS01

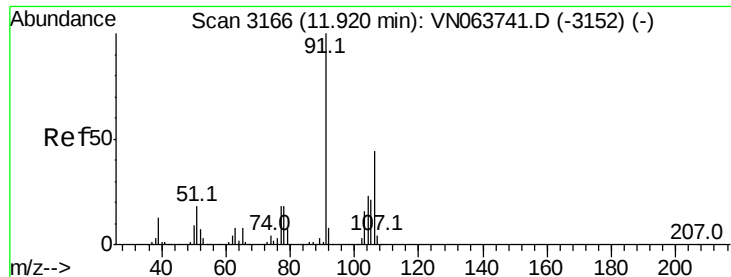
Tot Ion: 91 Resp: 300463
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2



#68
m/p-Xylenes
Concen: 37.222 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 106 Resp: 223247
Ion Ratio Lower Upper
106 100
91 209.3 168.0 252.0

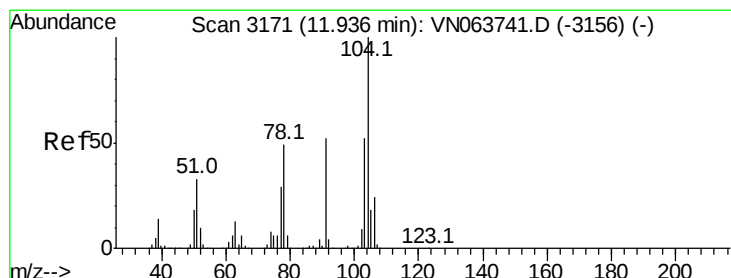
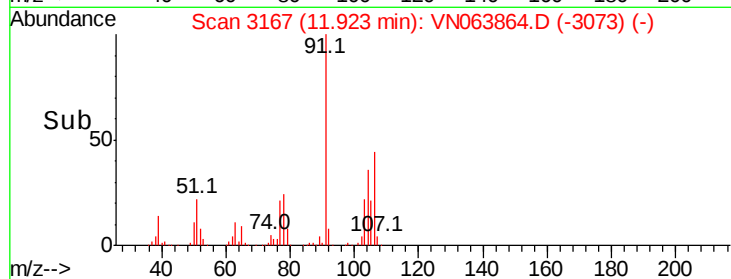
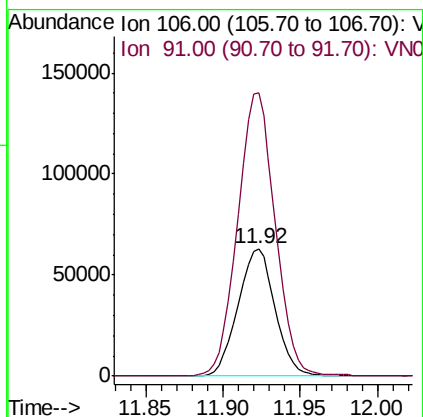
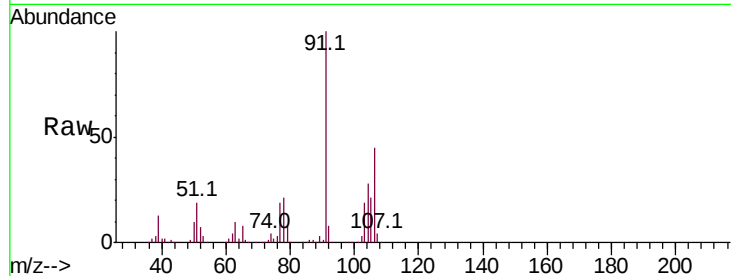




#69
o-Xylene
Concen: 18.704 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

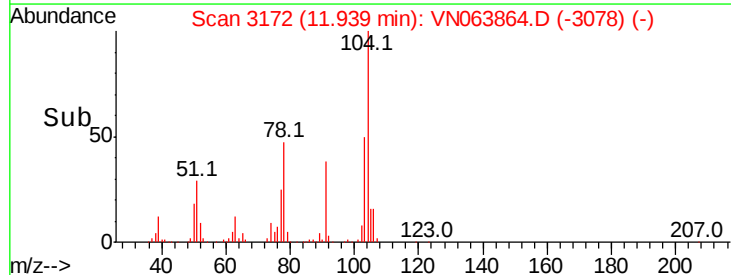
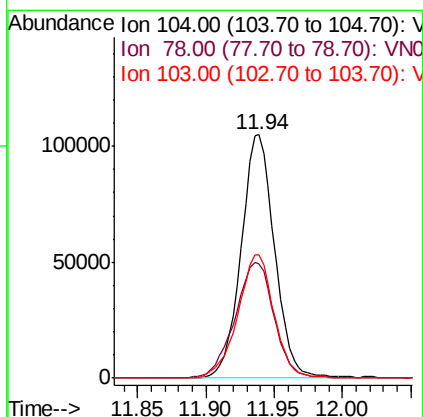
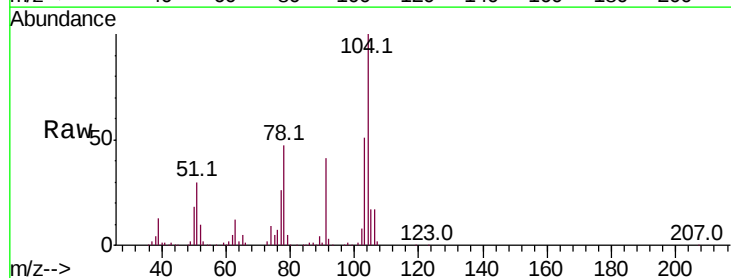
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

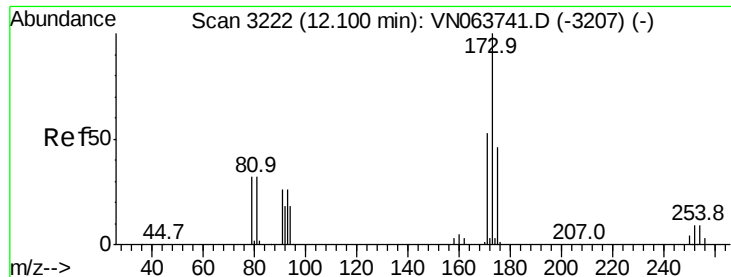
Tot Ion:106 Resp: 104852
Ion Ratio Lower Upper
106 100
91 225.2 112.7 338.0



#70
Styrene
Concen: 18.745 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion:104 Resp: 178376
Ion Ratio Lower Upper
104 100
78 55.6 44.1 66.1
103 55.1 44.3 66.5





#71

Bromoform

Concen: 18.083 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

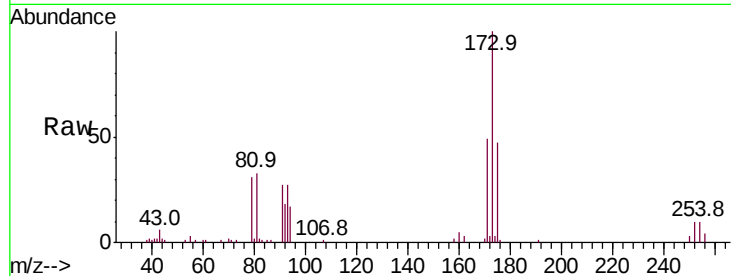
Tot Ion:173 Resp: 46892

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.5

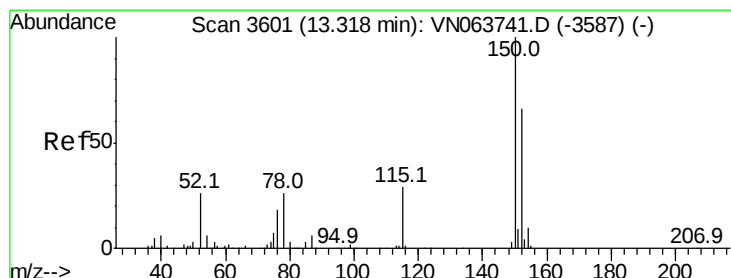
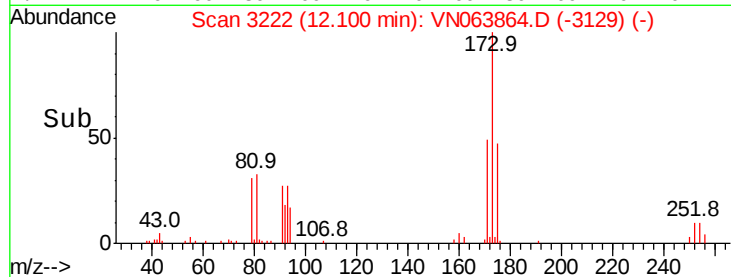
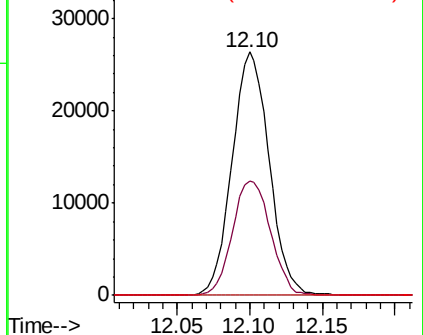
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

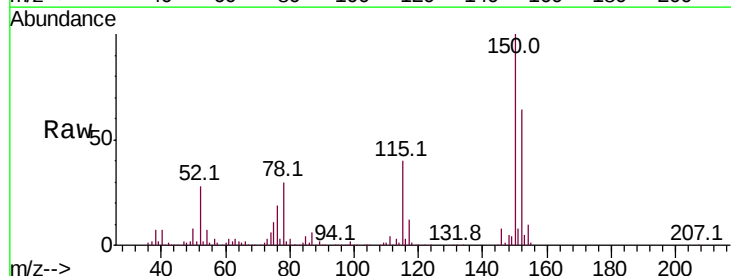
Tgt Ion:152 Resp: 202019

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

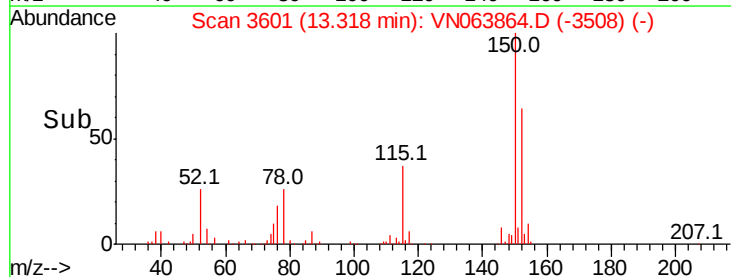
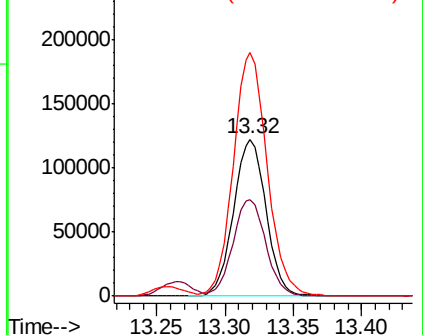
150 160.9 0.0 341.8

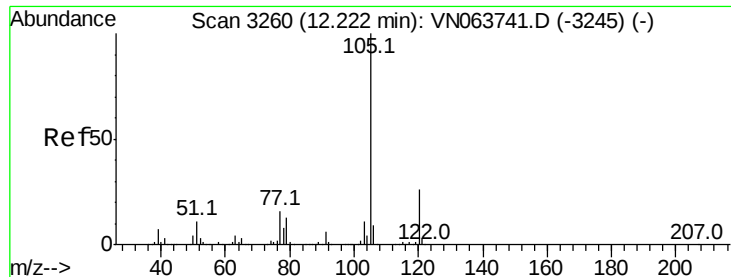


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.936 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

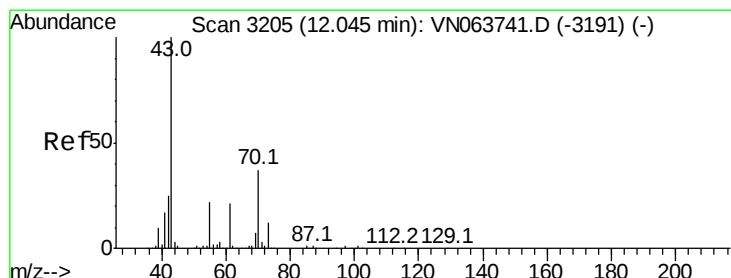
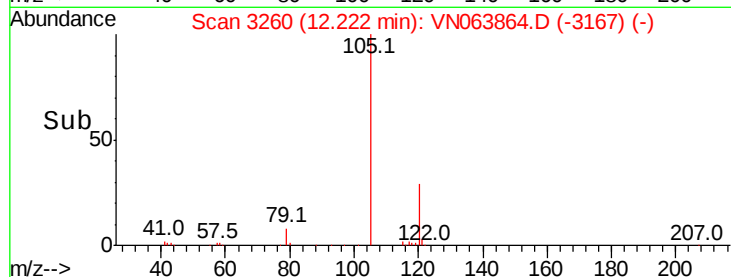
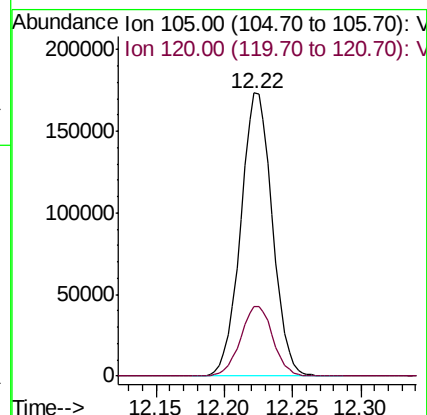
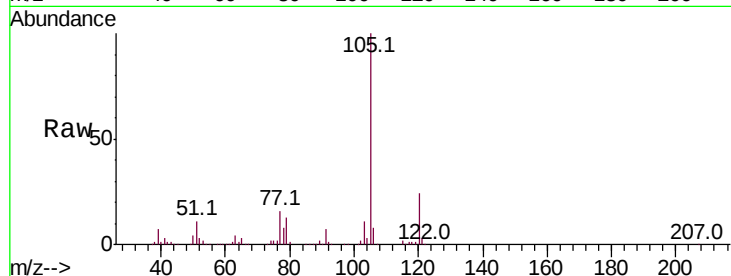
VN1005WBS01

Tot Ion:105 Resp: 279023

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 19.241 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Tgt Ion: 43 Resp: 122004

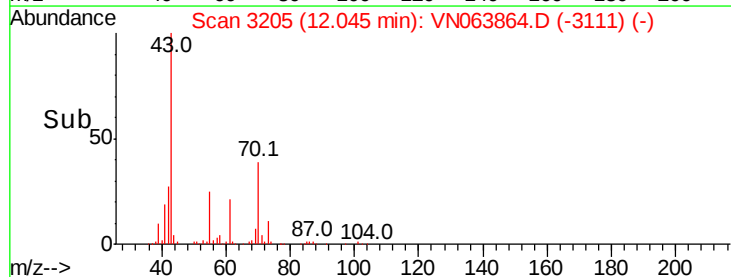
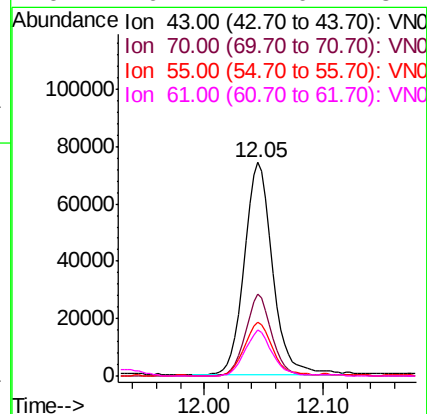
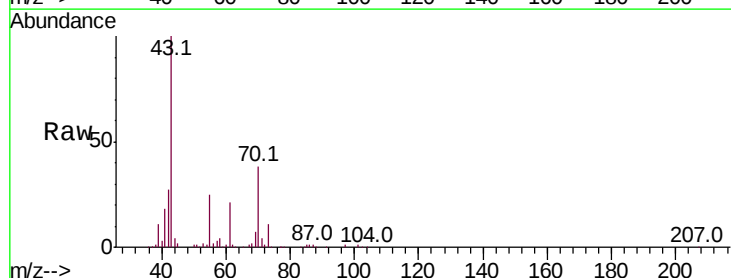
Ion Ratio Lower Upper

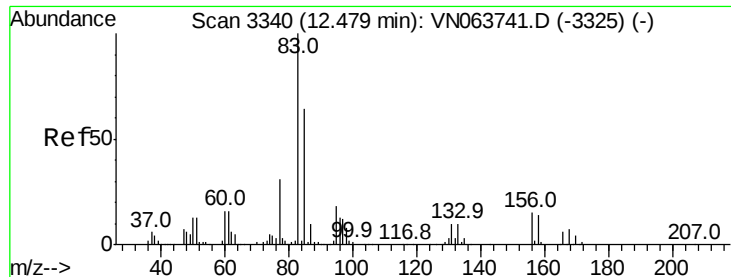
43 100

70 36.0 29.8 44.8

55 25.4 17.9 26.9

61 20.7 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.204 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

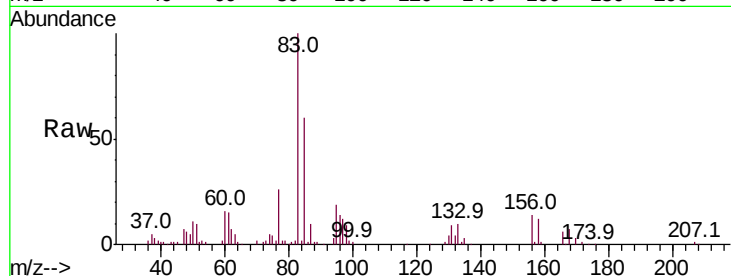
Tot Ion: 83 Resp: 86531

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

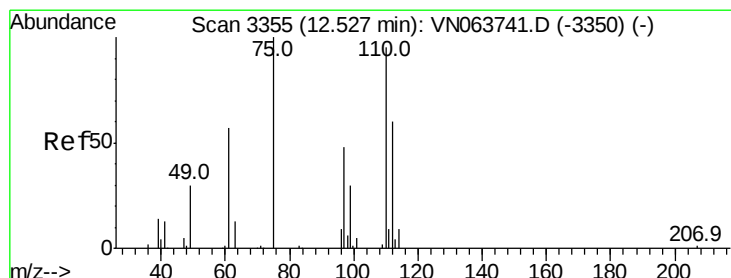
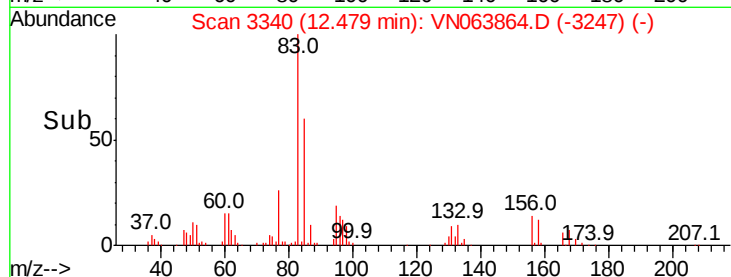
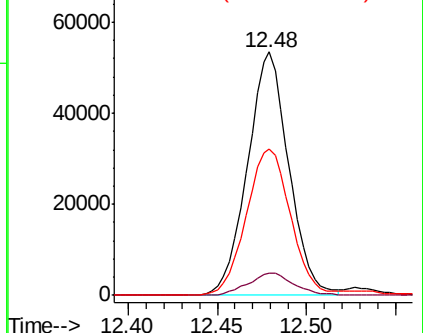
85 64.2 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063741.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 27.148 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063864.D

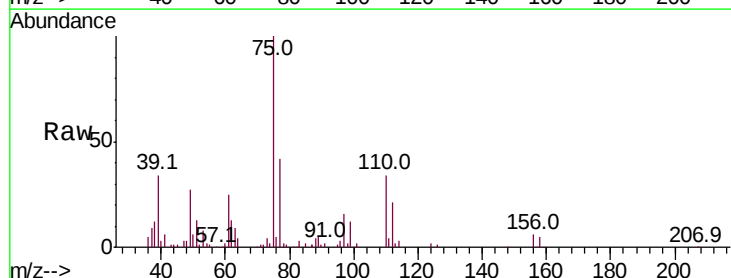
Acq: 5 Oct 2020 12:30

Tgt Ion: 75 Resp: 120898

Ion Ratio Lower Upper

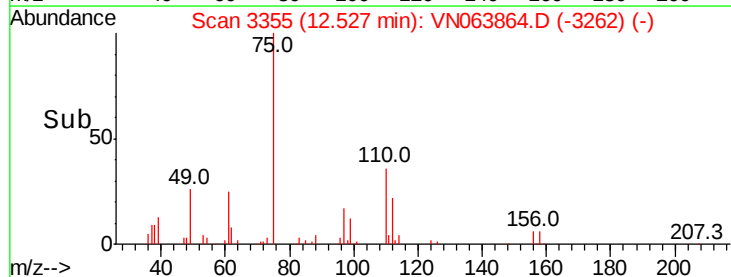
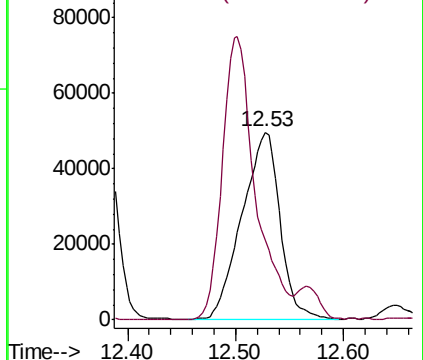
75 100

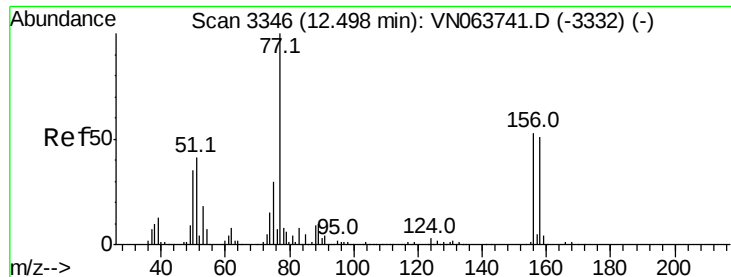
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)





#77

Bromobenzene

Concen: 20.049 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

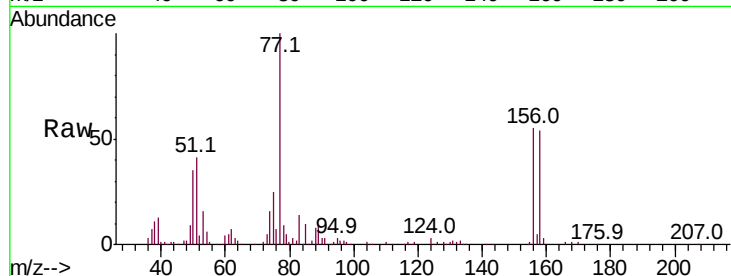
Tot Ion:156 Resp: 72490

Ion Ratio Lower Upper

156 100

77 221.7 110.9 332.7

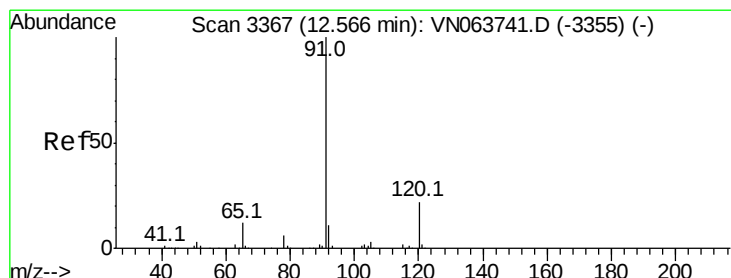
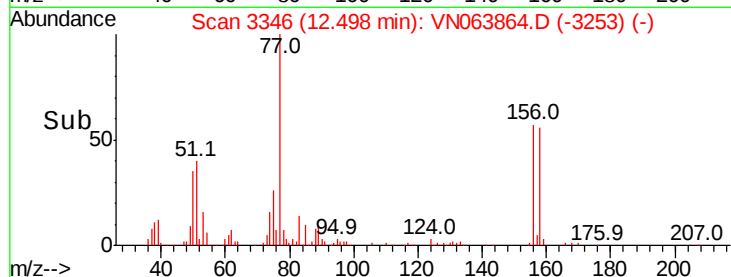
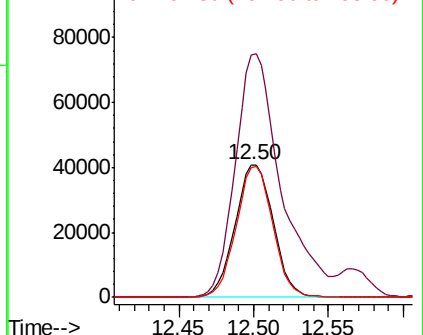
158 95.1 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.556 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063864.D

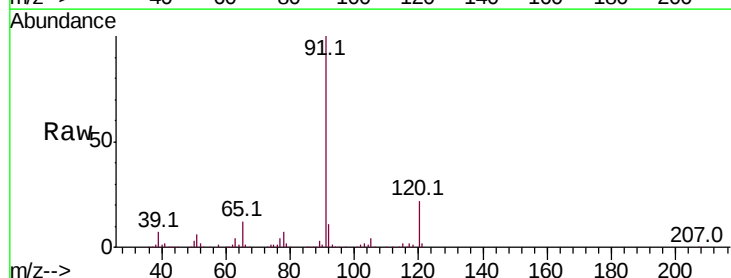
Acq: 5 Oct 2020 12:30

Tgt Ion: 91 Resp: 318211

Ion Ratio Lower Upper

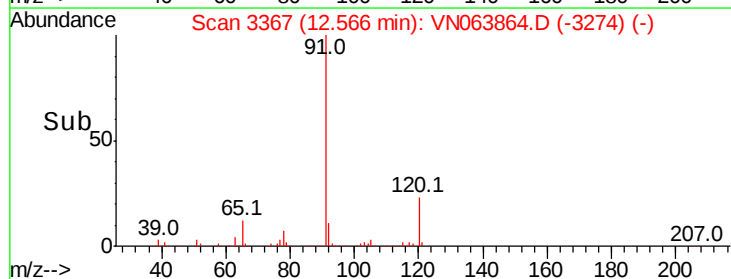
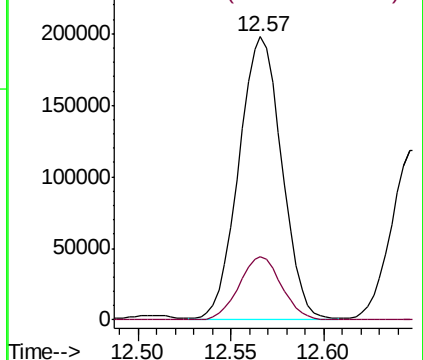
91 100

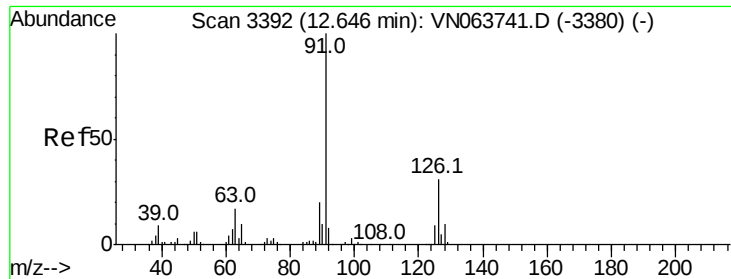
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.831 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

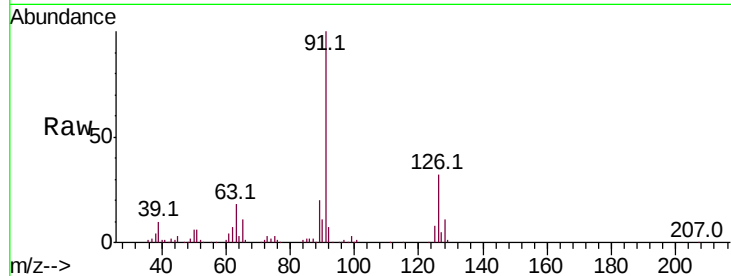
VN1005WBS01

Tot Ion: 91 Resp: 198601

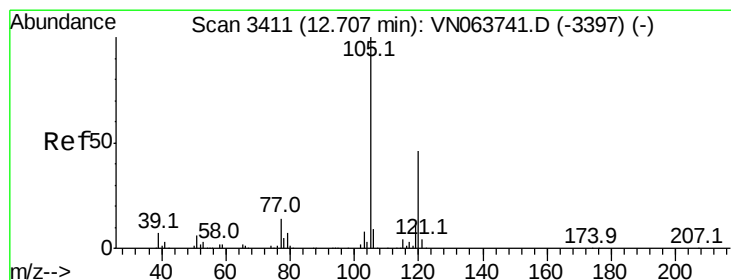
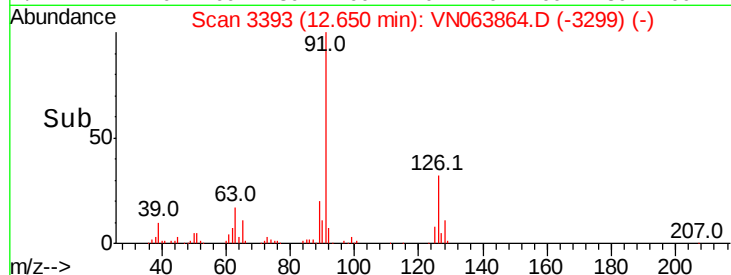
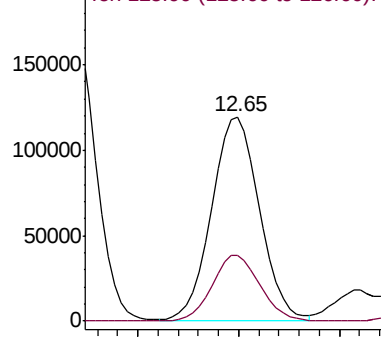
Ion Ratio Lower Upper

91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063864.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.202 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063864.D

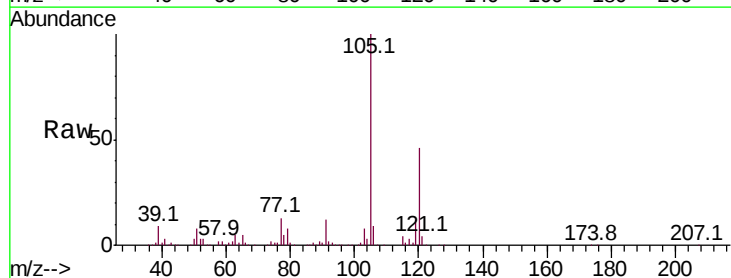
Acq: 5 Oct 2020 12:30

Tgt Ion: 105 Resp: 237372

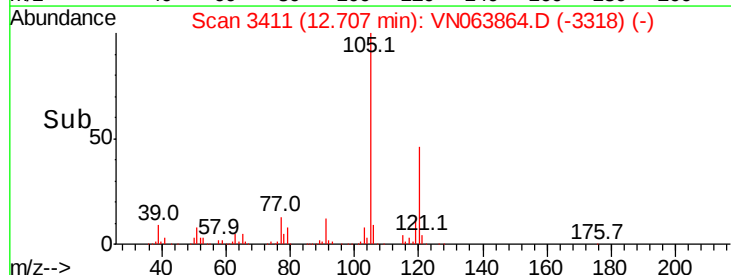
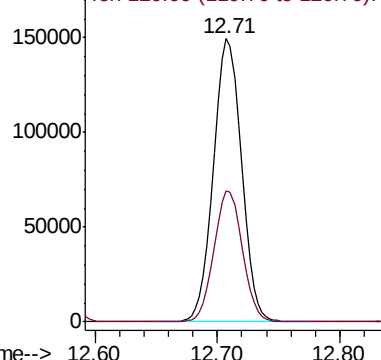
Ion Ratio Lower Upper

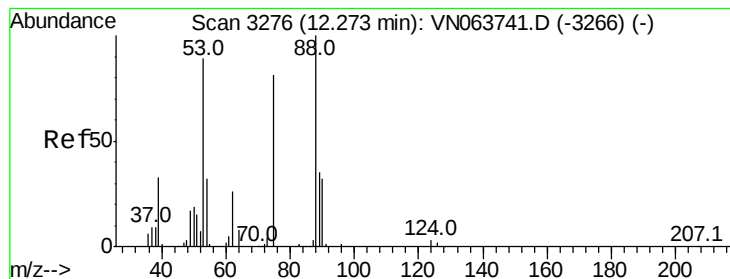
105 100

120 46.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063864.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.067 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBS01

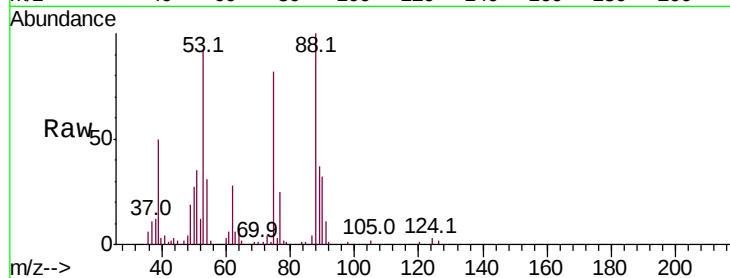
Tot Ion: 75 Resp: 29482

Ion Ratio Lower Upper

75 100

53 115.5 88.2 132.2

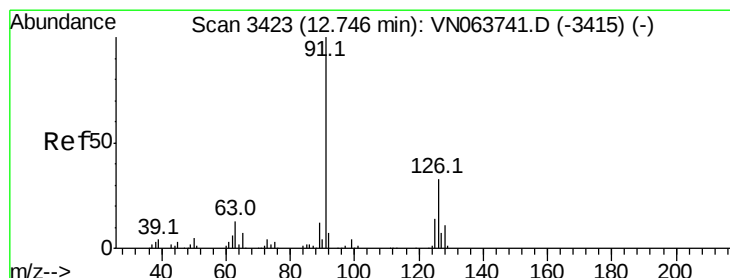
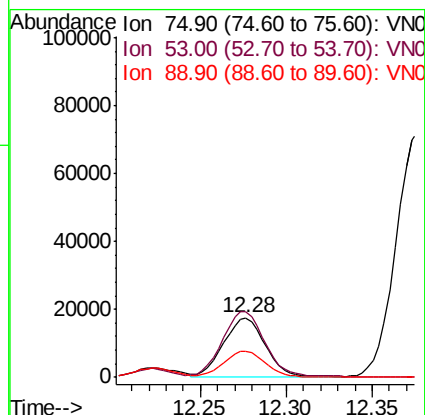
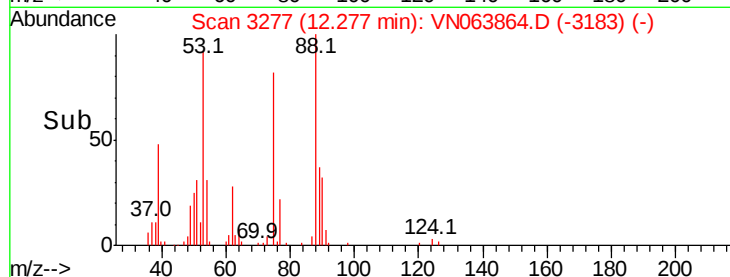
89 45.2 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.979 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063864.D

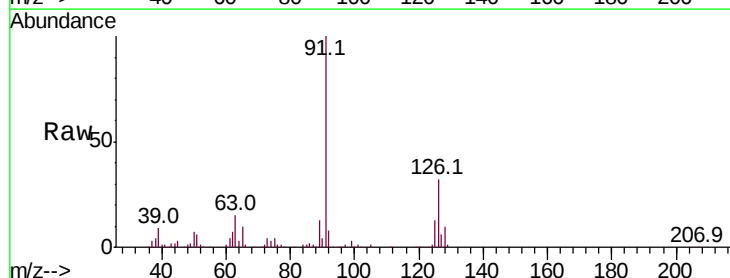
Acq: 5 Oct 2020 12:30

Tgt Ion: 91 Resp: 207791

Ion Ratio Lower Upper

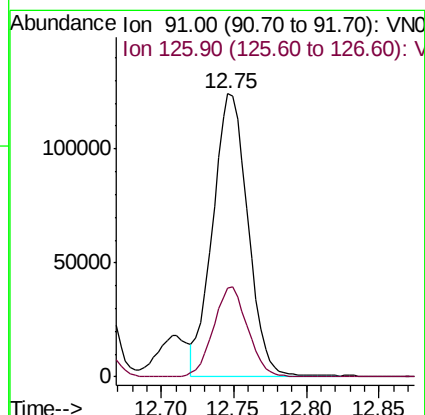
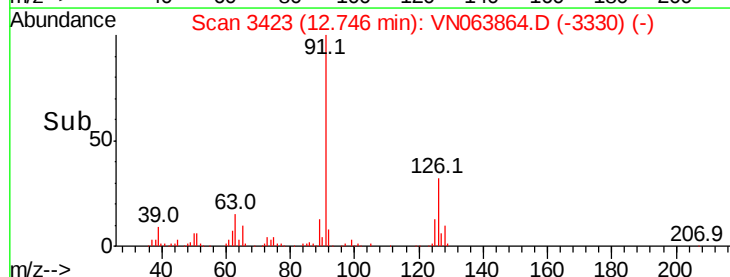
91 100

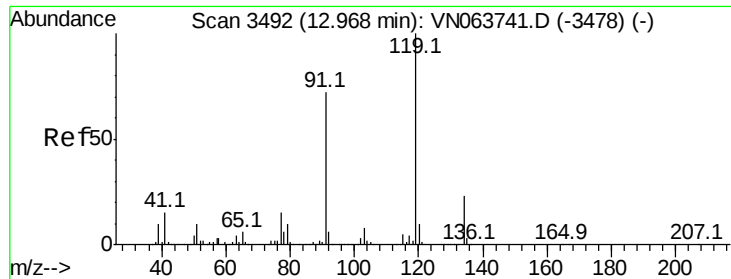
126 31.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

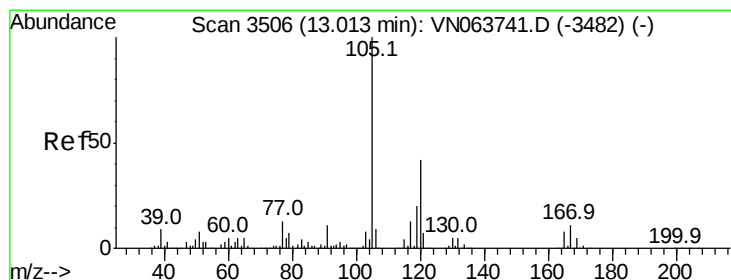
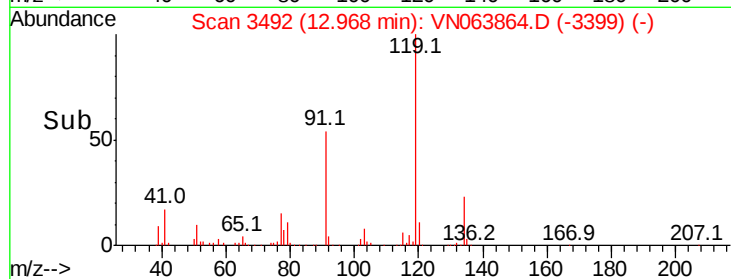
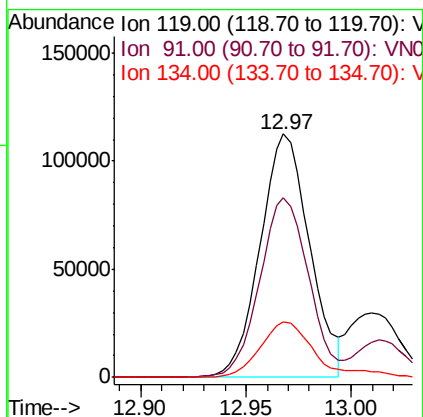
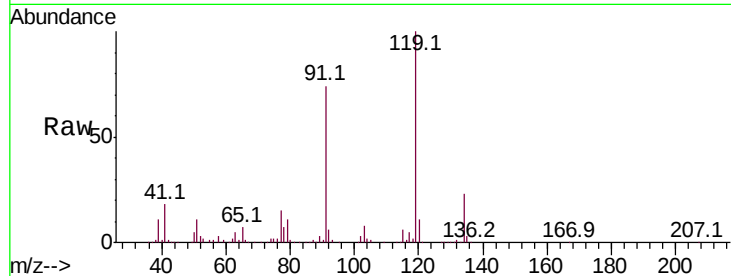




#83
tert-Butylbenzene
Concen: 18.195 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

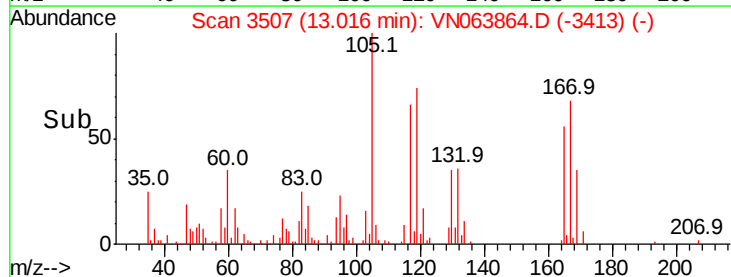
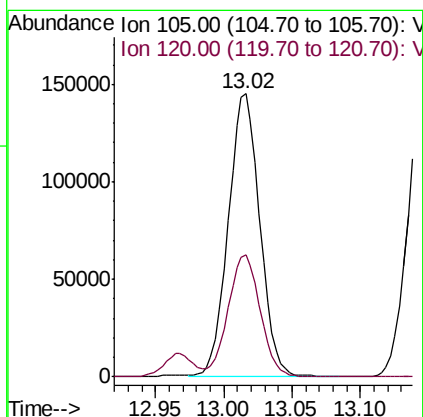
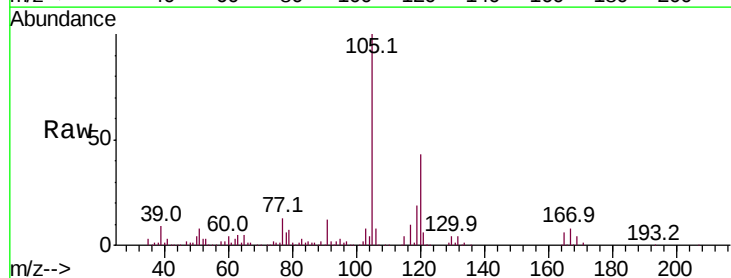
Instrument :
MSVOA_N
ClientSampled :
VN1005WBS01

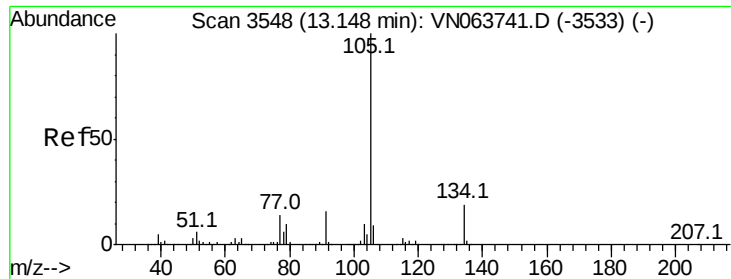
Tot Ion:119 Resp: 183980
Ion Ratio Lower Upper
119 100
91 73.0 35.5 106.5
134 25.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 18.732 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion:105 Resp: 231201
Ion Ratio Lower Upper
105 100
120 43.9 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.631 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampleId :

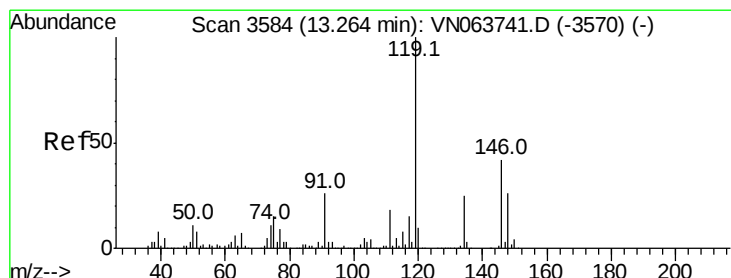
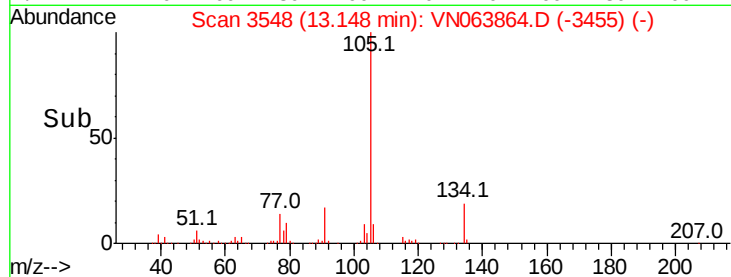
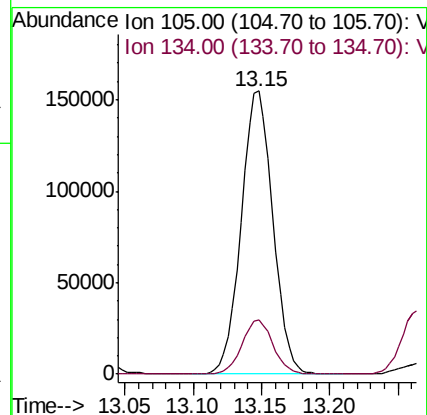
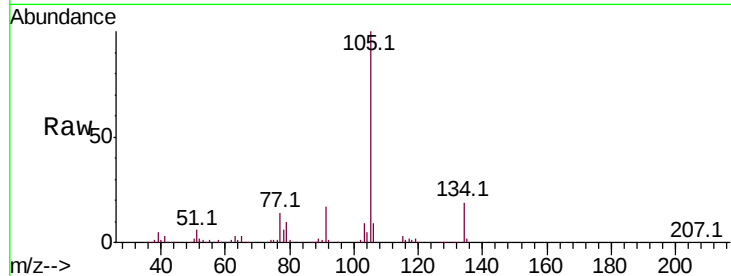
VN1005WBS01

Tot Ion:105 Resp: 247450

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 18.455 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

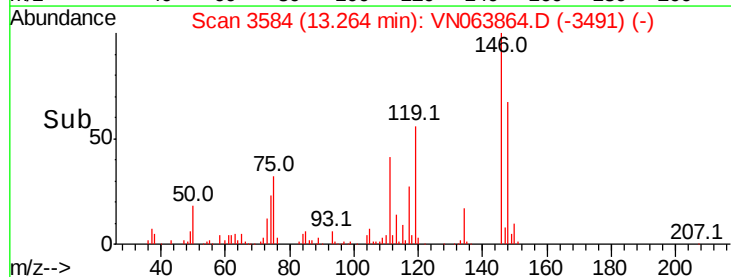
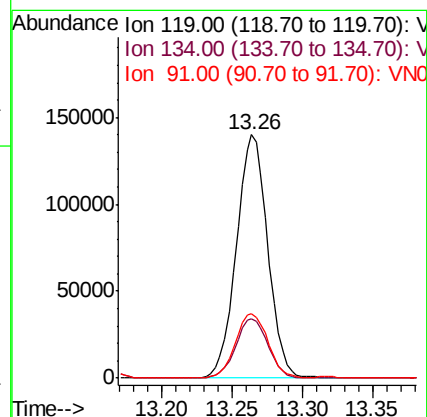
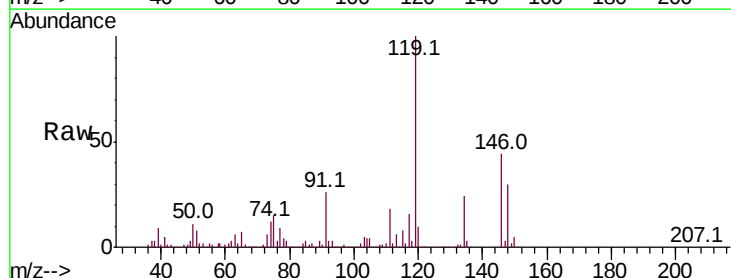
Tgt Ion:119 Resp: 216837

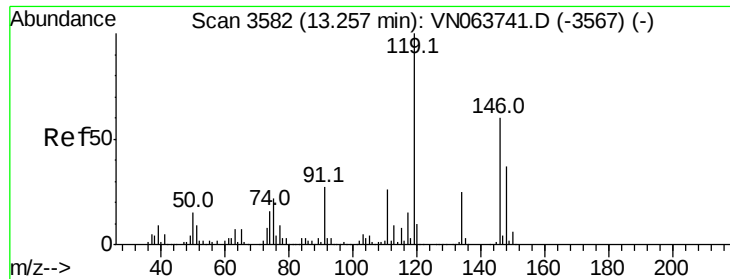
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 27.0 13.4 40.2

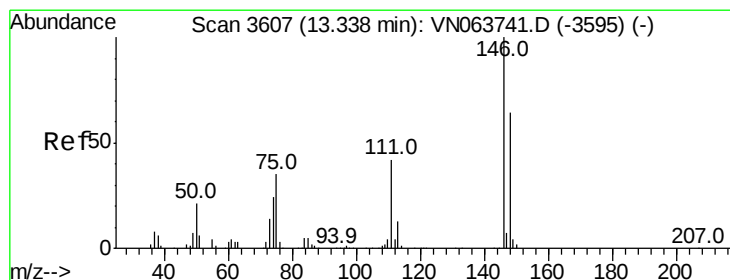
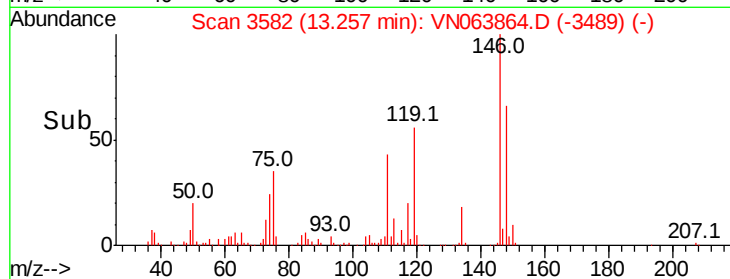
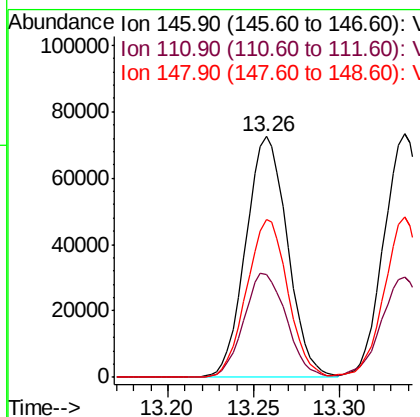
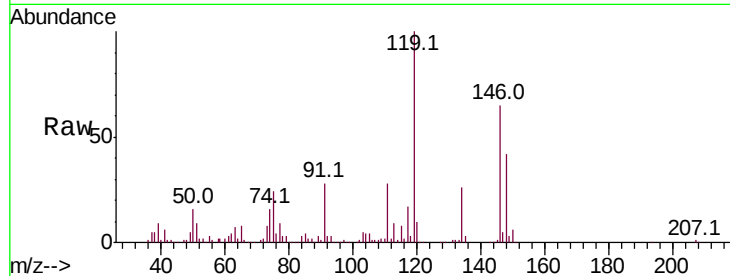




#87
 1,3-Dichlorobenzene
 Concen: 18.648 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

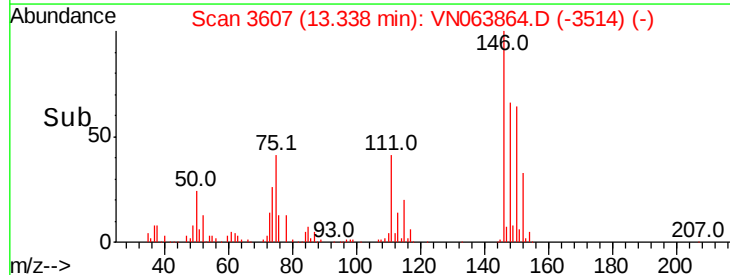
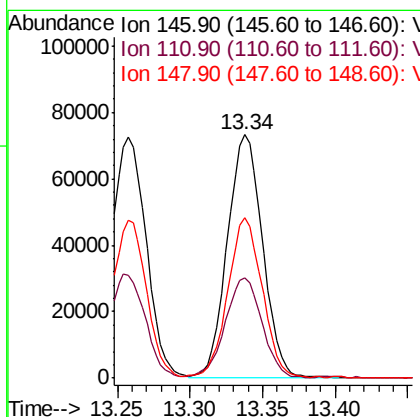
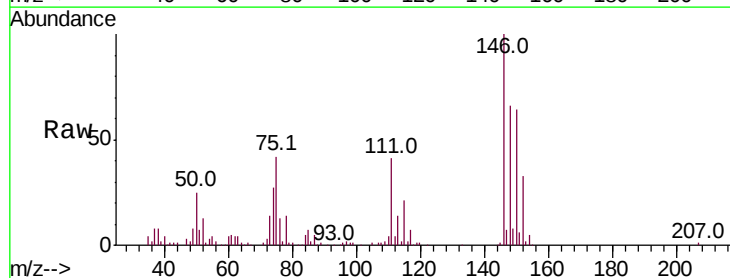
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

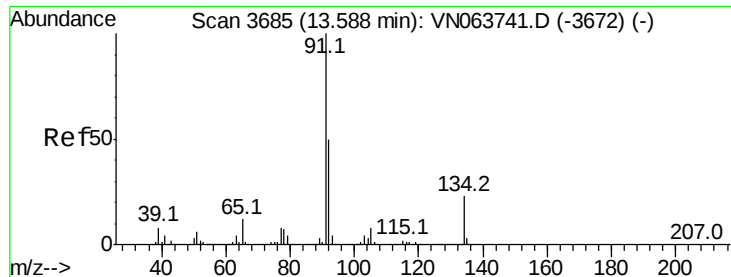
Tot Ion:146 Resp: 121978
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.5 64.5
 148 64.6 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.078 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion:146 Resp: 123127
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 63.8 32.0 96.0

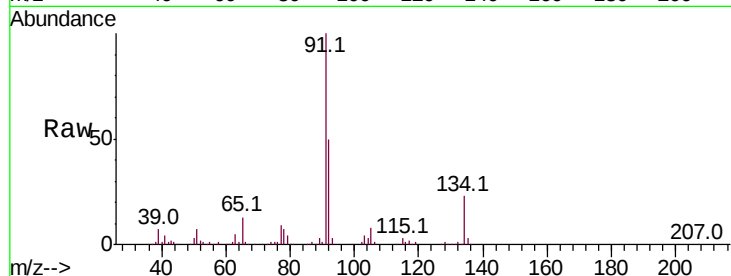




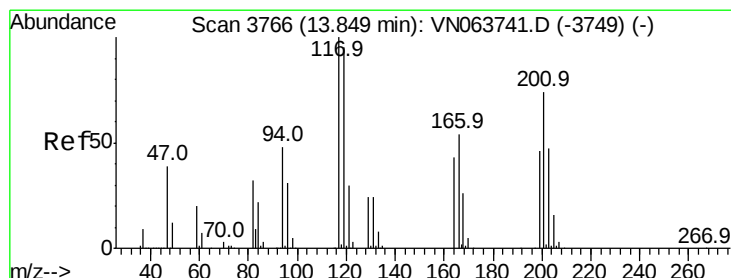
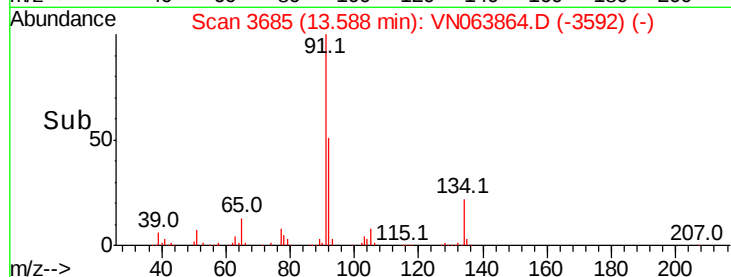
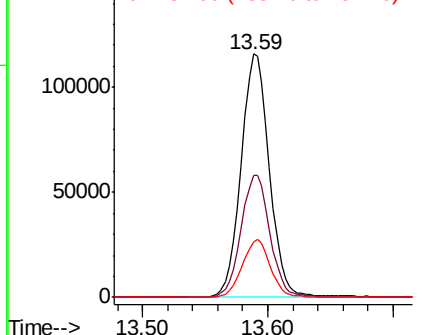
#89
n-Butylbenzene
Concen: 16.753 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

Tot Ion: 91 Resp: 181672
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.4
134 23.5 11.7 35.1

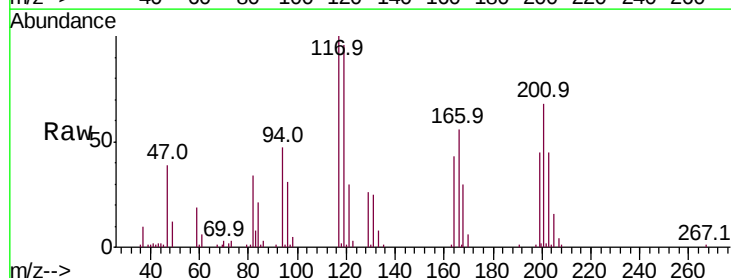


Abundance Ion 91.00 (90.70 to 91.70): VN063864.D (-3685) (-)
Ion 92.00 (91.70 to 92.70): VN063864.D (-3685) (-)
Ion 134.00 (133.70 to 134.70): VN063864.D (-3685) (-)

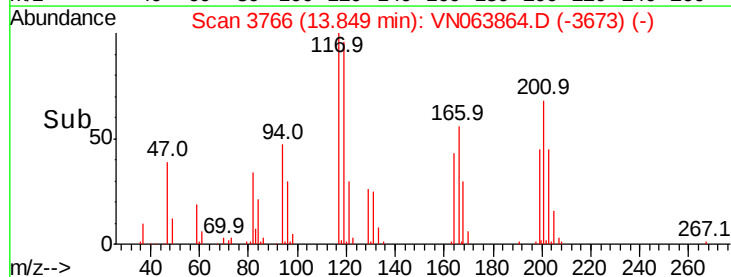
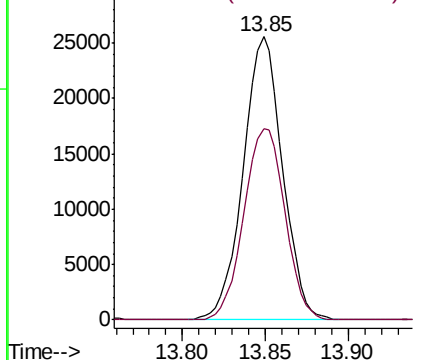


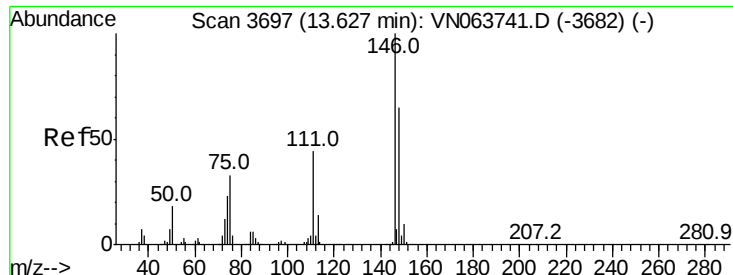
#90
Hexachloroethane
Concen: 18.498 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion: 117 Resp: 42116
Ion Ratio Lower Upper
117 100
201 70.7 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063864.D (-3766) (-)
Ion 200.70 (200.40 to 201.40): VN063864.D (-3766) (-)

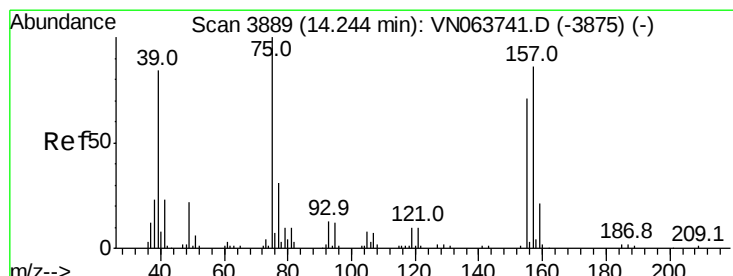
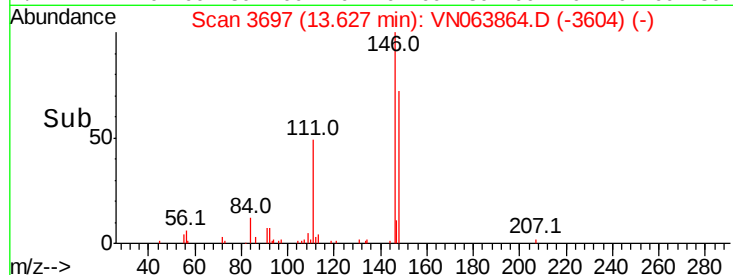
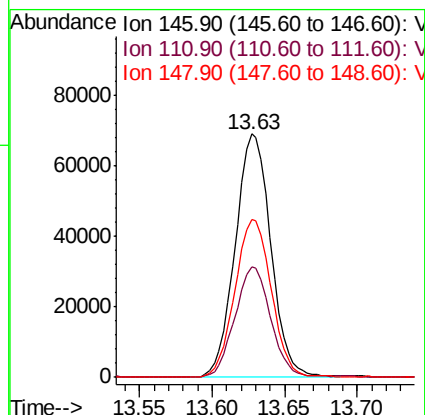
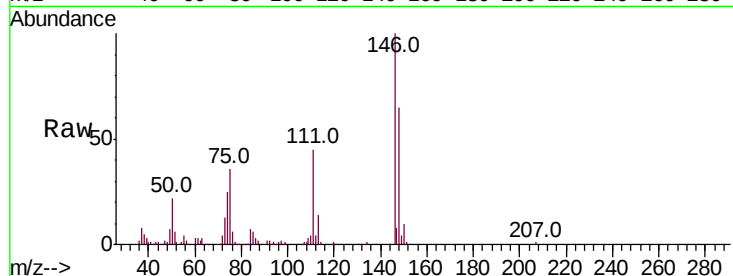




#91
 1,2-Dichlorobenzene
 Concen: 18.269 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

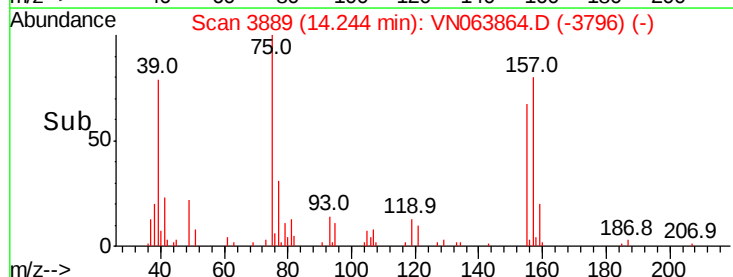
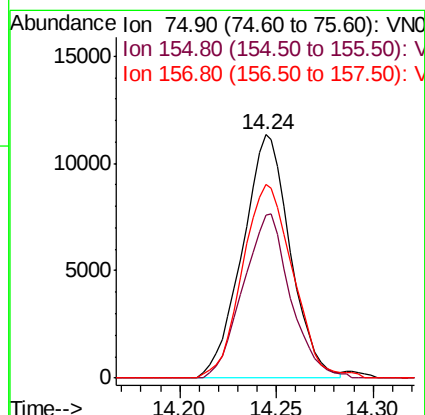
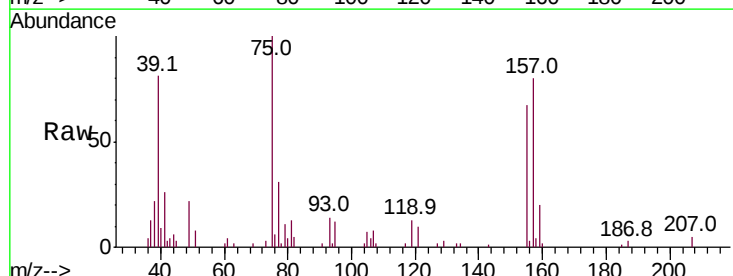
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBS01

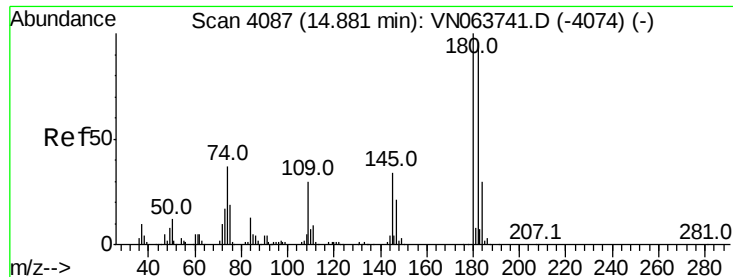
Tot Ion:146 Resp: 118361
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.2 66.6
 148 66.4 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.455 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063864.D
 Acq: 5 Oct 2020 12:30

Tgt Ion: 75 Resp: 19501
 Ion Ratio Lower Upper
 75 100
 155 66.7 34.8 104.5
 157 84.2 43.7 131.1





#93

1,2,4-Trichlorobenzene

Concen: 16.612 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

Instrument :

MSVOA_N

ClientSampled :

VN1005WBS01

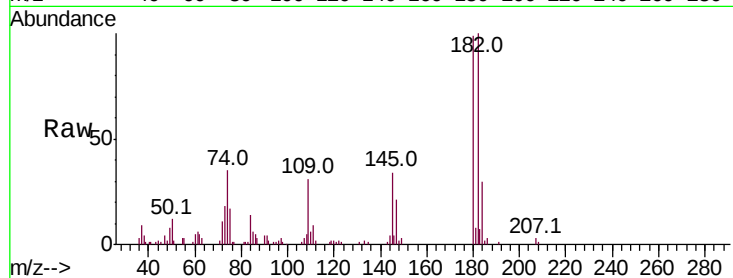
Tot Ion:180 Resp: 54290

Ion Ratio Lower Upper

180 100

182 100.1 48.2 144.6

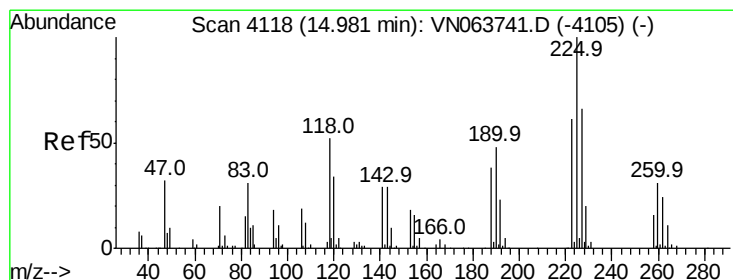
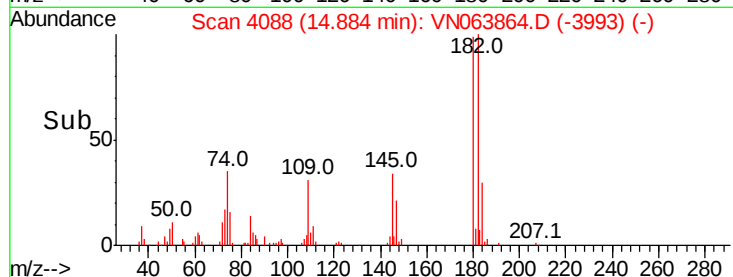
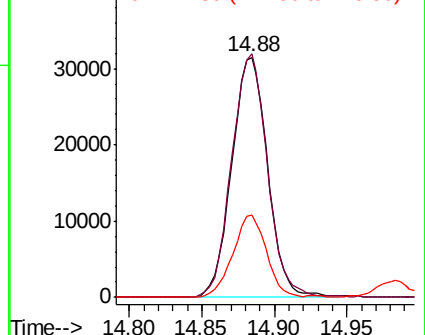
145 31.8 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.070 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063864.D

Acq: 5 Oct 2020 12:30

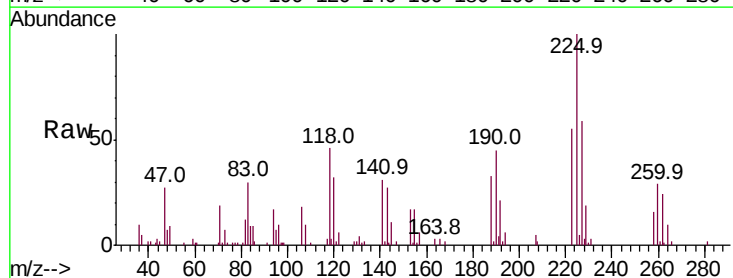
Tgt Ion:225 Resp: 33427

Ion Ratio Lower Upper

225 100

223 59.0 30.3 91.0

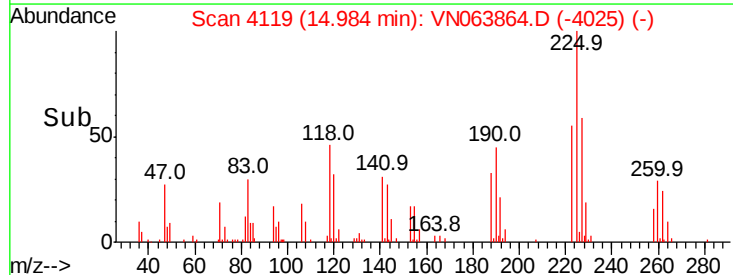
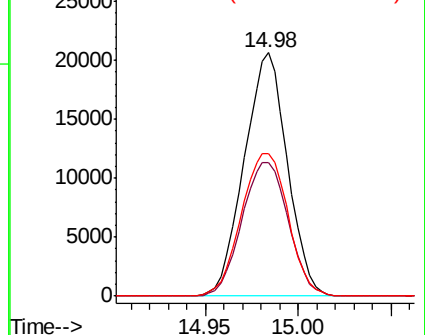
227 63.5 31.9 95.5

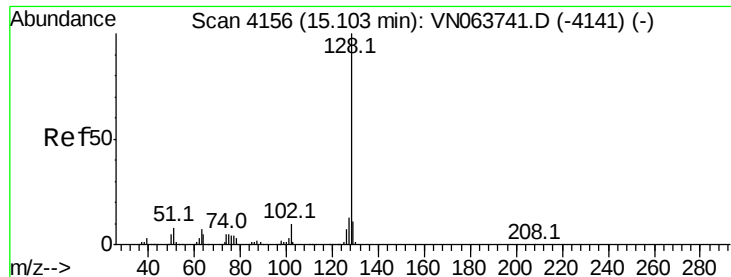


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

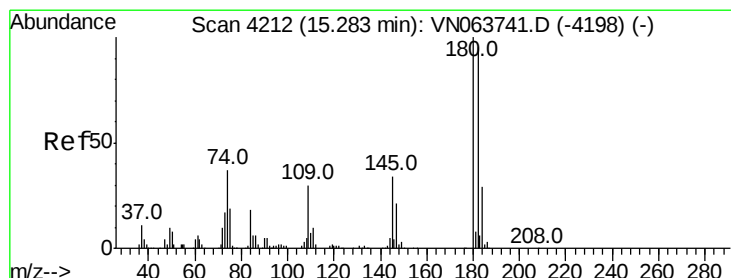
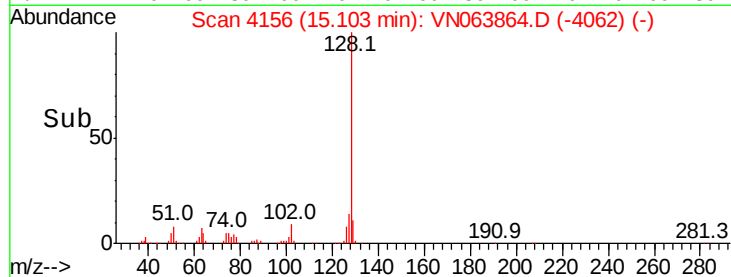
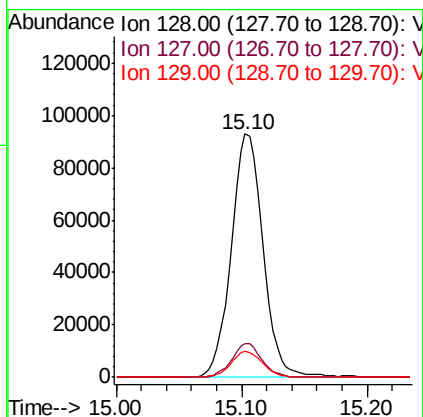
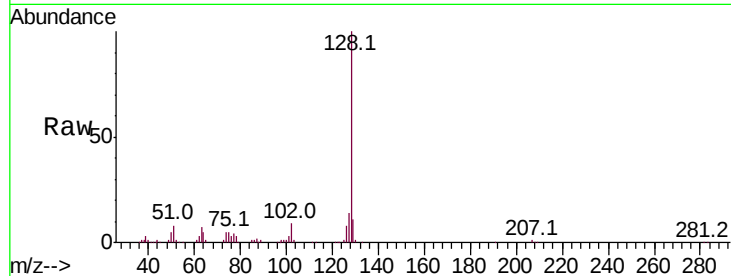




#95
Naphthalene
Concen: 16.365 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBS01

Tot Ion:128 Resp: 163715
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.887 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063864.D
Acq: 5 Oct 2020 12:30

Tgt Ion:180 Resp: 54039
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 34.3 17.2 51.5

