

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064287.D
 Acq On : 23 Oct 2020 15:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 23 16:32:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	278469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	410535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	201658	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	7.55	113	151909	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.06	98	545507	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	12.38	95	219330	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	171177	50.312	ug/l	98
3) Chloromethane	2.04	50	168021	52.205	ug/l	99
4) Vinyl Chloride	2.16	62	167666	52.545	ug/l	94
5) Bromomethane	2.53	94	103036	49.539	ug/l	95
6) Chloroethane	2.67	64	96525	49.692	ug/l	96
7) Trichlorofluoromethane	2.99	101	276964	52.781	ug/l	98
8) Diethyl Ether	3.37	74	90131	51.925	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143005	52.702	ug/l	99
10) Methyl Iodide	3.91	142	190176	49.286	ug/l	99
11) Tert butyl alcohol	4.72	59	133257	240.720	ug/l	100
12) 1,1-Dichloroethene	3.70	96	134469	51.523	ug/l	99
13) Acrolein	3.56	56	108056	310.955	ug/l	99
14) Allyl chloride	4.27	41	265725	50.871	ug/l	99
15) Acrylonitrile	4.93	53	299015	261.218	ug/l	98
16) Acetone	3.77	43	357597	302.213	ug/l	99
17) Carbon Disulfide	4.01	76	374518	50.307	ug/l	96
18) Methyl Acetate	4.28	43	161071	53.420	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	461965	51.486	ug/l	94
20) Methylene Chloride	4.50	84	152347	48.284	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147388	51.213	ug/l	93
22) Diisopropyl ether	5.90	45	487035	50.156	ug/l	98
23) Vinyl Acetate	5.84	43	2257551	260.694	ug/l	100
24) 1,1-Dichloroethane	5.79	63	298075	52.988	ug/l	100
25) 2-Butanone	6.78	43	510165	271.375	ug/l	100
26) 2,2-Dichloropropane	6.77	77	284218	50.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	170312	50.816	ug/l	98
28) Bromochloromethane	7.15	49	135280	50.622	ug/l	99
29) Tetrahydrofuran	7.16	42	292481	260.093	ug/l	98
30) Chloroform	7.33	83	309123	51.517	ug/l	100
31) Cyclohexane	7.61	56	229494	46.813	ug/l	91
32) 1,1,1-Trichloroethane	7.52	97	291592	51.874	ug/l	99
36) 1,1-Dichloropropene	7.75	75	231753	51.470	ug/l	98
37) Ethyl Acetate	6.88	43	212433	51.963	ug/l	99
38) Carbon Tetrachloride	7.73	117	263451	51.425	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	215661	52.674	ug/l	99
40) Benzene	8.00	78	628495	50.565	ug/l	99
41) Methacrylonitrile	7.12	41	89574	41.769	ug/l	95
42) 1,2-Dichloroethane	8.08	62	269480	50.611	ug/l	99
43) Isopropyl Acetate	8.12	43	386480	50.726	ug/l #	90
44) Trichloroethene	8.80	130	173227	51.145	ug/l	99
45) 1,2-Dichloropropane	9.08	63	168354	50.737	ug/l	98
46) Dibromomethane	9.17	93	114692	51.476	ug/l	95
47) Bromodichloromethane	9.37	83	256894	52.188	ug/l	99
48) Methyl methacrylate	9.16	41	194139	48.778	ug/l	99
49) 1,4-Dioxane	9.16	88	46114	990.250	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1069984	262.769	ug/l	99
52) Toluene	10.12	92	403131	50.689	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	284829	52.088	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	292116	50.736	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	155786	51.864	ug/l	98
56) Ethyl methacrylate	10.40	69	241264	51.947	ug/l	99
57) 1,3-Dichloropropane	10.68	76	274535	52.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	616943	257.962	ug/l	99
59) 2-Hexanone	10.72	43	792793	266.594	ug/l	100
60) Dibromochloromethane	10.87	129	198213	50.975	ug/l	98
61) 1,2-Dibromoethane	10.97	107	165932	52.350	ug/l	100
64) Tetrachloroethene	10.60	164	170631	51.627	ug/l	97
65) Chlorobenzene	11.41	112	438231	51.570	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	175630	52.068	ug/l	98
67) Ethyl Benzene	11.48	91	808639	51.779	ug/l	98
68) m/p-Xylenes	11.59	106	605505	104.646	ug/l	98
69) o-Xylene	11.92	106	290369	51.888	ug/l	98
70) Styrene	11.94	104	493691	52.631	ug/l	100
71) Bromoform	12.10	173	137135	52.629	ug/l #	96
73) Isopropylbenzene	12.22	105	779953	50.163	ug/l	100
74) N-amyl acetate	12.04	43	341262	50.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	203577	49.339	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	317681	73.918	ug/l #	100
77) Bromobenzene	12.50	156	189227	51.551	ug/l	98
78) n-propylbenzene	12.56	91	889050	50.713	ug/l	98
79) 2-Chlorotoluene	12.65	91	540289	50.176	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	662102	50.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82669	48.564	ug/l	100
82) 4-Chlorotoluene	12.75	91	579877	51.627	ug/l	98
83) tert-Butylbenzene	12.97	119	537847	49.906	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	671282	51.309	ug/l	100
85) sec-Butylbenzene	13.14	105	703992	51.815	ug/l	100
86) p-Isopropyltoluene	13.26	119	651070	52.623	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	337054	51.605	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	342833	51.283	ug/l	100
89) n-Butylbenzene	13.59	91	580909	52.378	ug/l	99
90) Hexachloroethane	13.85	117	109517	48.876	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	325871	50.858	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49253	47.848	ug/l	94

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Oct 23 16:32:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

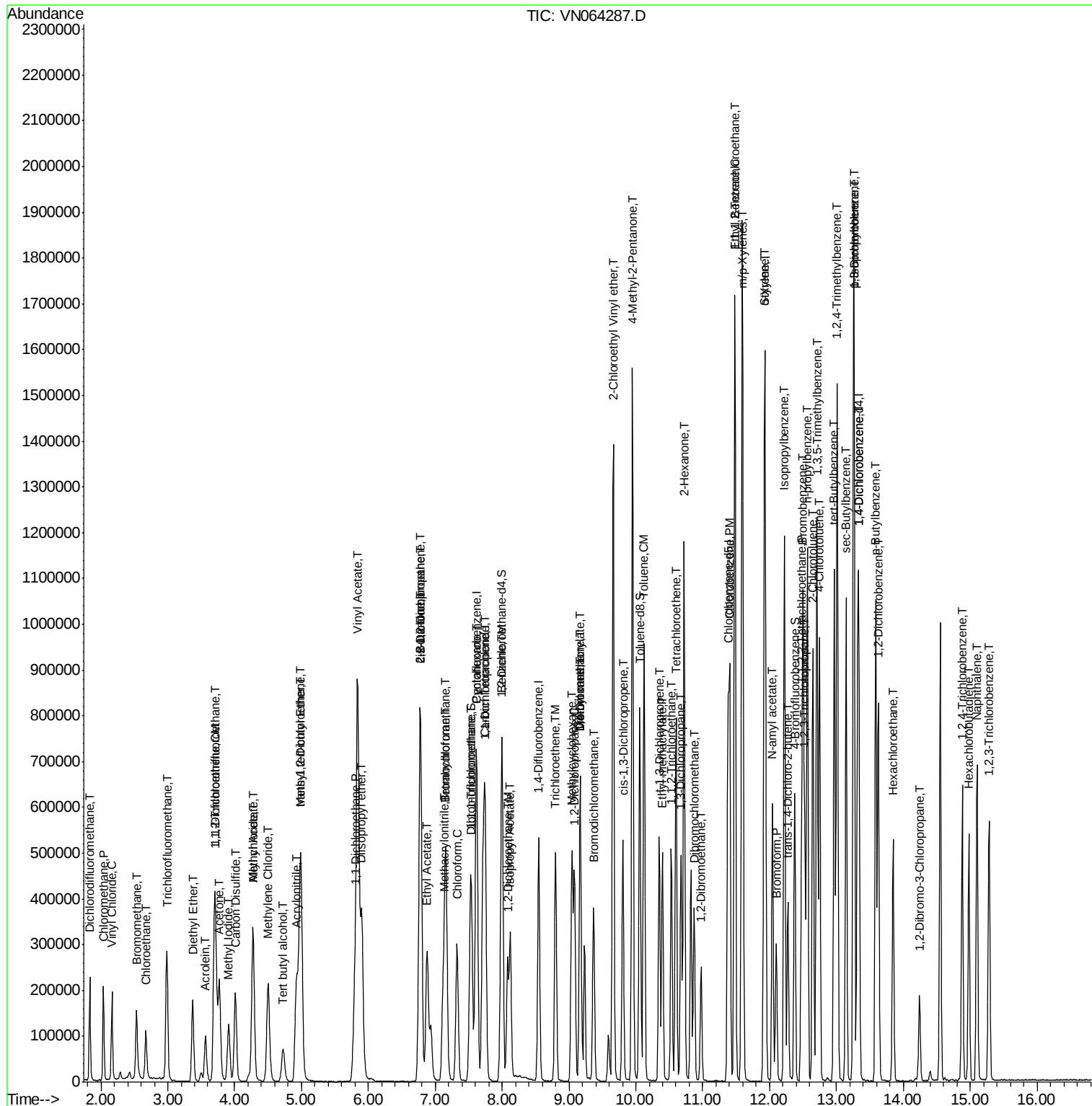
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	195450	54.386	ug/l	99
94) Hexachlorobutadiene	14.98	225	100378	51.787	ug/l	98
95) Naphthalene	15.10	128	569779	52.943	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	181097	50.879	ug/l	98

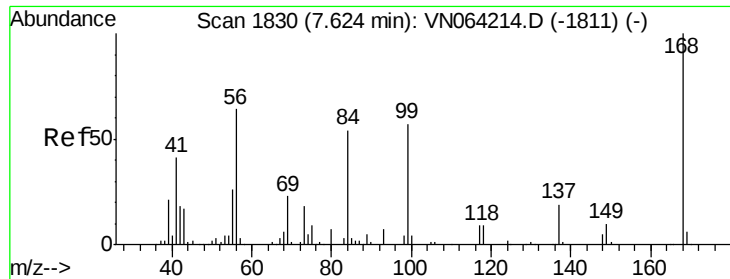
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064287.D
 Acq On : 23 Oct 2020 15:32
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 Misc : 5.00mL/MSVOA N/WATER
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Instrument :
 MSVOA_N
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Quant Time: Oct 23 16:32:48 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

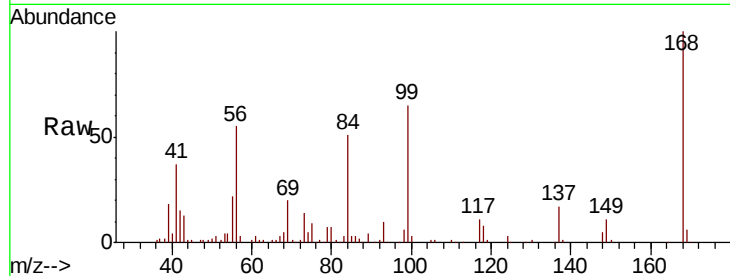
VSTDCCC050

Tot Ion:168 Resp: 278469

Ion Ratio Lower Upper

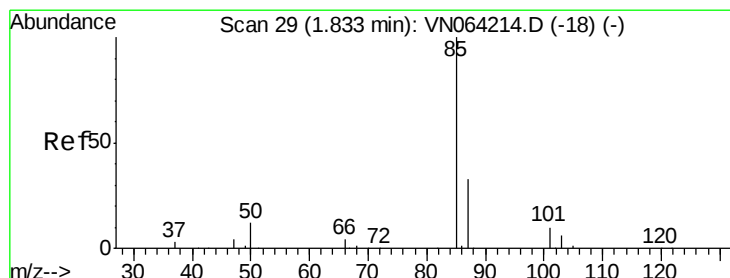
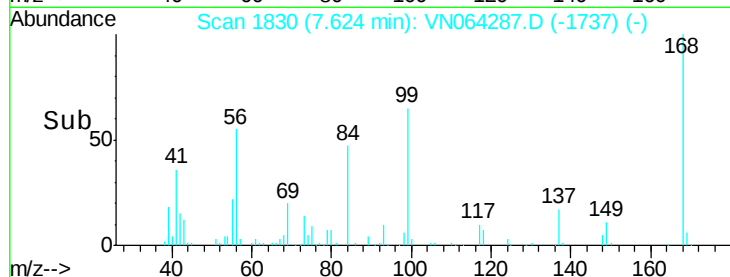
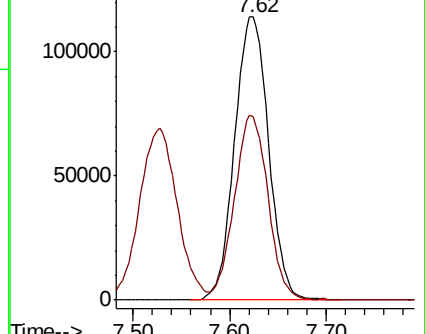
168 100

99 64.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.312 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064287.D

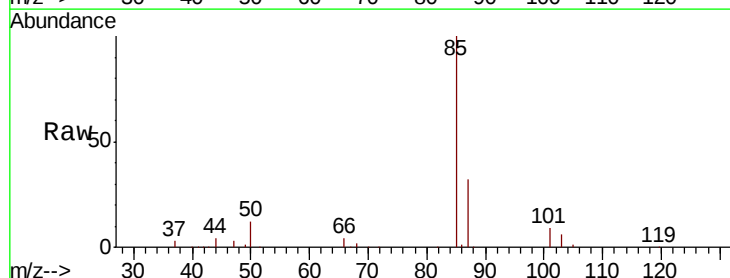
Acq: 23 Oct 2020 15:32

Tgt Ion: 85 Resp: 171177

Ion Ratio Lower Upper

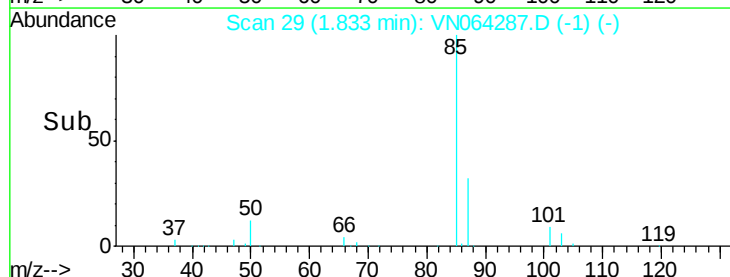
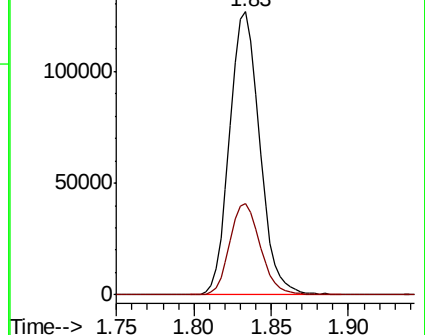
85 100

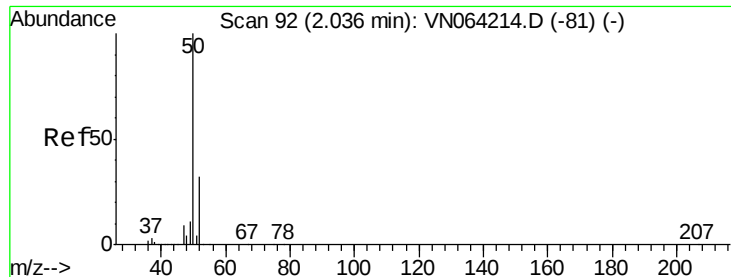
87 32.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.205 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

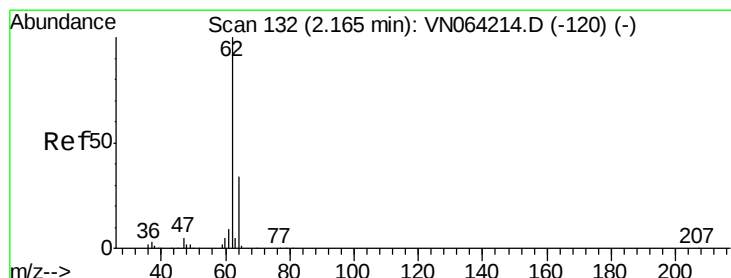
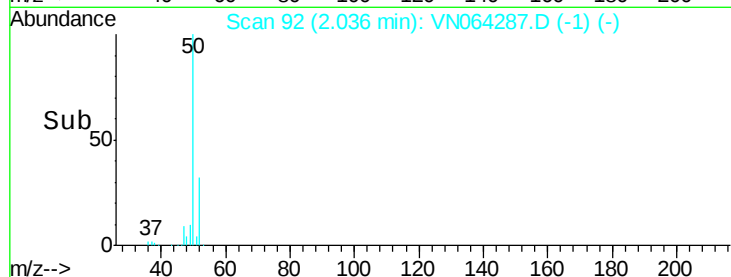
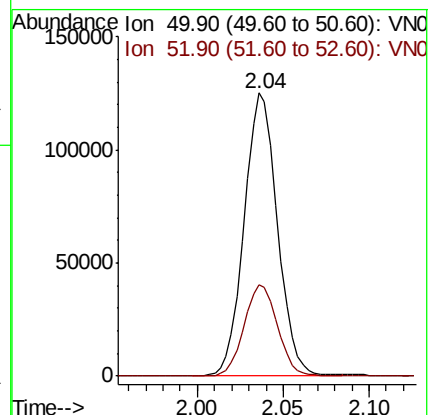
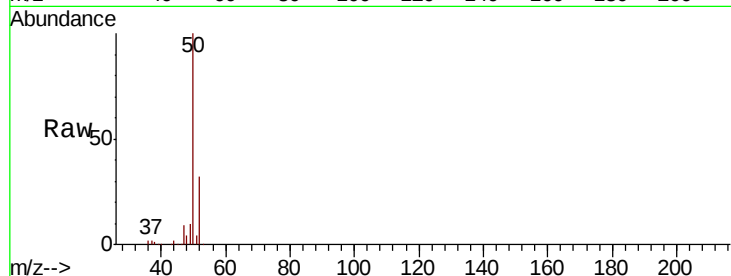
VSTDCCC050

Tot Ion: 50 Resp: 168021

Ion Ratio Lower Upper

50 100

52 32.3 25.3 37.9



#4

Vinyl Chloride

Concen: 52.545 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064287.D

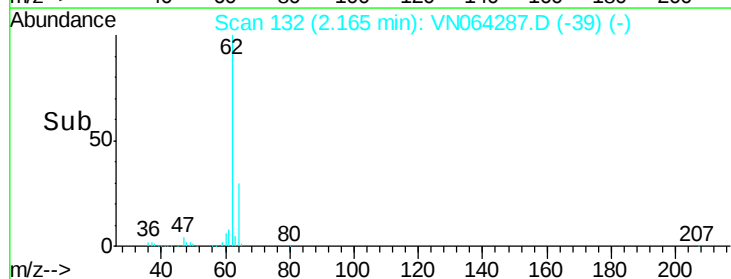
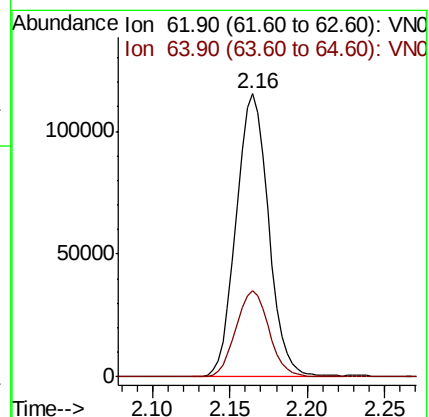
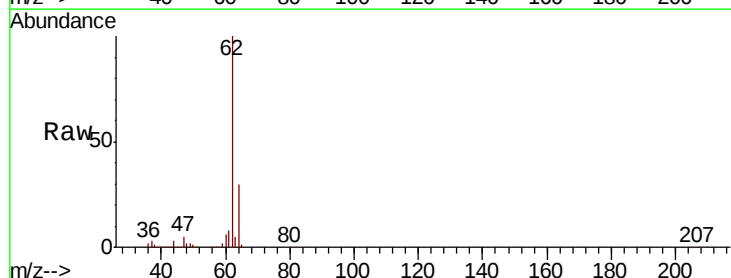
Acq: 23 Oct 2020 15:32

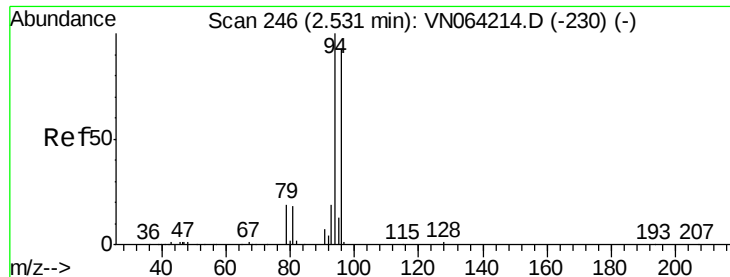
Tgt Ion: 62 Resp: 167666

Ion Ratio Lower Upper

62 100

64 30.3 26.8 40.2





#5

Bromomethane

Concen: 49.539 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

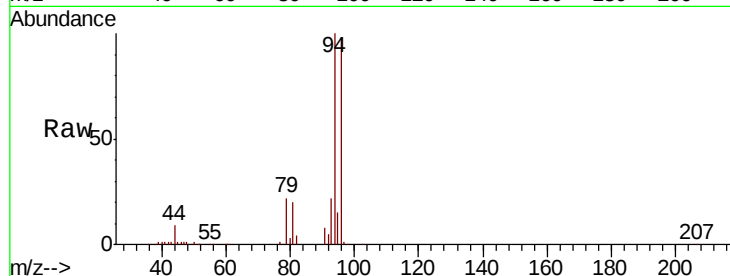
VSTDCCC050

Tot Ion: 94 Resp: 103036

Ion Ratio Lower Upper

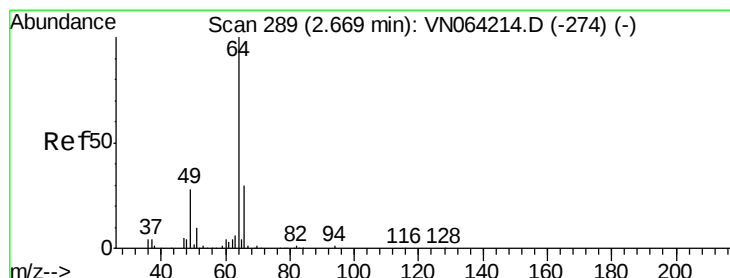
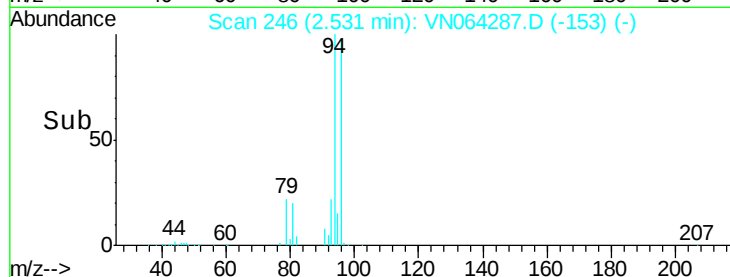
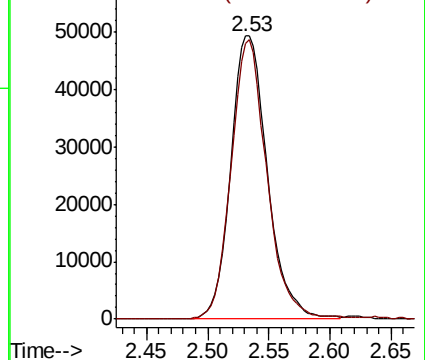
94 100

96 97.5 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.692 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064287.D

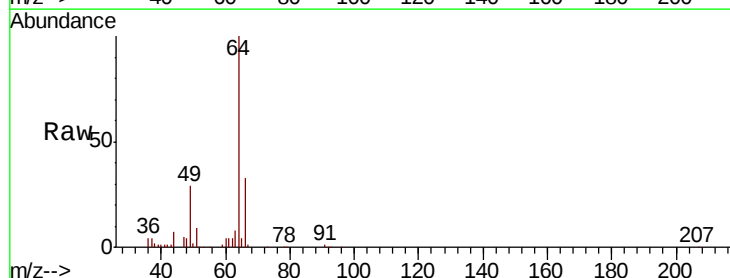
Acq: 23 Oct 2020 15:32

Tgt Ion: 64 Resp: 96525

Ion Ratio Lower Upper

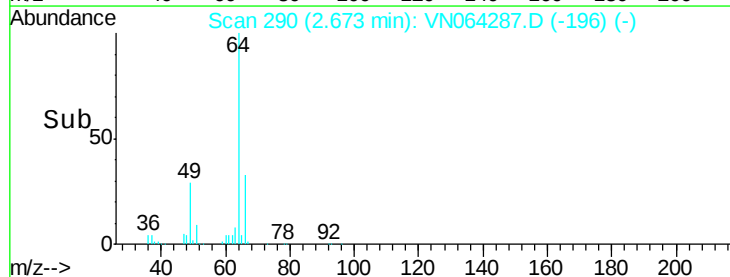
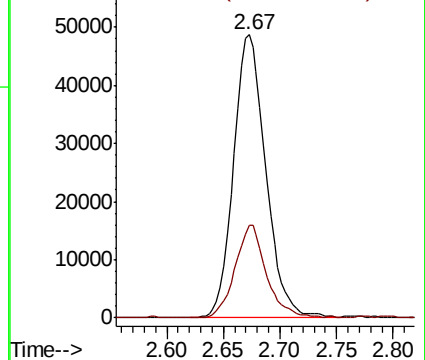
64 100

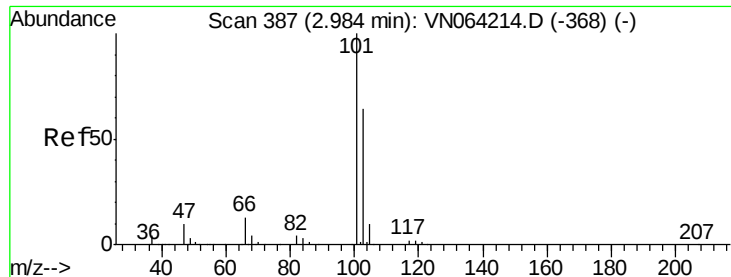
66 32.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 52.781 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

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ClientSampleId :

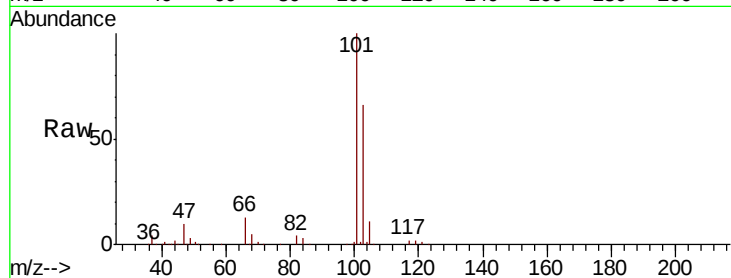
VSTDCCC050

Tot Ion:101 Resp: 276964

Ion Ratio Lower Upper

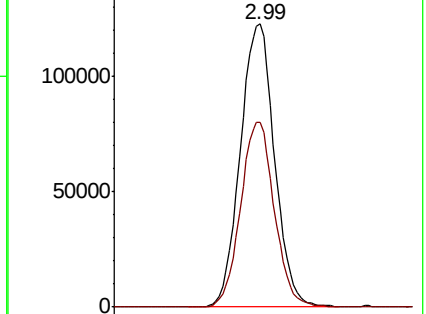
101 100

103 65.5 51.0 76.6

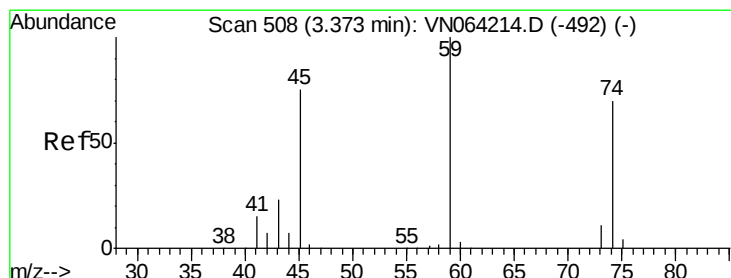
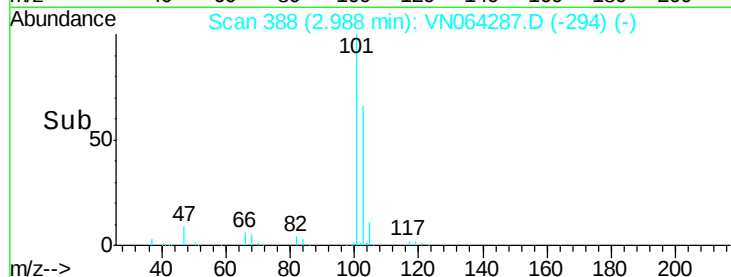


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



Time-->



#8

Diethyl Ether

Concen: 51.925 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064287.D

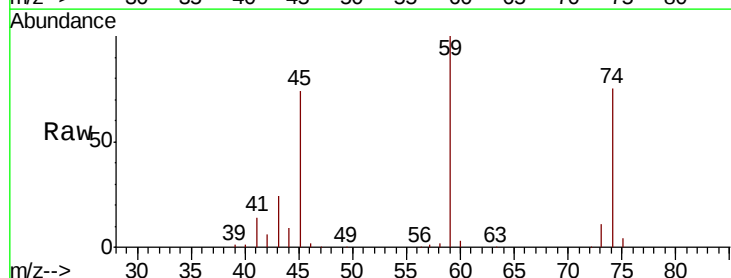
Acq: 23 Oct 2020 15:32

Tgt Ion: 74 Resp: 90131

Ion Ratio Lower Upper

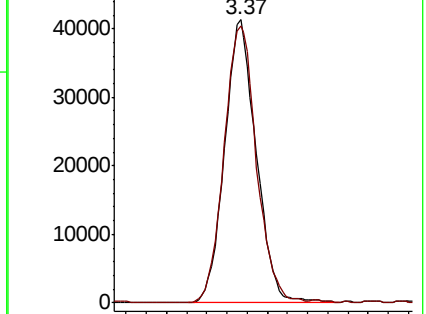
74 100

45 100.6 51.3 154.0

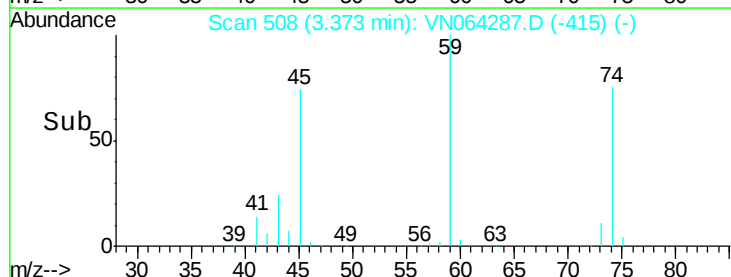


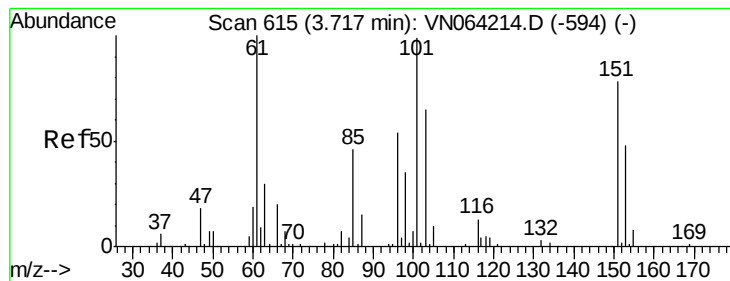
Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.702 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

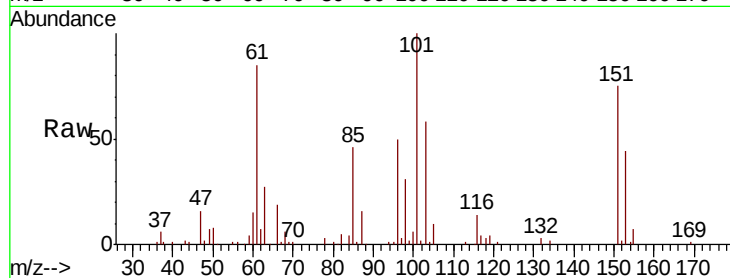
Tot Ion:101 Resp: 143005

Ion Ratio Lower Upper

101 100

85 45.6 37.8 56.8

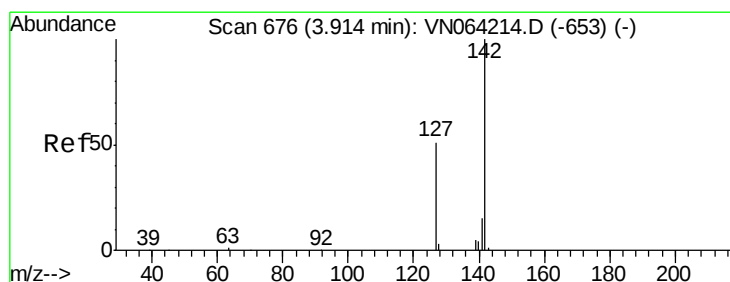
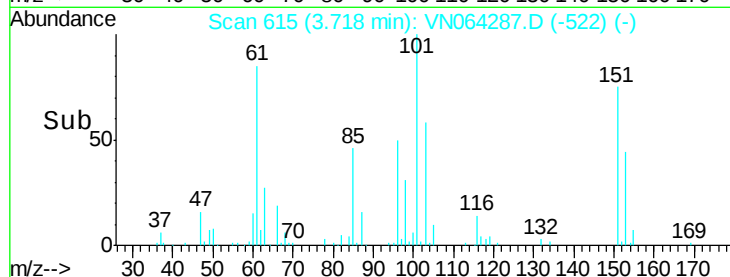
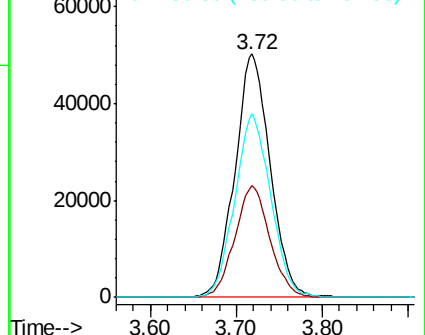
151 76.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.286 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

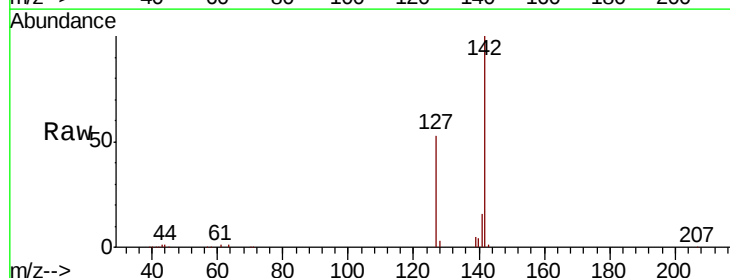
Tgt Ion:142 Resp: 190176

Ion Ratio Lower Upper

142 100

127 52.4 41.0 61.6

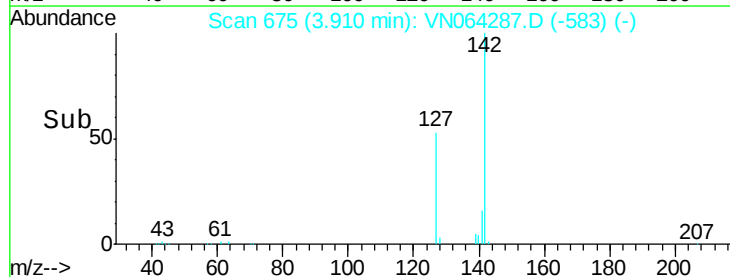
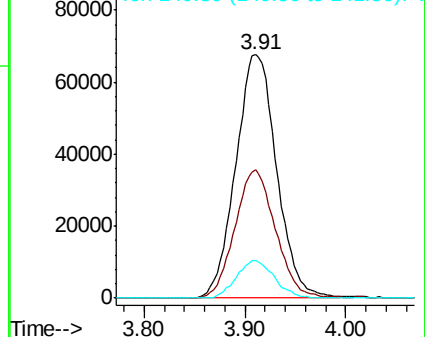
141 14.4 11.3 16.9

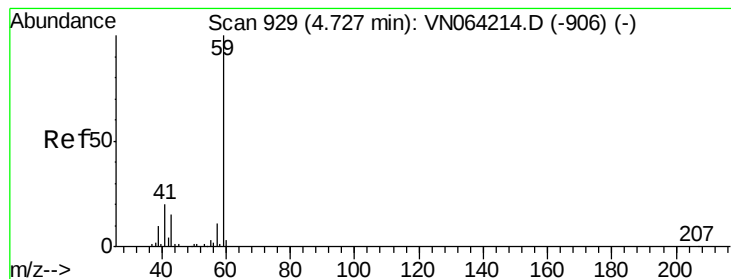


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 240.720 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

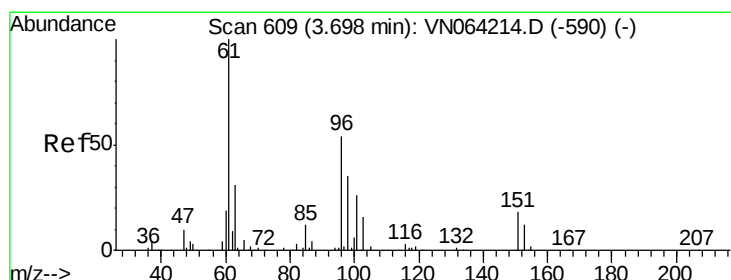
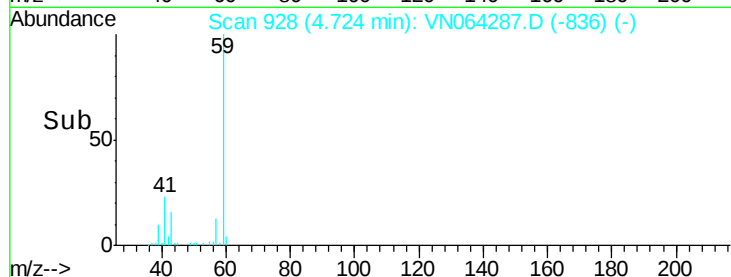
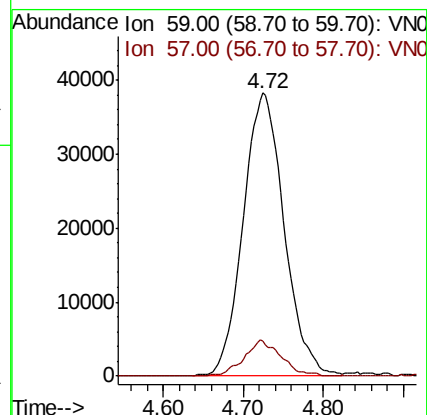
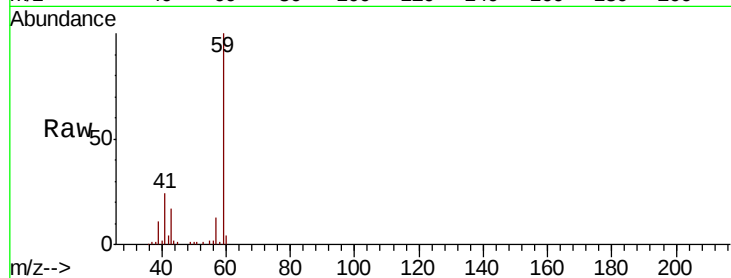
VSTDCCC050

Tot Ion: 59 Resp: 133257

Ion Ratio Lower Upper

59 100

57 11.5 9.2 13.8



#12

1,1-Dichloroethene

Concen: 51.523 ug/l

RT: 3.70 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

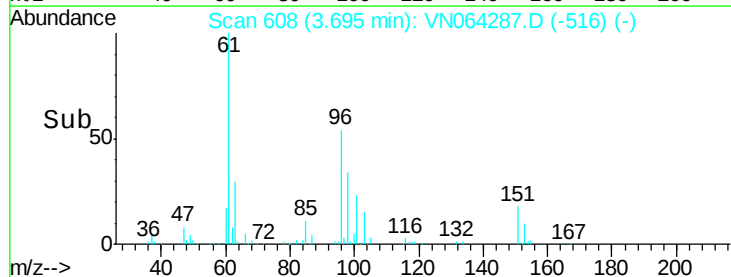
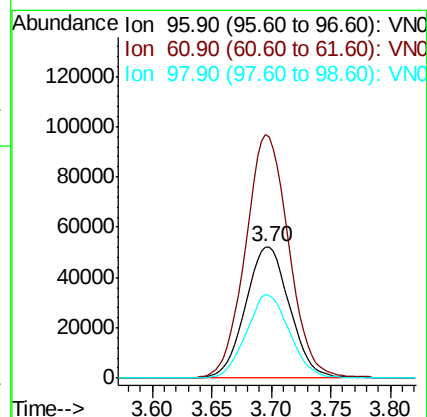
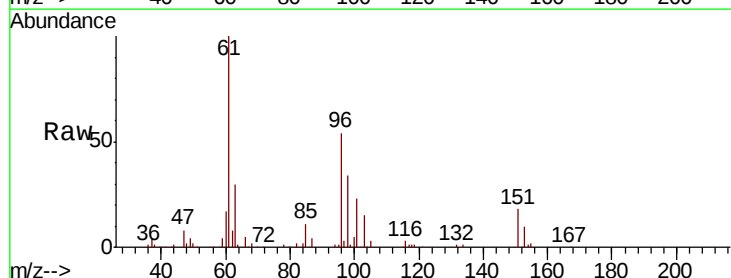
Tgt Ion: 96 Resp: 134469

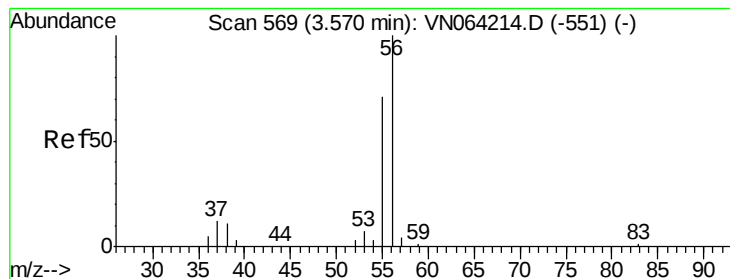
Ion Ratio Lower Upper

96 100

61 185.1 147.0 220.4

98 63.6 51.7 77.5





#13

Acrolein

Concen: 310.955 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

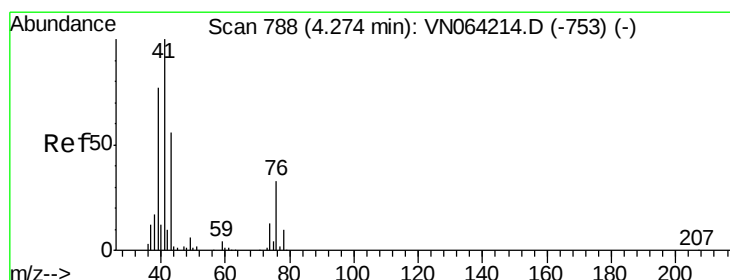
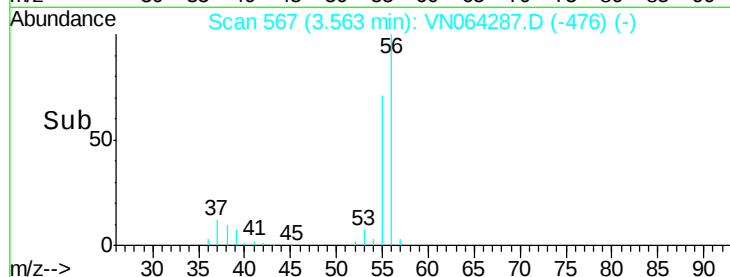
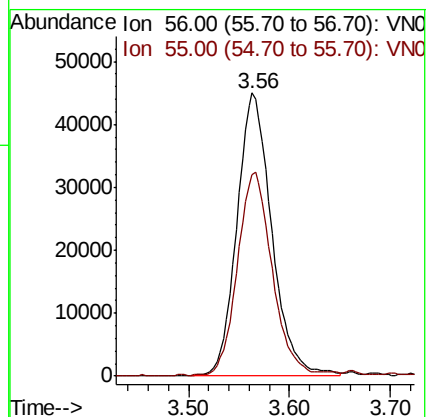
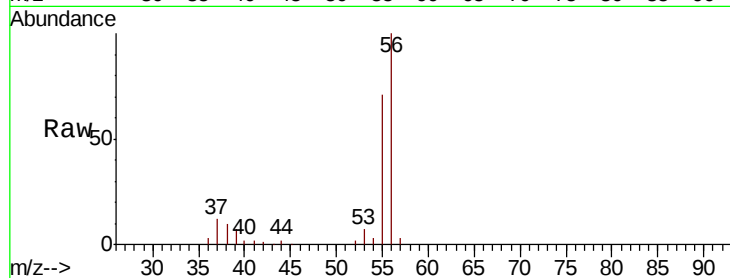
VSTDCCC050

Tot Ion: 56 Resp: 108056

Ion Ratio Lower Upper

56 100

55 70.5 56.1 84.1



#14

Allyl chloride

Concen: 50.871 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

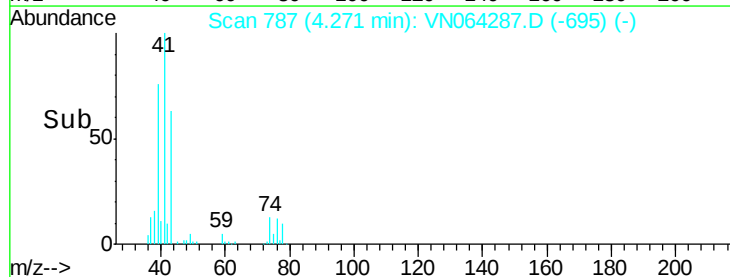
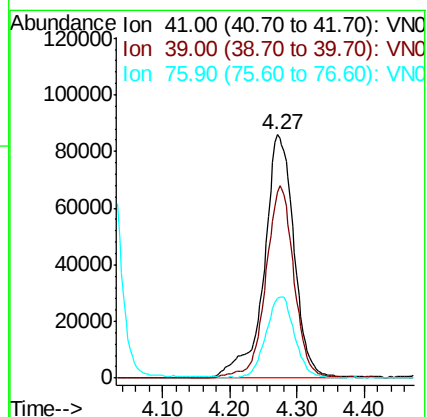
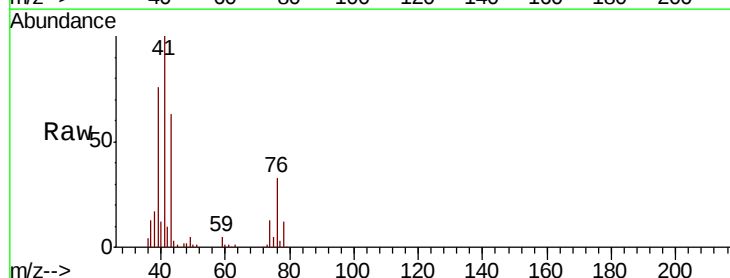
Tgt Ion: 41 Resp: 265725

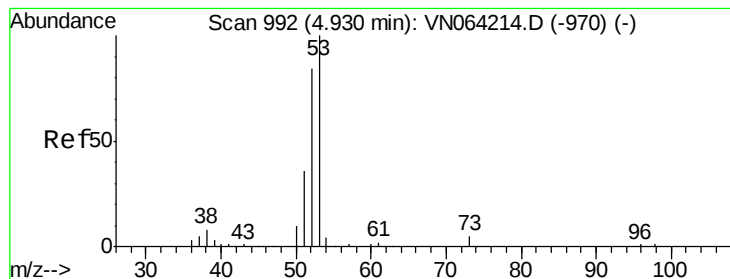
Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

76 31.0 24.5 36.7





#15

Acrylonitrile

Concen: 261.218 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

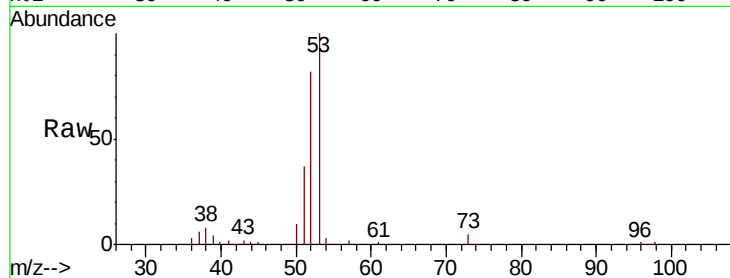
Tot Ion: 53 Resp: 299015

Ion Ratio Lower Upper

53 100

52 81.5 66.8 100.2

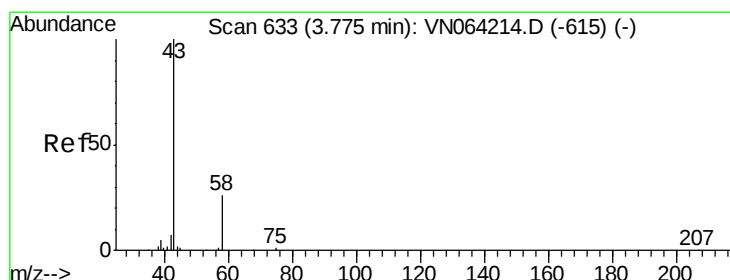
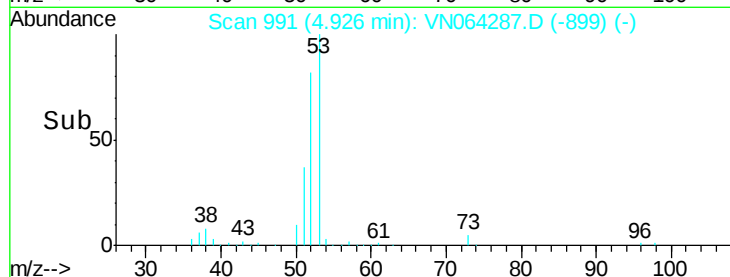
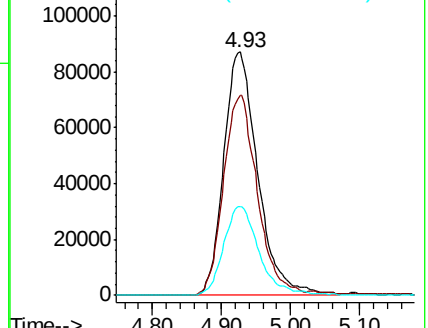
51 37.8 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VN064287.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064287.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064287.D (-899) (-)



#16

Acetone

Concen: 302.213 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064287.D

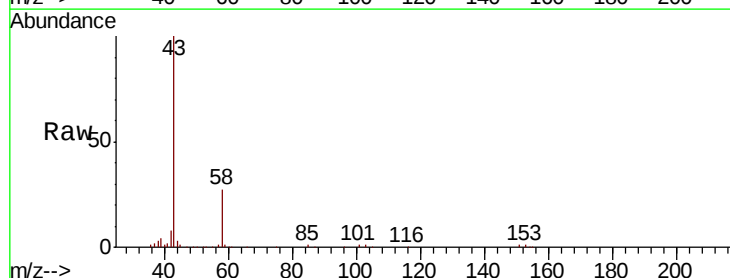
Acq: 23 Oct 2020 15:32

Tgt Ion: 43 Resp: 357597

Ion Ratio Lower Upper

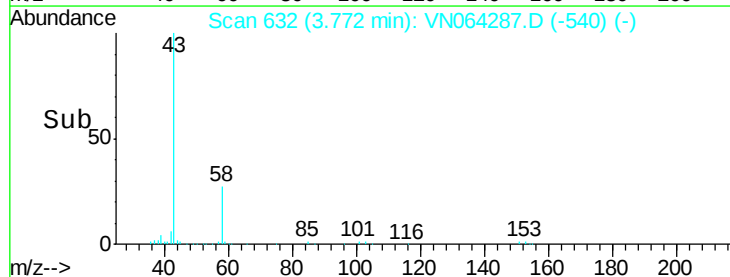
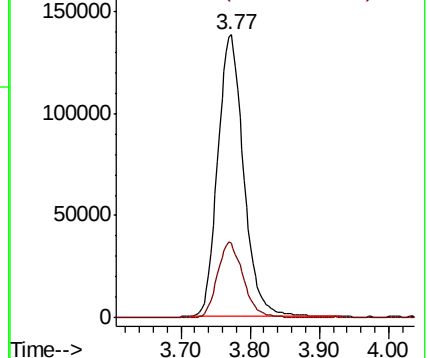
43 100

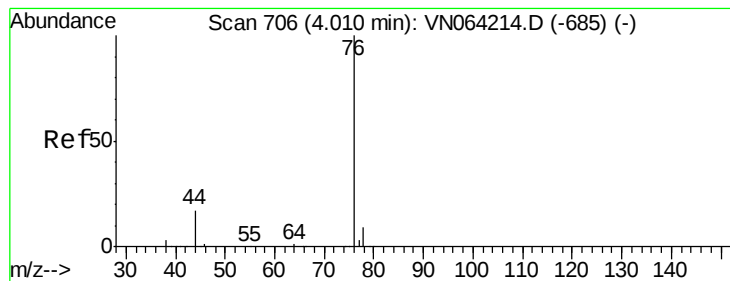
58 26.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN064287.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064287.D (-540) (-)





#17

Carbon Disulfide

Concen: 50.307 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

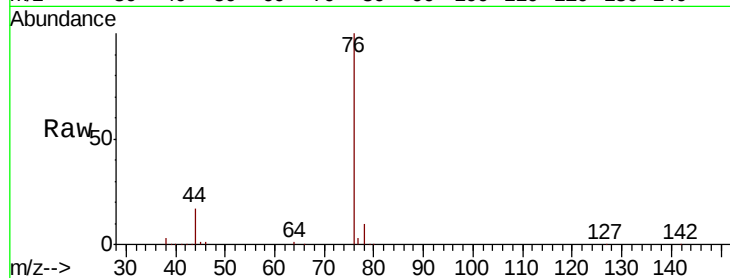
VSTDCCC050

Tot Ion: 76 Resp: 374518

Ion Ratio Lower Upper

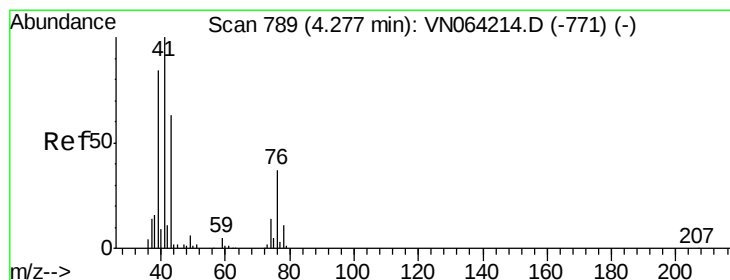
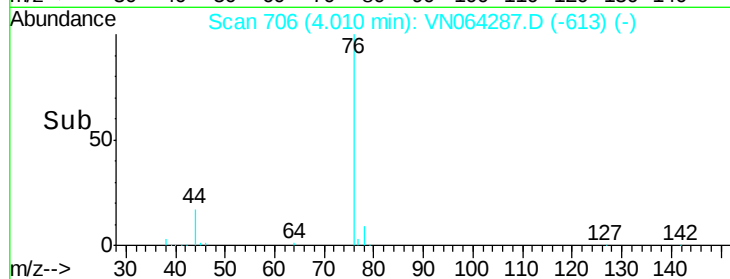
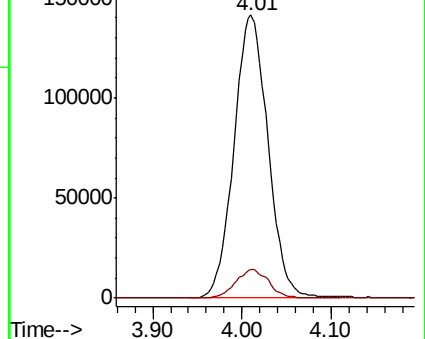
76 100

78 10.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN064287.D (-613) (-)

Ion 77.90 (77.60 to 78.60): VN064287.D (-613) (-)



#18

Methyl Acetate

Concen: 53.420 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064287.D

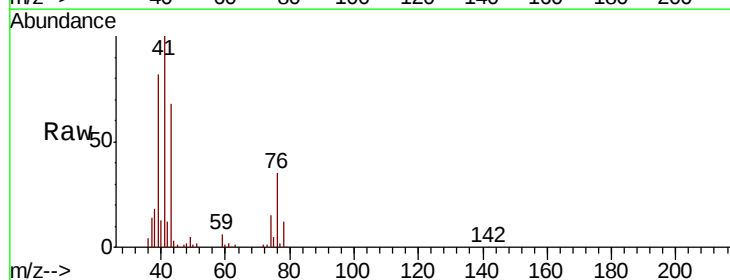
Acq: 23 Oct 2020 15:32

Tgt Ion: 43 Resp: 161071

Ion Ratio Lower Upper

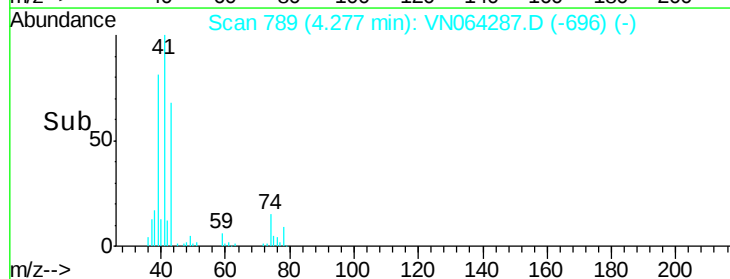
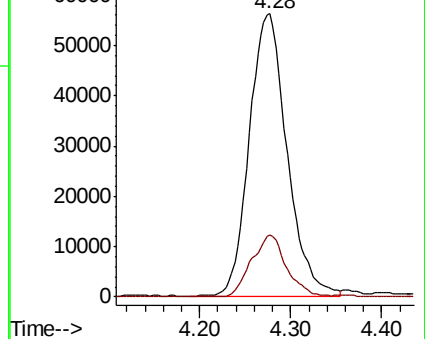
43 100

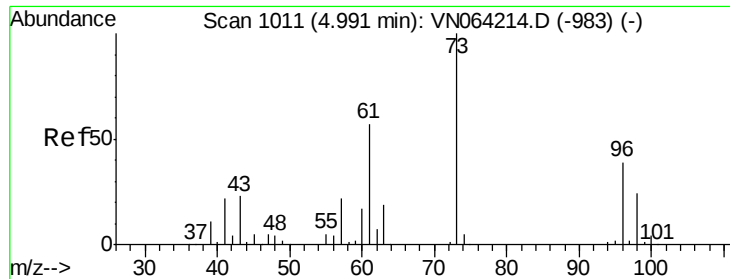
74 20.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN064287.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN064287.D (-696) (-)

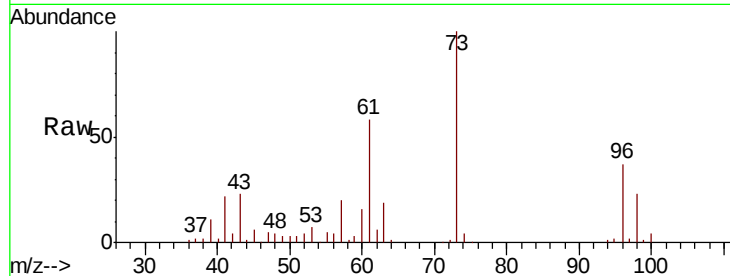




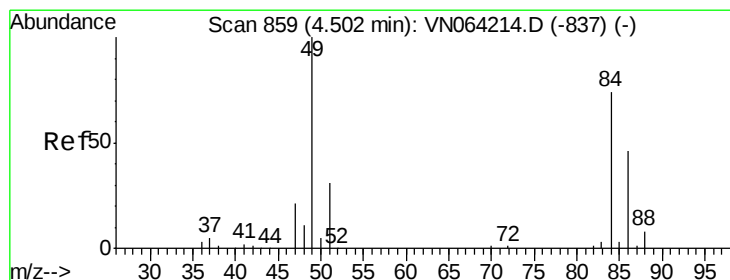
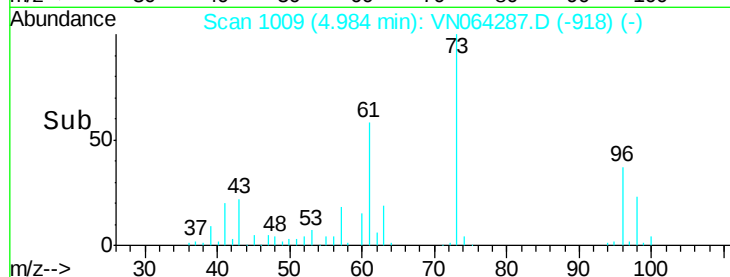
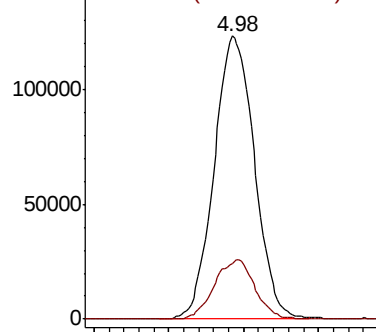
#19
Methvl tert-butvl Ether
Concen: 51.486 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 461965
Ion Ratio Lower Upper
73 100
57 19.7 18.0 27.0

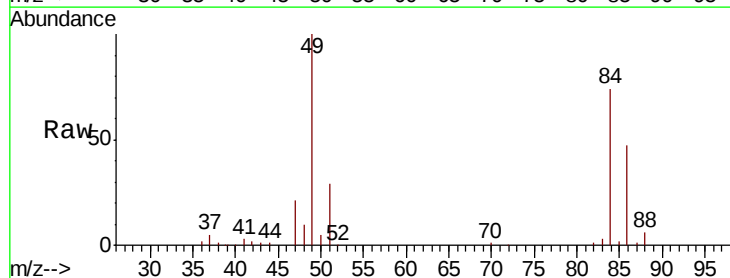


Abundance Ion 73.00 (72.70 to 73.70): VNO
Ion 57.00 (56.70 to 57.70): VNO

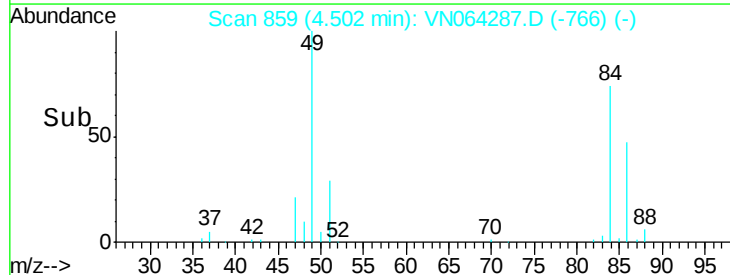
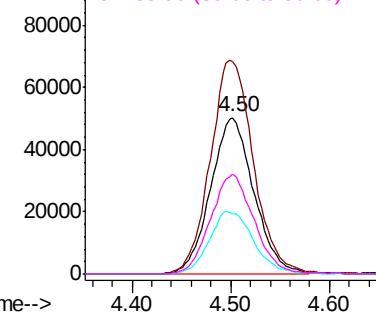


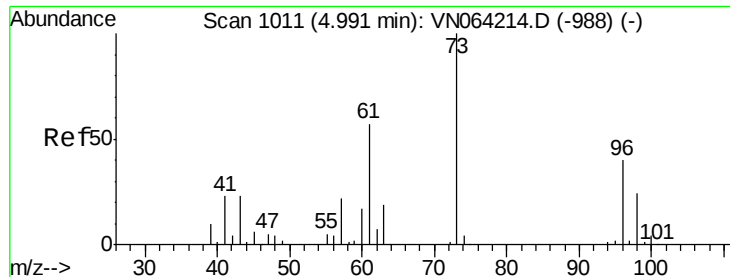
#20
Methylene Chloride
Concen: 48.284 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 84 Resp: 152347
Ion Ratio Lower Upper
84 100
49 135.3 108.5 162.7
51 38.7 33.8 50.8
86 63.8 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 51.213 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

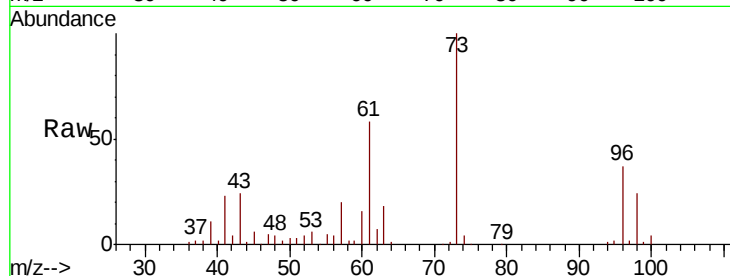
Tot Ion: 96 Resp: 147388

Ion Ratio Lower Upper

96 100

61 155.1 115.8 173.6

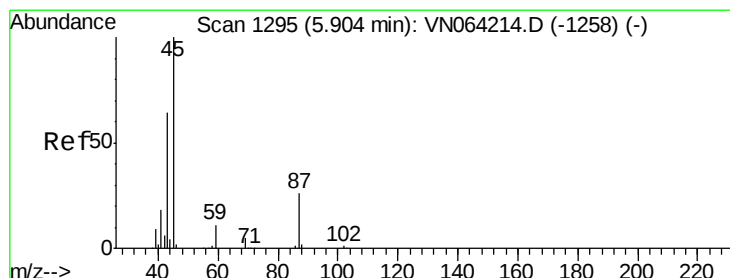
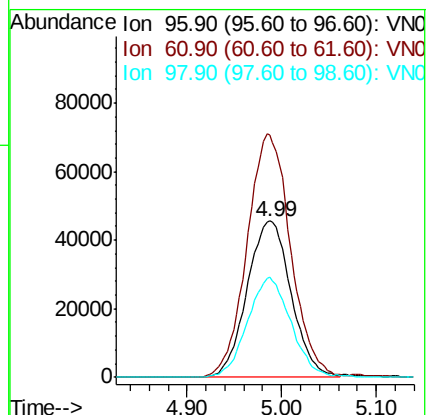
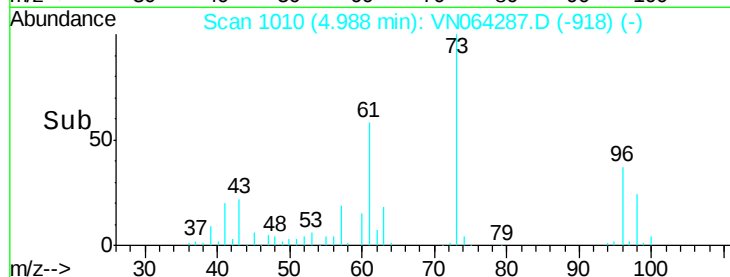
98 63.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN064287.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN064287.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN064287.D (-918) (-)



#22

Diisopropyl ether

Concen: 50.156 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Tgt Ion: 45 Resp: 487035

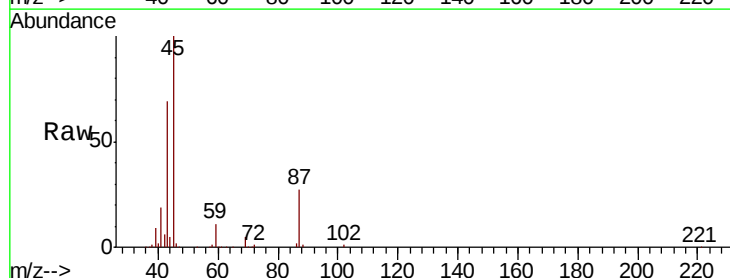
Ion Ratio Lower Upper

45 100

43 67.1 52.2 78.4

87 26.6 21.4 32.0

59 11.1 8.3 12.5

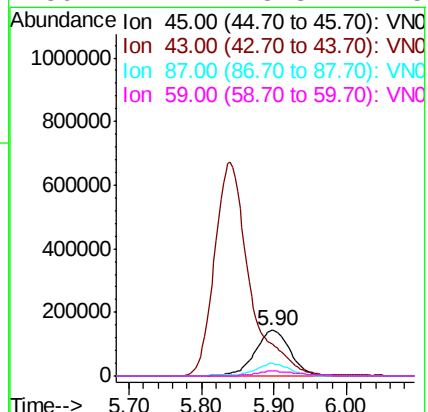
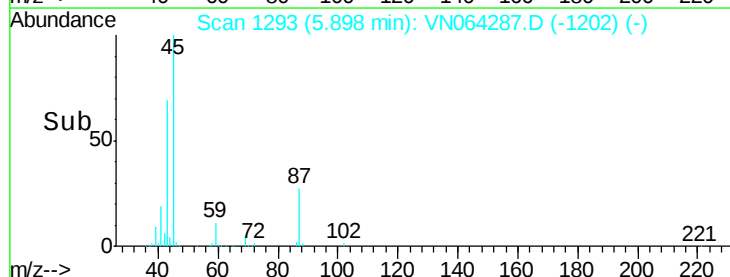


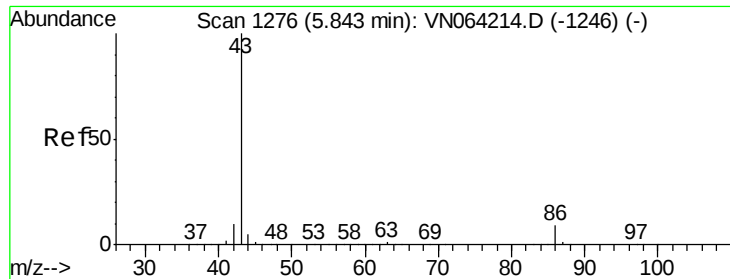
Abundance Ion 45.00 (44.70 to 45.70): VN064287.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064287.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064287.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064287.D (-1202) (-)

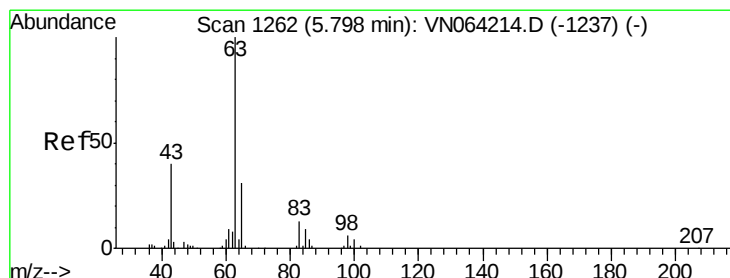
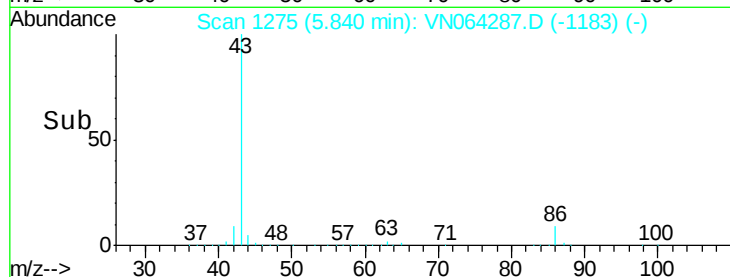
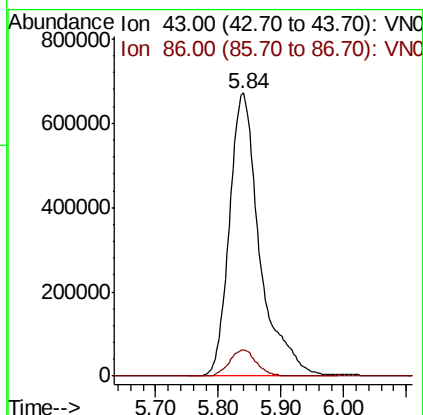
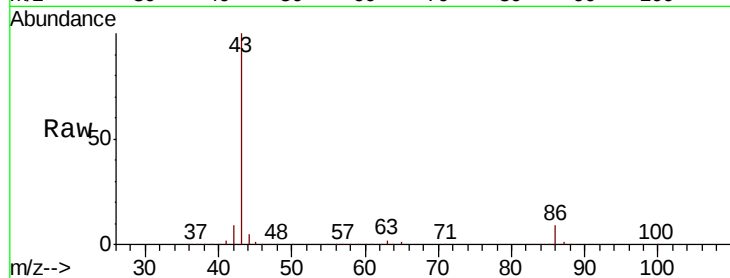




#23
 Vinyl Acetate
 Concen: 260.694 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

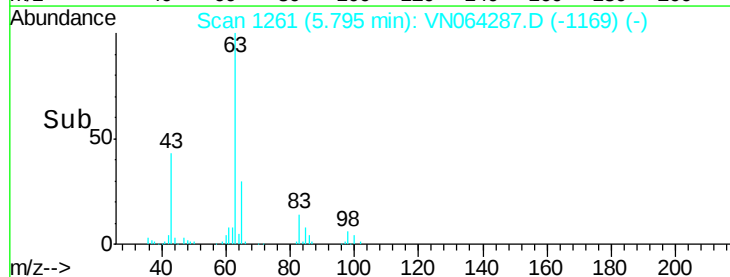
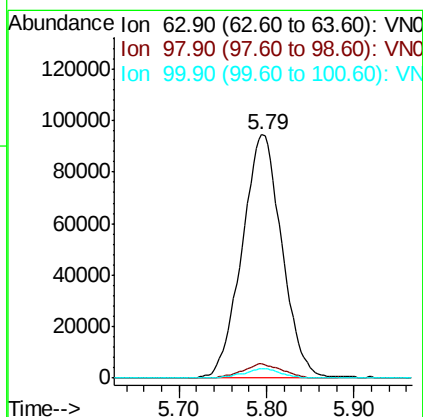
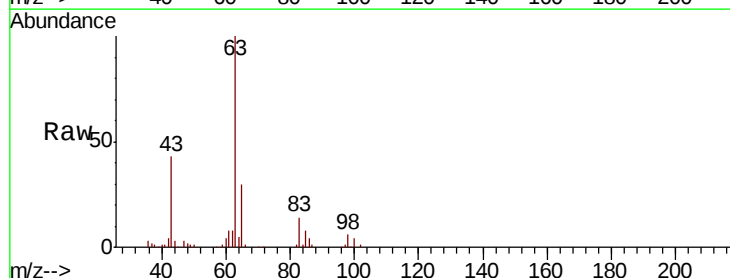
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

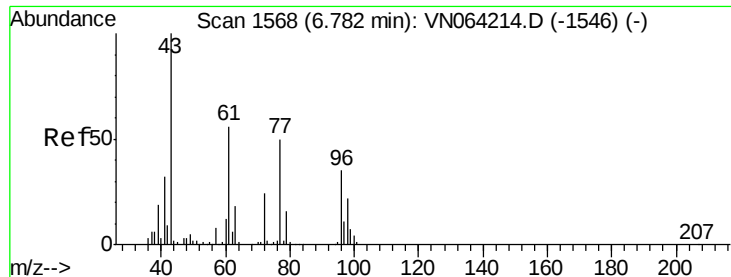
Tot Ion: 43 Resp: 2257551
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 52.988 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion: 63 Resp: 298075
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 271.375 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

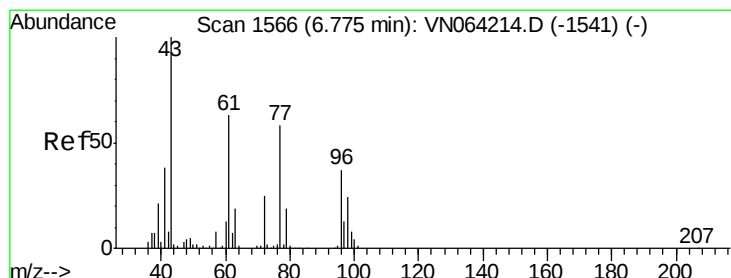
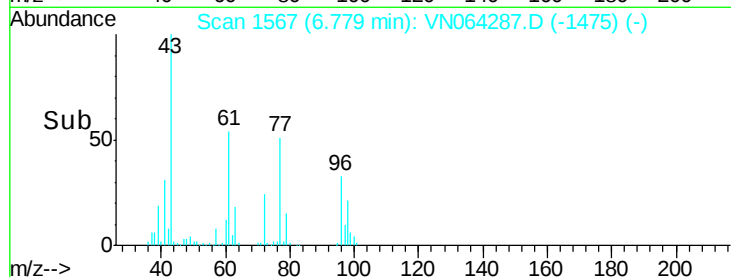
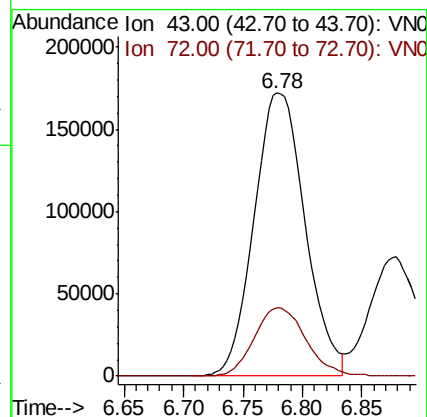
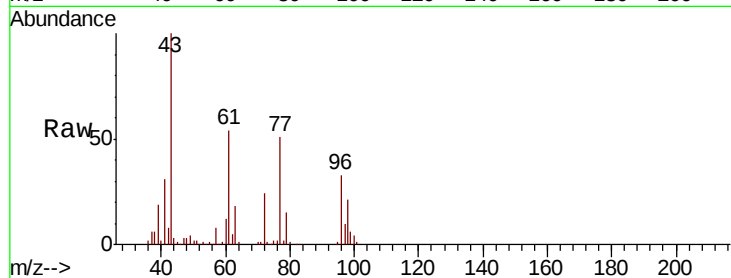
VSTDCCC050

Tot Ion: 43 Resp: 510165

Ion Ratio Lower Upper

43 100

72 24.1 19.4 29.0



#26

2,2-Dichloropropane

Concen: 50.751 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064287.D

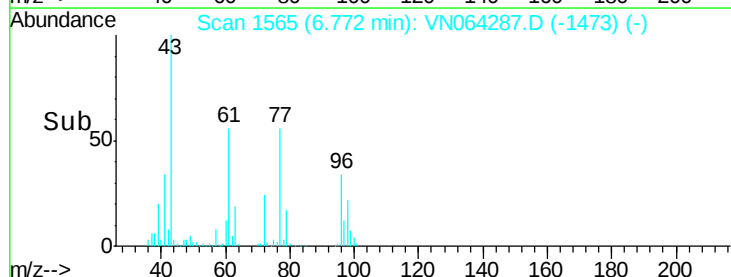
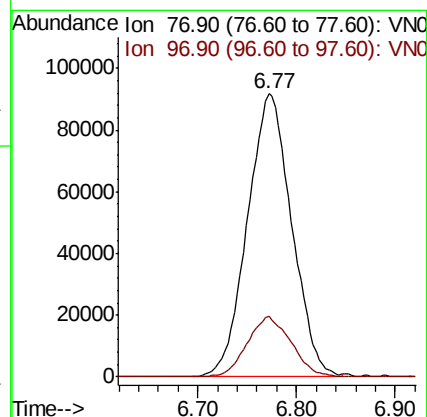
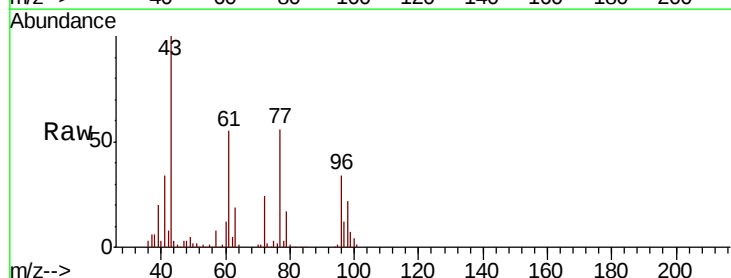
Acq: 23 Oct 2020 15:32

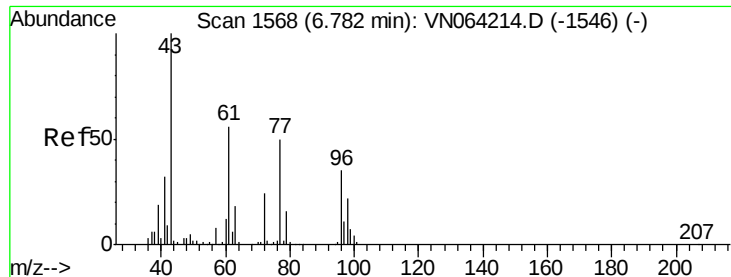
Tgt Ion: 77 Resp: 284218

Ion Ratio Lower Upper

77 100

97 21.2 10.4 31.4

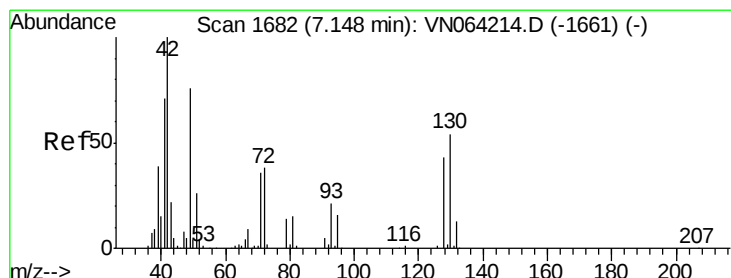
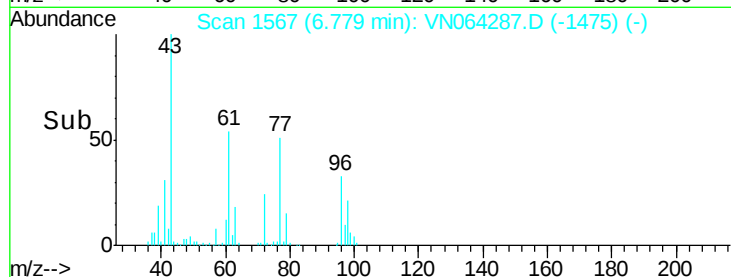
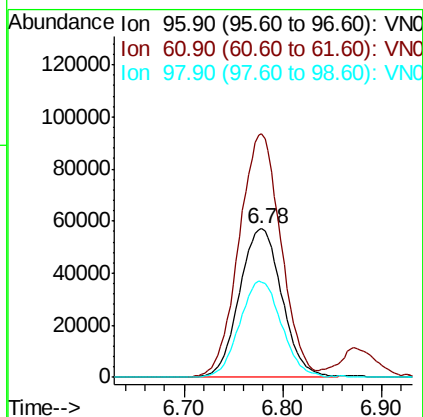
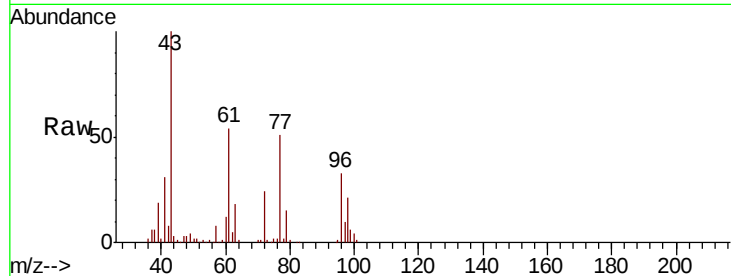




#27
 cis-1,2-Dichloroethene
 Concen: 50.816 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

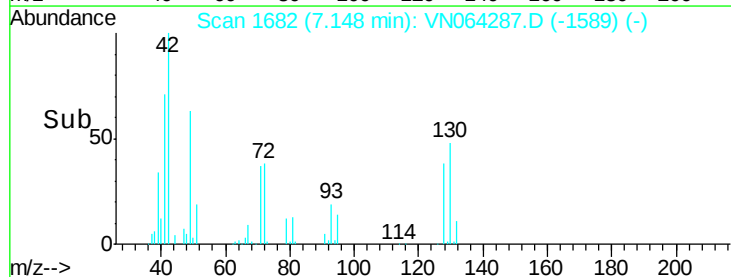
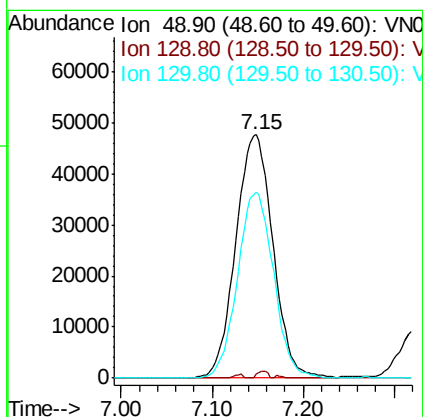
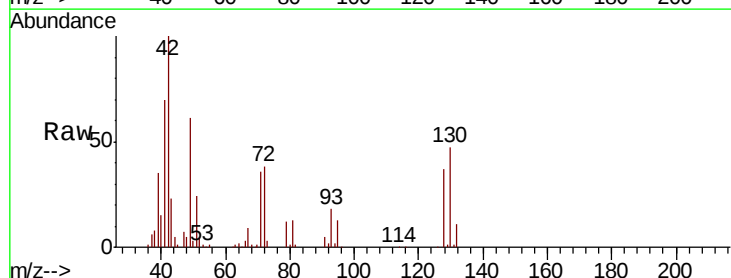
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

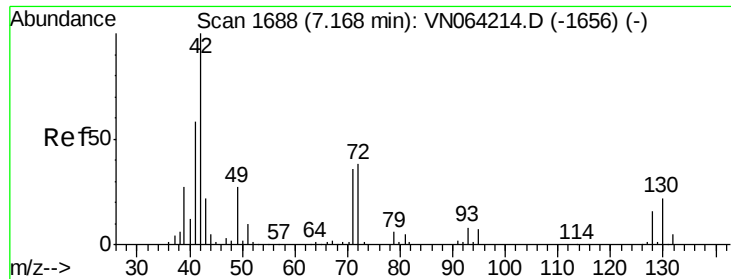
Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	0.0	330.0
98	64.0	0.0	130.6



#28
 Bromochloromethane
 Concen: 50.622 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.8
130	74.1	58.8	88.2

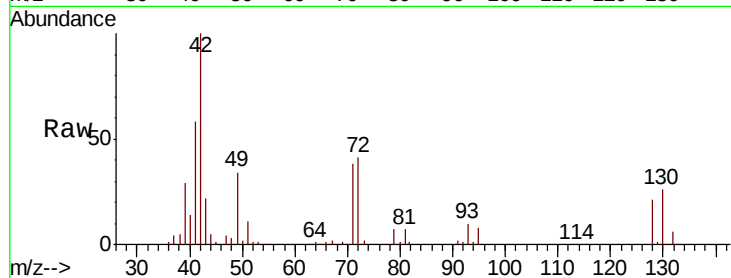




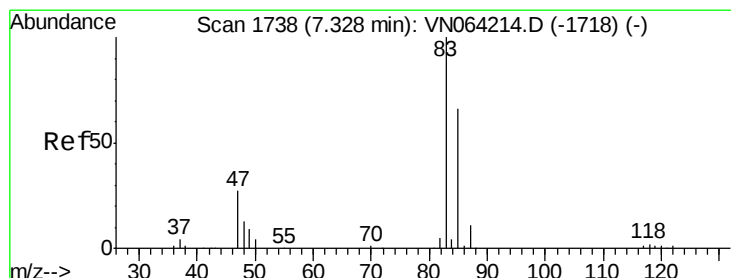
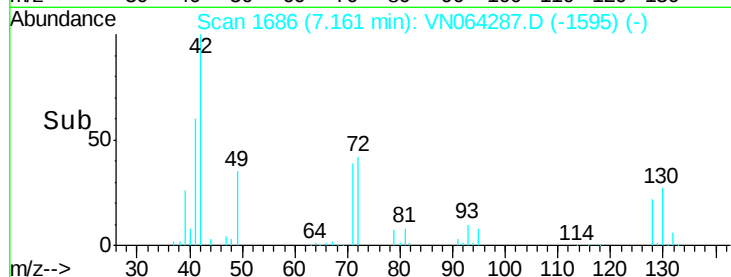
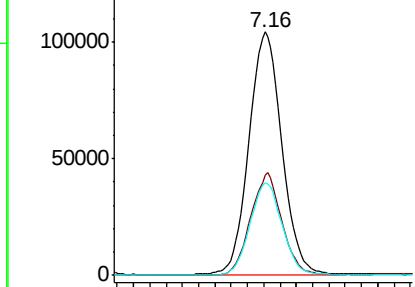
#29
Tetrahydrofuran
Concen: 260.093 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 292481
Ion Ratio Lower Upper
42 100
72 39.7 30.8 46.2
71 37.0 29.0 43.6

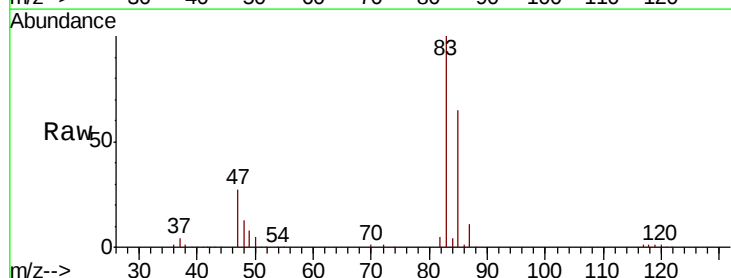


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

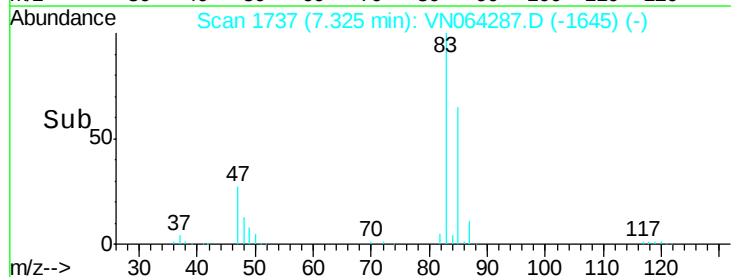
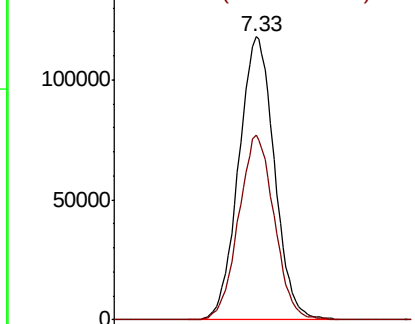


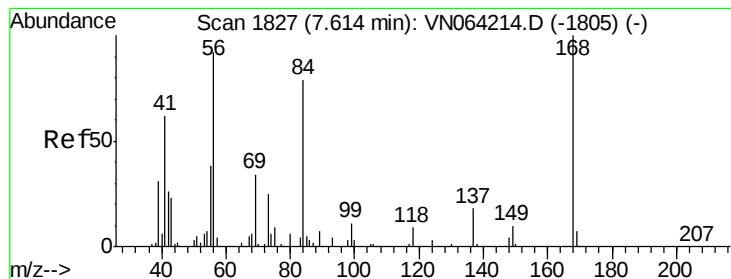
#30
Chloroform
Concen: 51.517 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 83 Resp: 309123
Ion Ratio Lower Upper
83 100
85 65.3 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.813 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

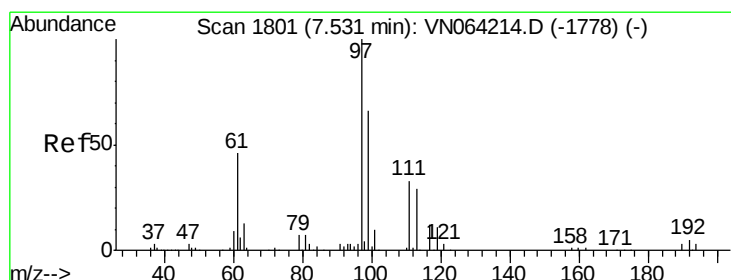
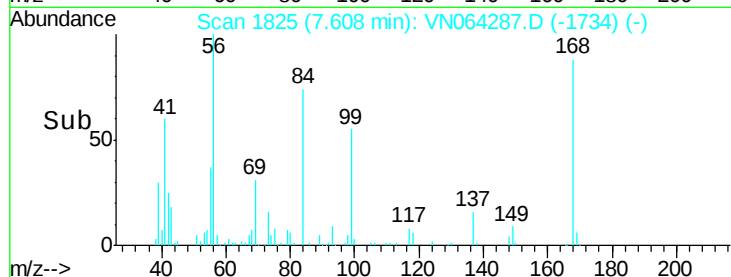
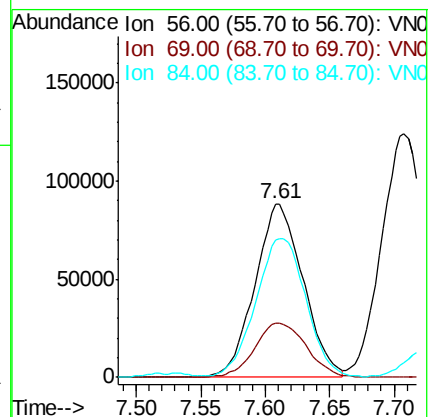
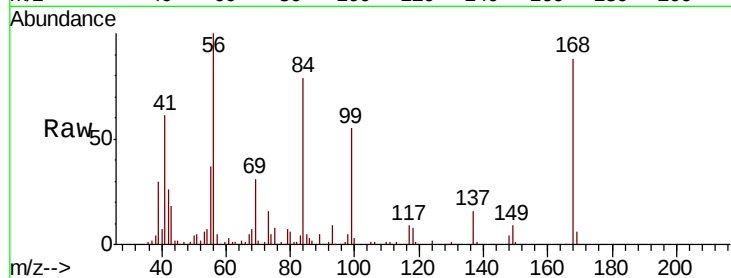
Tot Ion: 56 Resp: 229494

Ion Ratio Lower Upper

56 100

69 31.0 29.8 44.6

84 77.6 68.1 102.1



#32

1,1,1-Trichloroethane

Concen: 51.874 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.01 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

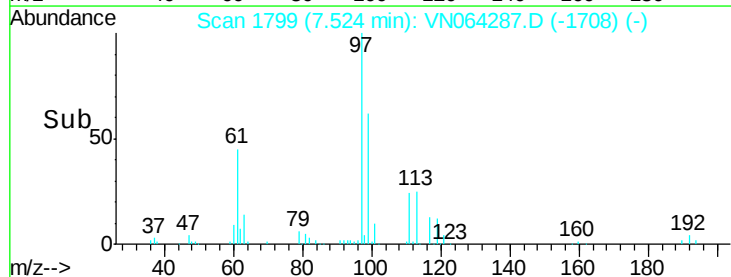
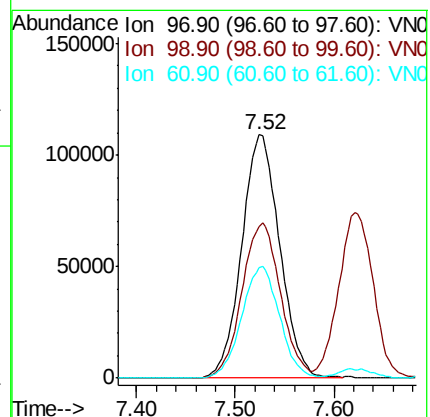
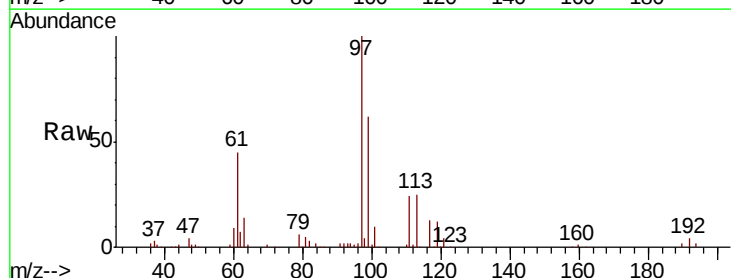
Tgt Ion: 97 Resp: 291592

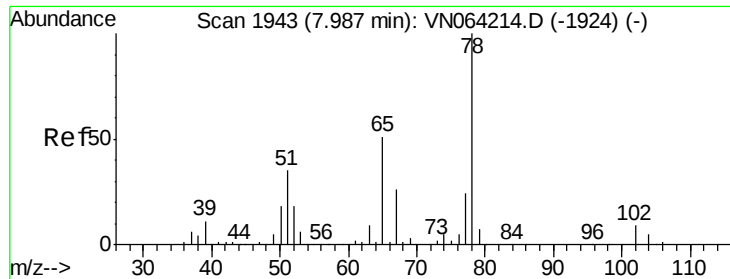
Ion Ratio Lower Upper

97 100

99 64.6 51.2 76.8

61 45.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.763 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

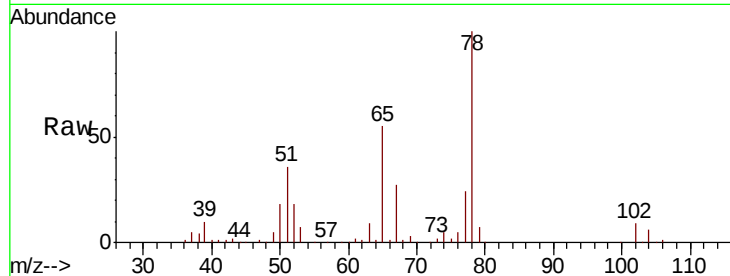
VSTDCCC050

Tot Ion: 65 Resp: 201658

Ion Ratio Lower Upper

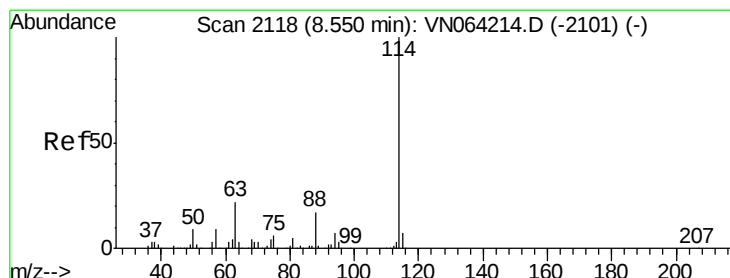
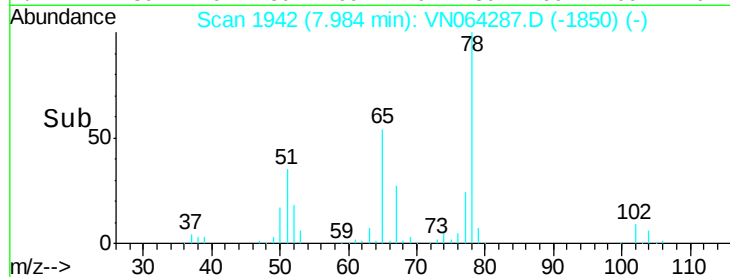
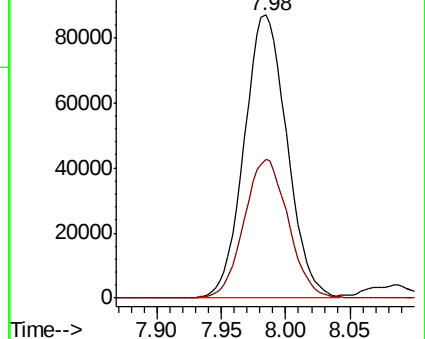
65 100

67 50.4 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN064287.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064287.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

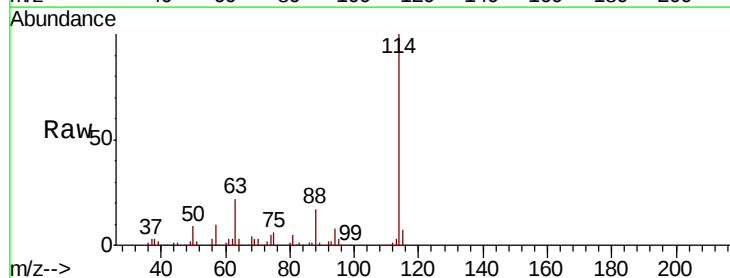
Tgt Ion: 114 Resp: 451647

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

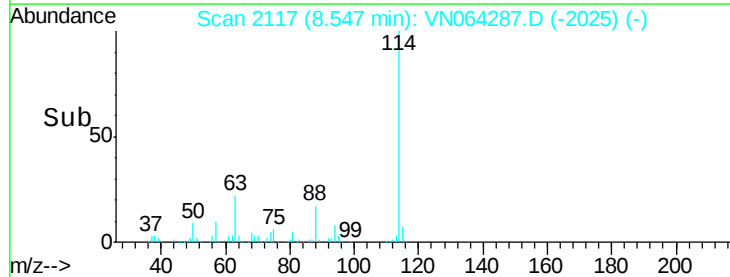
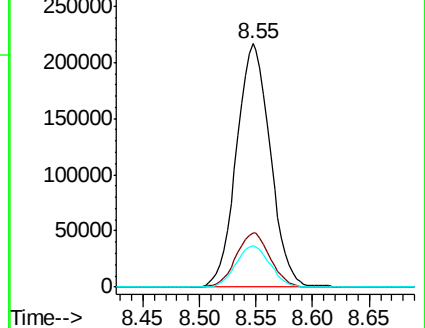
88 17.0 0.0 34.2

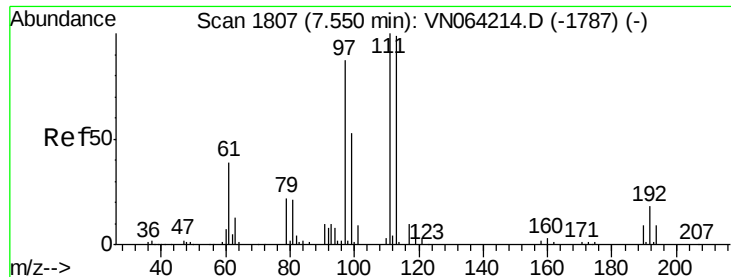


Abundance Ion 113.90 (113.60 to 114.60): VN064287.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064287.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064287.D (-2025) (-)





#35

Dibromofluoromethane

Concen: 50.590 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

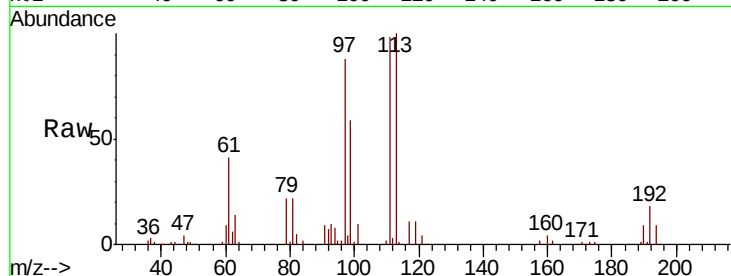
Tot Ion:113 Resp: 151909

Ion Ratio Lower Upper

113 100

111 99.4 84.2 126.2

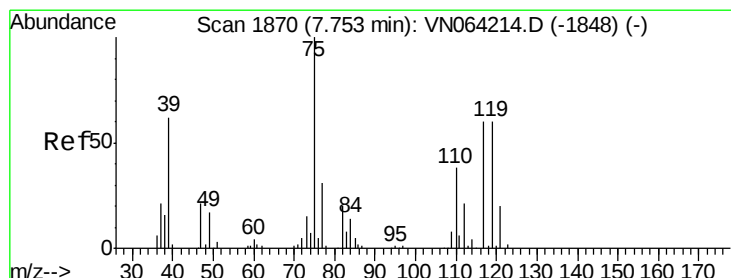
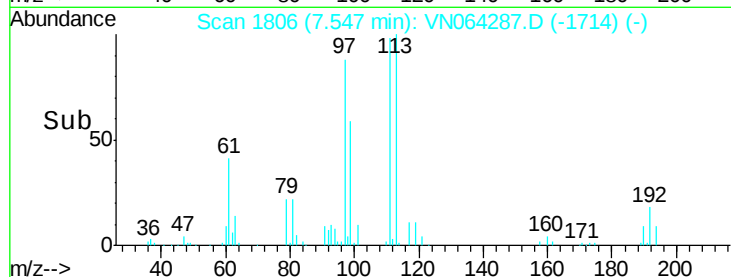
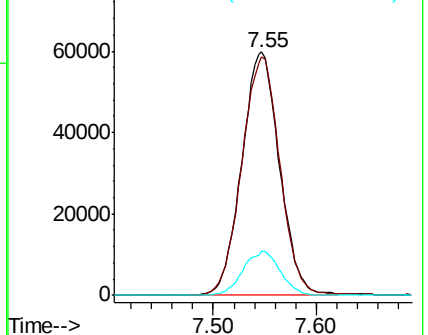
192 17.9 15.2 22.8



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: 51.470 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

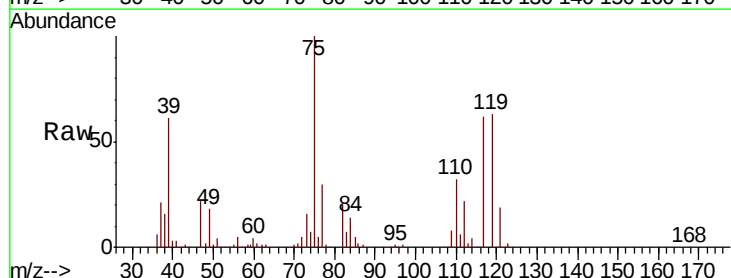
Tgt Ion: 75 Resp: 231753

Ion Ratio Lower Upper

75 100

110 32.9 17.2 51.6

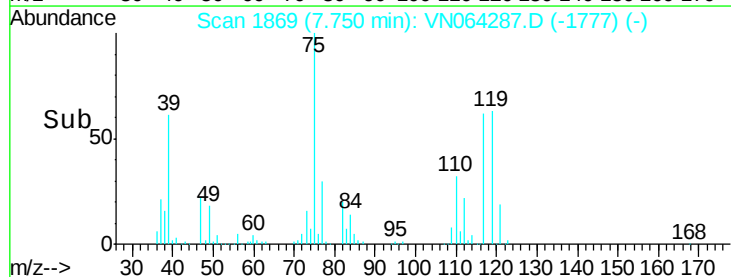
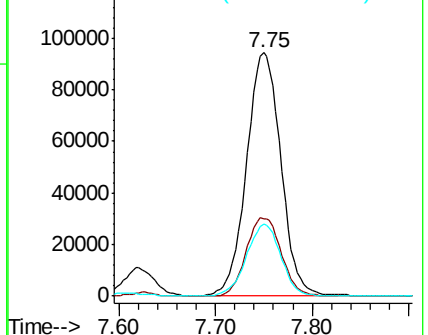
77 30.1 24.9 37.3

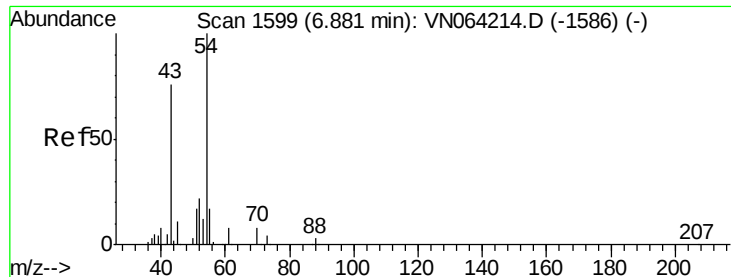


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

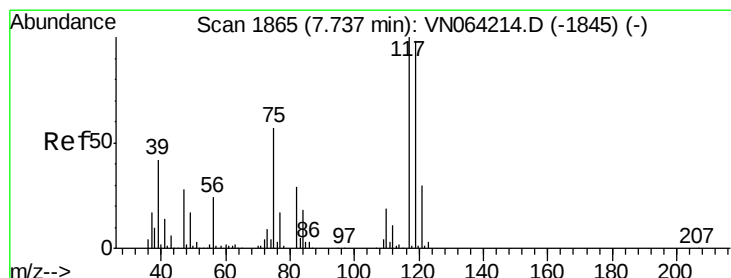
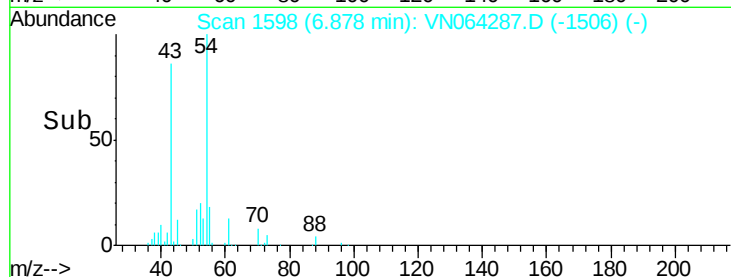
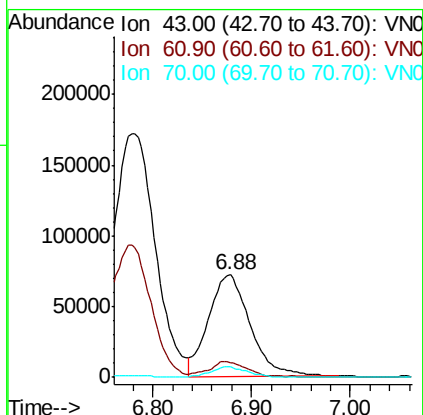
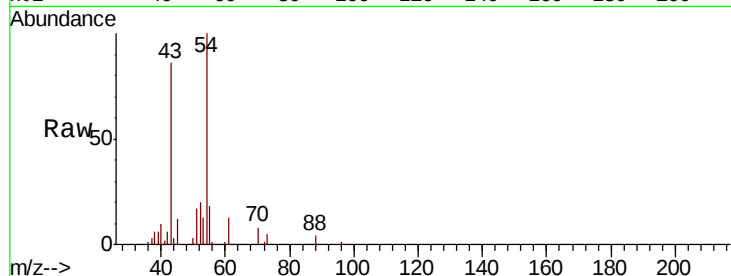




#37
Ethyl Acetate
Concen: 51.963 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

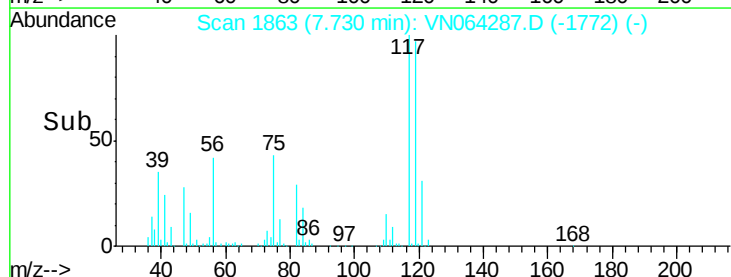
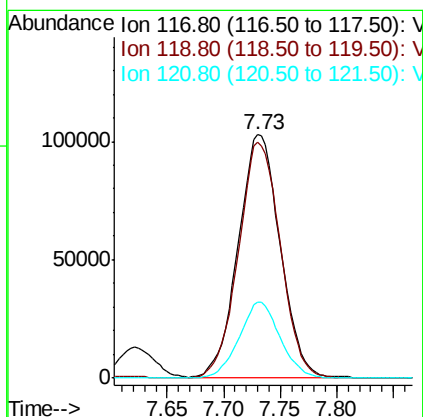
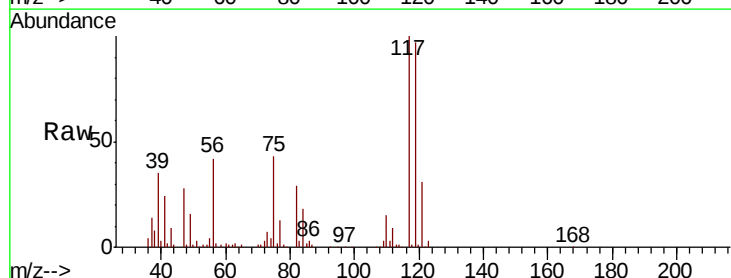
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

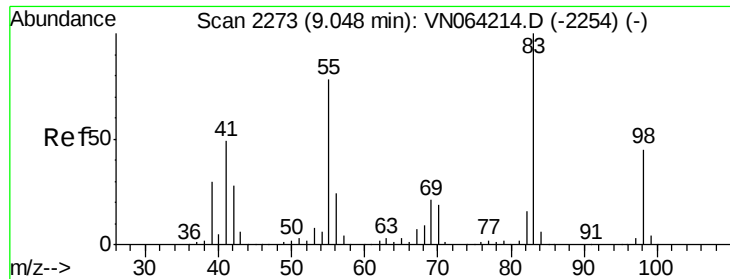
Tot Ion: 43 Resp: 212433
Ion Ratio Lower Upper
43 100
61 13.0 10.0 15.0
70 9.4 7.5 11.3



#38
Carbon Tetrachloride
Concen: 51.425 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 117 Resp: 263451
Ion Ratio Lower Upper
117 100
119 96.8 78.5 117.7
121 31.3 24.3 36.5

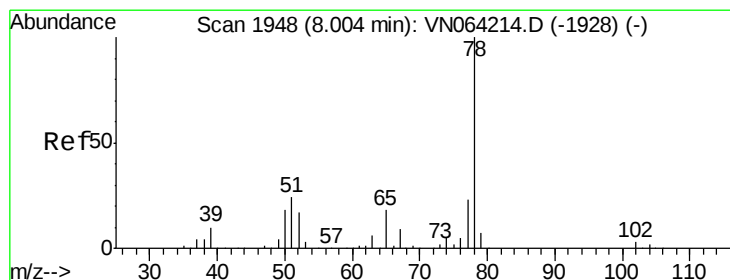
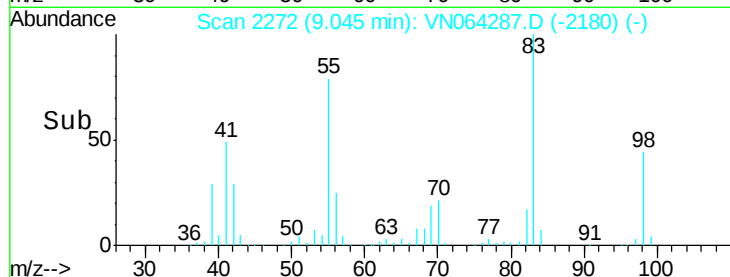
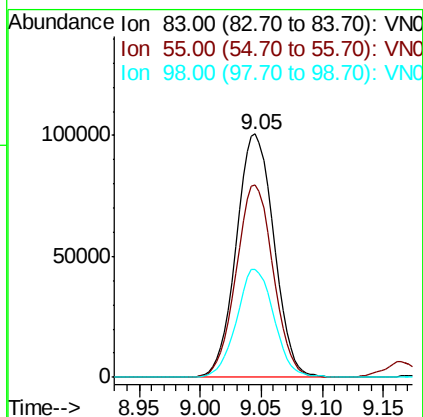
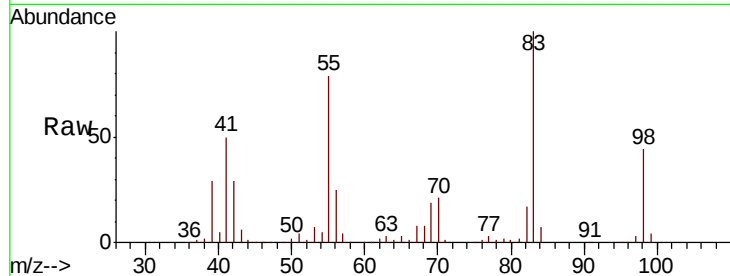




#39
Methvlcvclohexane
Concen: 52.674 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

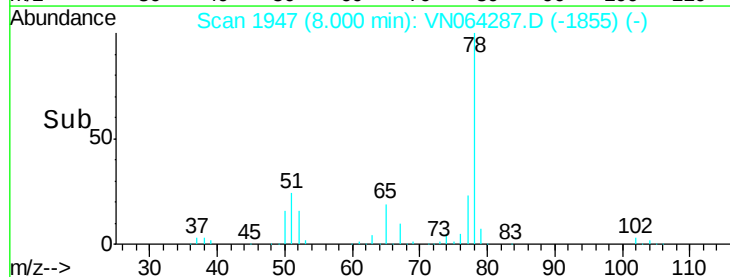
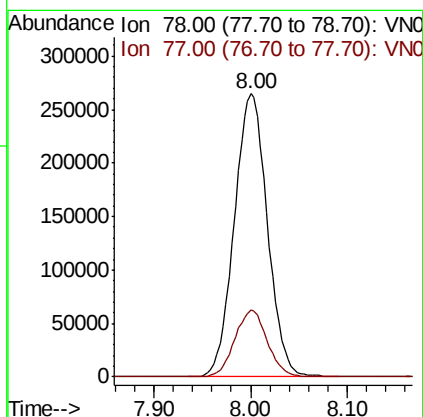
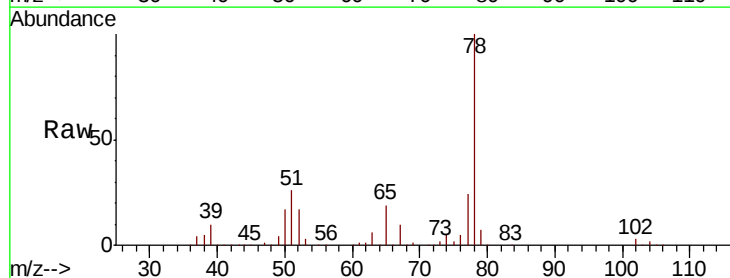
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

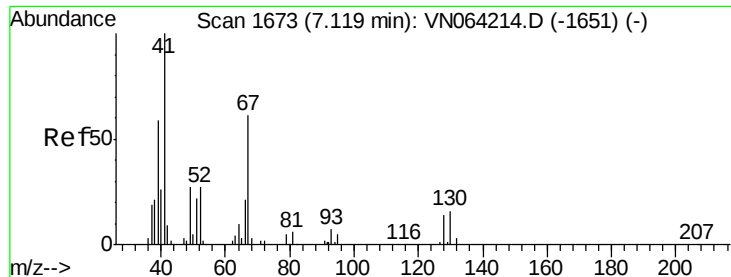
Tot Ion: 83 Resp: 215661
Ion Ratio Lower Upper
83 100
55 78.9 62.2 93.2
98 44.2 35.9 53.9



#40
Benzene
Concen: 50.565 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 78 Resp: 628495
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5

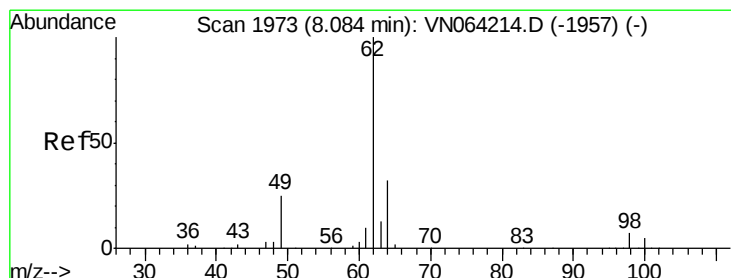
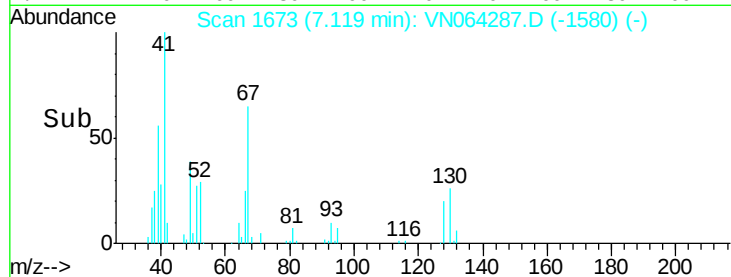
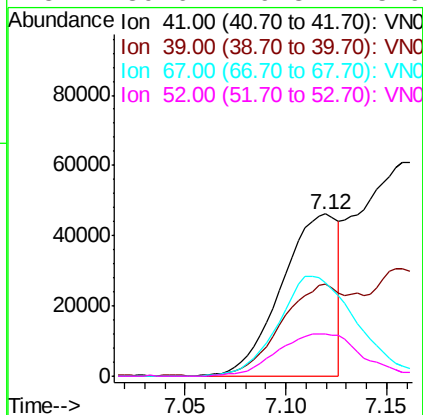
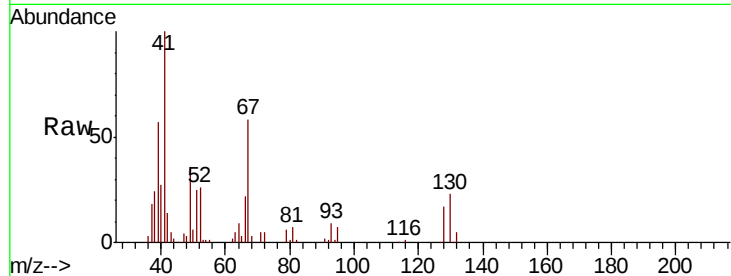




#41
Methacrylonitrile
Concen: 41.769 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

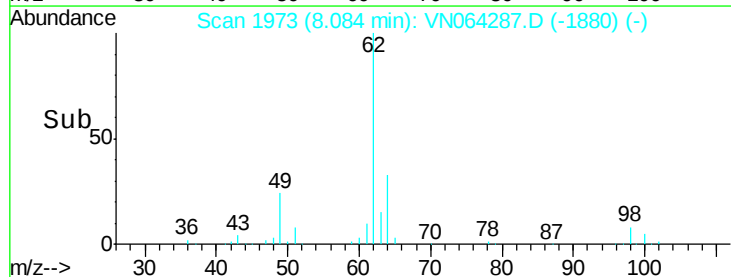
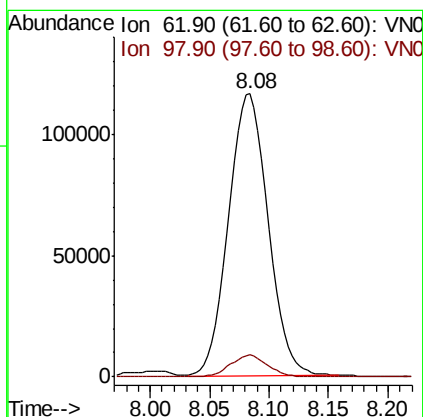
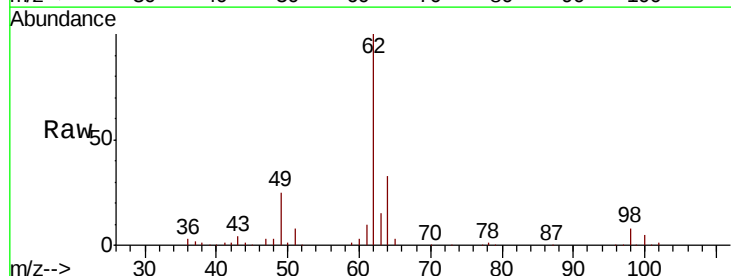
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

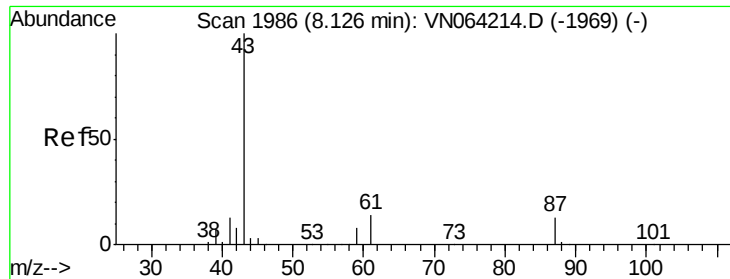
Tot Ion:	41	Resp:	89574
Ion	Ratio	Lower	Upper
41	100		
39	61.4	50.5	75.7
67	86.2	63.2	94.8
52	39.6	29.3	43.9



#42
1,2-Dichloroethane
Concen: 50.611 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion:	62	Resp:	269480
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.0





#43

Isopropyl Acetate

Concen: 50.726 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

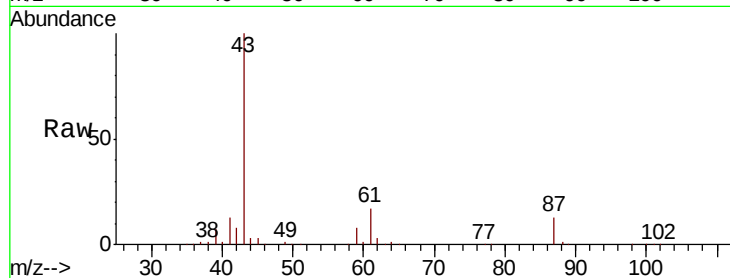
Tot Ion: 43 Resp: 386480

Ion Ratio Lower Upper

43 100

61 17.2 19.6 29.4#

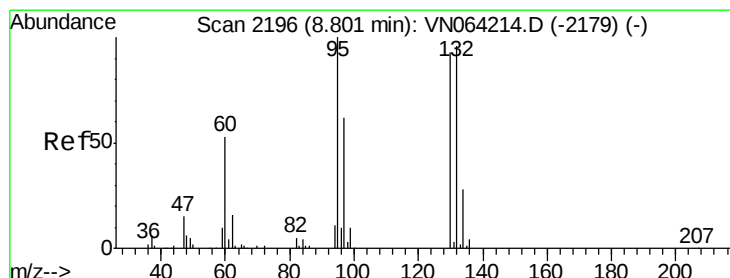
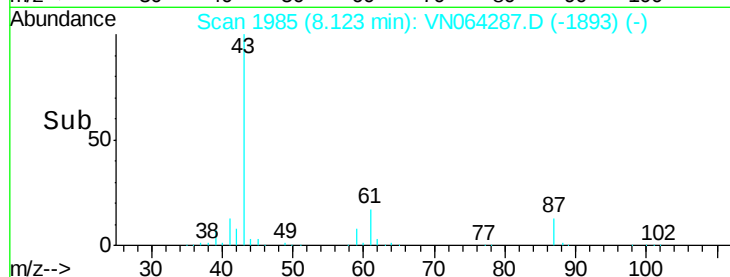
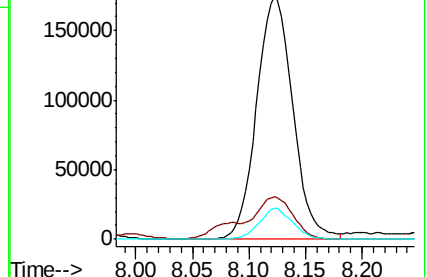
87 11.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN064287.D (-1983) (-)

Ion 61.00 (60.70 to 61.70): VN064287.D (-1983) (-)

Ion 87.00 (86.70 to 87.70): VN064287.D (-1983) (-)



#44

Trichloroethene

Concen: 51.145 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064287.D

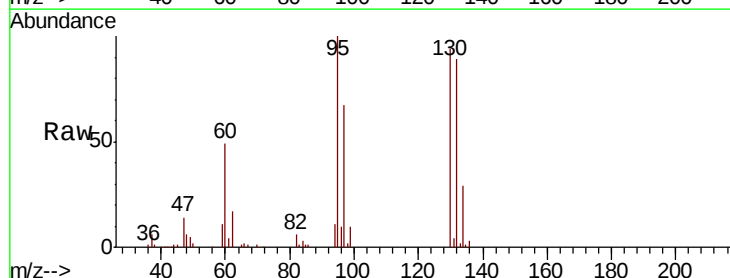
Acq: 23 Oct 2020 15:32

Tgt Ion:130 Resp: 173227

Ion Ratio Lower Upper

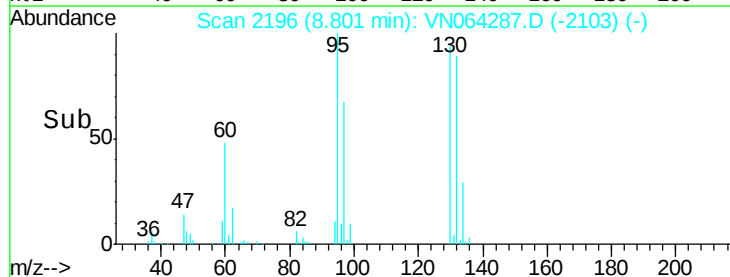
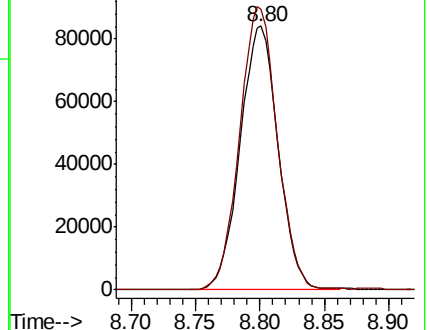
130 100

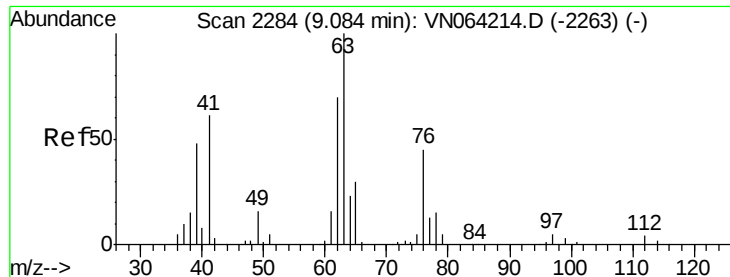
95 106.3 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): VN064287.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064287.D (-2103) (-)

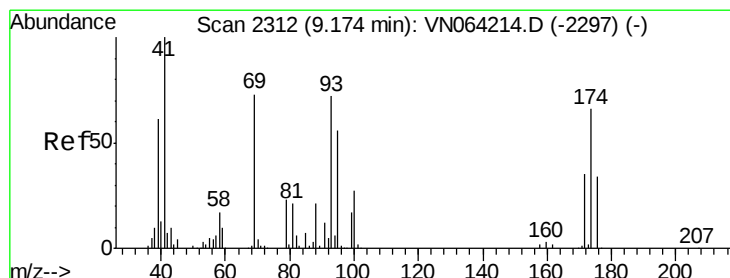
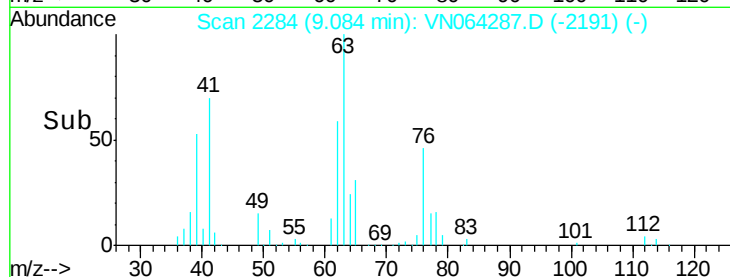
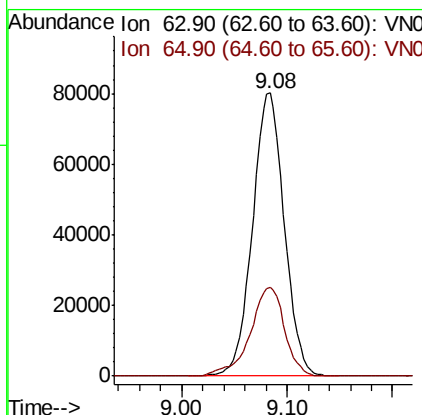
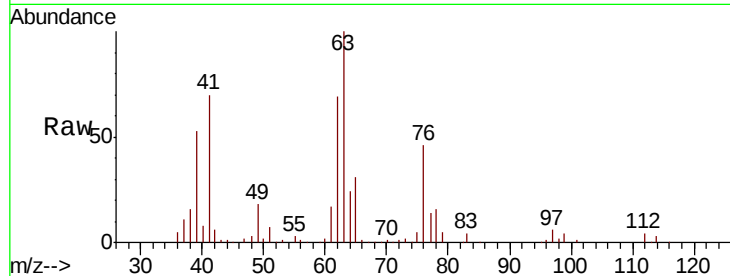




#45
 1,2-Dichloropropane
 Concen: 50.737 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

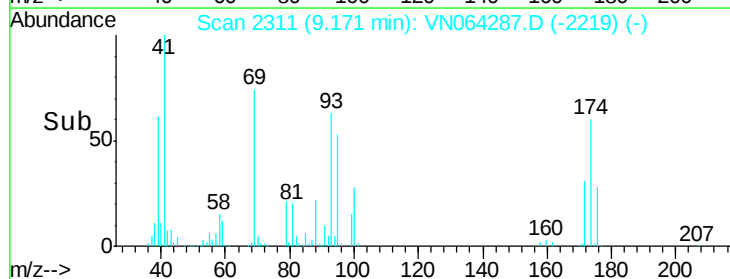
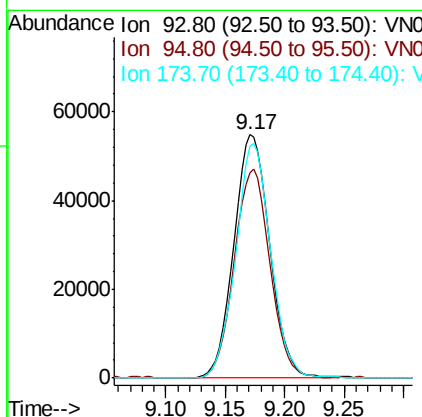
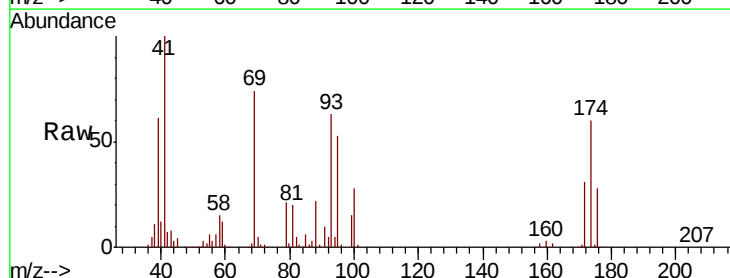
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

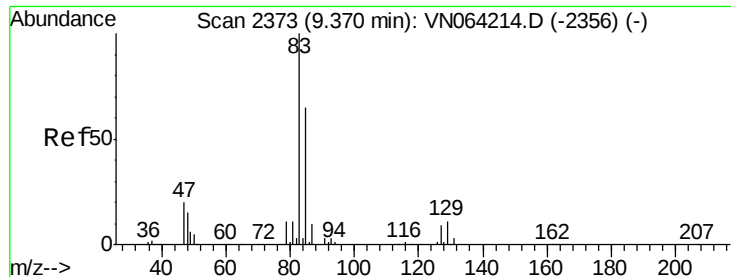
Tot Ion: 63 Resp: 168354
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.0 36.0



#46
 Dibromomethane
 Concen: 51.476 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion: 93 Resp: 114692
 Ion Ratio Lower Upper
 93 100
 95 85.5 63.0 94.4
 174 93.8 72.9 109.3





#47

Bromodichloromethane

Concen: 52.188 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

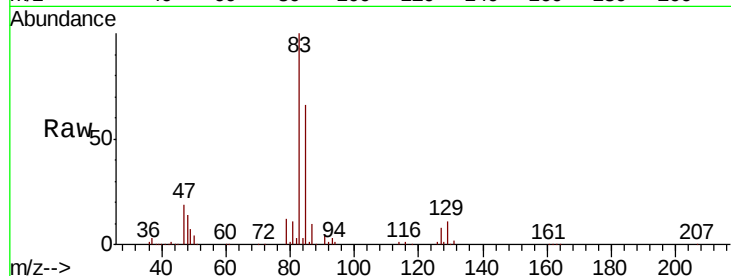
Tot Ion: 83 Resp: 256894

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

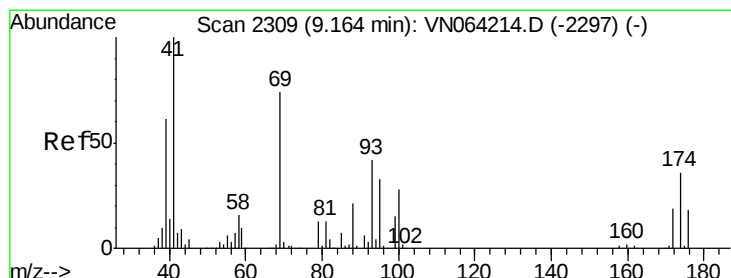
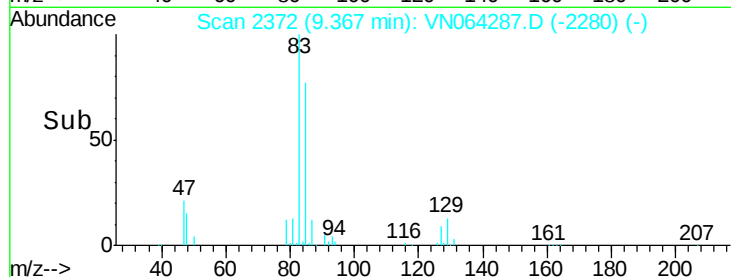
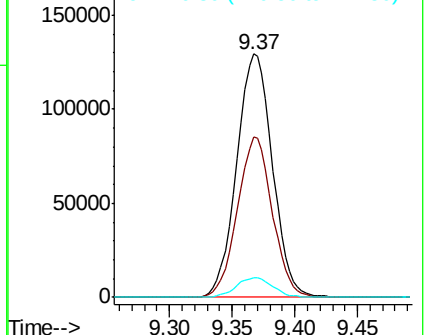
127 7.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064287.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064287.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064287.D (-2280) (-)



#48

Methyl methacrylate

Concen: 48.778 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

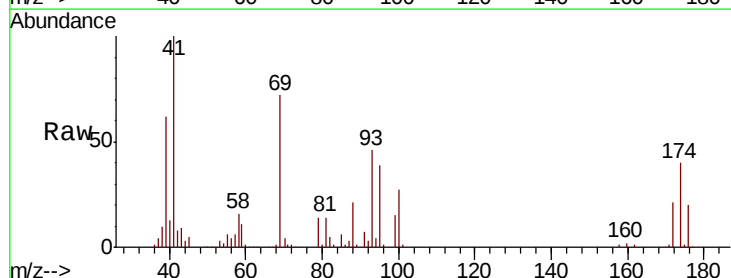
Tgt Ion: 41 Resp: 194139

Ion Ratio Lower Upper

41 100

69 72.4 57.3 85.9

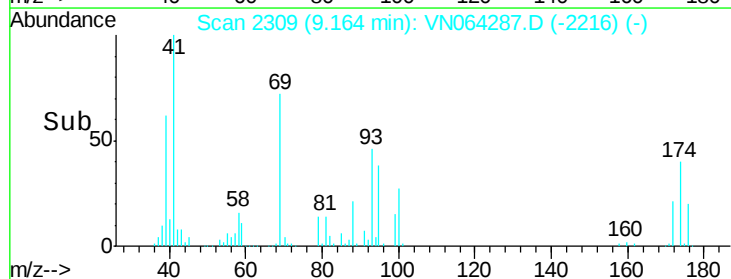
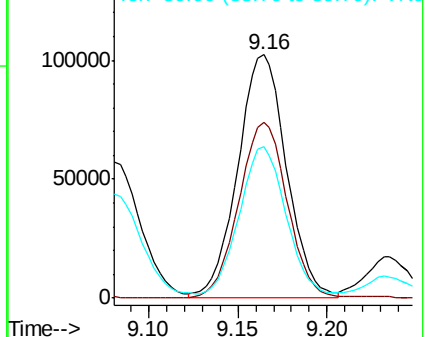
39 61.0 48.6 73.0

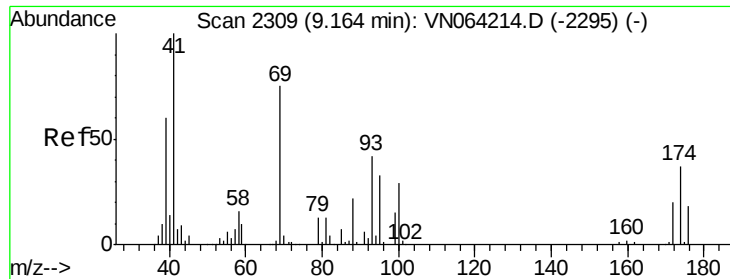


Abundance Ion 41.00 (40.70 to 41.70): VN064287.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064287.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064287.D (-2216) (-)





#49

1,4-Dioxane

Concen: 990.250 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

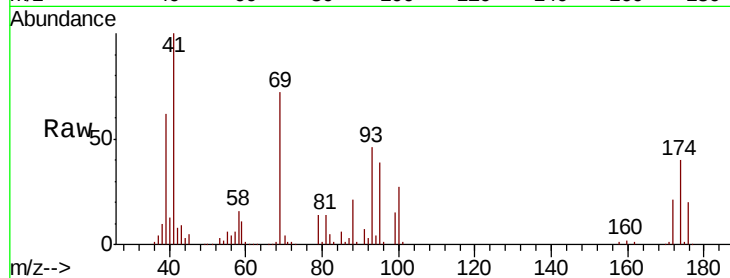
Tot Ion: 88 Resp: 46114

Ion Ratio Lower Upper

88 100

43 36.9 34.6 52.0

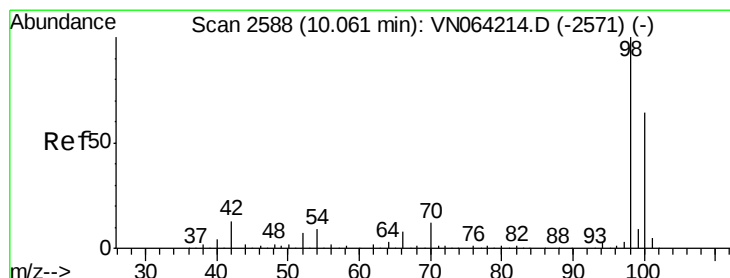
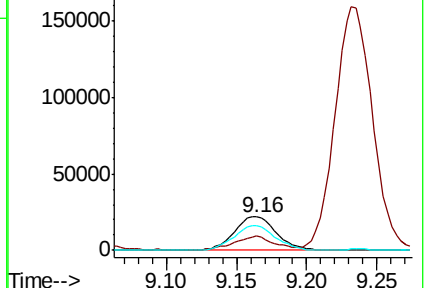
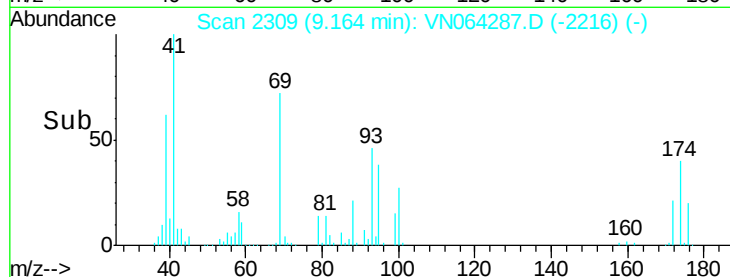
58 73.1 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VN064287.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064287.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064287.D (-2216) (-)



#50

Toluene-d8

Concen: 50.081 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064287.D

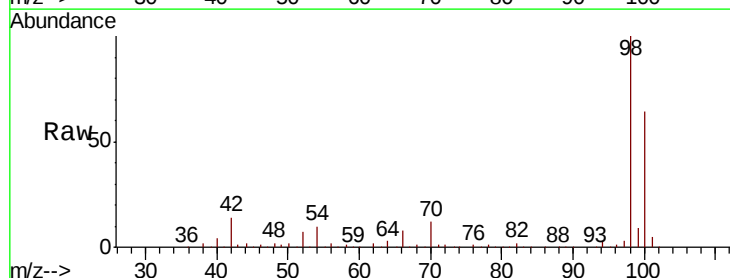
Acq: 23 Oct 2020 15:32

Tgt Ion: 98 Resp: 545507

Ion Ratio Lower Upper

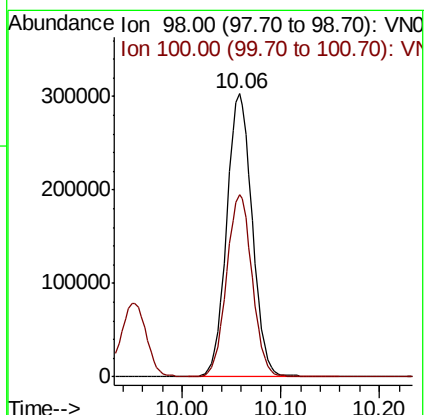
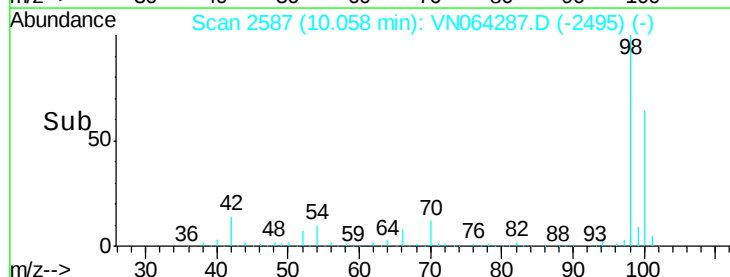
98 100

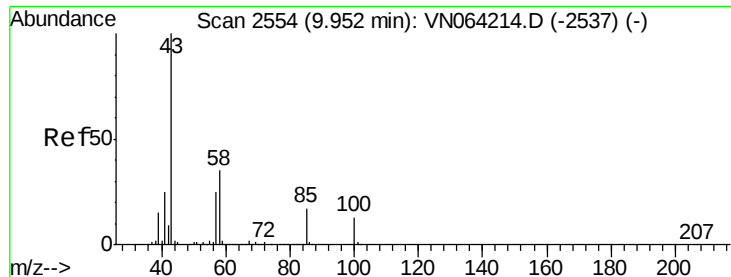
100 64.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064287.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN064287.D (-2495) (-)

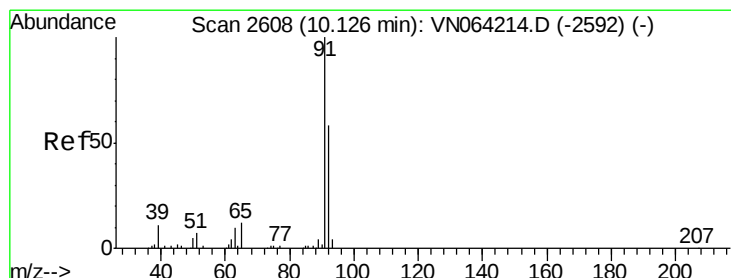
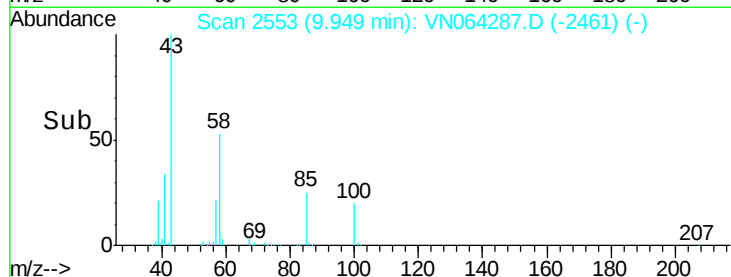
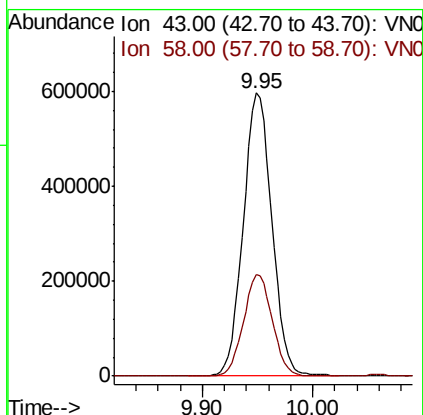
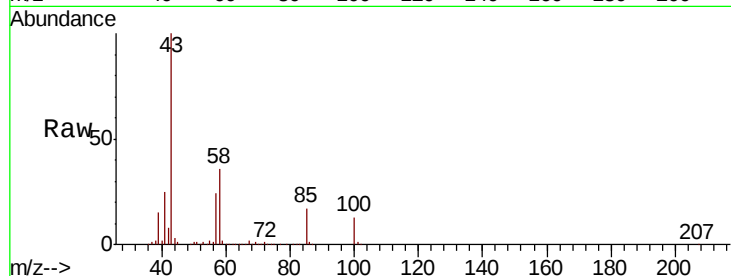




#51
 4-Methyl-2-Pentanone
 Concen: 262.769 ug/l
 RT: 9.95 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

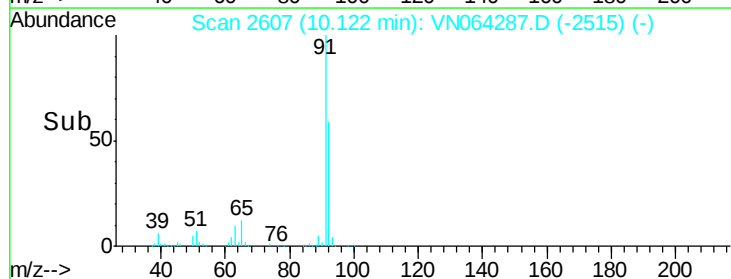
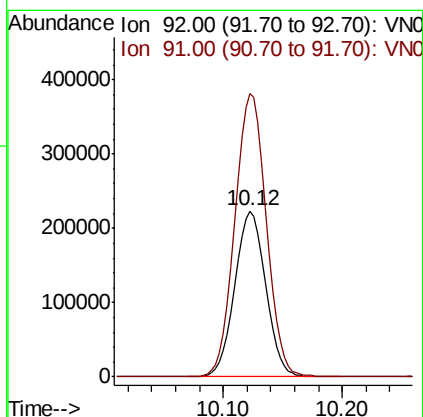
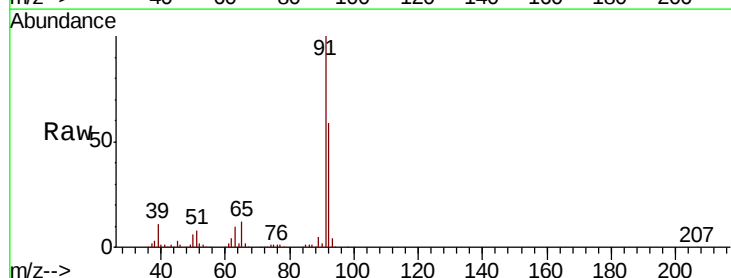
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

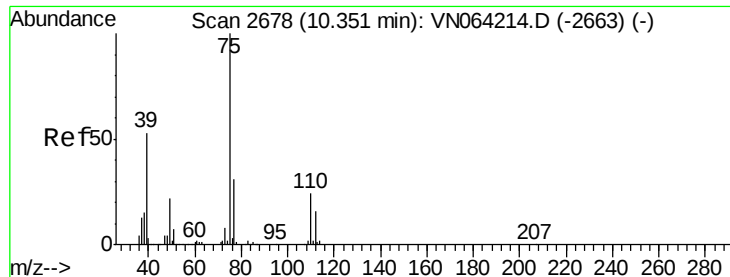
Tot Ion: 43 Resp: 1069984
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.6 42.8



#52
 Toluene
 Concen: 50.689 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion: 92 Resp: 403131
 Ion Ratio Lower Upper
 92 100
 91 173.3 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 52.088 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

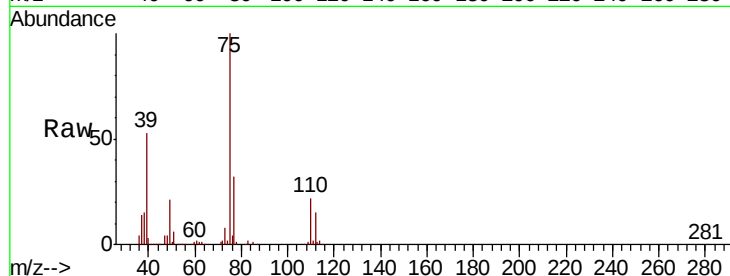
VSTDCCC050

Tot Ion: 75 Resp: 284829

Ion Ratio Lower Upper

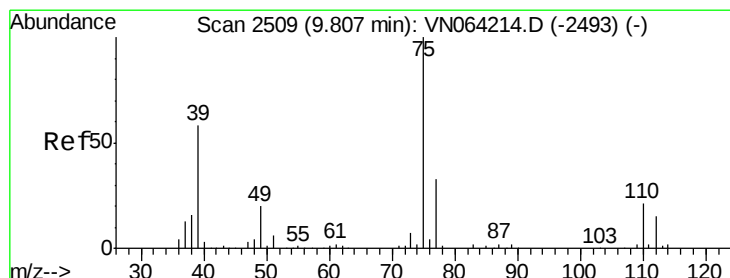
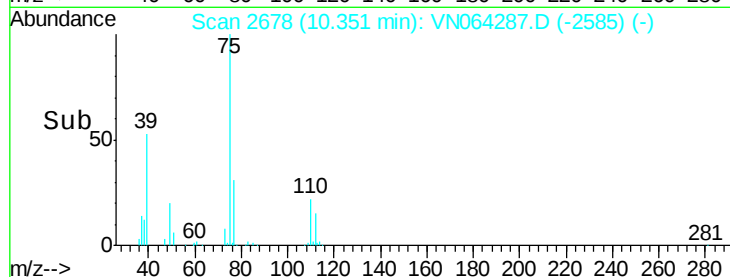
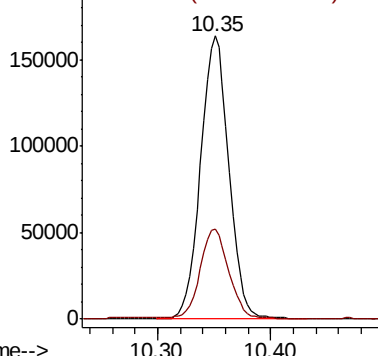
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.736 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

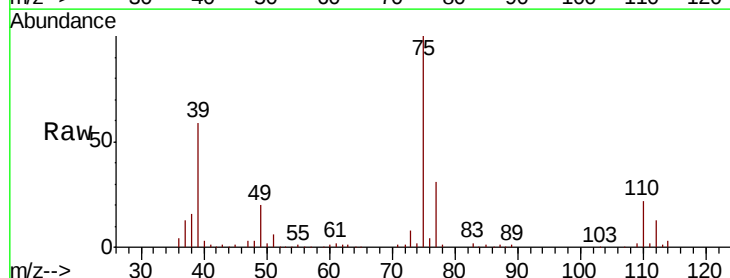
Tgt Ion: 75 Resp: 292116

Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

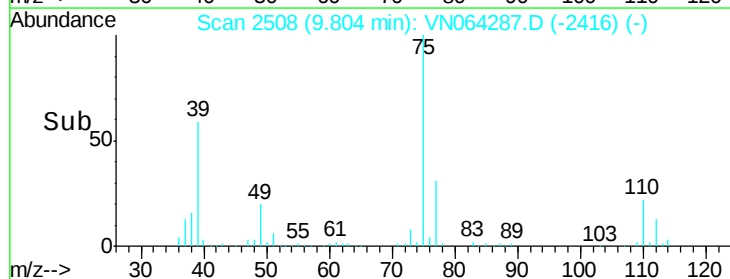
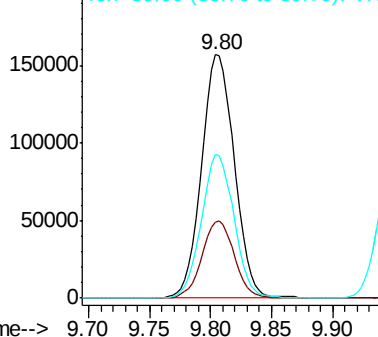
39 59.1 46.7 70.1

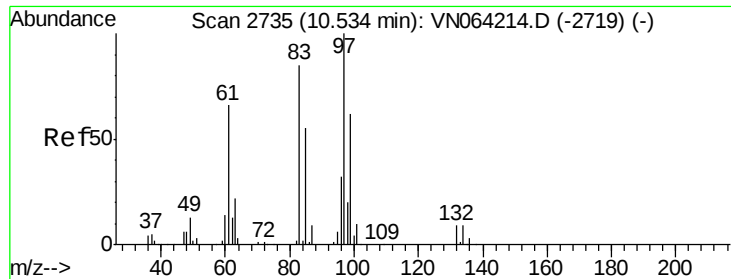


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

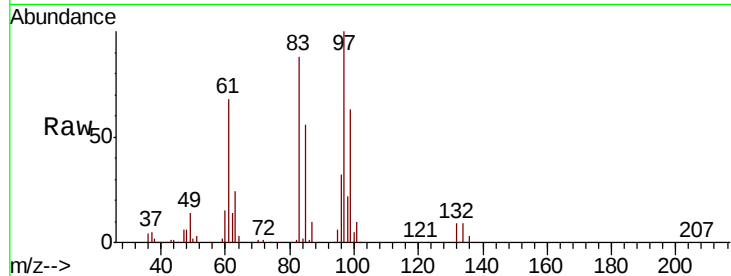




#55
 1,1,2-Trichloroethane
 Concen: 51.864 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	97	Resp	155786
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.8	101.6
85	56.4	43.6	65.4
99	62.2	49.9	74.9



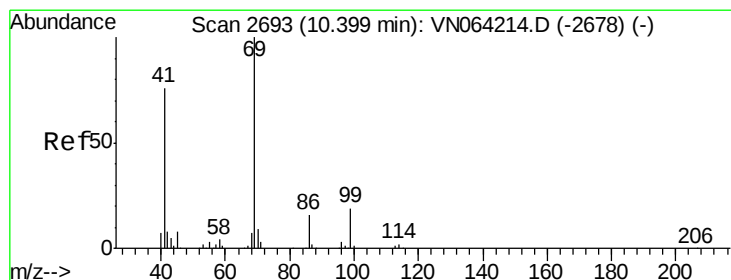
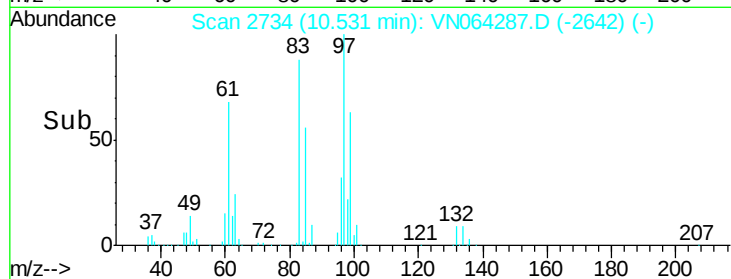
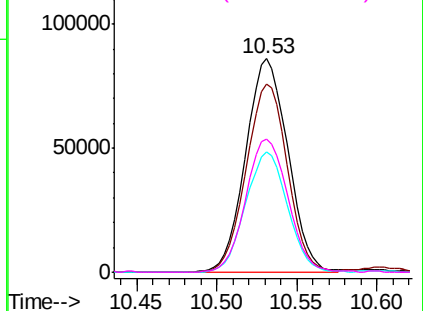
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

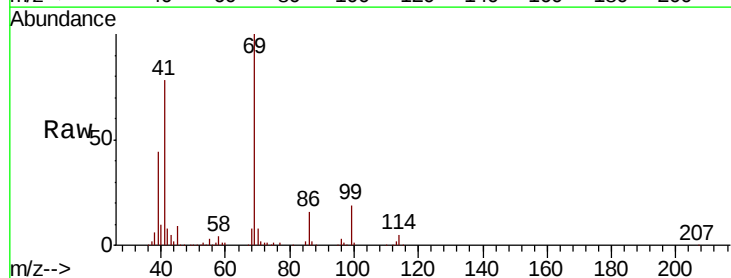
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 51.947 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion	69	Resp	241264
Ion	Ratio	Lower	Upper
69	100		
41	76.1	61.4	92.2
39	43.9	36.0	54.0

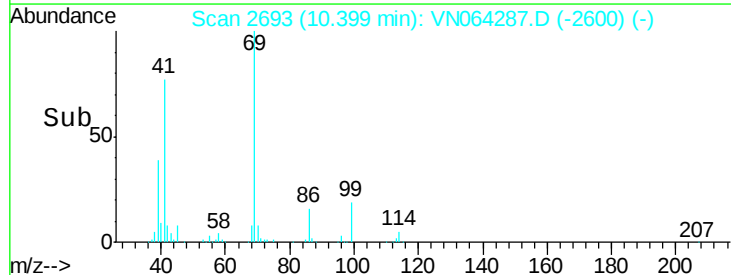
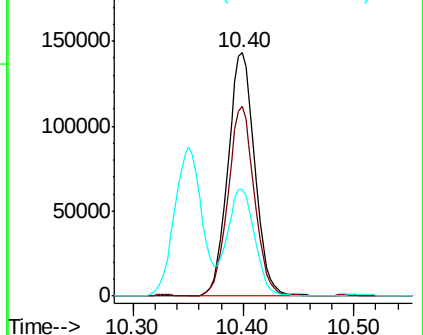


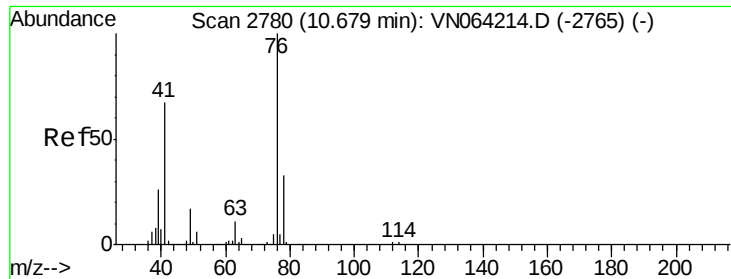
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.619 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

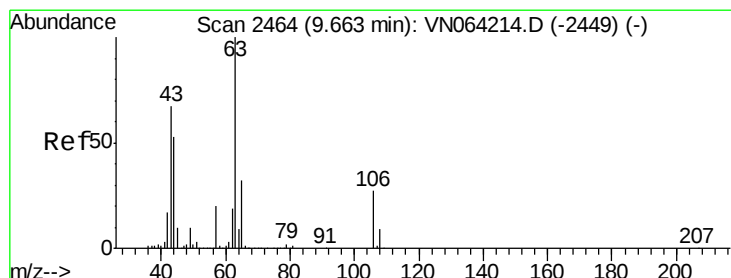
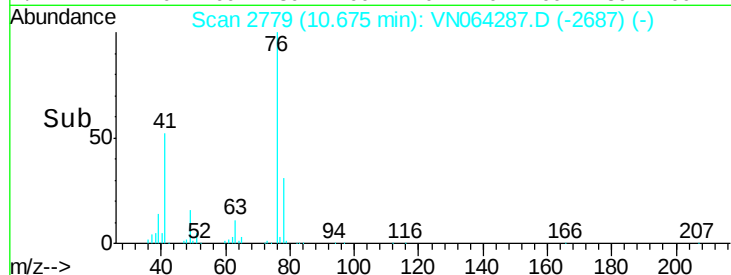
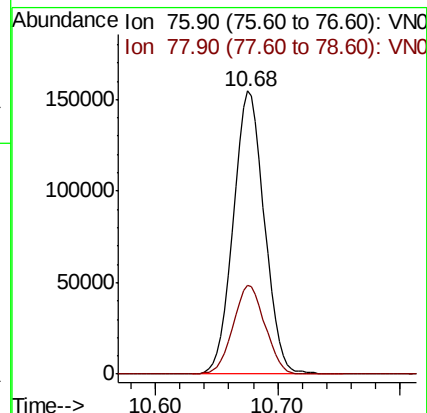
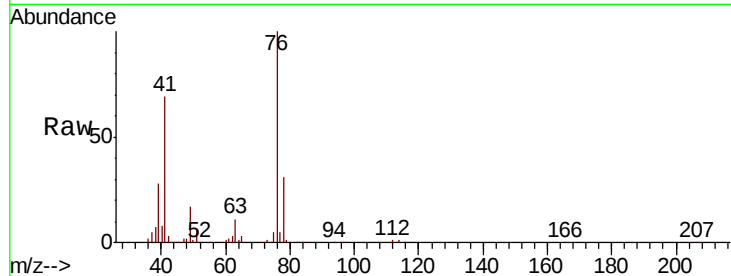
VSTDCCC050

Tot Ion: 76 Resp: 274535

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 257.962 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064287.D

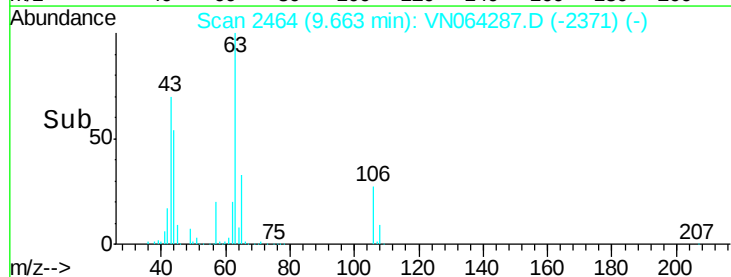
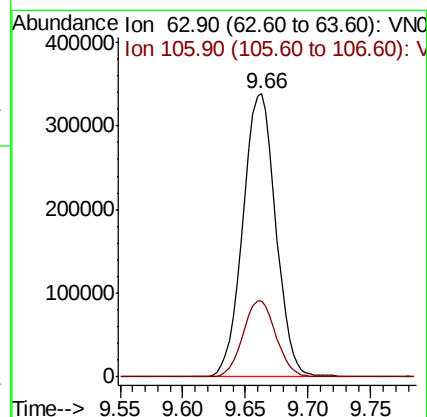
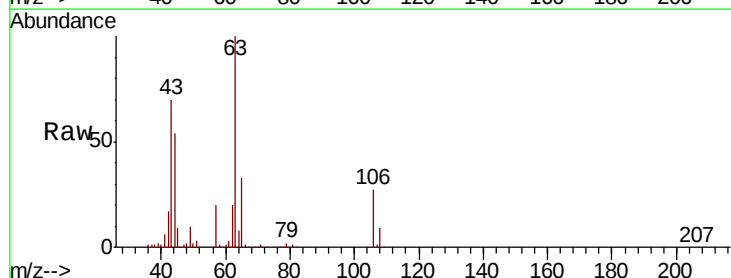
Acq: 23 Oct 2020 15:32

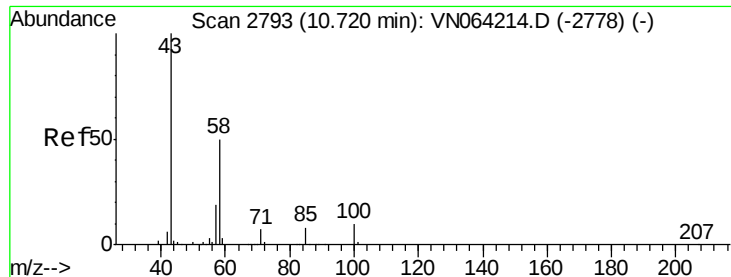
Tgt Ion: 63 Resp: 616943

Ion Ratio Lower Upper

63 100

106 27.0 21.3 31.9

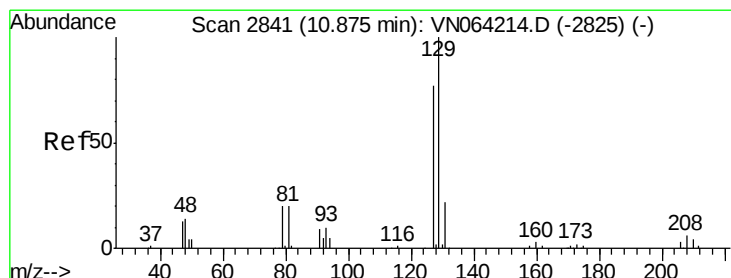
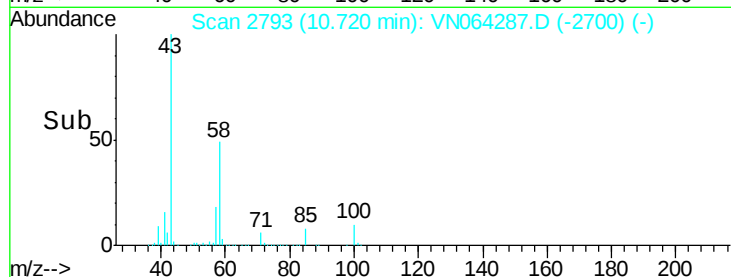
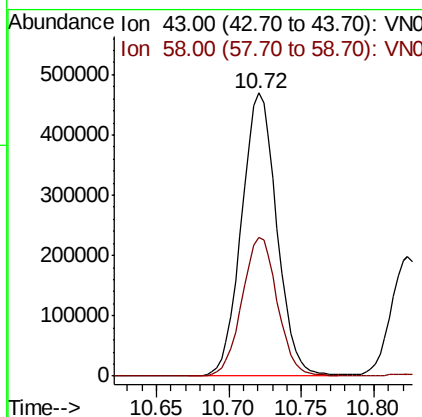
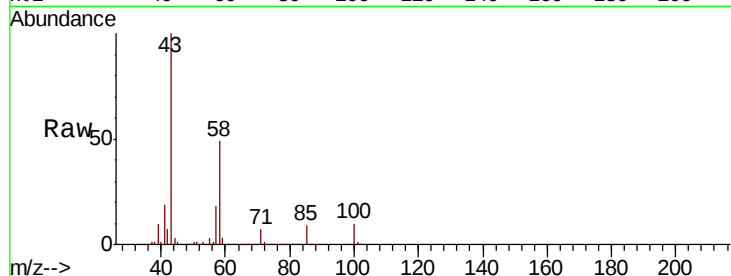




#59
2-Hexanone
Concen: 266.594 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

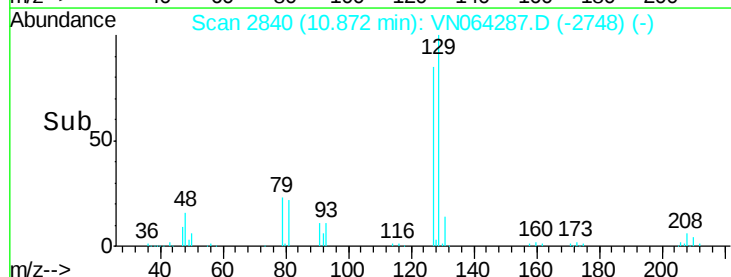
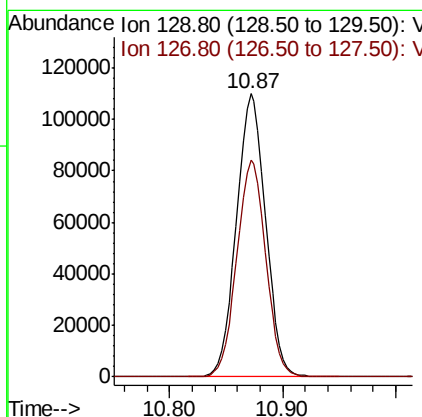
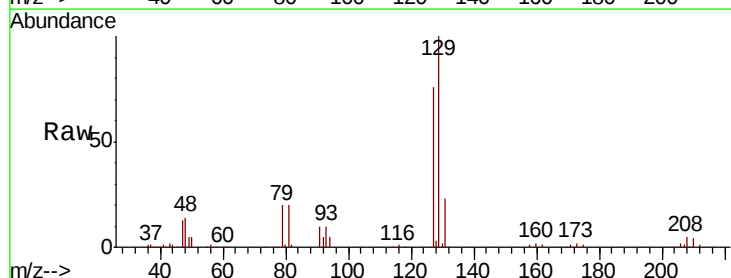
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

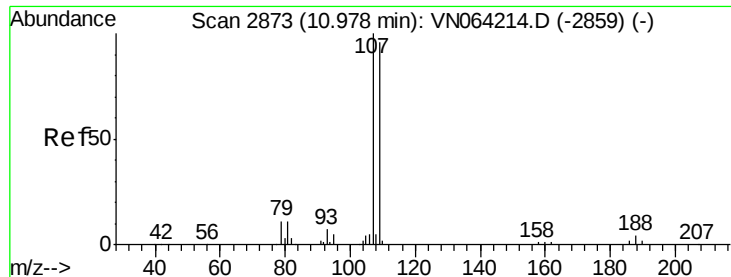
Tot Ion: 43 Resp: 792793
Ion Ratio Lower Upper
43 100
58 49.4 24.8 74.3



#60
Dibromochloromethane
Concen: 50.975 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 129 Resp: 198213
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3

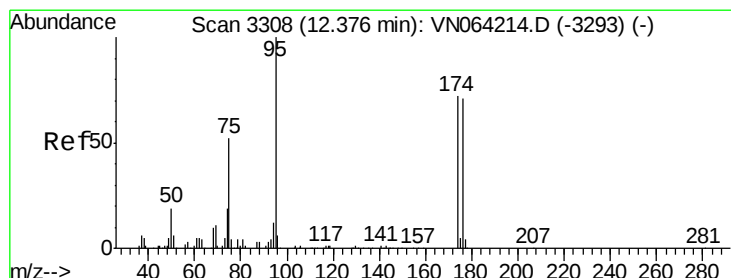
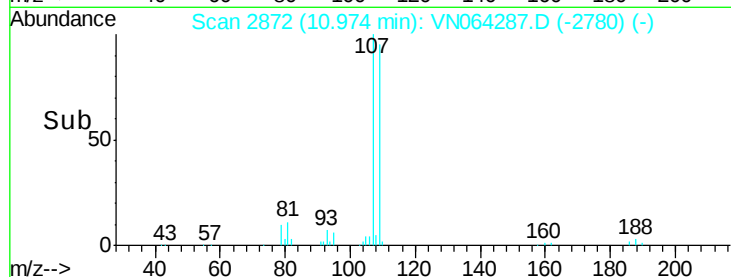
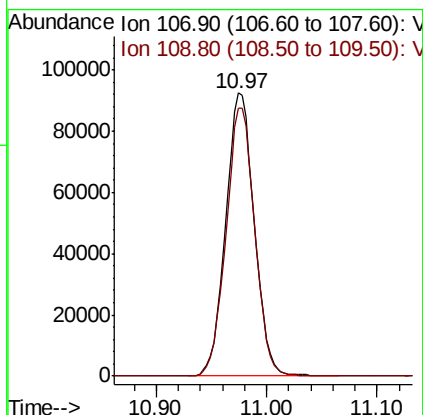
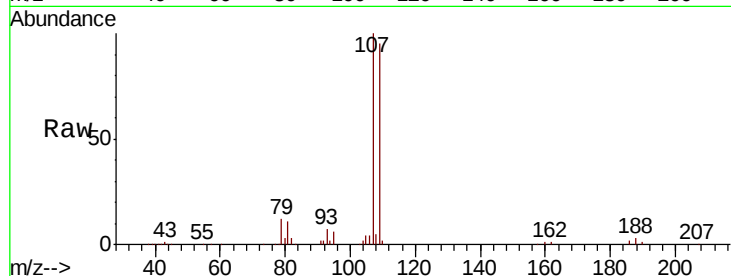




#61
 1,2-Dibromoethane
 Concen: 52.350 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

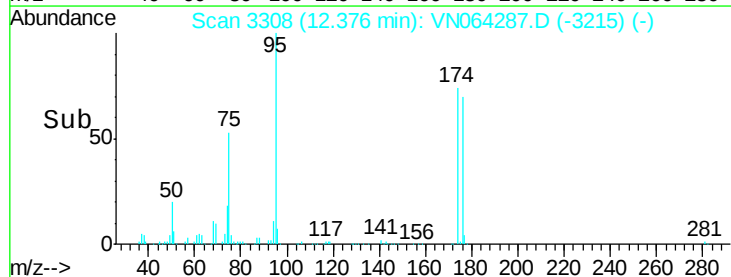
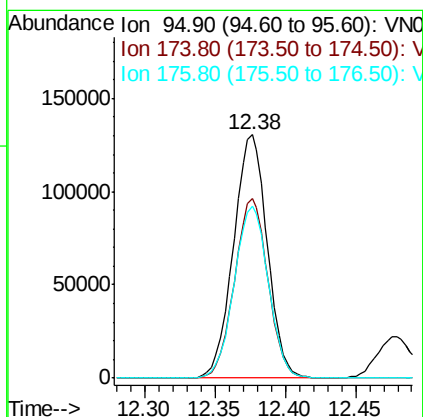
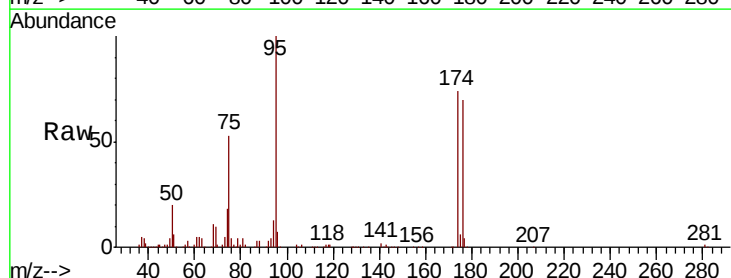
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

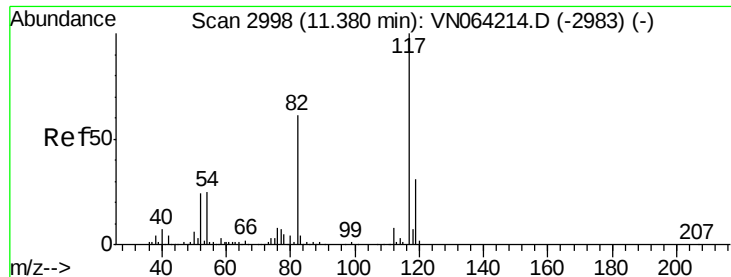
Tot Ion:107 Resp: 165932
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 49.670 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion: 95 Resp: 219330
 Ion Ratio Lower Upper
 95 100
 174 72.8 0.0 144.4
 176 71.6 0.0 139.2

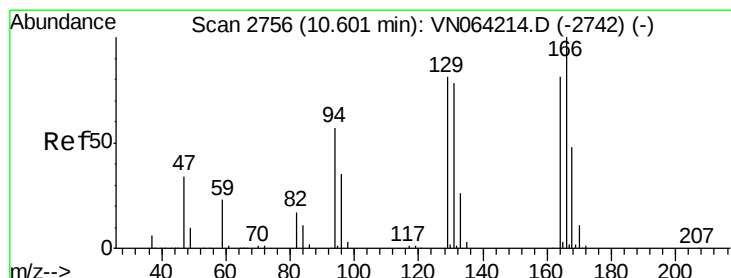
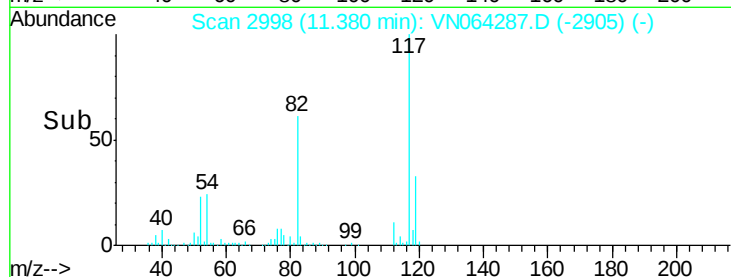
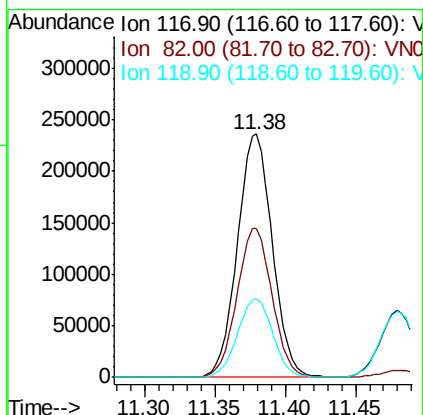
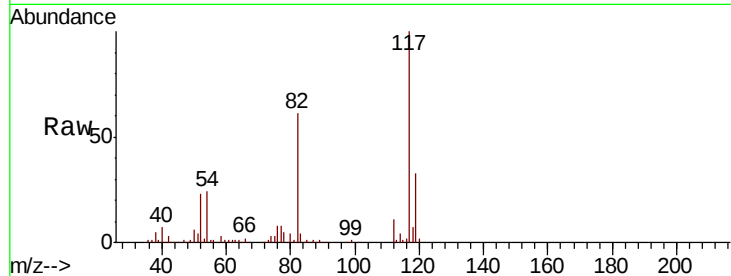




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

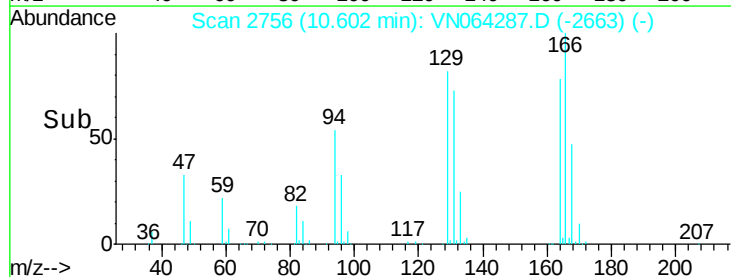
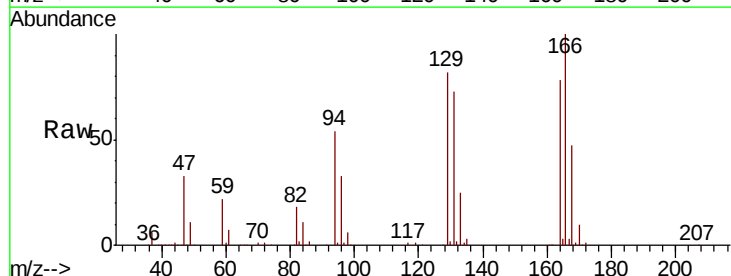
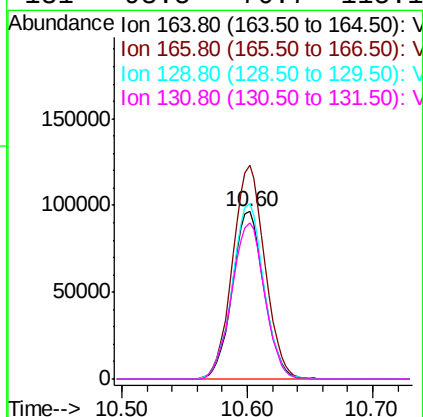
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

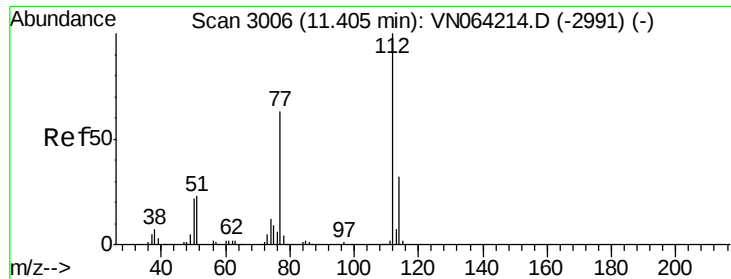
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	48.8	73.2
119	32.5	24.7	37.1



#64
Tetrachloroethene
Concen: 51.627 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	98.9	148.3
129	104.3	79.9	119.9
131	93.5	76.7	115.1

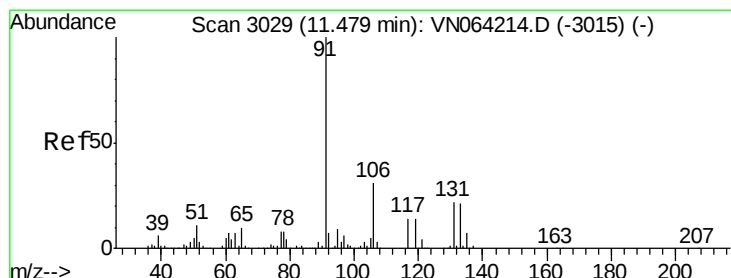
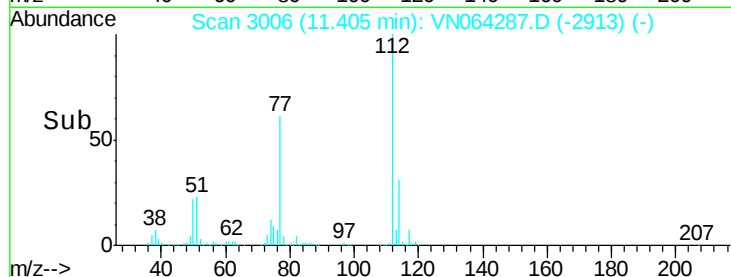
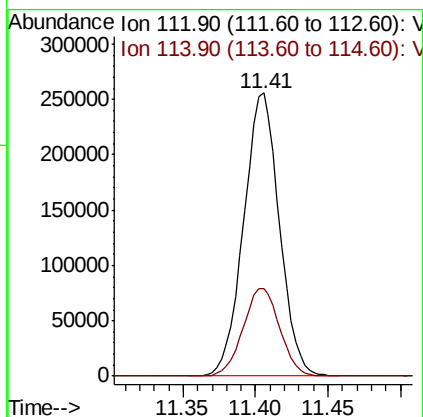
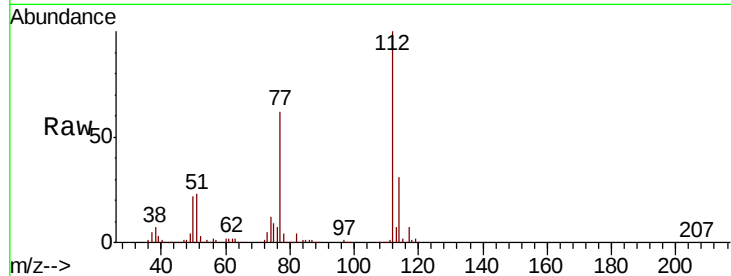




#65
Chlorobenzene
Concen: 51.570 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

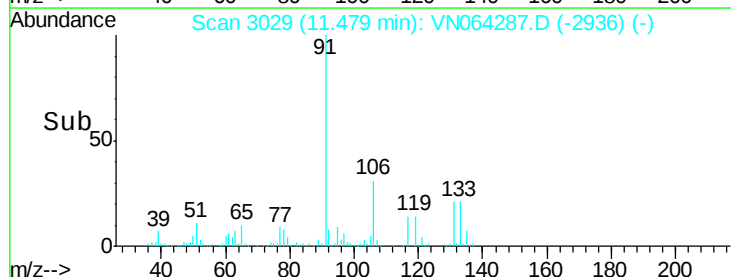
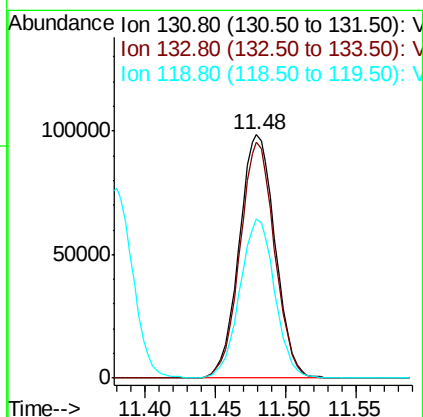
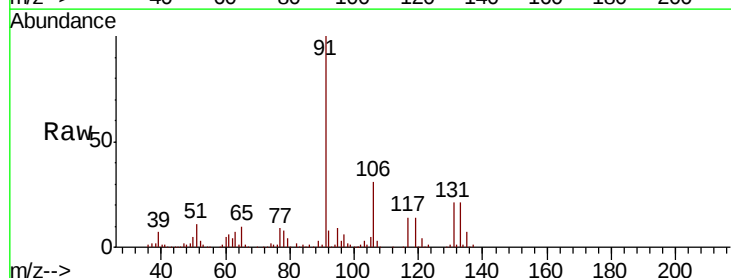
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

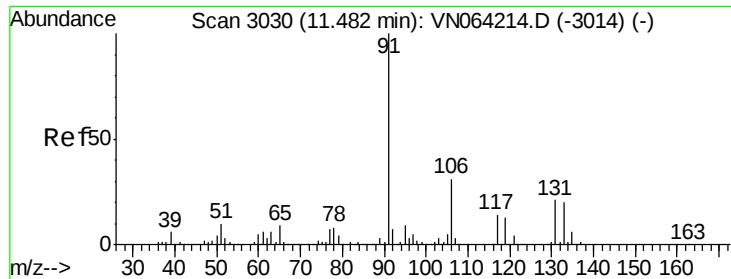
Tot Ion:112 Resp: 438231
Ion Ratio Lower Upper
112 100
114 31.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.068 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion:131 Resp: 175630
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 63.5 32.2 96.6

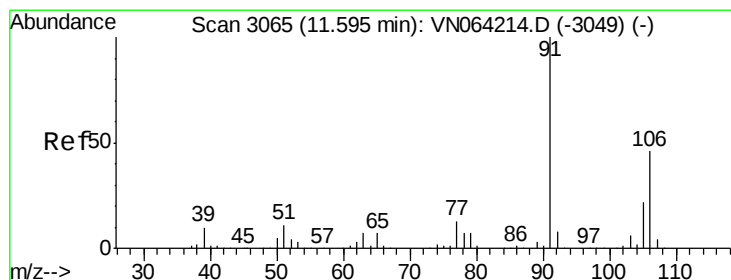
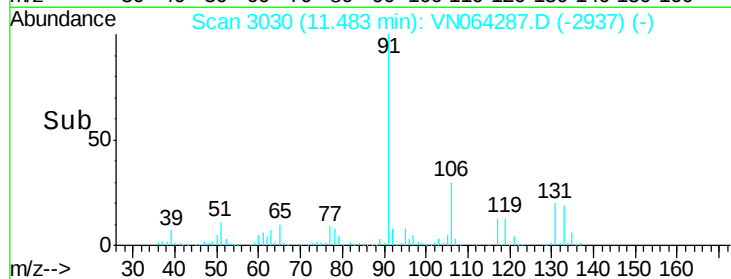
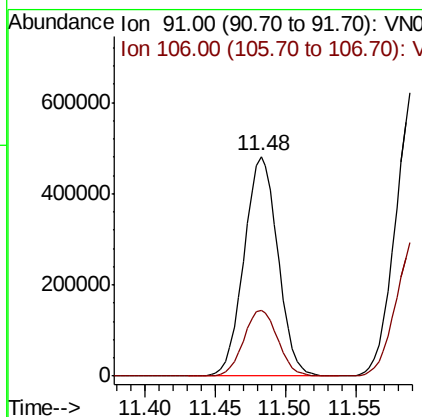
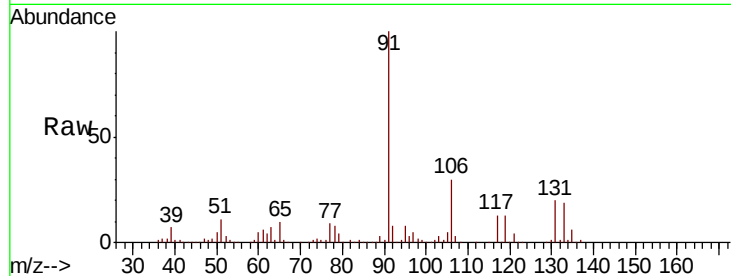




#67
Ethyl Benzene
Concen: 51.779 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

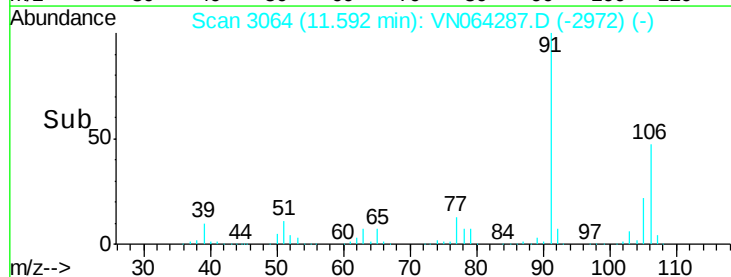
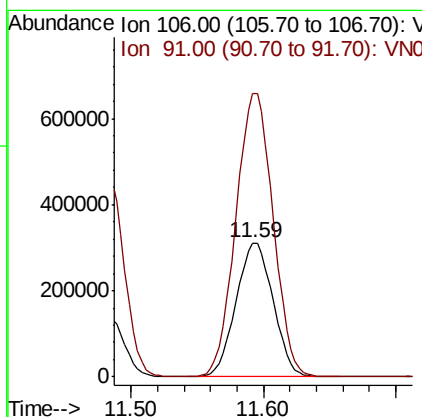
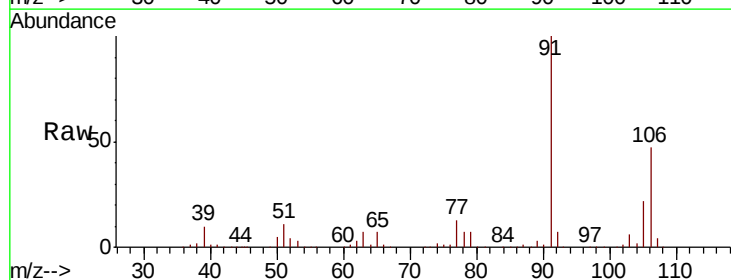
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

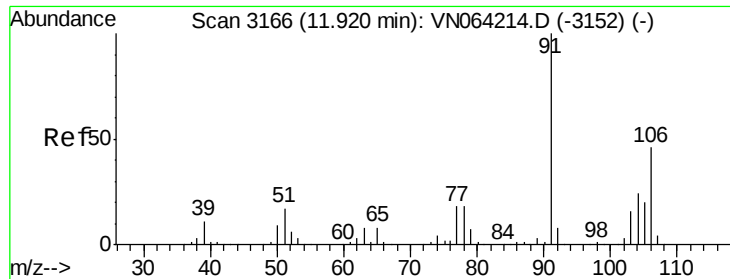
Tot Ion: 91 Resp: 808639
Ion Ratio Lower Upper
91 100
106 30.1 24.8 37.2



#68
m/p-Xylenes
Concen: 104.646 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 106 Resp: 605505
Ion Ratio Lower Upper
106 100
91 212.3 172.2 258.2

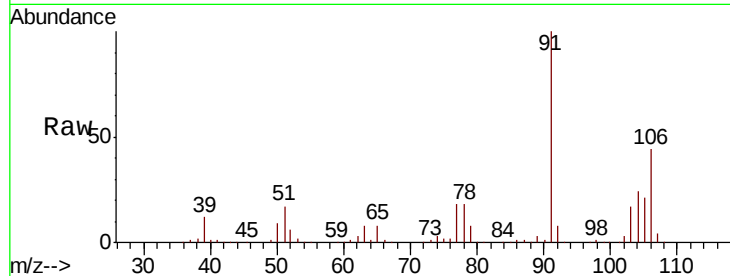




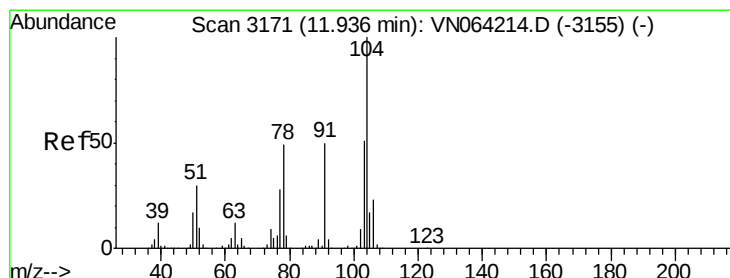
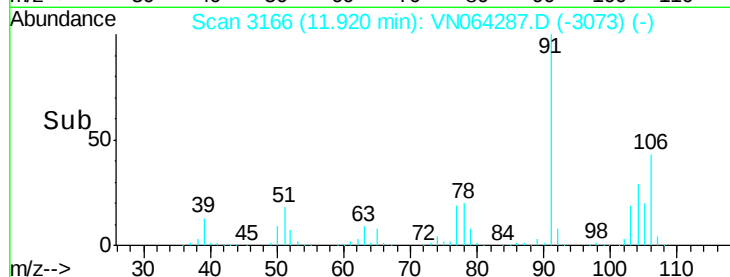
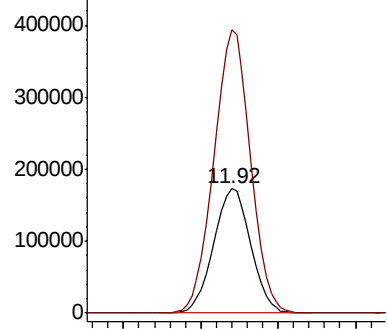
#69
o-Xylene
Concen: 51.888 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 290369
Ion Ratio Lower Upper
106 100
91 223.5 109.9 329.6

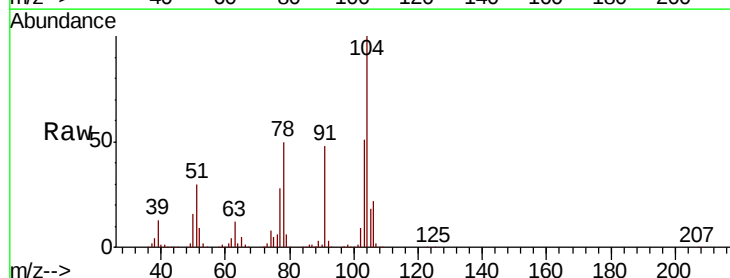


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

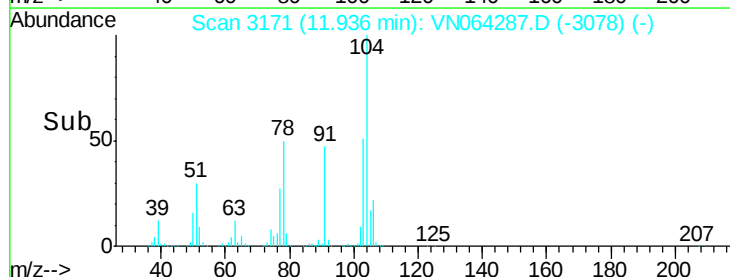
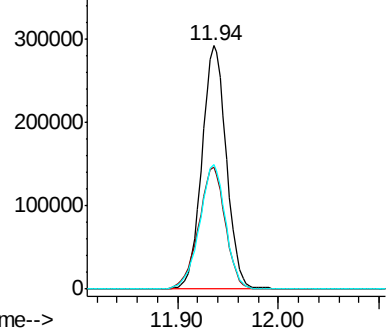


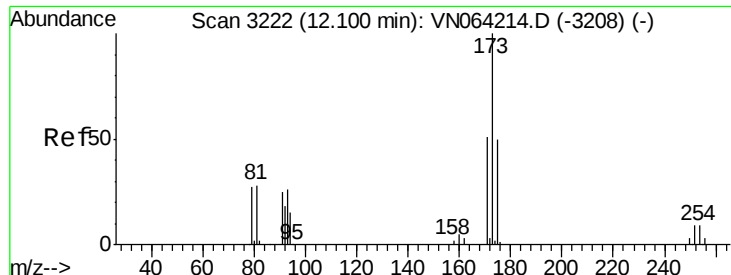
#70
Styrene
Concen: 52.631 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion:104 Resp: 493691
Ion Ratio Lower Upper
104 100
78 54.7 43.8 65.6
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.629 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

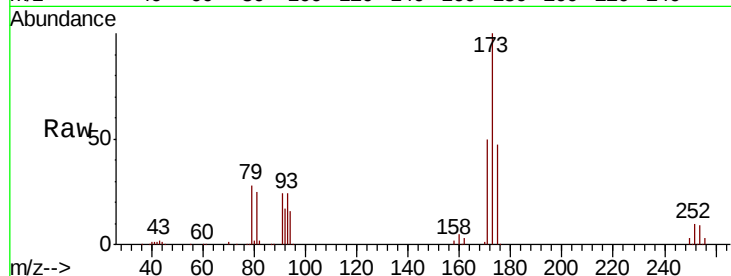
Tot Ion:173 Resp: 137135

Ion Ratio Lower Upper

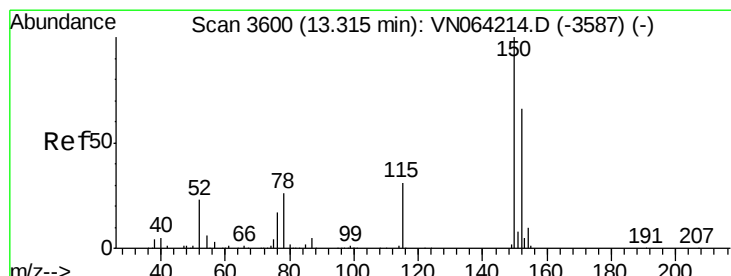
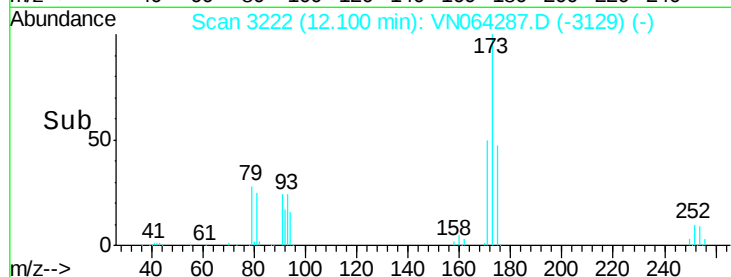
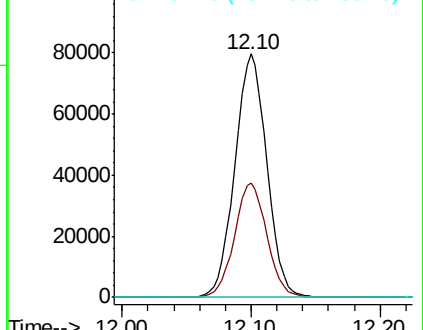
173 100

175 47.3 25.1 75.3

254 0.1 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: VN064287.D

Acq: 23 Oct 2020 15:32

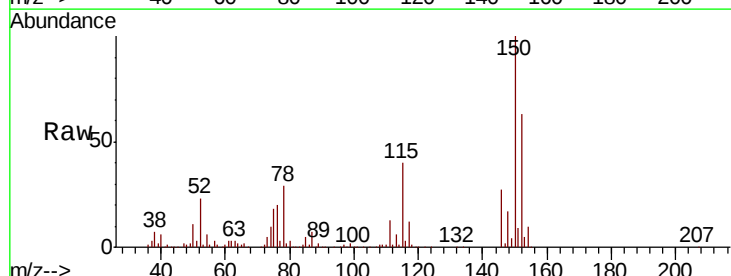
Tgt Ion:152 Resp: 203862

Ion Ratio Lower Upper

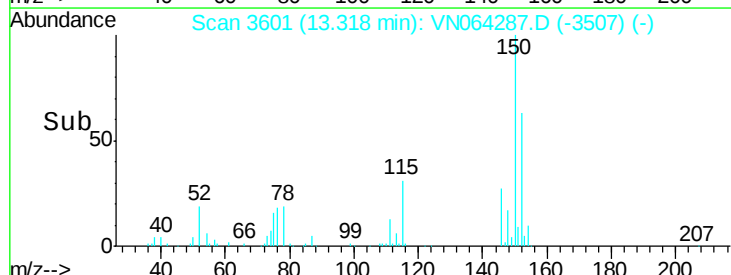
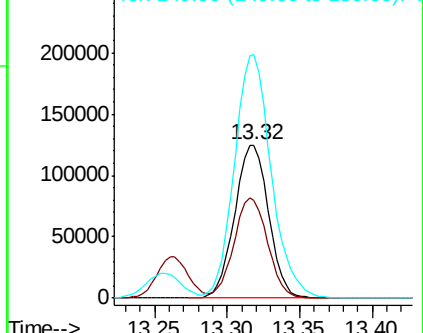
152 100

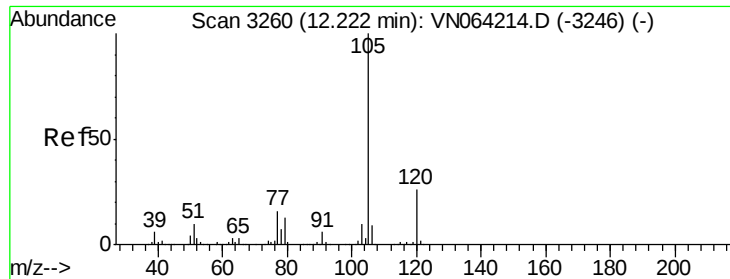
115 64.5 32.0 96.2

150 171.1 0.0 356.6



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: 50.163 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampled :

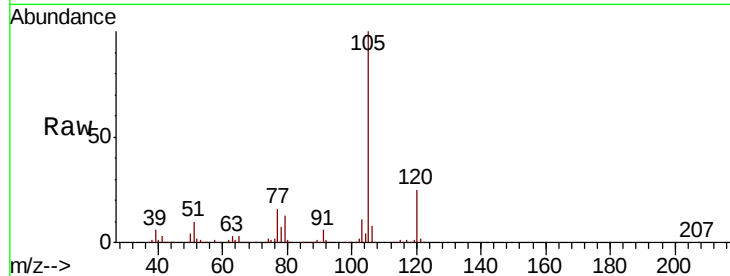
VSTDCCC050

Tot Ion:105 Resp: 779953

Ion Ratio Lower Upper

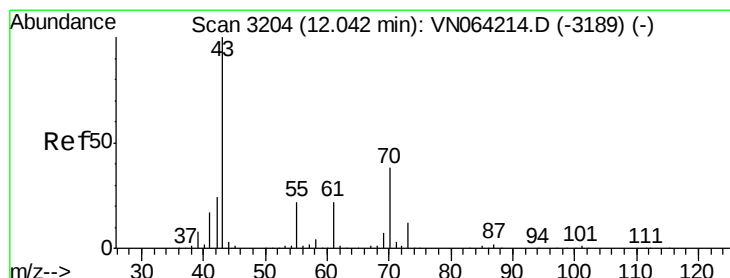
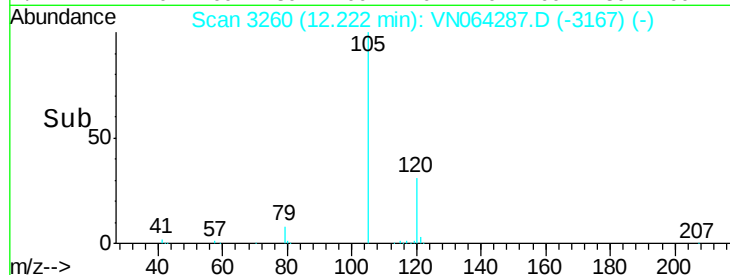
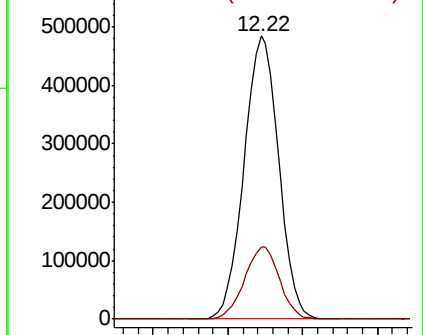
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.794 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Tgt Ion: 43 Resp: 341262

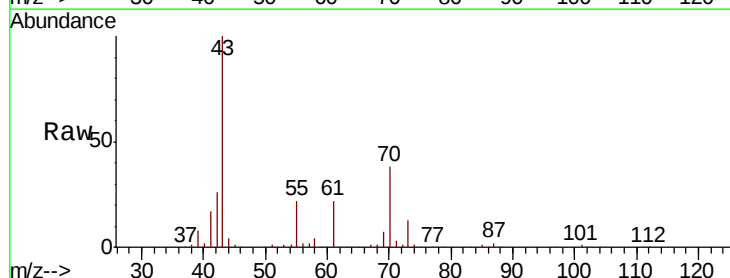
Ion Ratio Lower Upper

43 100

70 37.3 30.2 45.4

55 22.2 18.0 27.0

61 21.6 17.4 26.2

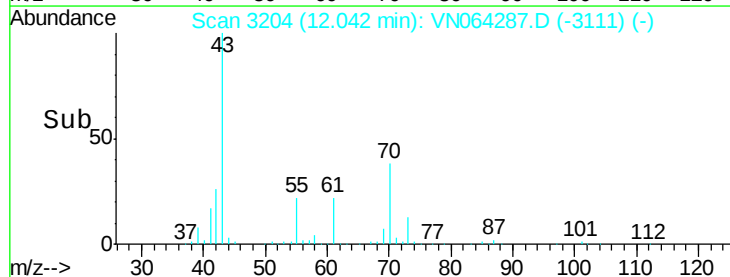
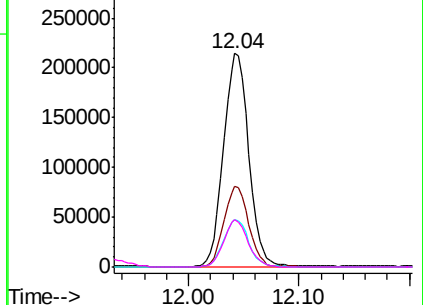


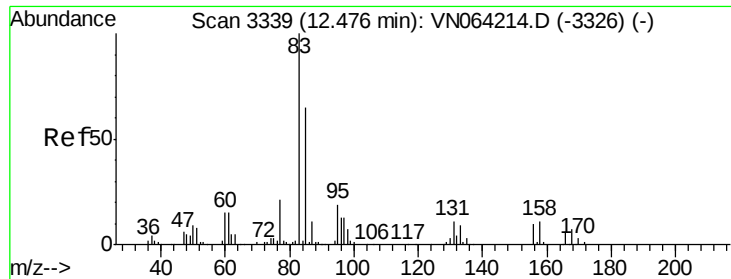
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.339 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

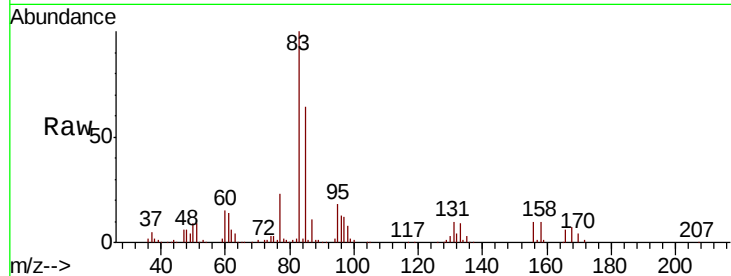
Tot Ion: 83 Resp: 203577

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.7

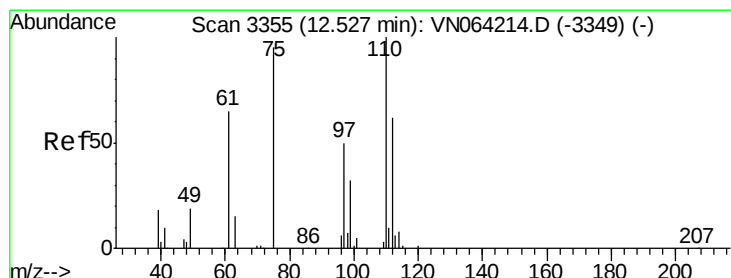
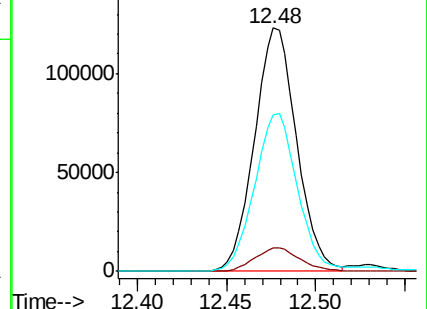
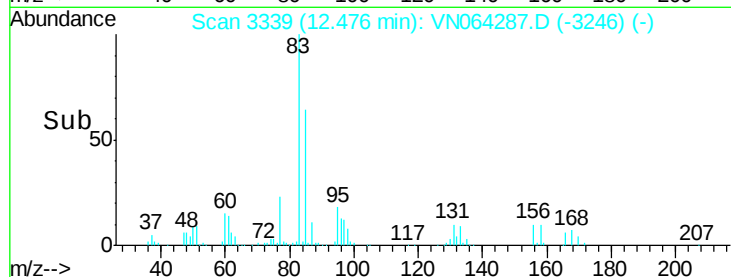
85 65.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN064287.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064287.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064287.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 73.918 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064287.D

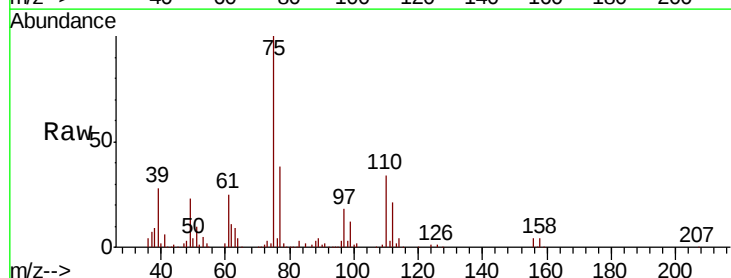
Acq: 23 Oct 2020 15:32

Tgt Ion: 75 Resp: 317681

Ion Ratio Lower Upper

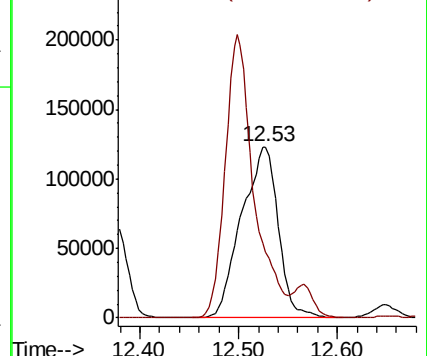
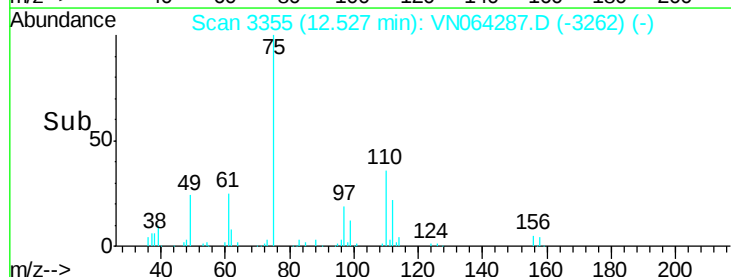
75 100

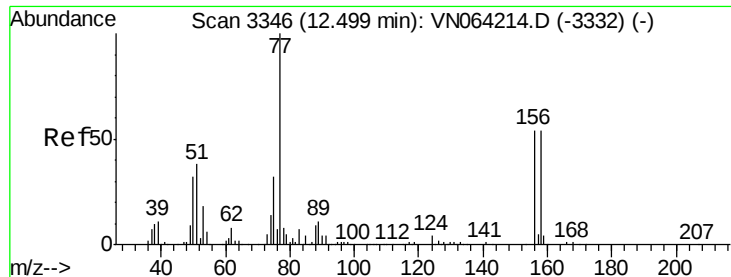
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064287.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064287.D (-3262) (-)





#77

Bromobenzene

Concen: 51.551 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

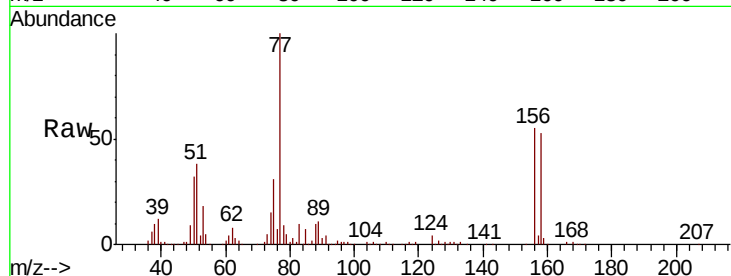
Tot Ion:156 Resp: 189227

Ion Ratio Lower Upper

156 100

77 220.3 111.1 333.4

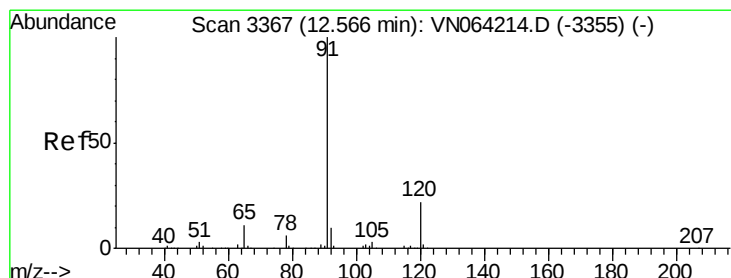
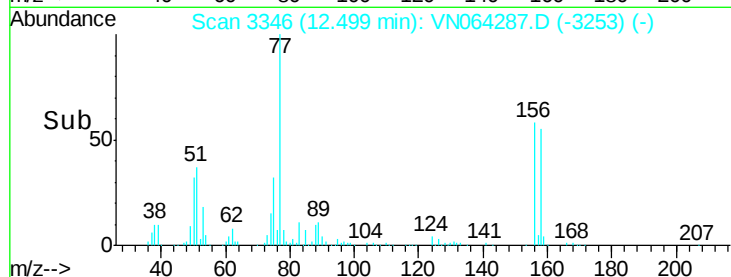
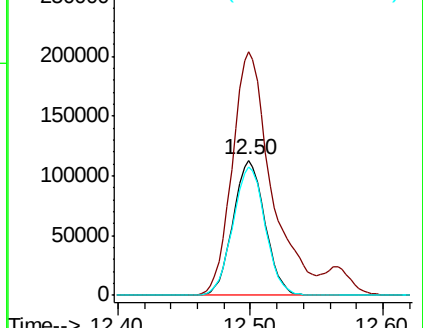
158 96.2 50.0 150.1



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: 50.713 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064287.D

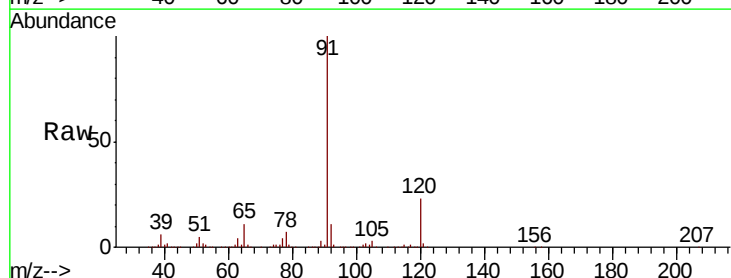
Acq: 23 Oct 2020 15:32

Tgt Ion: 91 Resp: 889050

Ion Ratio Lower Upper

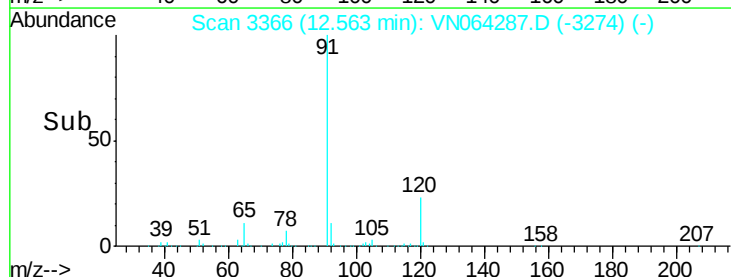
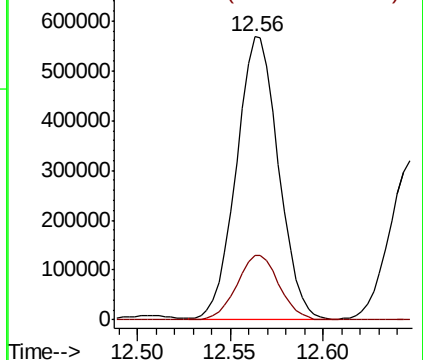
91 100

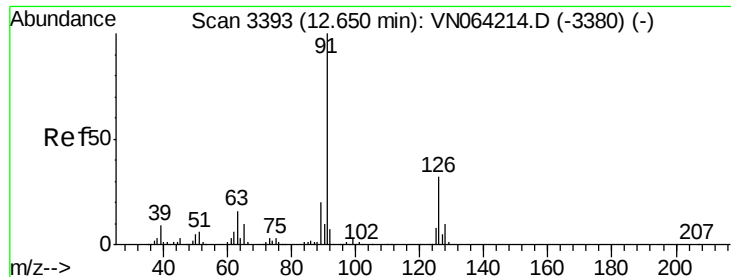
120 23.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.176 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

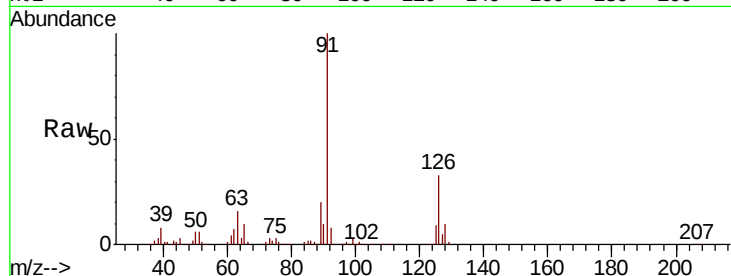
VSTDCCC050

Tot Ion: 91 Resp: 540289

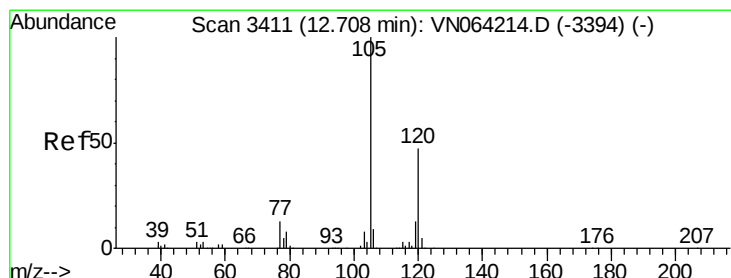
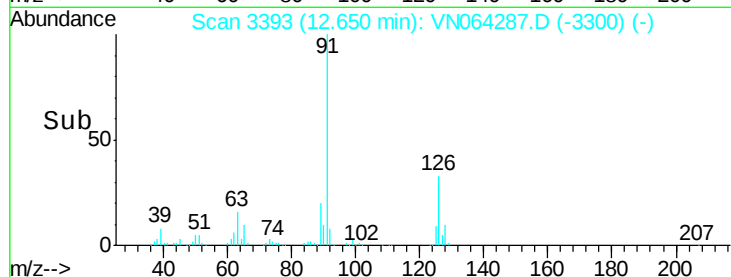
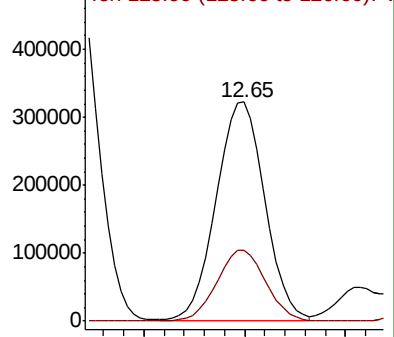
Ion Ratio Lower Upper

91 100

126 32.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064287.D (-3300) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.370 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064287.D

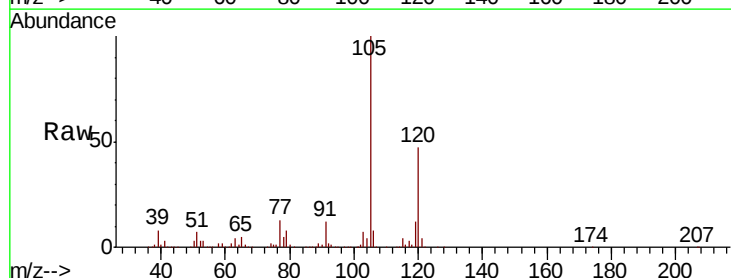
Acq: 23 Oct 2020 15:32

Tgt Ion: 105 Resp: 662102

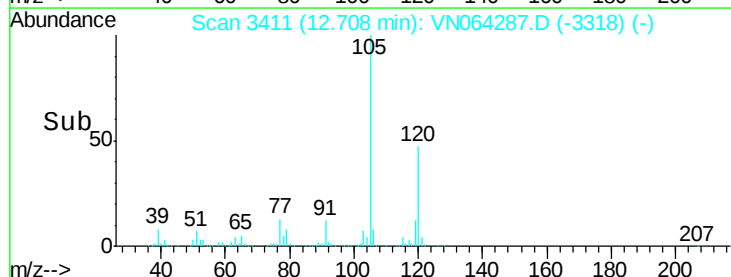
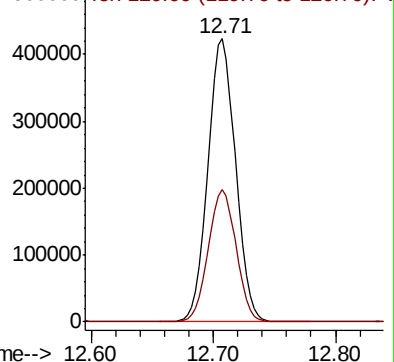
Ion Ratio Lower Upper

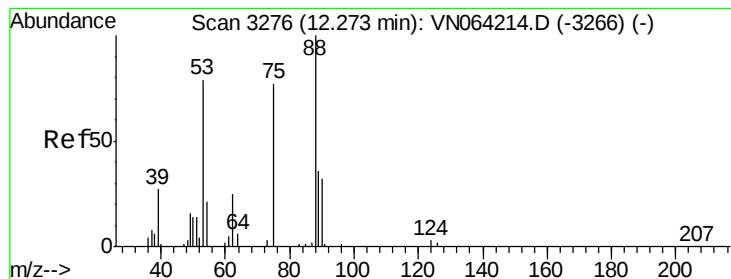
105 100

120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064287.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.564 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

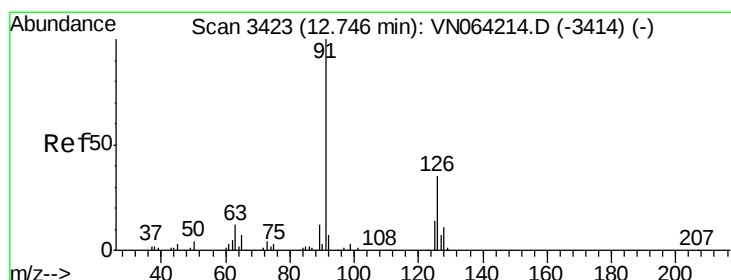
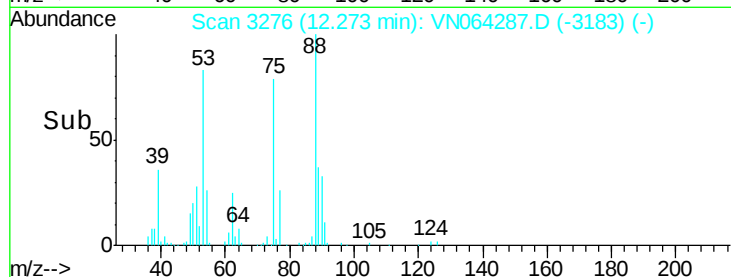
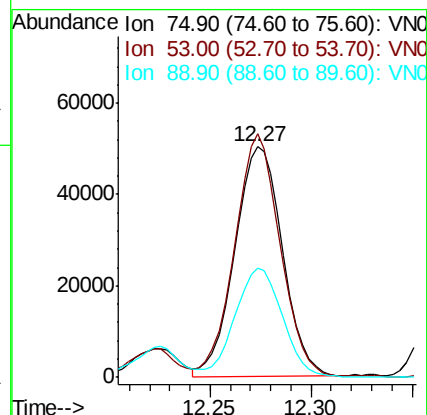
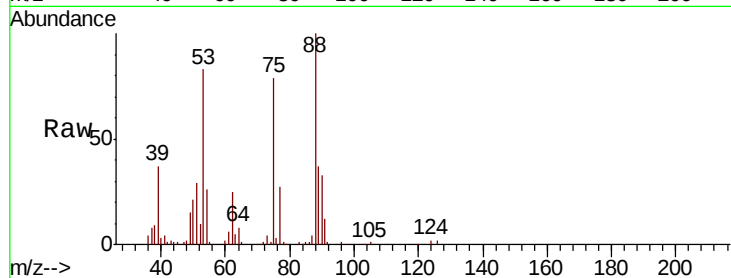
Tot Ion: 75 Resp: 82669

Ion Ratio Lower Upper

75 100

53 101.0 81.0 121.4

89 47.7 38.7 58.1



#82

4-Chlorotoluene

Concen: 51.627 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064287.D

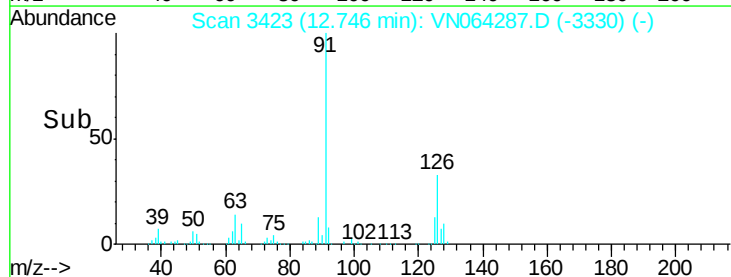
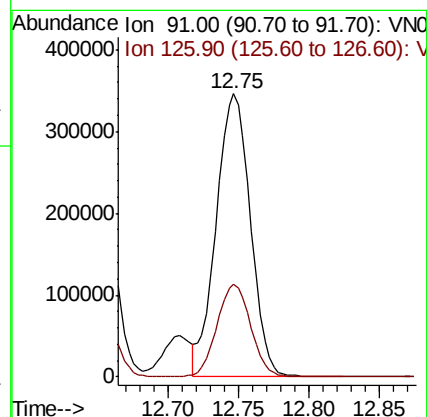
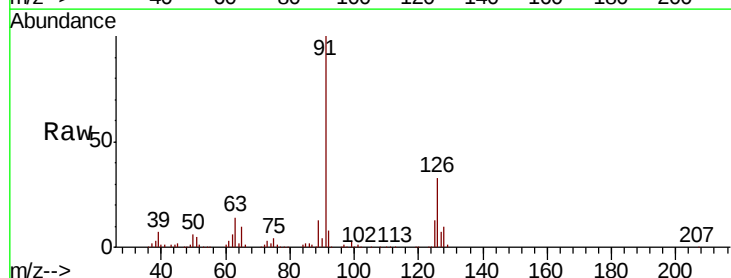
Acq: 23 Oct 2020 15:32

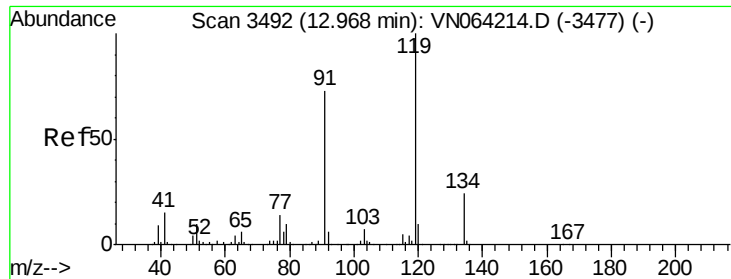
Tgt Ion: 91 Resp: 579877

Ion Ratio Lower Upper

91 100

126 32.6 15.8 47.3

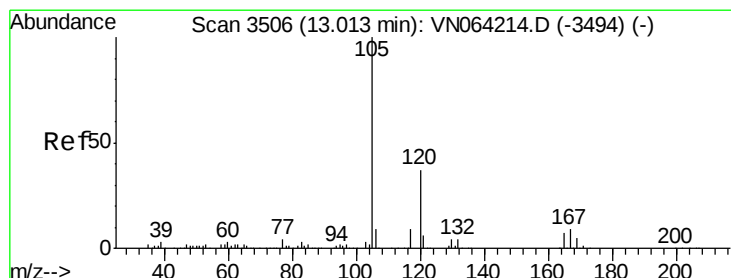
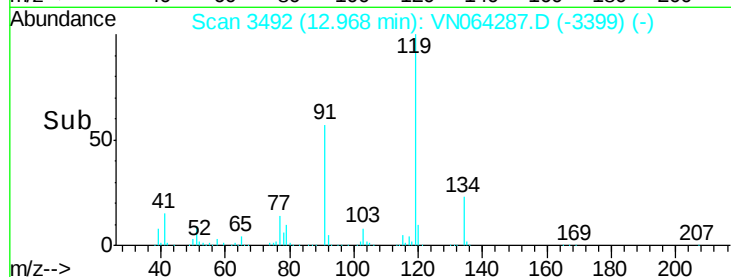
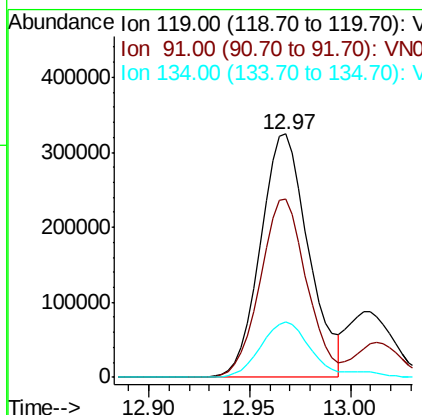
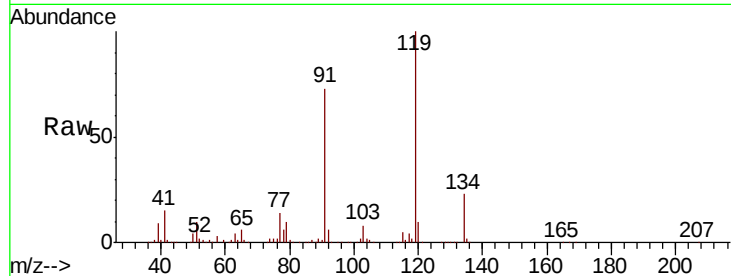




#83
tert-Butylbenzene
Concen: 49.906 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

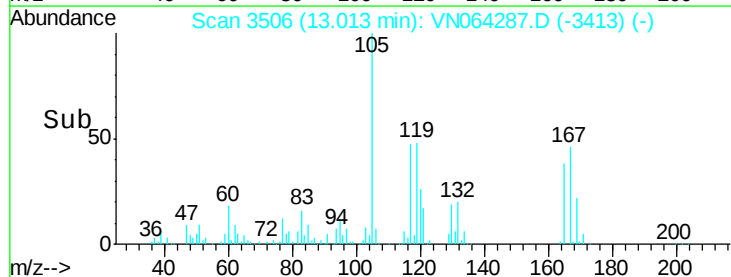
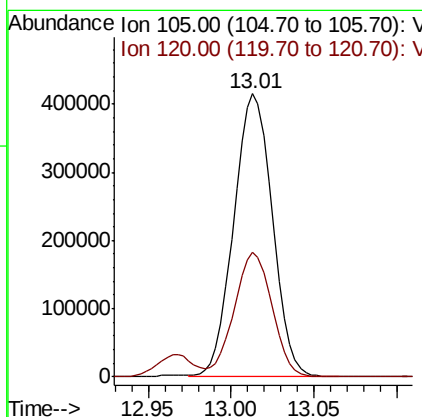
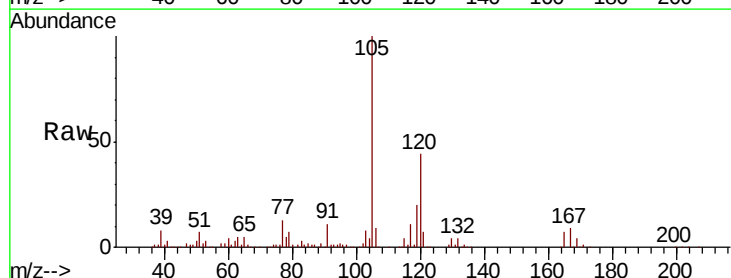
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

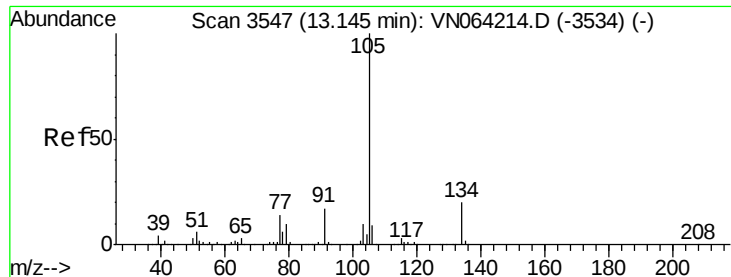
Tot Ion:119 Resp: 537847
Ion Ratio Lower Upper
119 100
91 70.7 35.1 105.3
134 23.1 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 51.309 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion:105 Resp: 671282
Ion Ratio Lower Upper
105 100
120 43.2 21.5 64.5

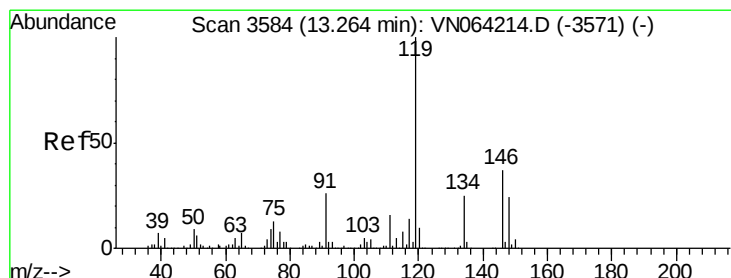
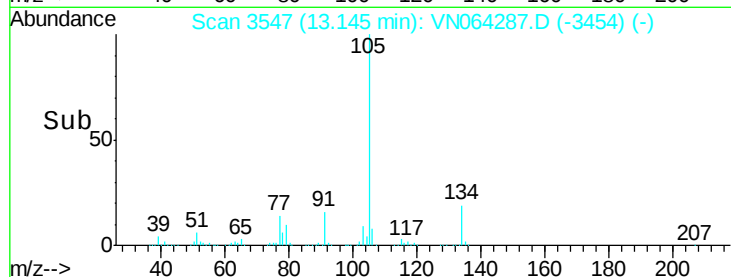
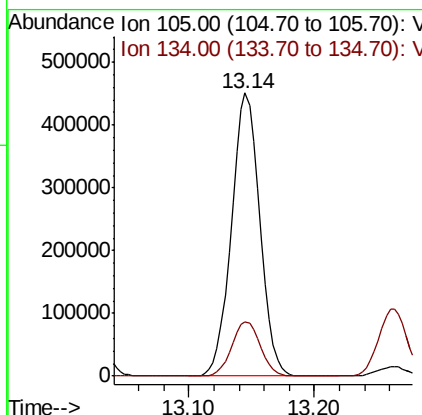
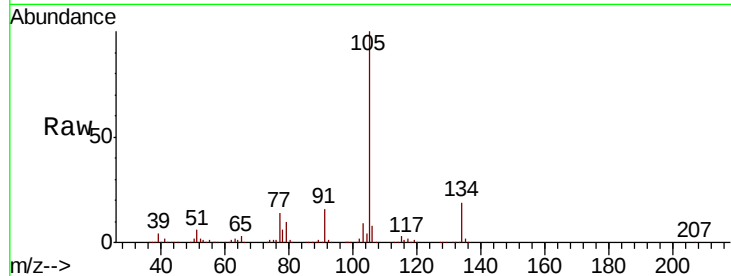




#85
 sec-Butylbenzene
 Concen: 51.815 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

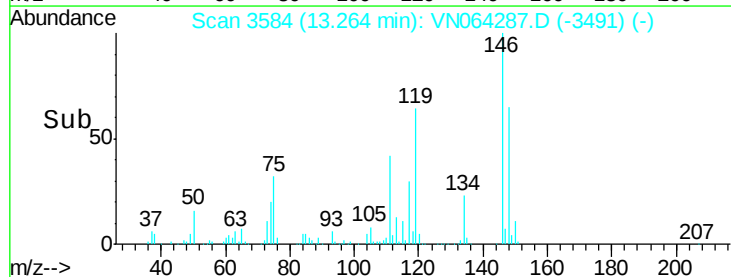
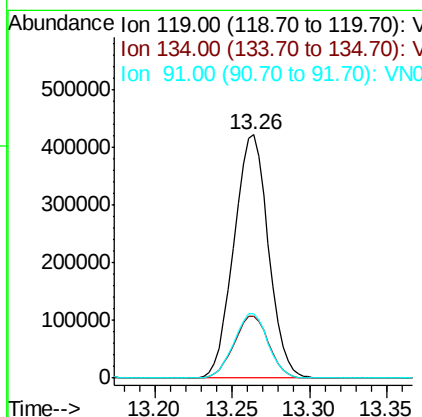
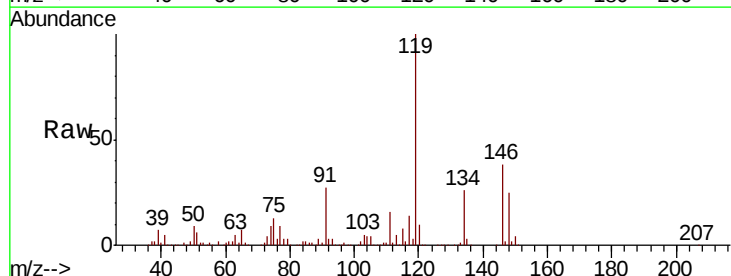
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

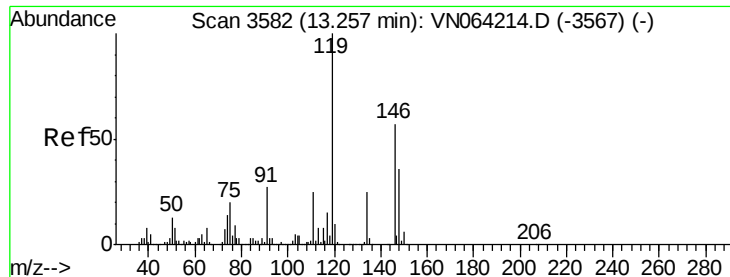
Tot Ion:105 Resp: 703992
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.623 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion:119 Resp: 651070
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 26.3 13.4 40.2

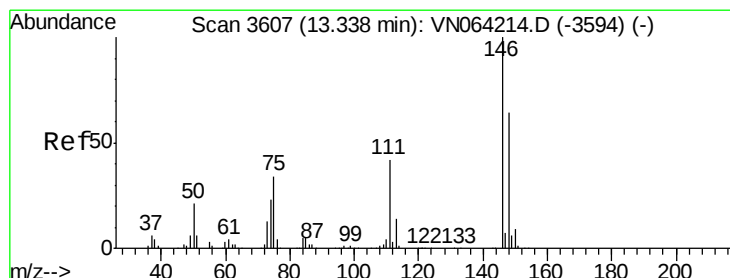
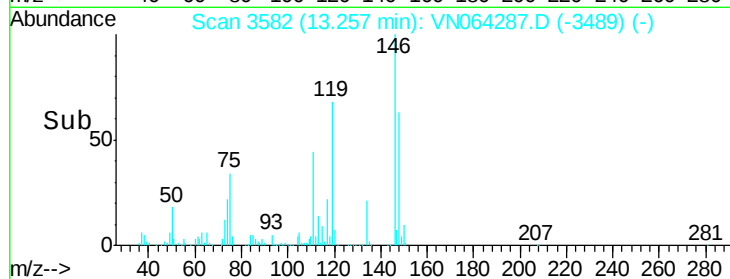
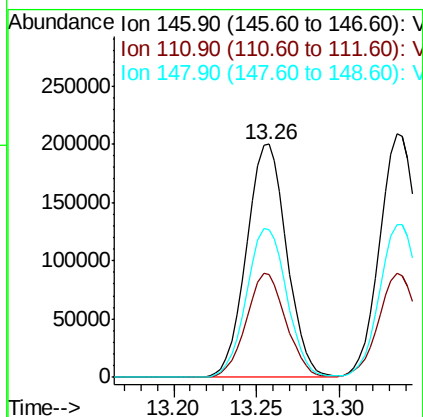
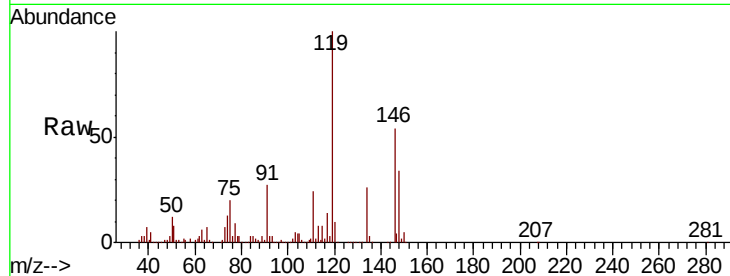




#87
 1,3-Dichlorobenzene
 Concen: 51.605 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

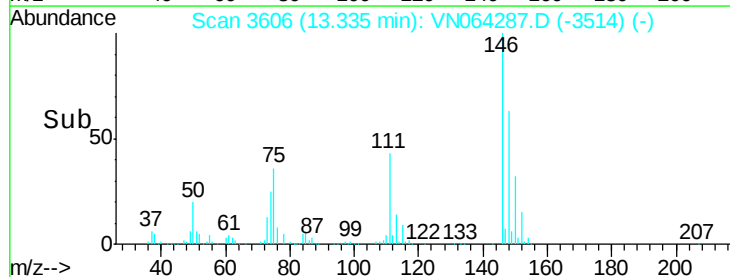
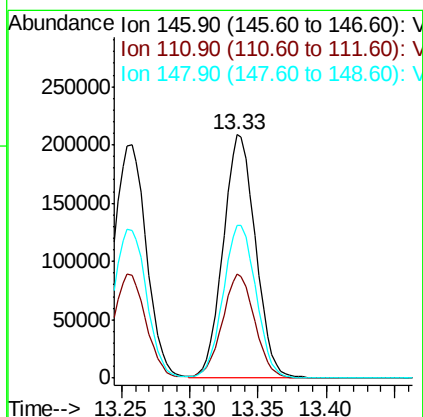
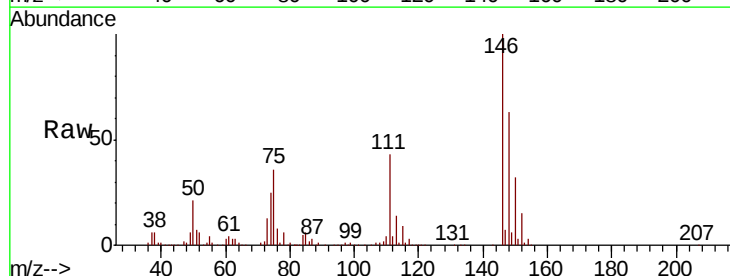
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

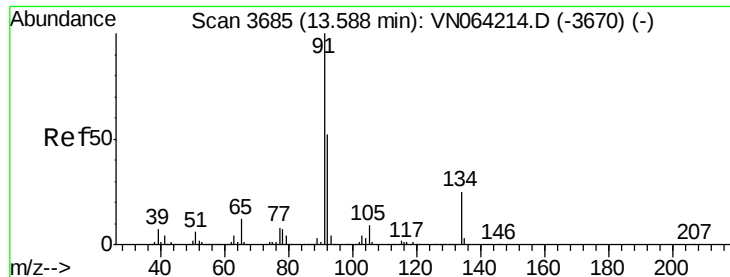
Tot Ion:146 Resp: 337054
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.6 65.0
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 51.283 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion:146 Resp: 342833
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.5 64.5
 148 63.9 32.0 96.0

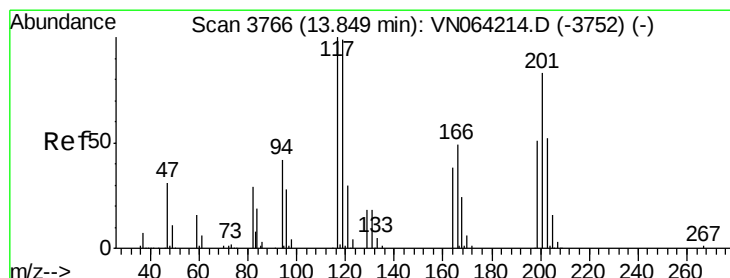
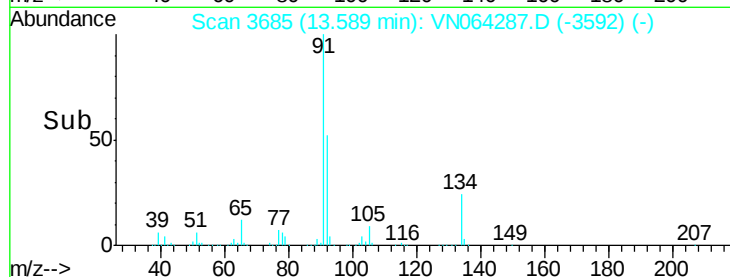
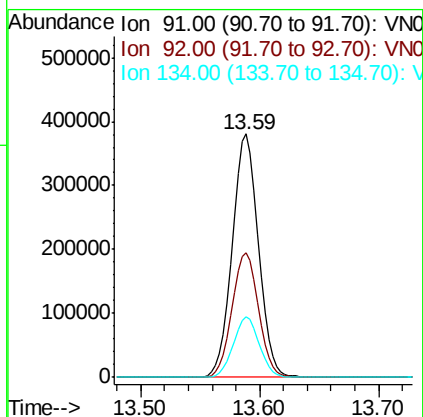
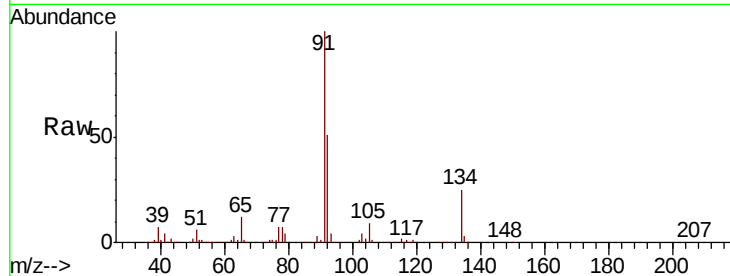




#89
n-Butylbenzene
Concen: 52.378 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

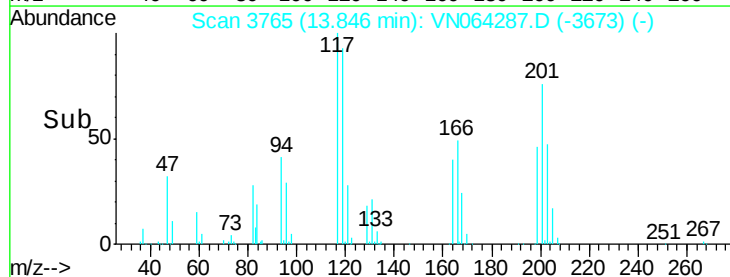
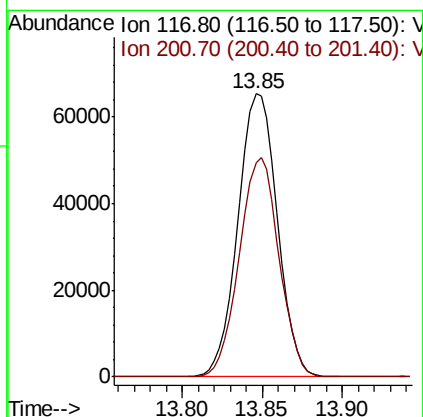
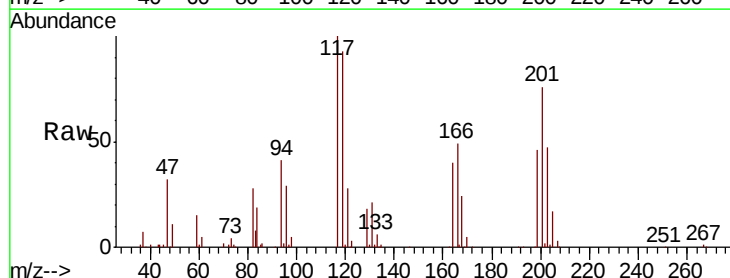
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

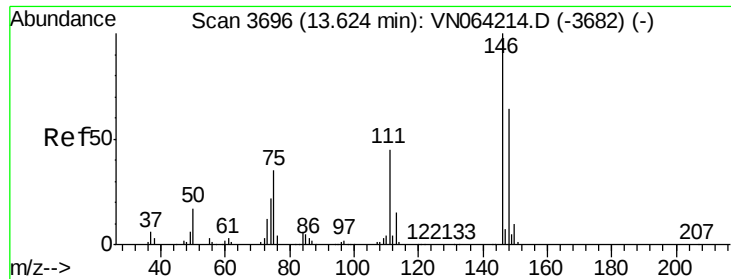
Tot Ion: 91 Resp: 580909
Ion Ratio Lower Upper
91 100
92 51.9 25.7 77.0
134 24.7 12.3 36.8



#90
Hexachloroethane
Concen: 48.876 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064287.D
Acq: 23 Oct 2020 15:32

Tgt Ion: 117 Resp: 109517
Ion Ratio Lower Upper
117 100
201 78.1 40.1 120.3

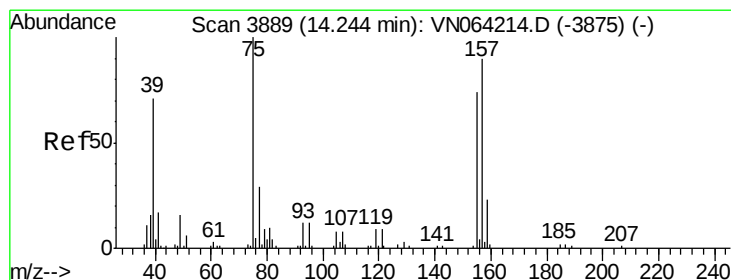
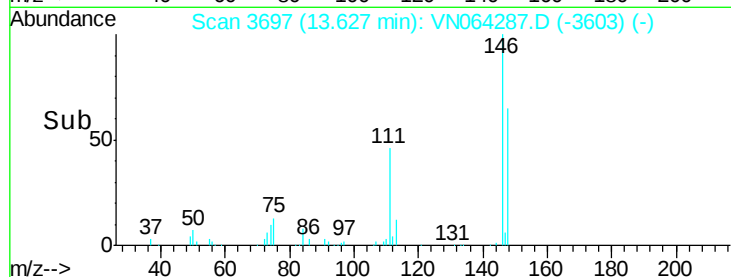
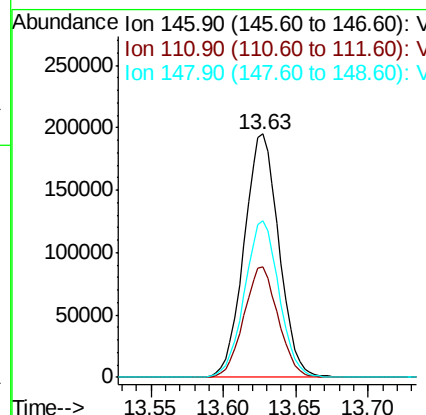
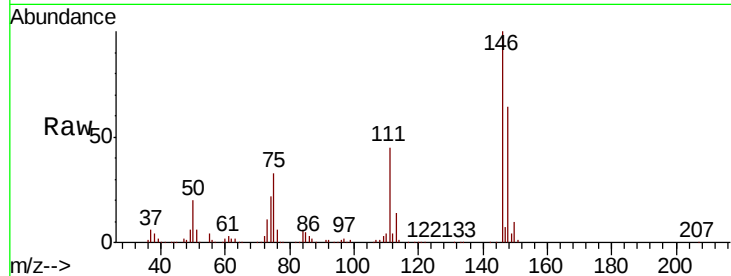




#91
 1,2-Dichlorobenzene
 Concen: 50.858 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

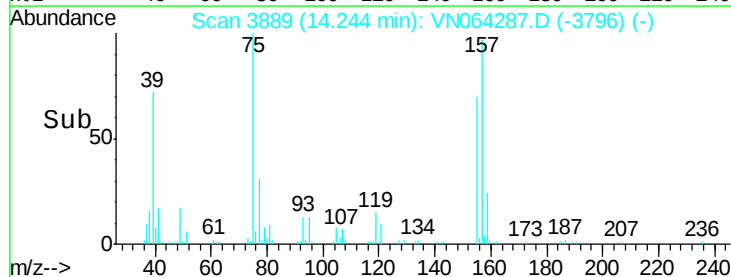
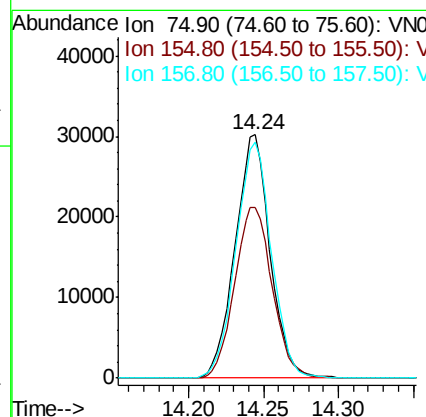
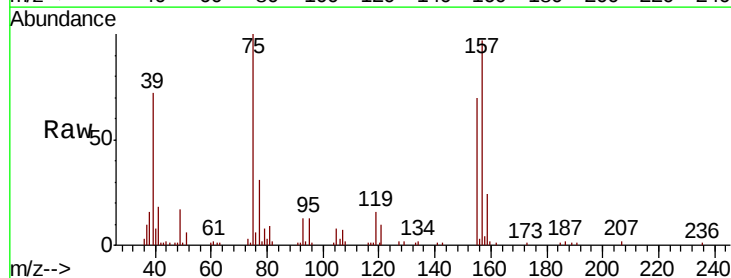
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

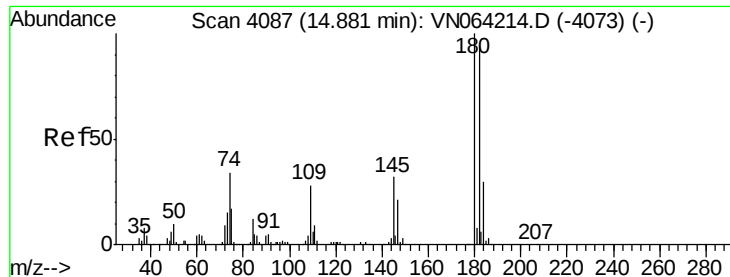
Tot Ion:146 Resp: 325871
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.9 68.7
 148 63.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.848 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion: 75 Resp: 49253
 Ion Ratio Lower Upper
 75 100
 155 75.1 36.9 110.7
 157 98.2 44.6 133.8

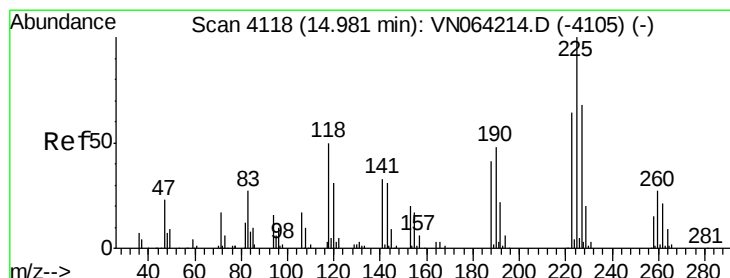
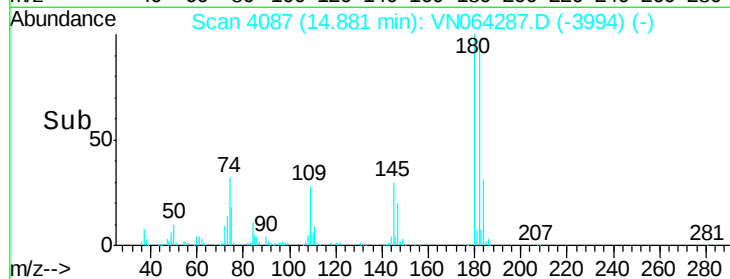
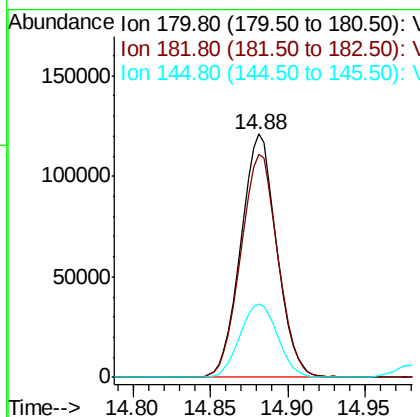
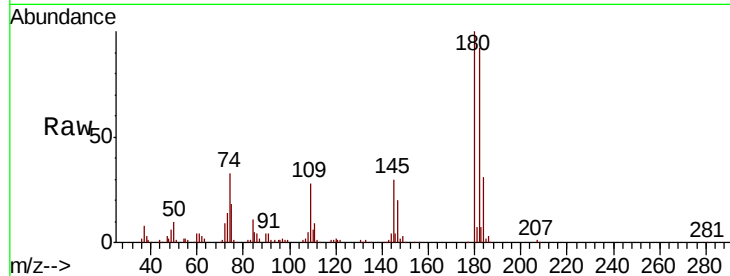




#93
 1,2,4-Trichlorobenzene
 Concen: 54.386 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

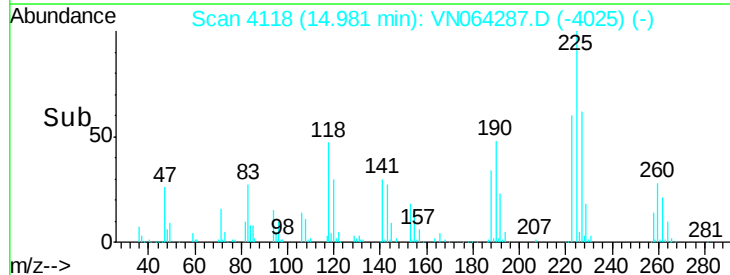
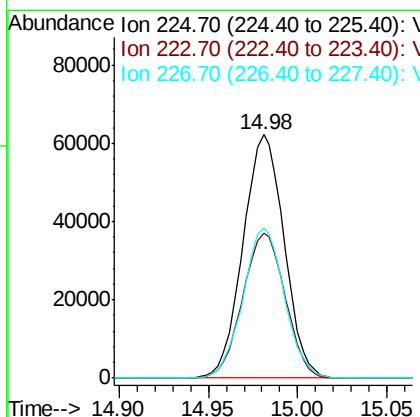
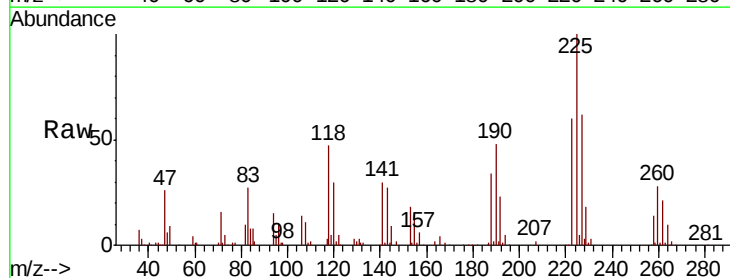
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

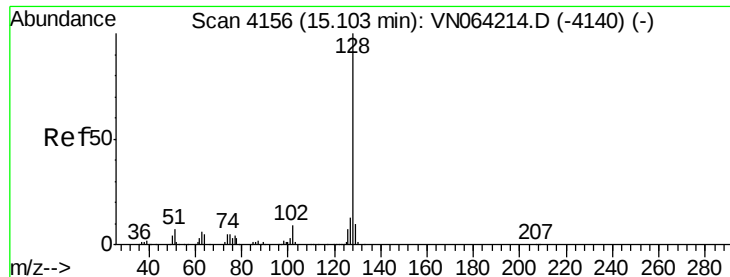
Tot Ion:180 Resp: 195450
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.7
 145 31.7 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 51.787 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064287.D
 Acq: 23 Oct 2020 15:32

Tgt Ion:225 Resp: 100378
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.5 94.5
 227 62.1 32.1 96.5





#95

Naphthalene

Concen: 52.943 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

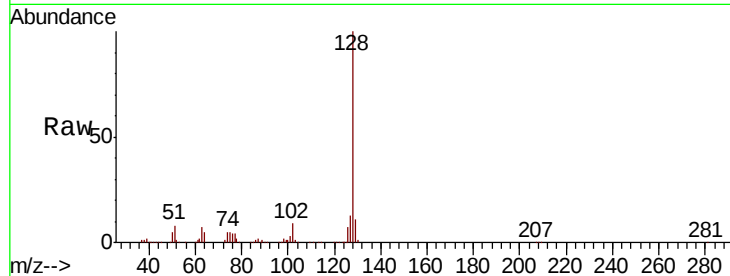
Tot Ion:128 Resp: 569779

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

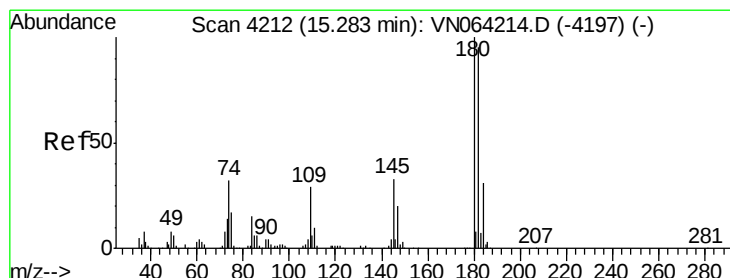
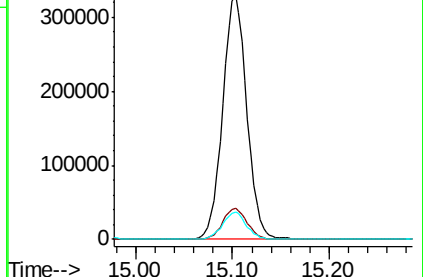
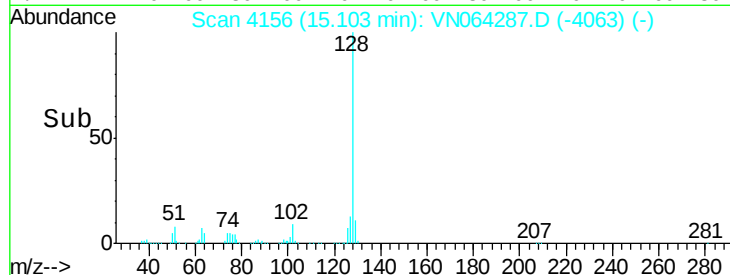
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.879 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064287.D

Acq: 23 Oct 2020 15:32

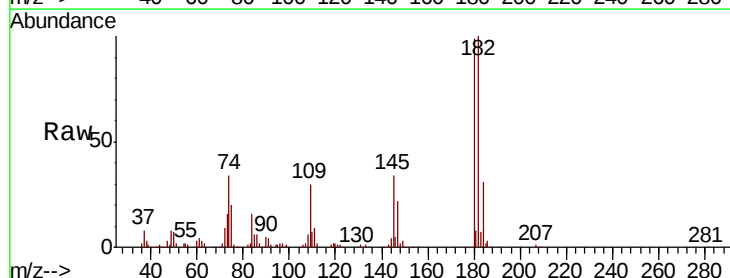
Tgt Ion:180 Resp: 181097

Ion Ratio Lower Upper

180 100

182 98.3 48.0 144.2

145 34.5 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

