

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064188.D
 Acq On : 17 Oct 2020 00:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 17 01:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	496015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	856387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	781225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	371981	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	393928	55.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.52%	
35) Dibromofluoromethane	7.55	113	292946	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	10.06	98	1129983	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	12.38	95	383554	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	238857	51.111	ug/l	99
3) Chloromethane	2.03	50	317031	54.465	ug/l	99
4) Vinyl Chloride	2.16	62	351330	48.490	ug/l	96
5) Bromomethane	2.54	94	289771	53.293	ug/l	96
6) Chloroethane	2.68	64	250491	43.486	ug/l	96
7) Trichlorofluoromethane	2.99	101	466954	46.857	ug/l	99
8) Diethyl Ether	3.37	74	165097	52.953	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	250654	51.237	ug/l	98
10) Methyl Iodide	3.91	142	312170	45.263	ug/l	99
11) Tert butyl alcohol	4.76	59	175842	224.810	ug/l	97
12) 1,1-Dichloroethene	3.70	96	232178	46.997	ug/l	91
13) Acrolein	3.58	56	41408	64.452	ug/l	94
14) Allyl chloride	4.28	41	409097	53.073	ug/l	98
15) Acrylonitrile	4.94	53	595533	265.172	ug/l	99
16) Acetone	3.79	43	546999	261.049	ug/l	97
17) Carbon Disulfide	4.01	76	709788	50.267	ug/l	100
18) Methyl Acetate	4.28	43	335673	63.862	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	750502	51.504	ug/l	99
20) Methylene Chloride	4.50	84	302358	46.634	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	274321	48.977	ug/l	89
22) Diisopropyl ether	5.90	45	880323	58.789	ug/l	96
23) Vinyl Acetate	5.84	43	3977929	297.398	ug/l	96
24) 1,1-Dichloroethane	5.80	63	548663	52.468	ug/l	99
25) 2-Butanone	6.79	43	849425	263.557	ug/l	96
26) 2,2-Dichloropropane	6.78	77	377119	43.347	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	309130	46.916	ug/l	94
28) Bromochloromethane	7.15	49	294413	59.111	ug/l #	100
29) Tetrahydrofuran	7.17	42	510173	270.850	ug/l	93
30) Chloroform	7.33	83	556232	49.930	ug/l	99
31) Cyclohexane	7.61	56	385297	49.337	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	475044	49.349	ug/l	97
36) 1,1-Dichloropropene	7.75	75	401968	48.697	ug/l	98
37) Ethyl Acetate	6.88	43	399356	54.515	ug/l	97
38) Carbon Tetrachloride	7.74	117	410791	46.281	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	344709	49.674	ug/l	93
40) Benzene	8.00	78	1212954	48.524	ug/l	99
41) Methacrylonitrile	7.12	41	187288	59.053	ug/l	89
42) 1,2-Dichloroethane	8.08	62	450161	50.613	ug/l	99
43) Isopropyl Acetate	8.13	43	915894	75.343	ug/l #	78
44) Trichloroethene	8.80	130	304963	46.396	ug/l	100
45) 1,2-Dichloropropane	9.08	63	345719	52.788	ug/l	98
46) Dibromomethane	9.17	93	222091	47.799	ug/l	97
47) Bromodichloromethane	9.37	83	459456	50.541	ug/l	99
48) Methyl methacrylate	9.16	41	329926	58.756	ug/l	93
49) 1,4-Dioxane	9.19	88	74294	871.325	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	2032213	282.517	ug/l	96
52) Toluene	10.13	92	738238	48.065	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	518561	55.595	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	503457	49.123	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	309981	48.717	ug/l	99
56) Ethyl methacrylate	10.40	69	461159	50.019	ug/l	89
57) 1,3-Dichloropropane	10.68	76	530904	50.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1239626	263.679	ug/l	96
59) 2-Hexanone	10.72	43	1503408	269.835	ug/l	95
60) Dibromochloromethane	10.87	129	335046	46.876	ug/l	98
61) 1,2-Dibromoethane	10.98	107	306537	47.331	ug/l	99
64) Tetrachloroethene	10.60	164	282263	47.923	ug/l	97
65) Chlorobenzene	11.41	112	780113	47.419	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	303770	48.635	ug/l	99
67) Ethyl Benzene	11.48	91	1414121	51.313	ug/l	99
68) m/p-Xylenes	11.59	106	1047823	92.401	ug/l	96
69) o-Xylene	11.92	106	486806	44.945	ug/l	98
70) Styrene	11.94	104	883211	47.233	ug/l	99
71) Bromoform	12.10	173	224542	43.690	ug/l	99
73) Isopropylbenzene	12.22	105	1270169	47.140	ug/l	99
74) N-amyl acetate	12.05	43	629262	62.362	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	428284	46.167	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	564441	64.678	ug/l #	100
77) Bromobenzene	12.50	156	320189	43.772	ug/l	87
78) n-propylbenzene	12.57	91	1537073	51.110	ug/l	98
79) 2-Chlorotoluene	12.65	91	903206	47.222	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	1081583	50.010	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	142759	49.978	ug/l	97
82) 4-Chlorotoluene	12.75	91	977967	50.732	ug/l	96
83) tert-Butylbenzene	12.97	119	843625	47.166	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	1098979	48.757	ug/l	98
85) sec-Butylbenzene	13.14	105	1131175	49.196	ug/l	99
86) p-Isopropyltoluene	13.26	119	1031944	47.484	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	573259	47.035	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	582082	46.695	ug/l	98
89) n-Butylbenzene	13.59	91	944325	56.362	ug/l	98
90) Hexachloroethane	13.85	117	166514	43.514	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	568180	46.839	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88979	49.835	ug/l	89

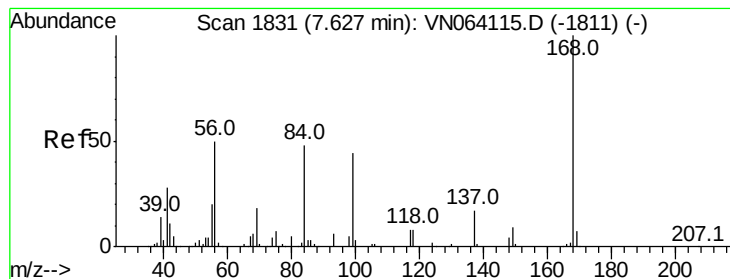
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	320844	53.618	ug/l	98
94) Hexachlorobutadiene	14.98	225	143430	49.634	ug/l	98
95) Naphthalene	15.10	128	1012520	55.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	310931	52.239	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

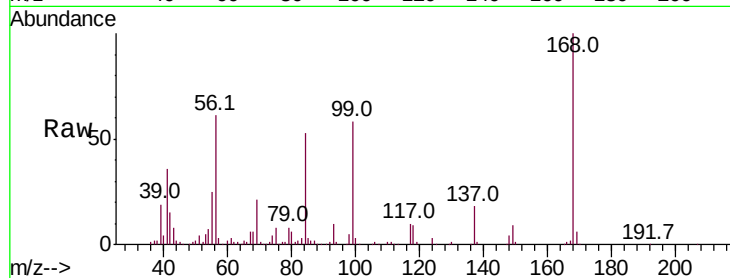
VSTDCCC050EC

Tot Ion:168 Resp: 496015

Ion Ratio Lower Upper

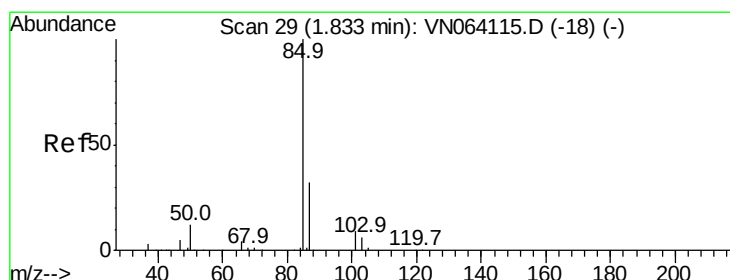
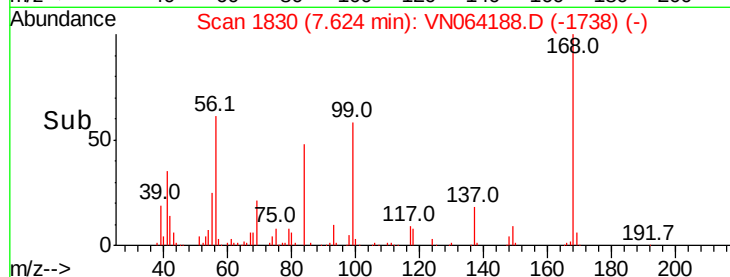
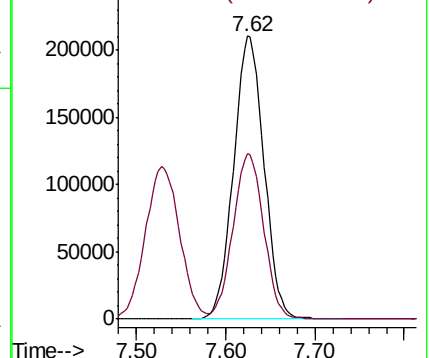
168 100

99 58.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 51.111 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064188.D

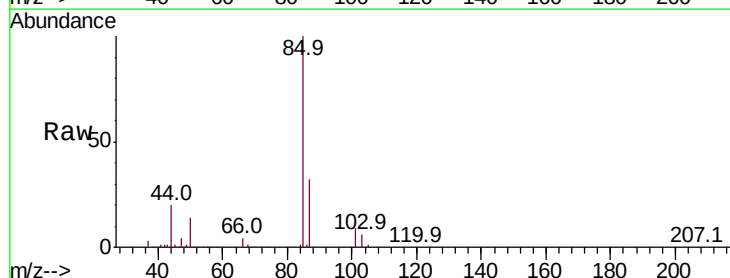
Acq: 17 Oct 2020 00:39

Tgt Ion: 85 Resp: 238857

Ion Ratio Lower Upper

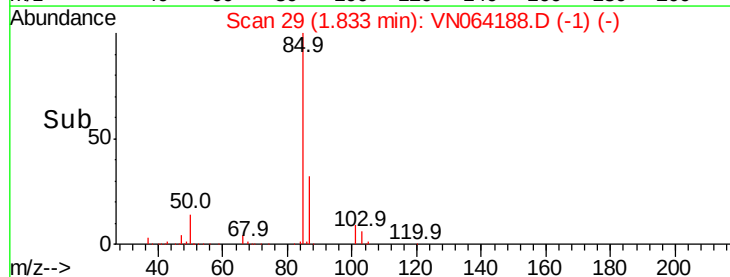
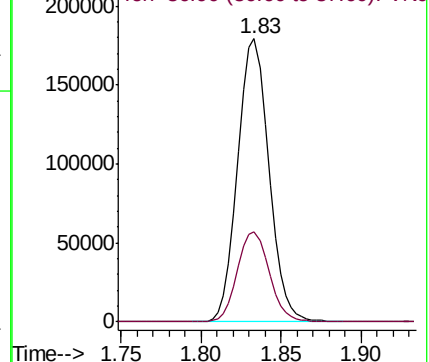
85 100

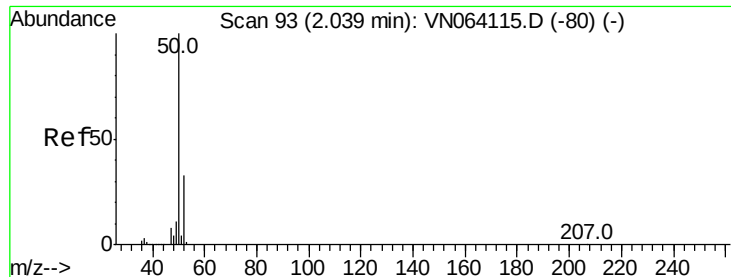
87 31.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 54.465 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

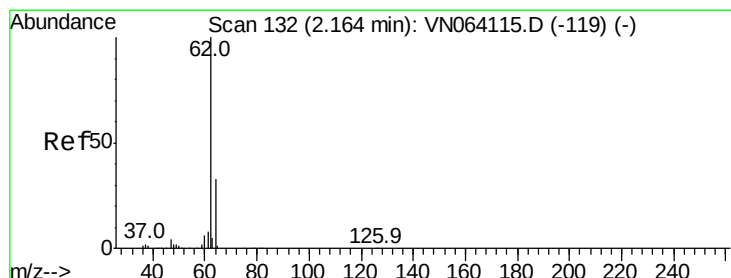
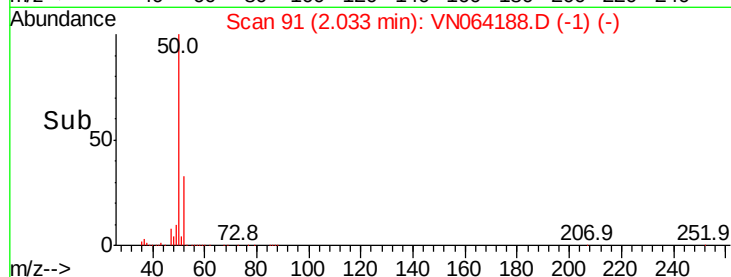
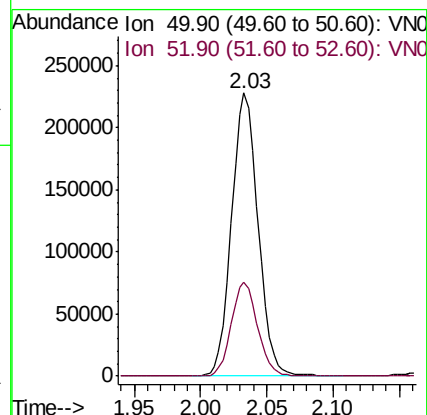
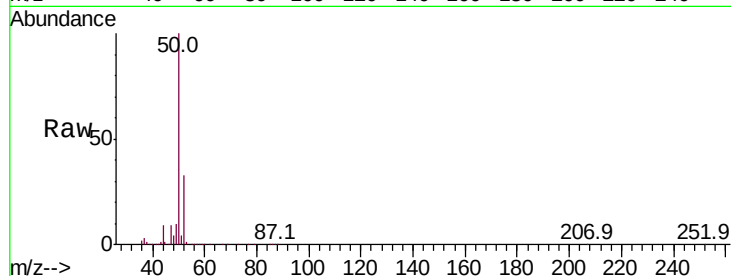
VSTDCCC050EC

Tot Ion: 50 Resp: 317031

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1



#4

Vinyl Chloride

Concen: 48.490 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064188.D

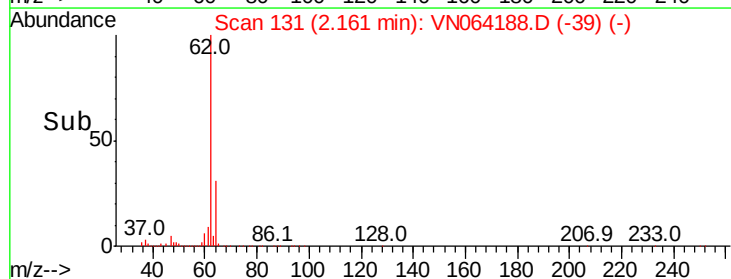
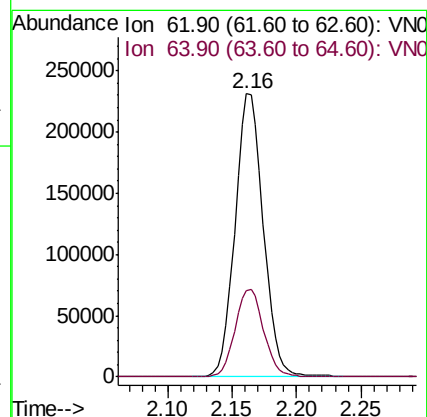
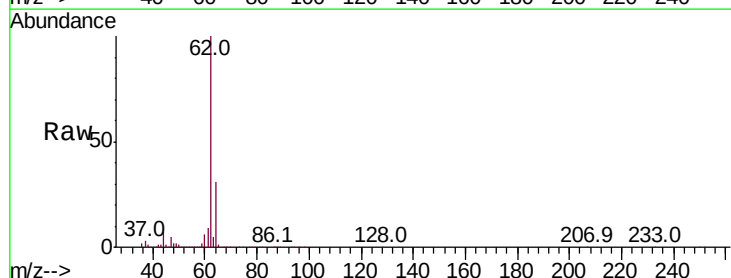
Acq: 17 Oct 2020 00:39

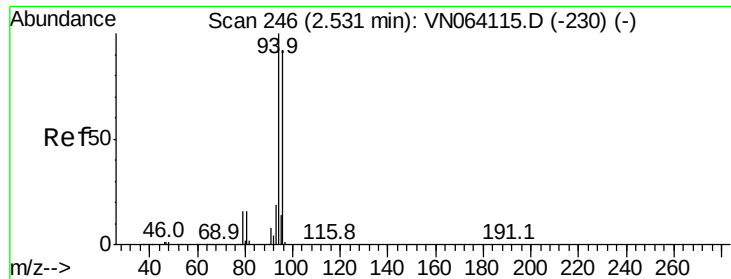
Tgt Ion: 62 Resp: 351330

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.4





#5

Bromomethane

Concen: 53.293 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

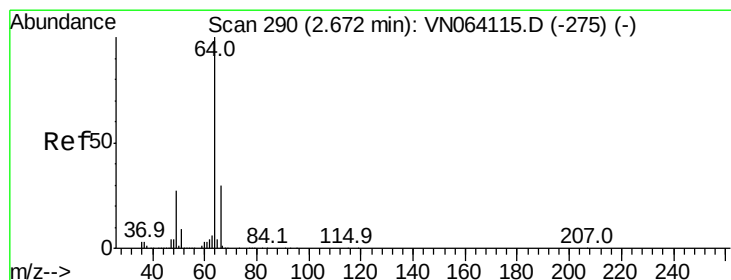
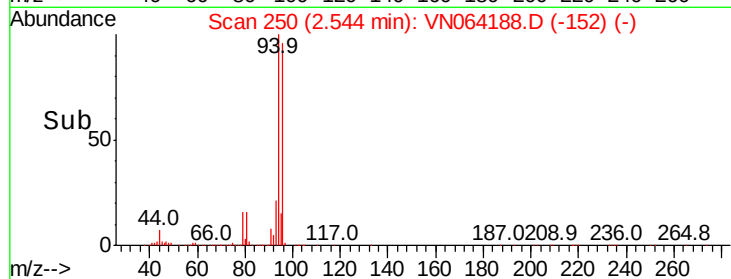
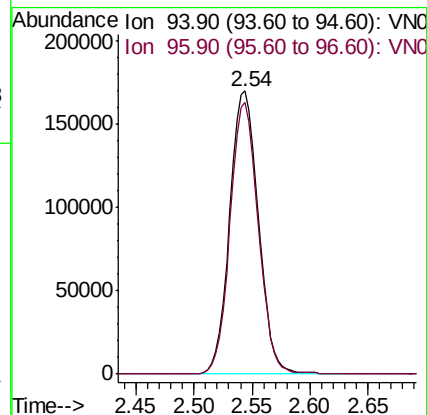
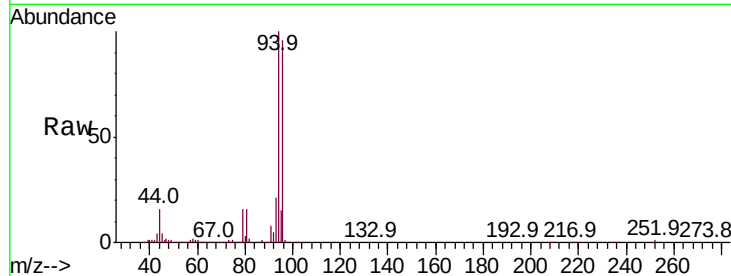
VSTDCCC050EC

Tot Ion: 94 Resp: 289771

Ion Ratio Lower Upper

94 100

96 95.8 73.5 110.3



#6

Chloroethane

Concen: 43.486 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064188.D

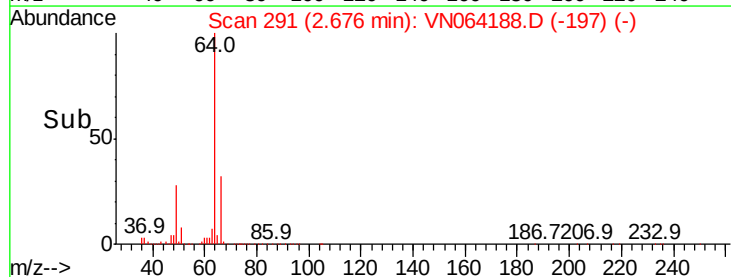
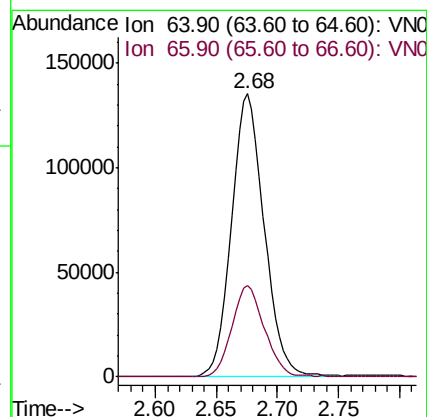
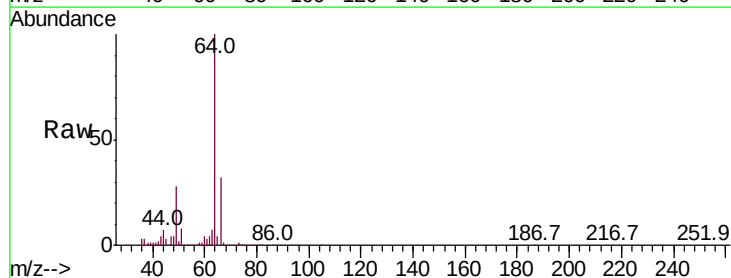
Acq: 17 Oct 2020 00:39

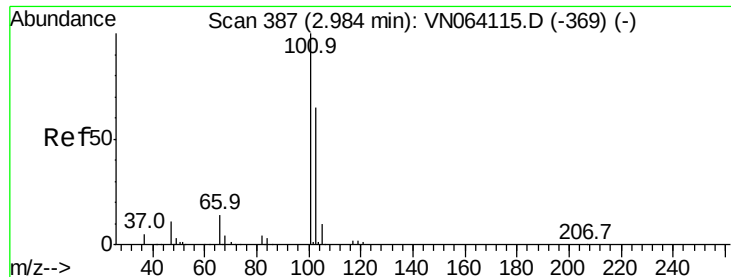
Tgt Ion: 64 Resp: 250491

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2



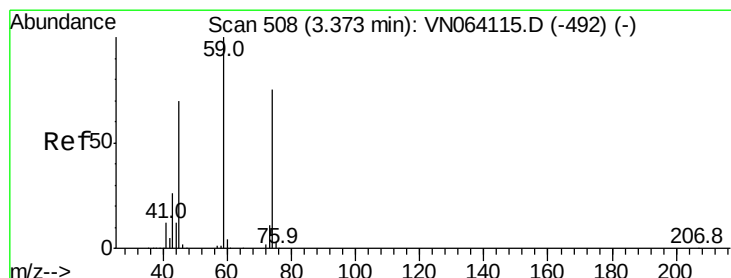
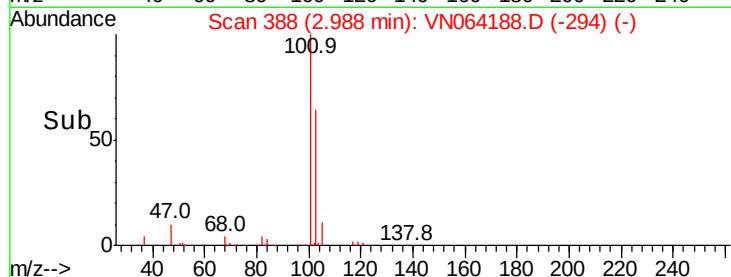
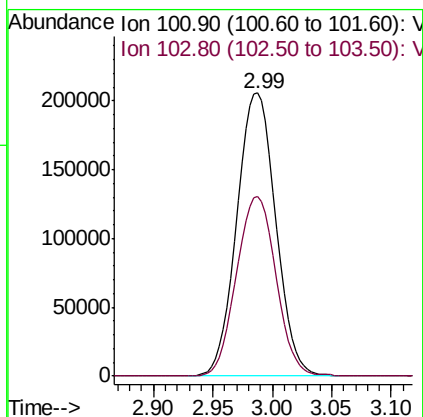
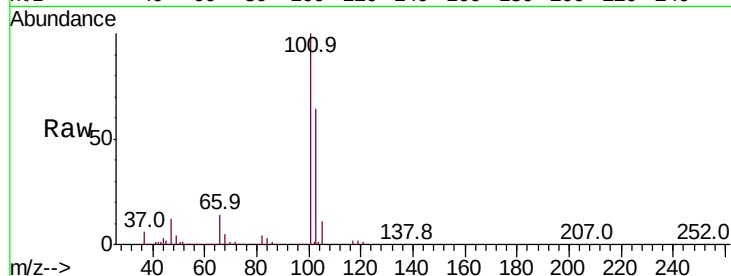


#7

Trichlorofluoromethane
Concen: 46.857 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

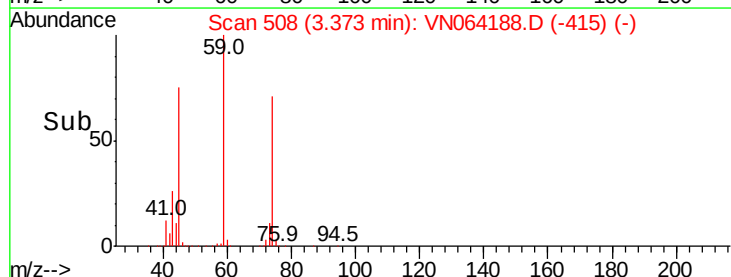
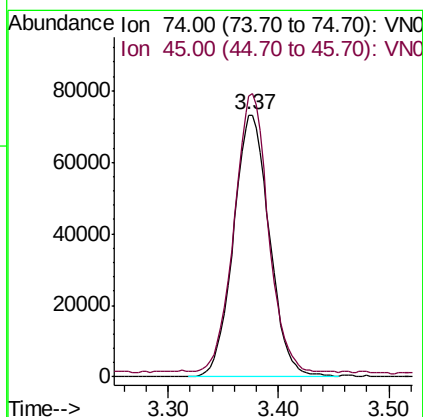
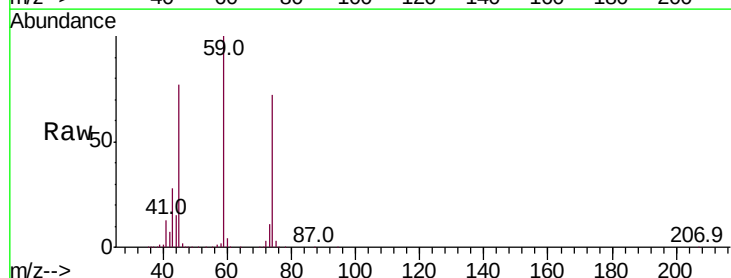
Tot Ion:101 Resp: 466954
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6

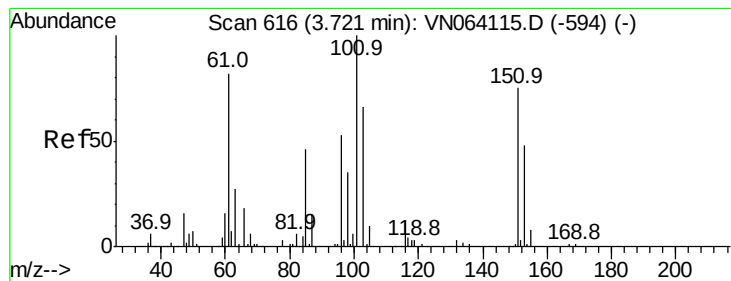


#8

Diethyl Ether
Concen: 52.953 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 74 Resp: 165097
Ion Ratio Lower Upper
74 100
45 100.2 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.237 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

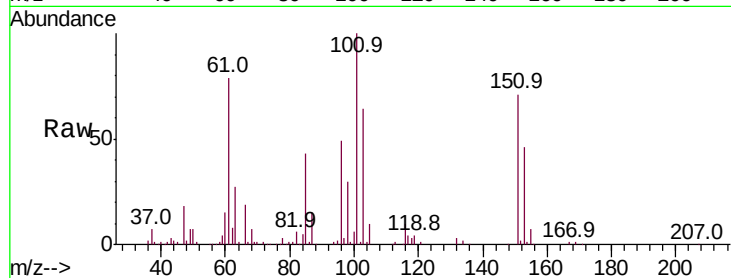
Tot Ion:101 Resp: 250654

Ion Ratio Lower Upper

101 100

85 45.3 36.9 55.3

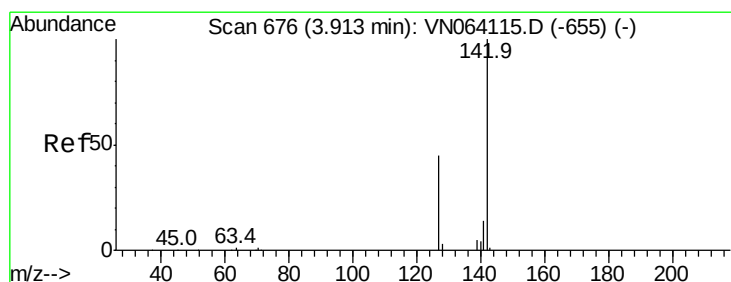
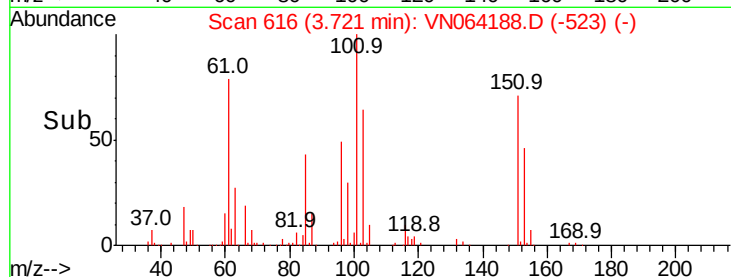
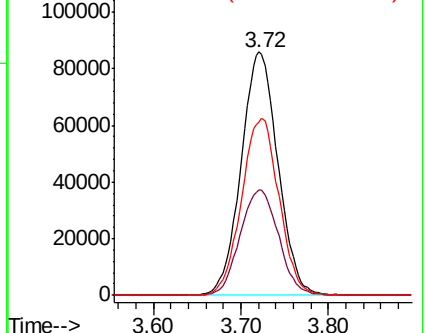
151 74.2 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.263 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

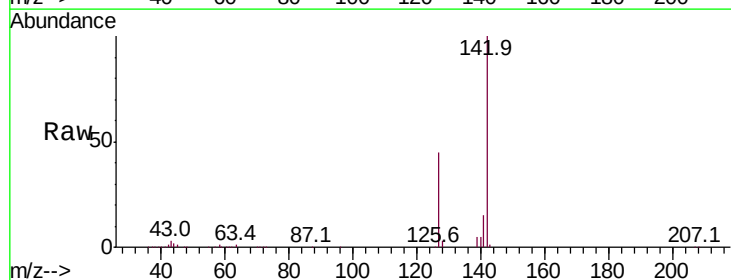
Tgt Ion:142 Resp: 312170

Ion Ratio Lower Upper

142 100

127 45.7 36.3 54.5

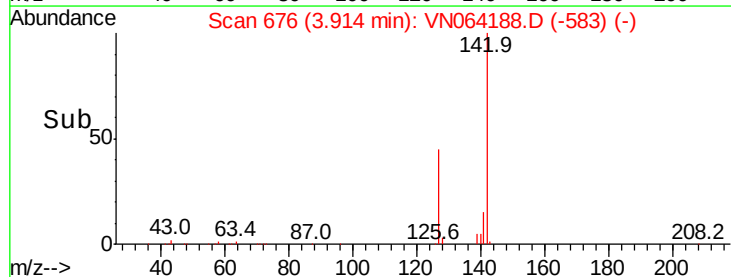
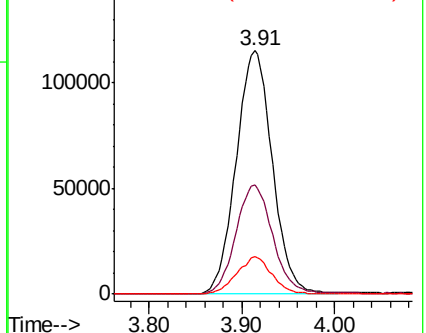
141 15.0 11.6 17.4

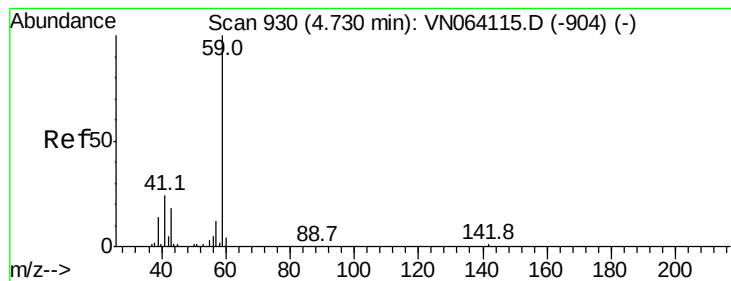


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



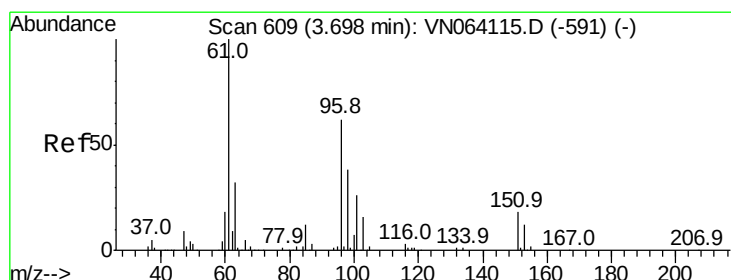
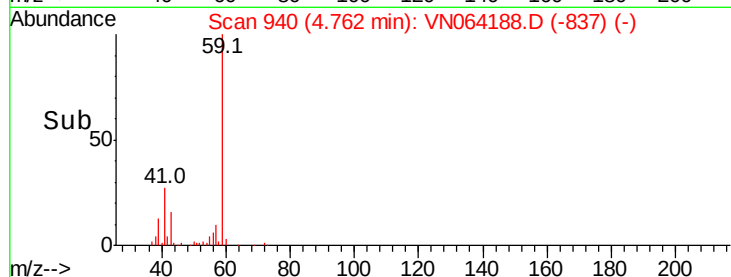
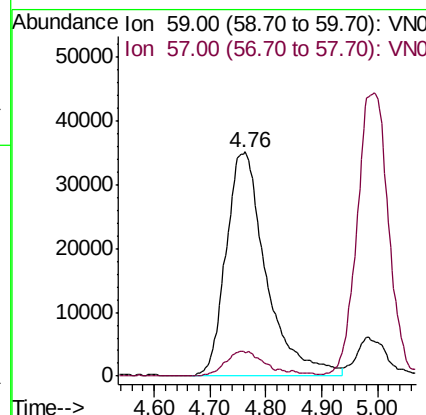
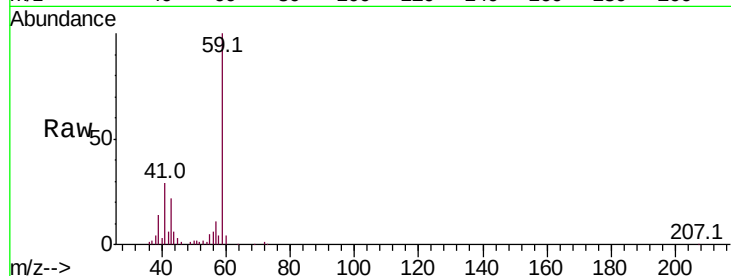


#11

Tert butyl alcohol
 Concen: 224.810 ug/l
 RT: 4.76 min Scan# 940
 Delta R.T. 0.03 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

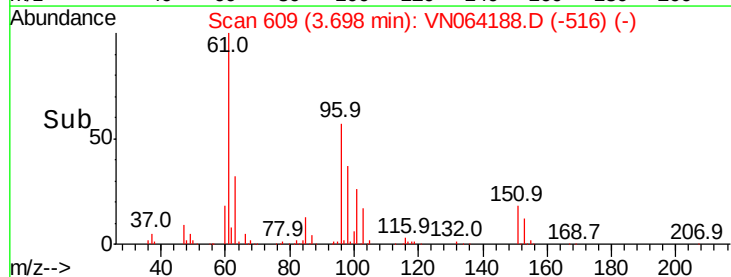
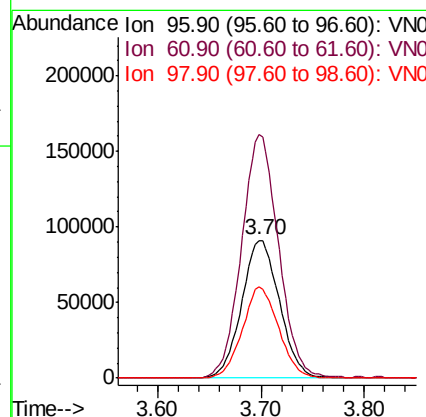
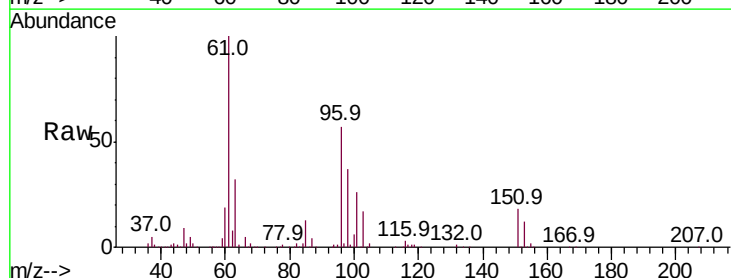
Tot Ion: 59 Resp: 175842
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.9 13.3

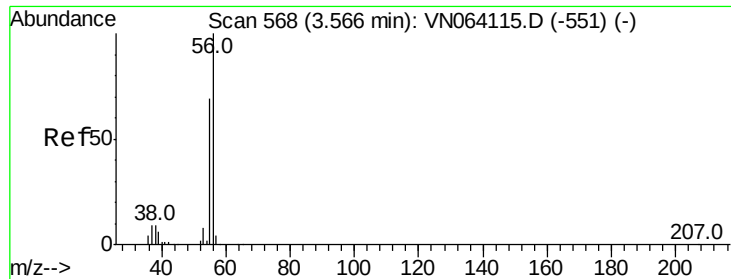


#12

1,1-Dichloroethene
 Concen: 46.997 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion: 96 Resp: 232178
 Ion Ratio Lower Upper
 96 100
 61 176.7 129.9 194.9
 98 65.8 48.9 73.3





#13

Acrolein

Concen: 64.452 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

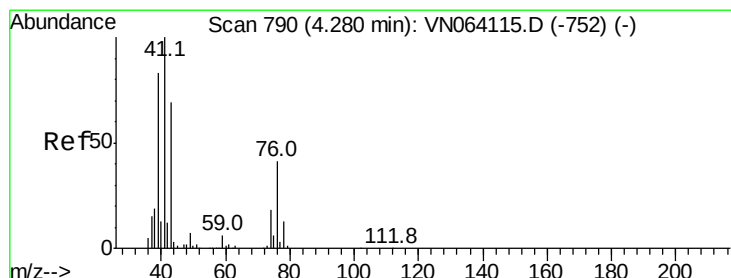
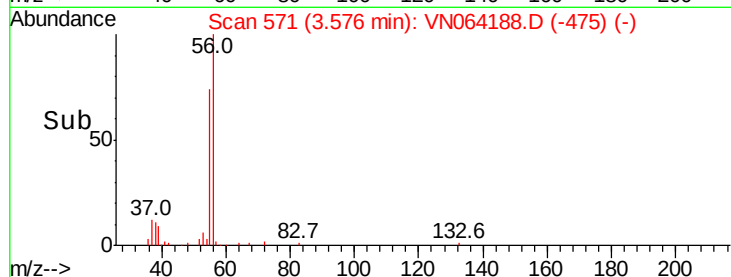
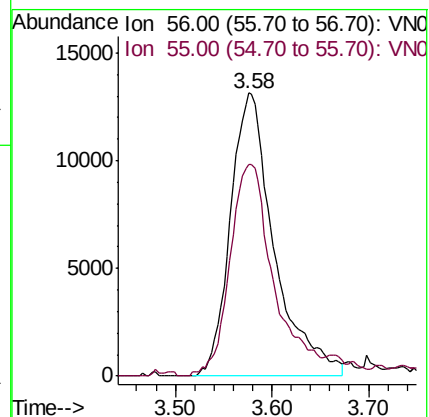
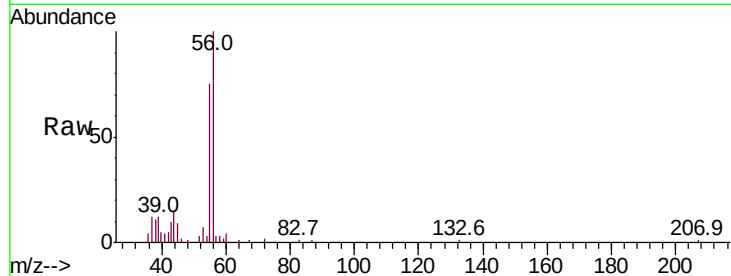
VSTDCCC050EC

Tot Ion: 56 Resp: 41408

Ion Ratio Lower Upper

56 100

55 74.4 55.8 83.6



#14

Allyl chloride

Concen: 53.073 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

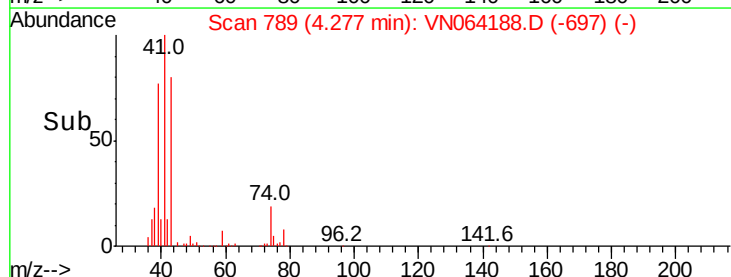
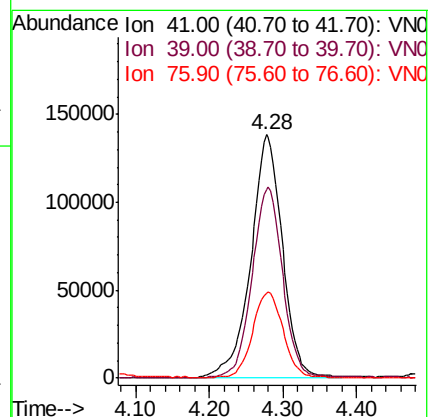
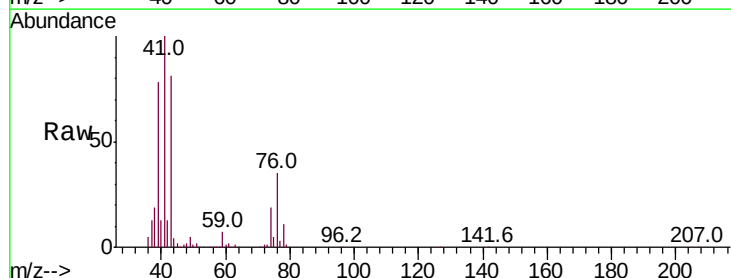
Tgt Ion: 41 Resp: 409097

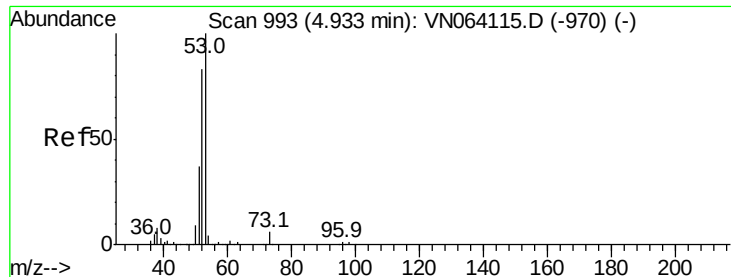
Ion Ratio Lower Upper

41 100

39 76.0 60.5 90.7

76 33.9 29.5 44.3





#15

Acrylonitrile

Concen: 265.172 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

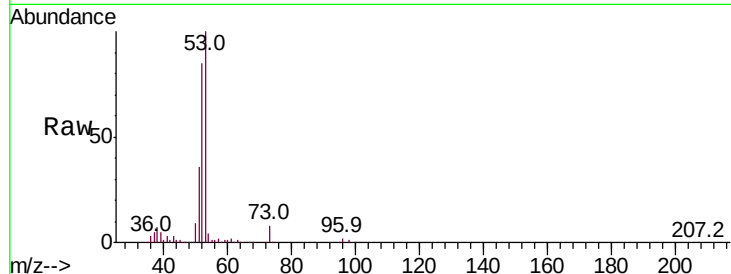
Tot Ion: 53 Resp: 595533

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.6

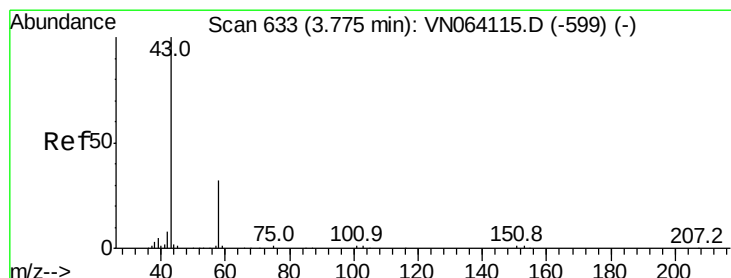
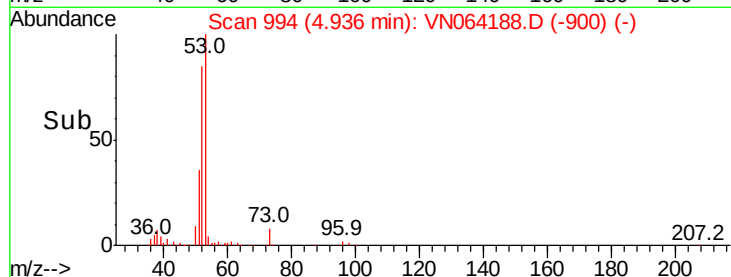
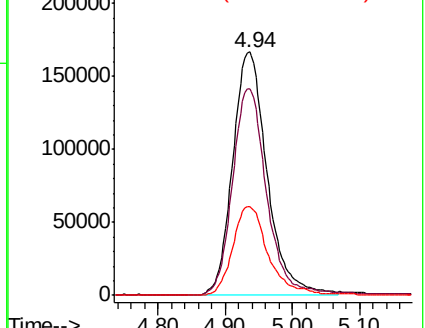
51 37.2 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 261.049 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064188.D

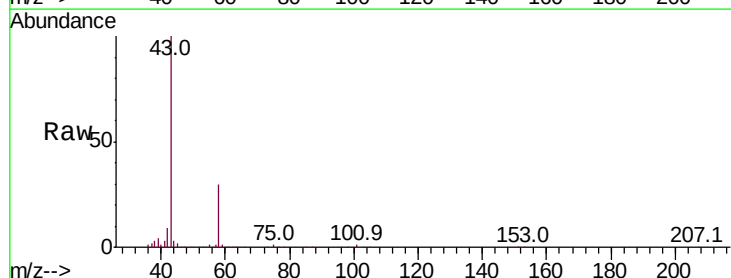
Acq: 17 Oct 2020 00:39

Tgt Ion: 43 Resp: 546999

Ion Ratio Lower Upper

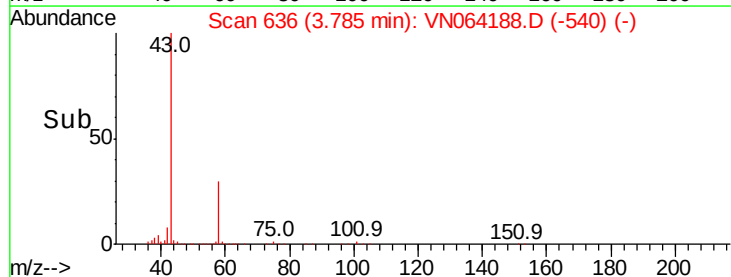
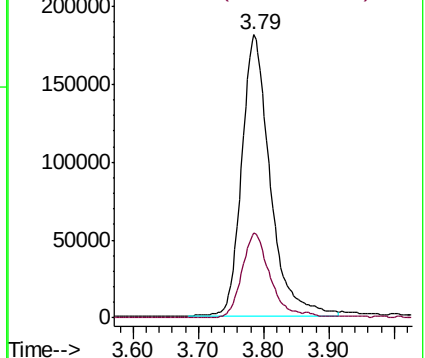
43 100

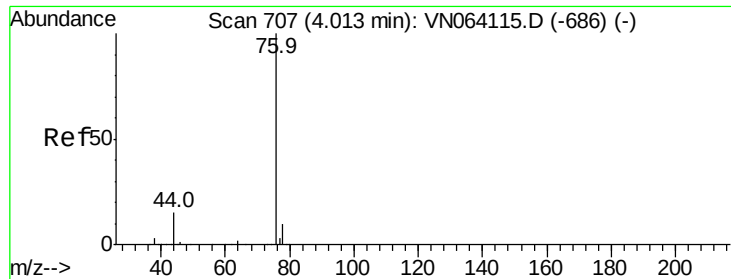
58 30.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

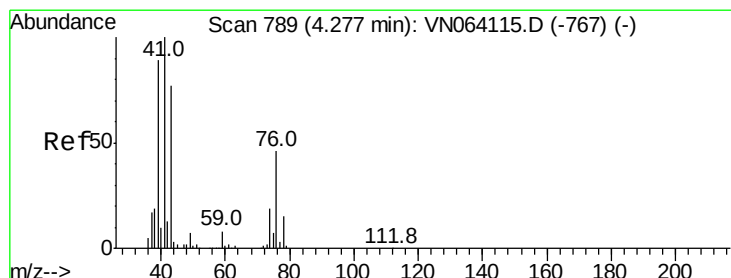
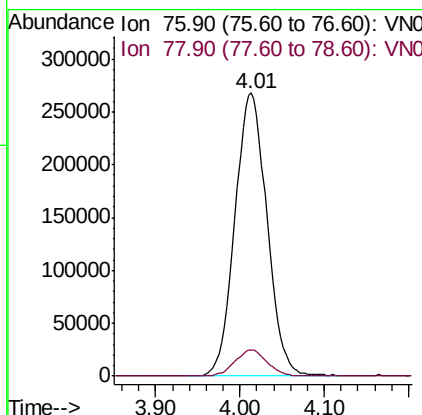
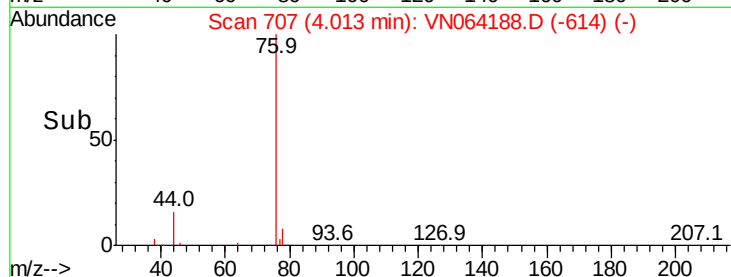
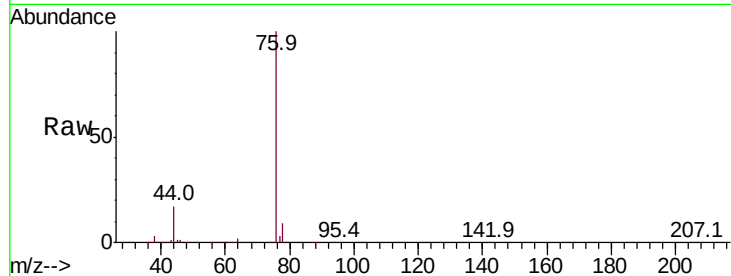




#17
Carbon Disulfide
Concen: 50.267 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

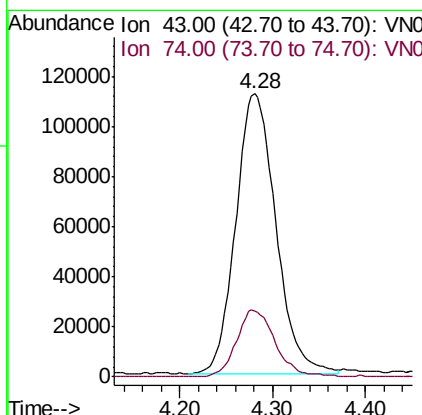
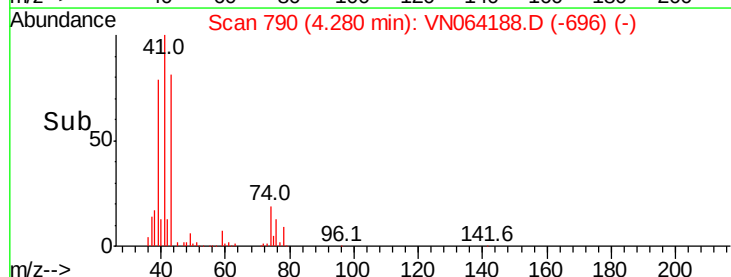
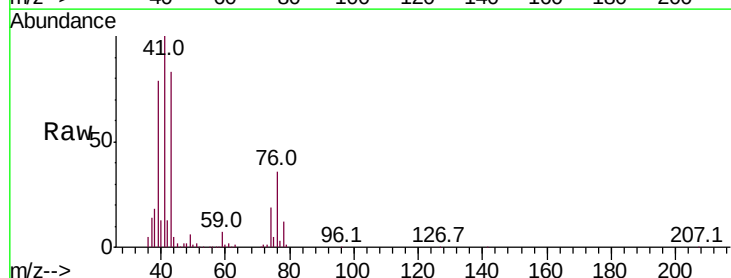
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

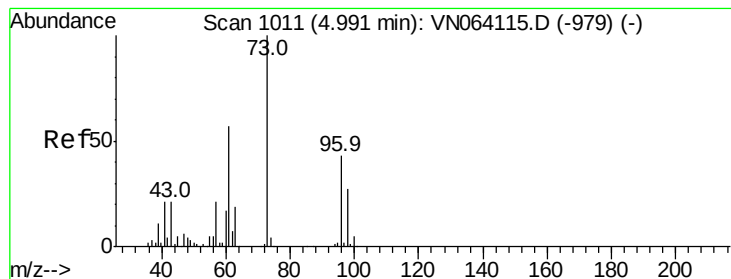
Tot Ion: 76 Resp: 709788
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 63.862 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 43 Resp: 335673
Ion Ratio Lower Upper
43 100
74 23.2 19.7 29.5



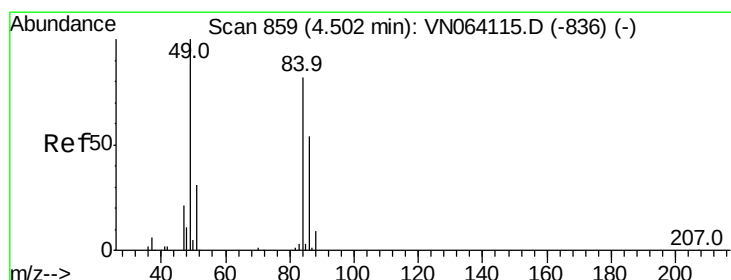
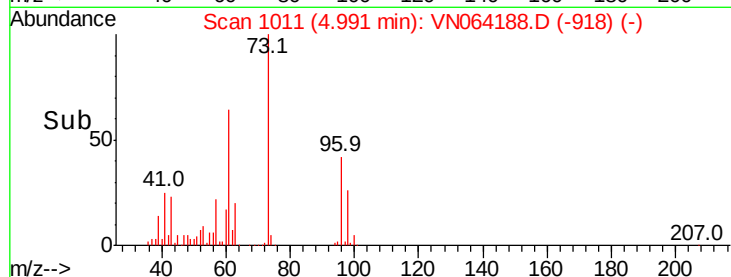
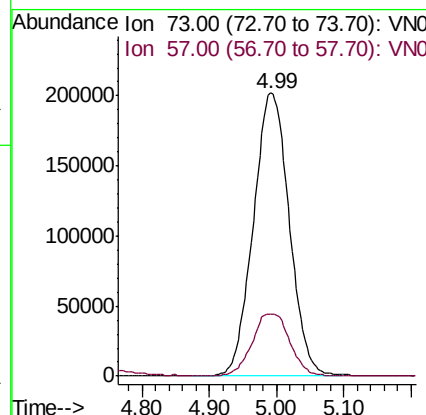
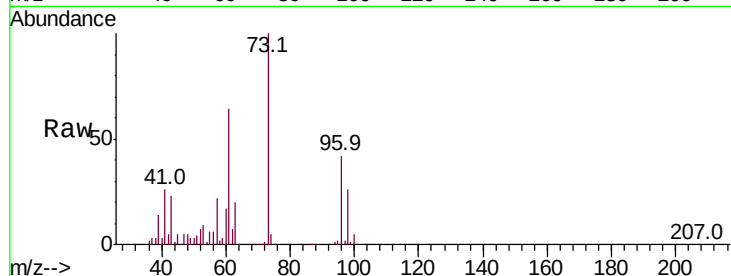


#19

Methyl tert-butyl Ether
 Concen: 51.504 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

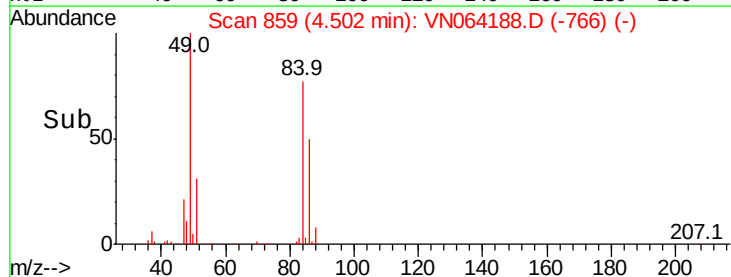
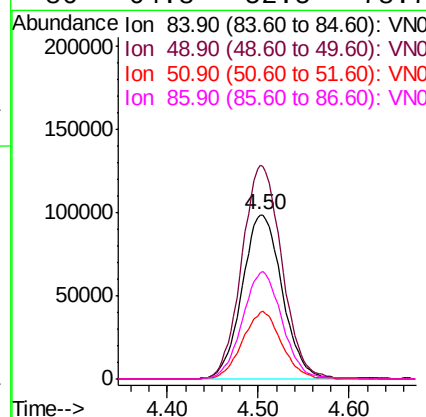
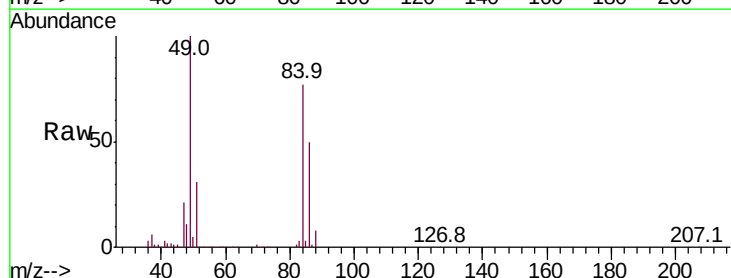
Tot Ion: 73 Resp: 750502
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.0 25.4

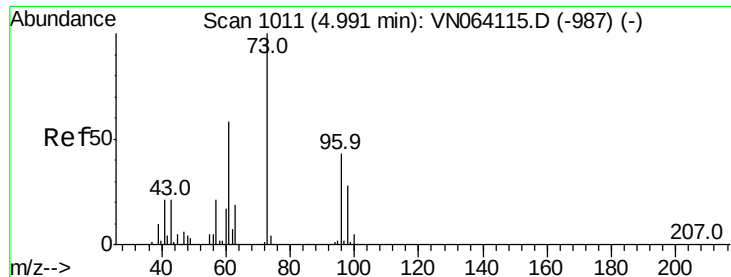


#20

Methylene Chloride
 Concen: 46.634 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion: 84 Resp: 302358
 Ion Ratio Lower Upper
 84 100
 49 130.1 97.4 146.0
 51 40.5 29.7 44.5
 86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.977 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

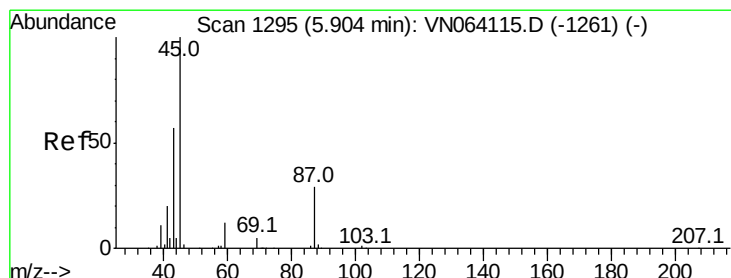
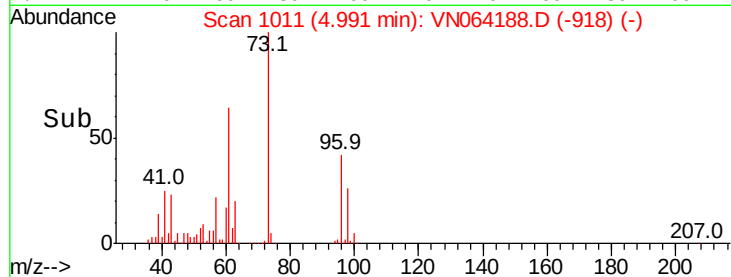
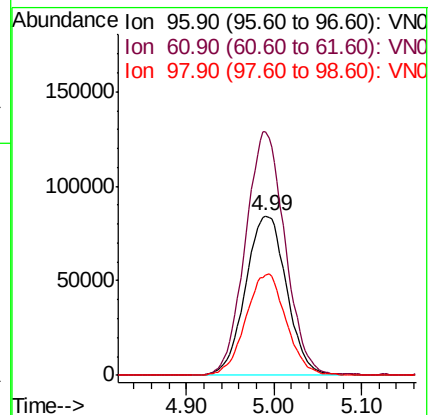
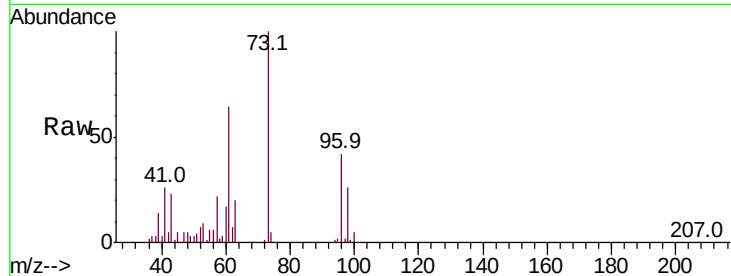
Tot Ion: 96 Resp: 274321

Ion Ratio Lower Upper

96 100

61 153.0 107.0 160.4

98 62.9 51.0 76.6



#22

Diisopropyl ether

Concen: 58.789 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Tgt Ion: 45 Resp: 880323

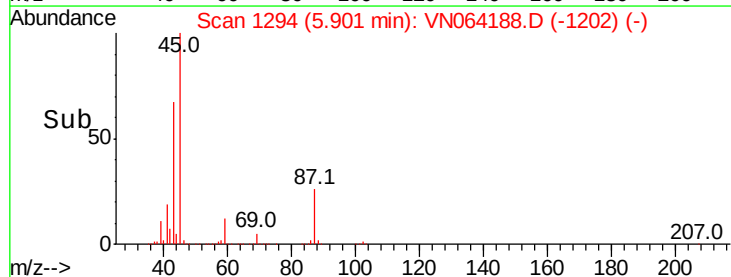
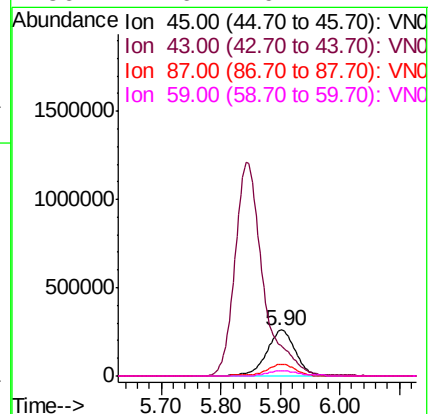
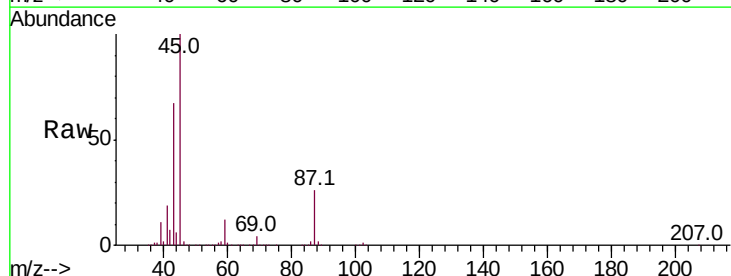
Ion Ratio Lower Upper

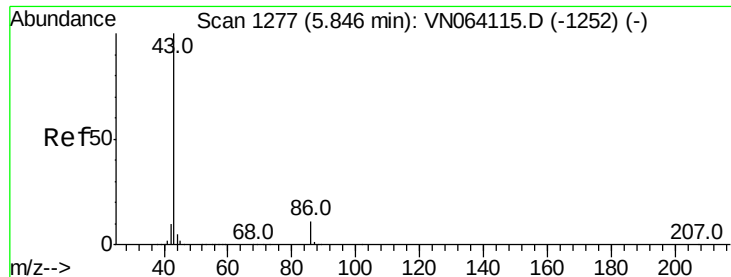
45 100

43 66.6 50.9 76.3

87 26.2 23.5 35.3

59 11.6 9.4 14.2





#23

Vinyl Acetate

Concen: 297.398 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

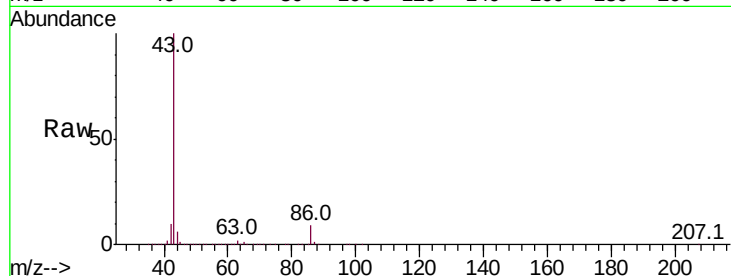
VSTDCCC050EC

Tot Ion: 43 Resp: 3977929

Ion Ratio Lower Upper

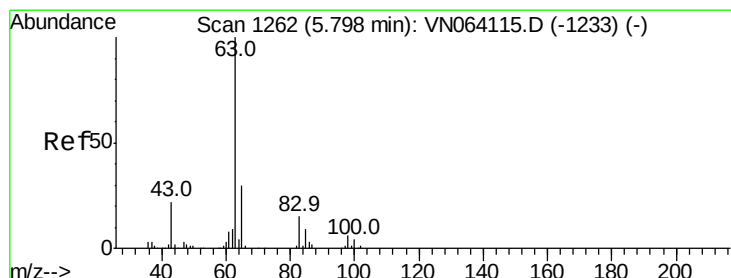
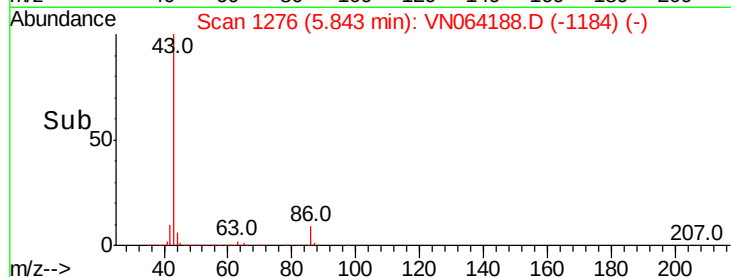
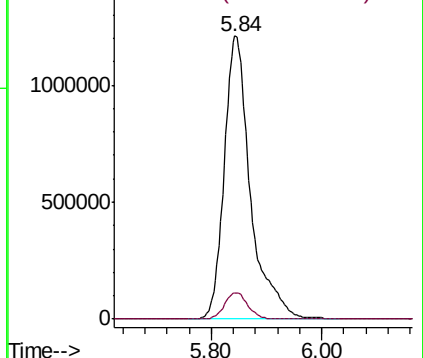
43 100

86 9.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.468 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

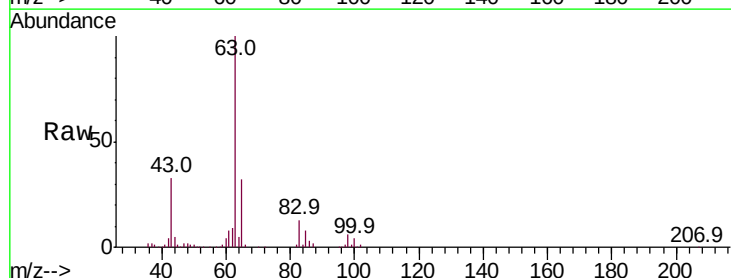
Tgt Ion: 63 Resp: 548663

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

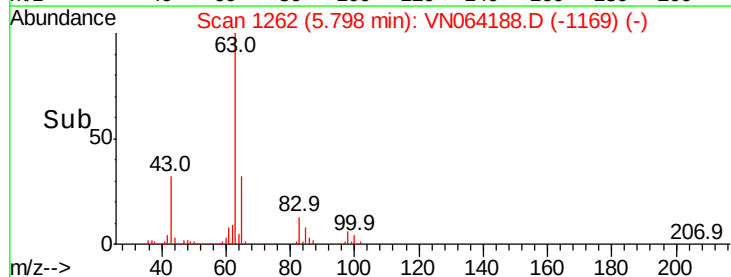
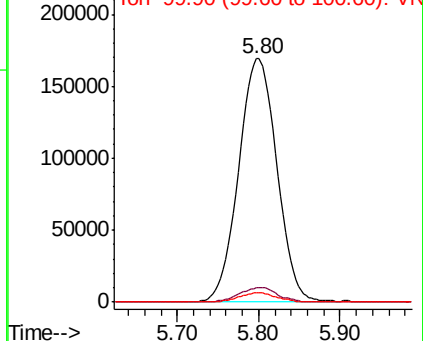
100 4.1 2.1 6.2

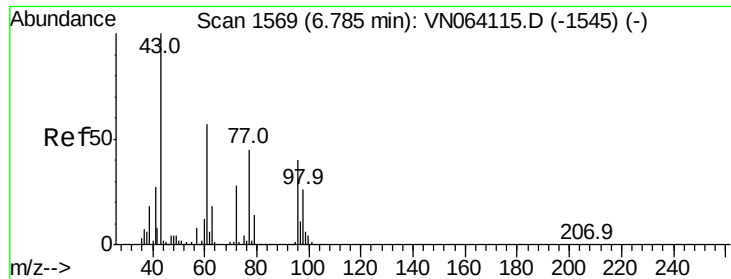


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 263.557 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

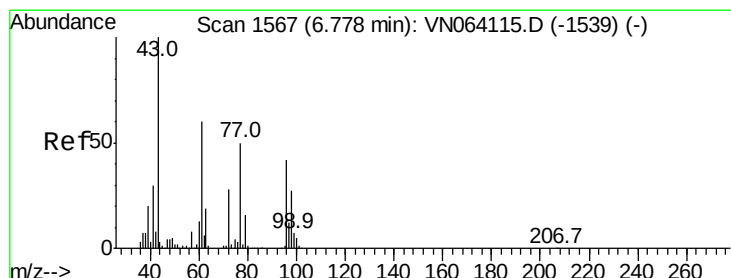
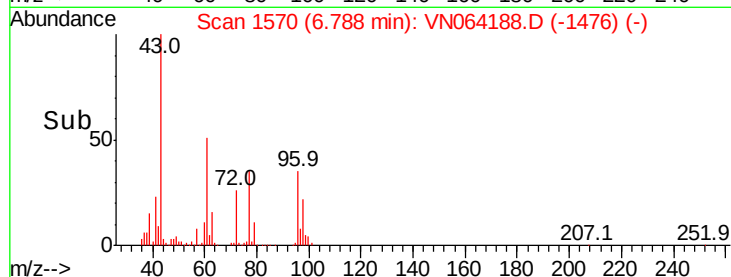
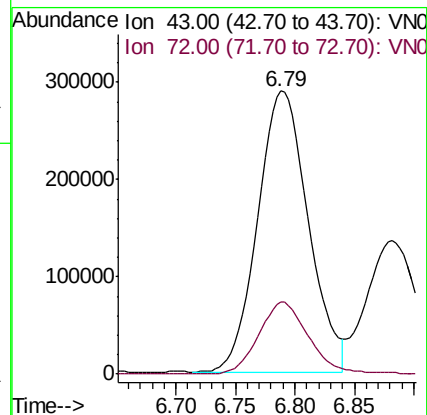
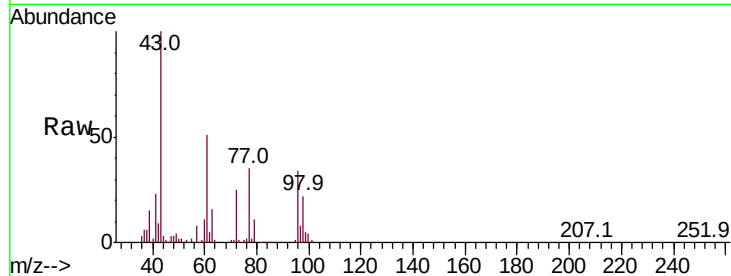
VSTDCCC050EC

Tot Ion: 43 Resp: 849425

Ion Ratio Lower Upper

43 100

72 25.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 43.347 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064188.D

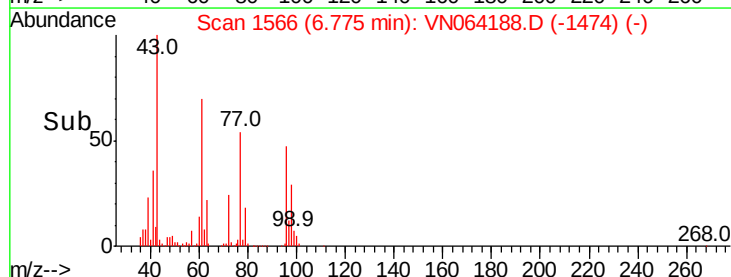
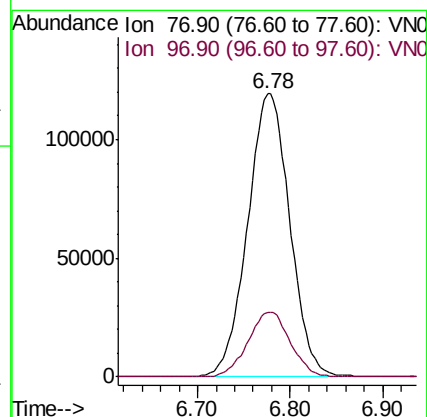
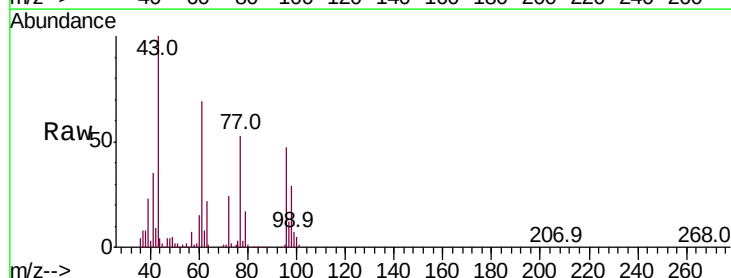
Acq: 17 Oct 2020 00:39

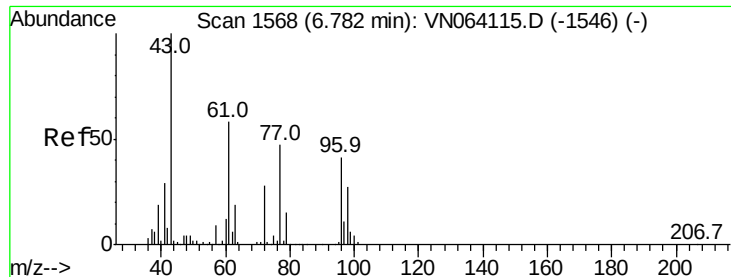
Tgt Ion: 77 Resp: 377119

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 46.916 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

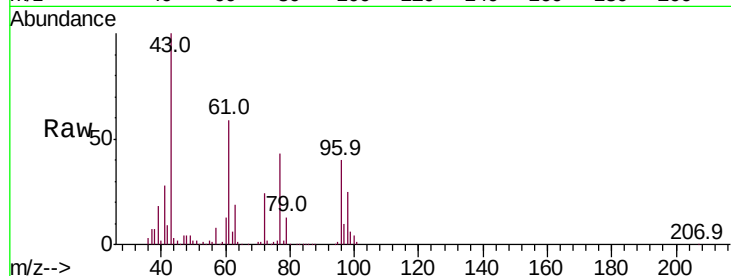
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 309130

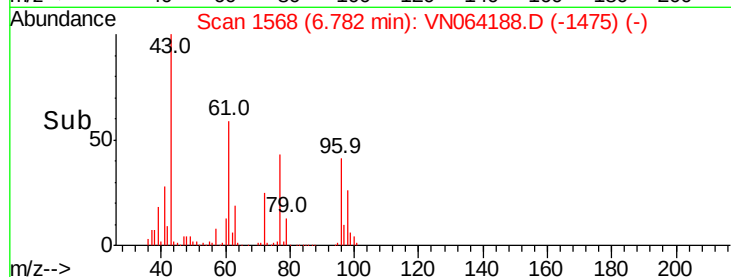
Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	285.6
98	64.6	0.0	131.0



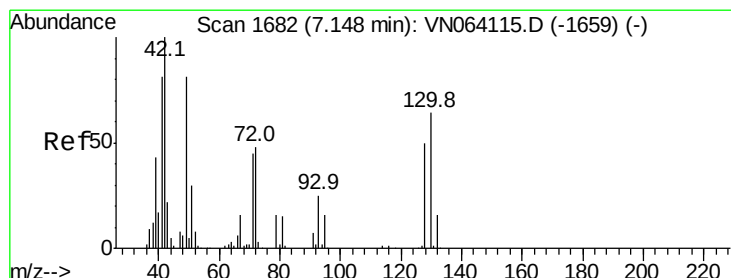
Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->



#28

Bromochloromethane

Concen: 59.111 ug/l

RT: 7.15 min Scan# 1683

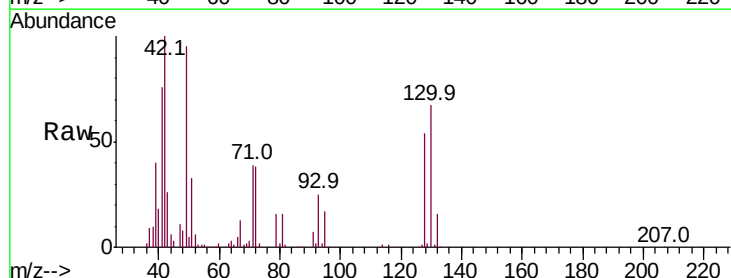
Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Tgt Ion: 49 Resp: 294413

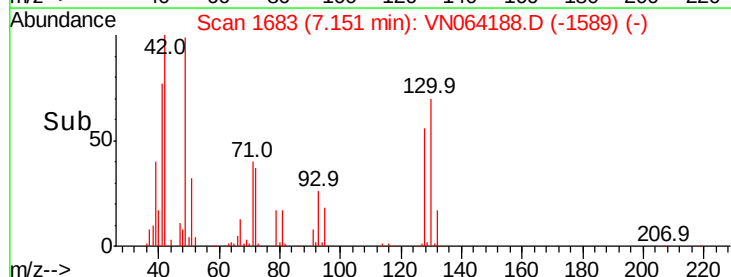
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.0
130	68.9	0.0	0.0#



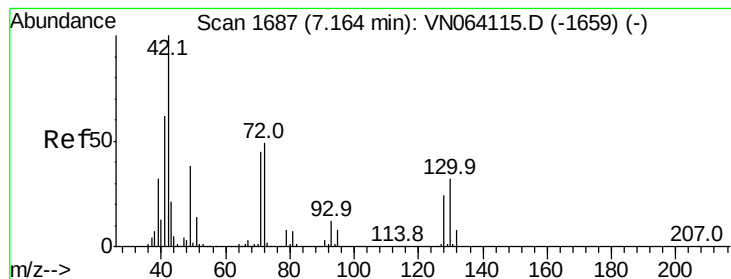
Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->



#29

Tetrahydrofuran

Concen: 270.850 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

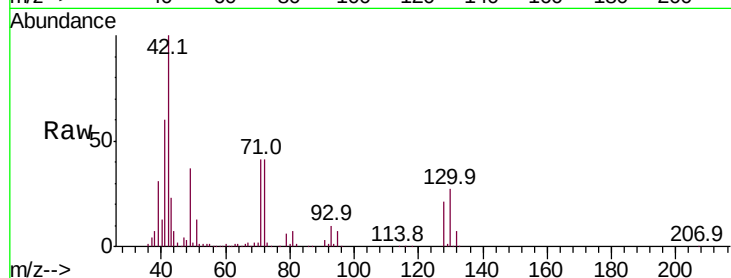
Tot Ion: 42 Resp: 510173

Ion Ratio Lower Upper

42 100

72 41.6 37.8 56.6

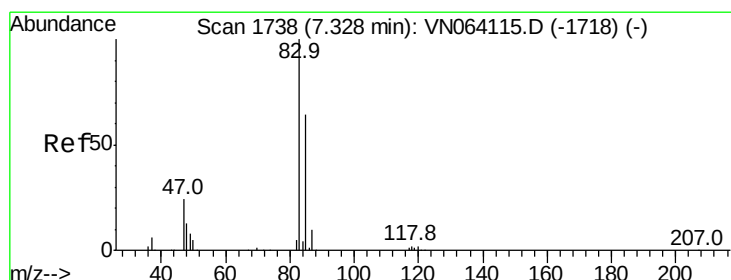
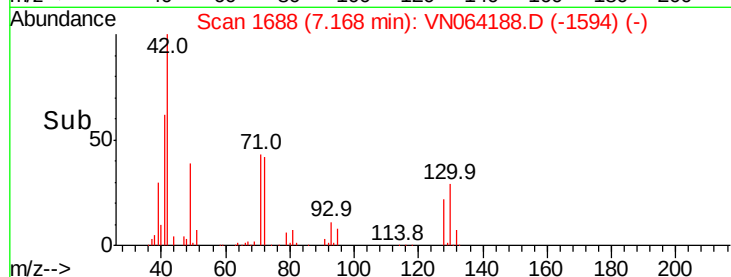
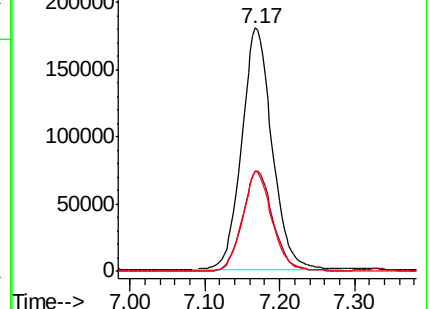
71 39.9 35.3 52.9



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: 49.930 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064188.D

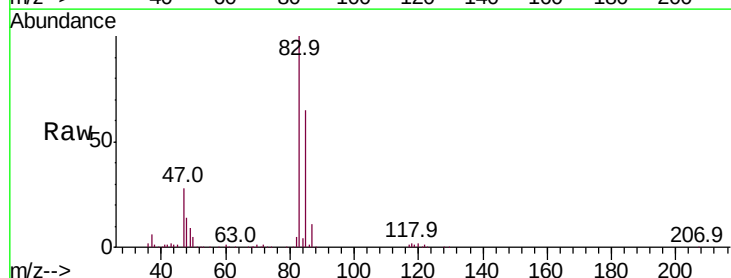
Acq: 17 Oct 2020 00:39

Tgt Ion: 83 Resp: 556232

Ion Ratio Lower Upper

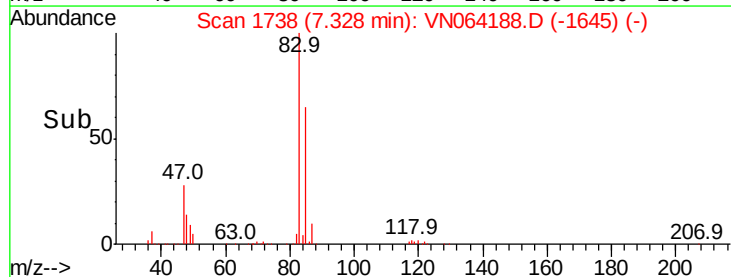
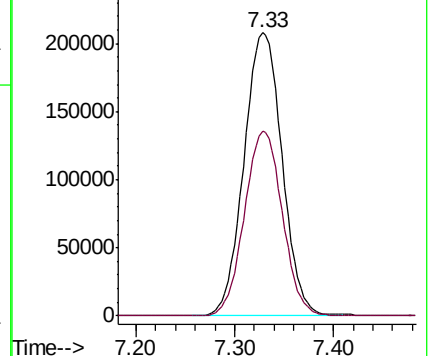
83 100

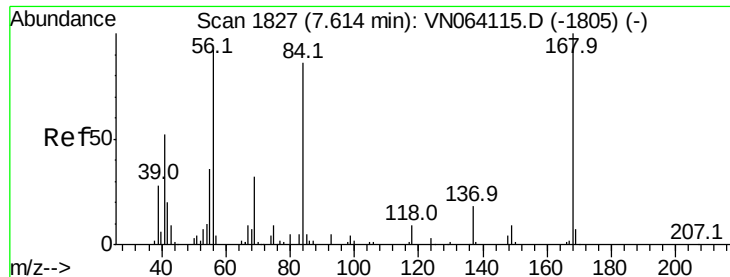
85 65.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.337 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

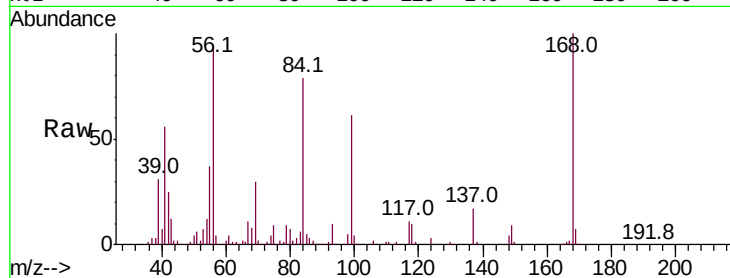
Tot Ion: 56 Resp: 385297

Ion Ratio Lower Upper

56 100

69 31.9 27.8 41.6

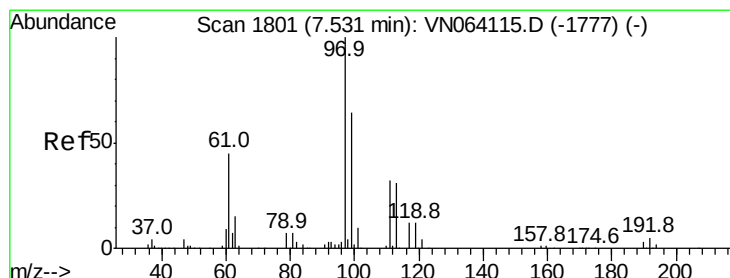
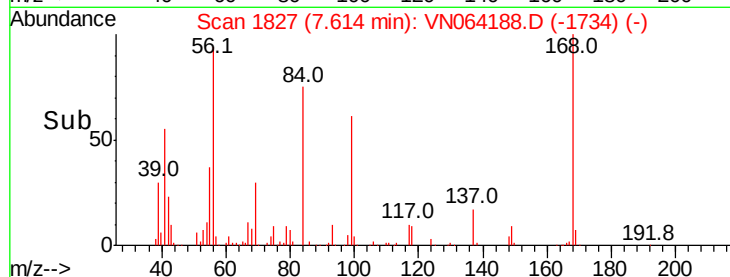
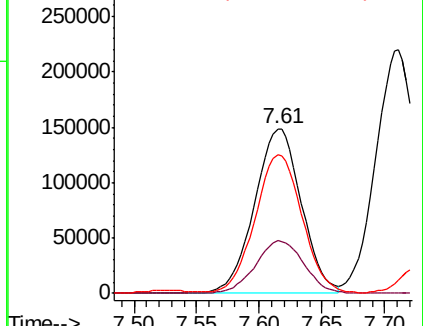
84 83.0 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.349 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

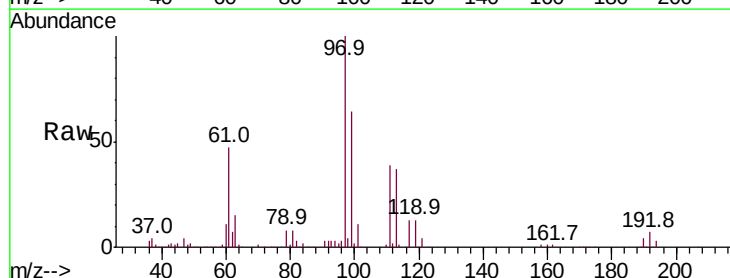
Tgt Ion: 97 Resp: 475044

Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.2

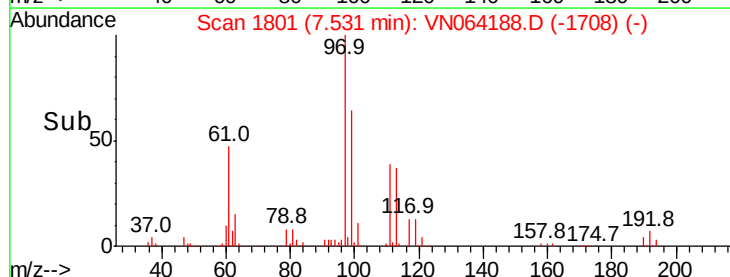
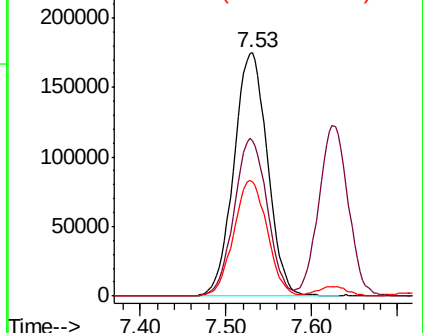
61 47.4 35.6 53.4

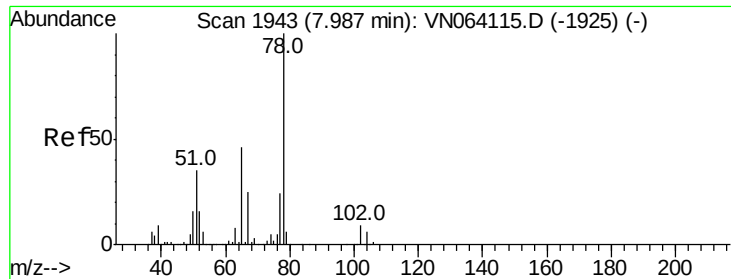


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

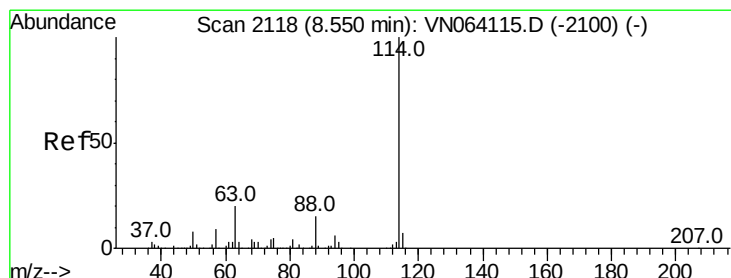
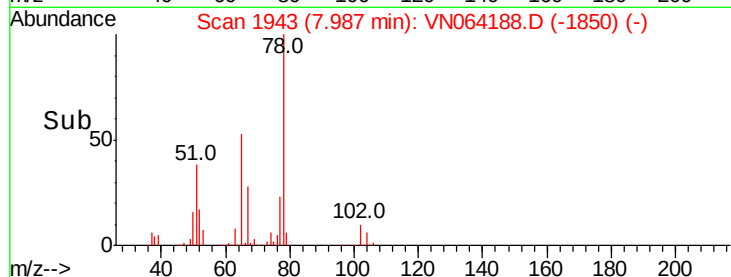
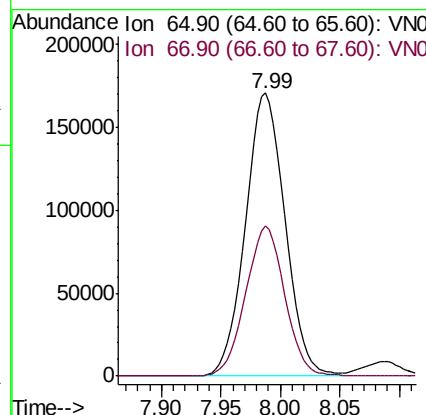
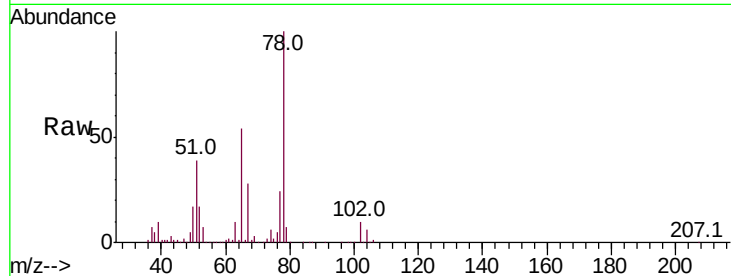




#33
 1,2-Dichloroethane-d4
 Concen: 55.763 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

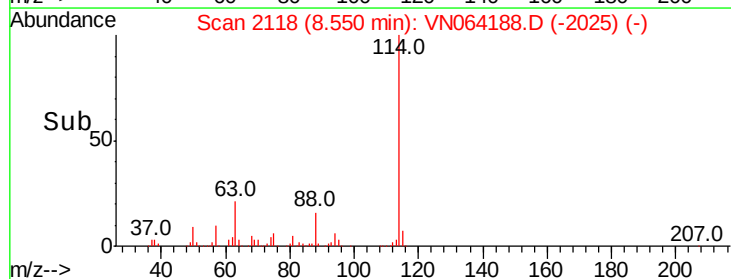
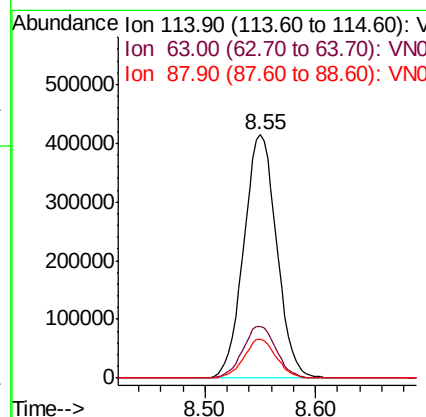
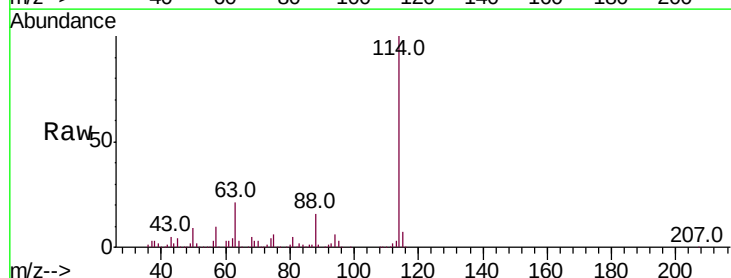
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

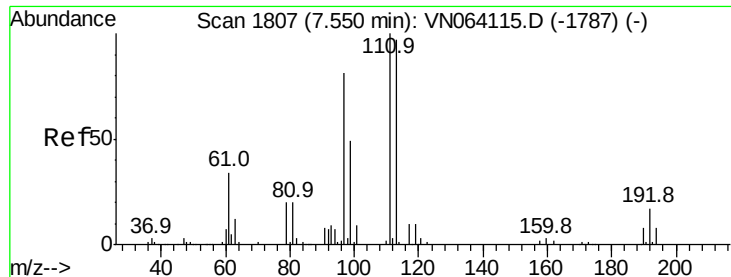
Tot Ion: 65 Resp: 393928
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion: 114 Resp: 856387
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.0
 88 15.9 0.0 29.2

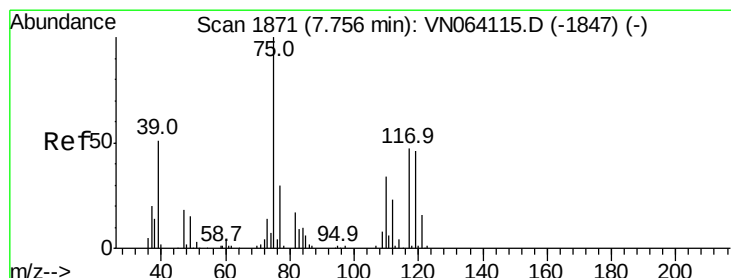
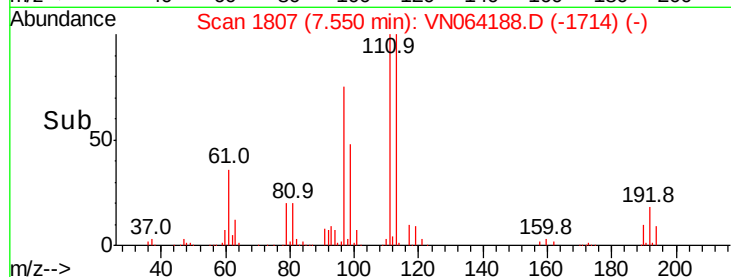
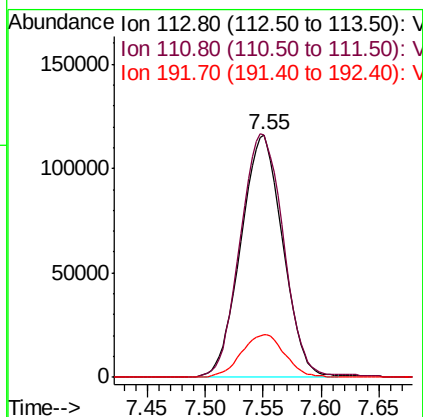
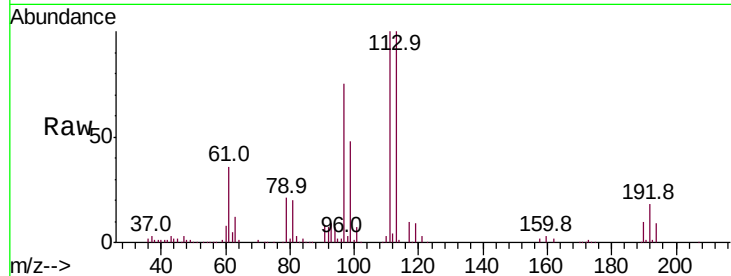




#35
 Dibromofluoromethane
 Concen: 49.422 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

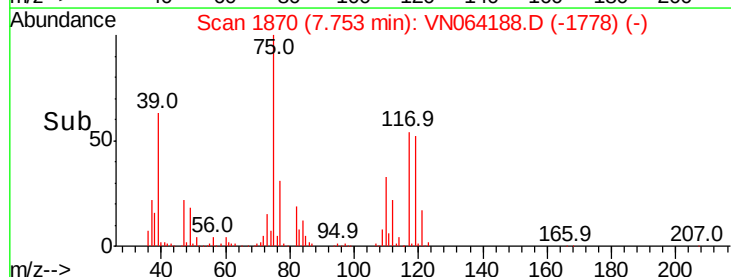
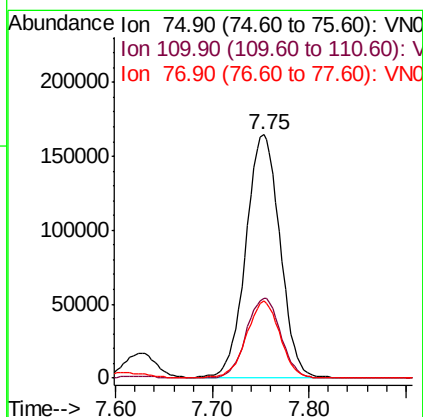
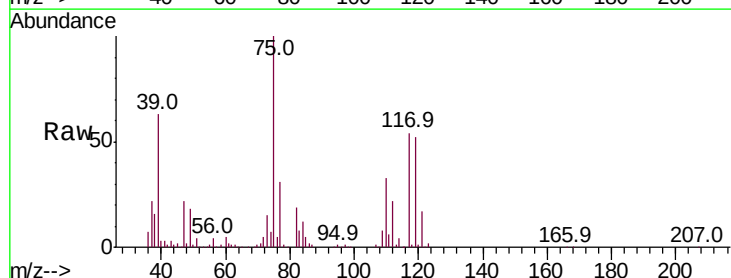
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

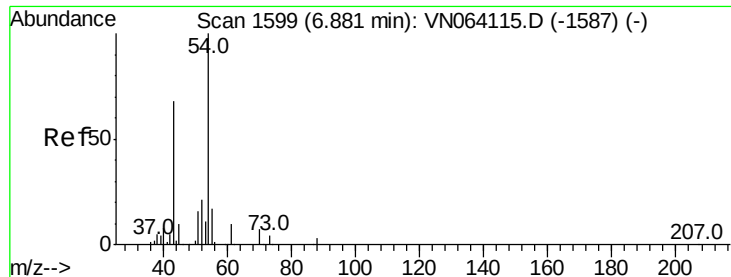
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	18.2	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 48.697 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.8	53.3
77	31.4	24.9	37.3

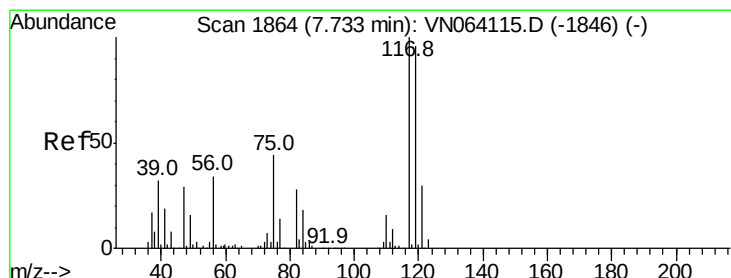
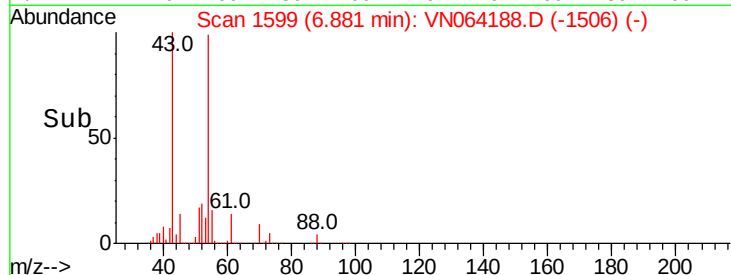
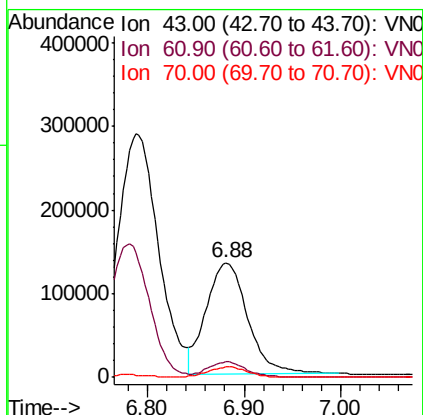
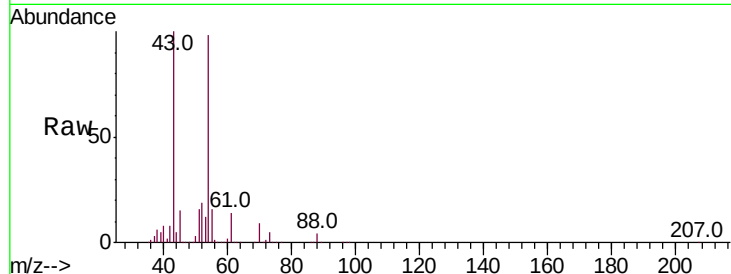




#37
Ethyl Acetate
Concen: 54.515 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

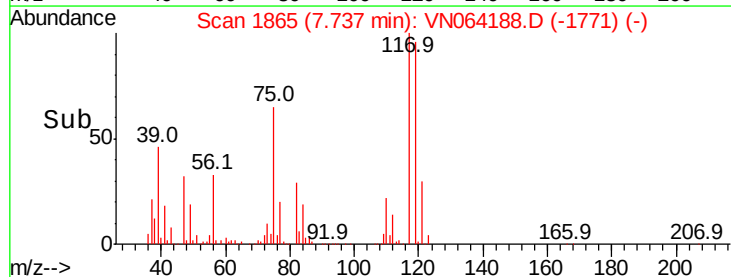
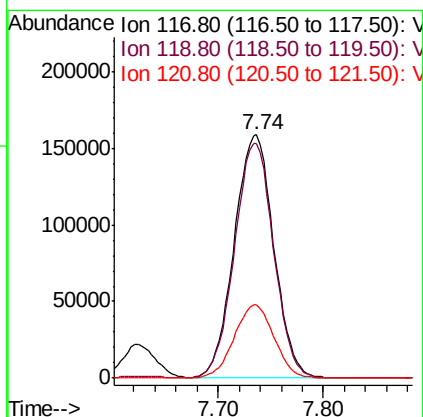
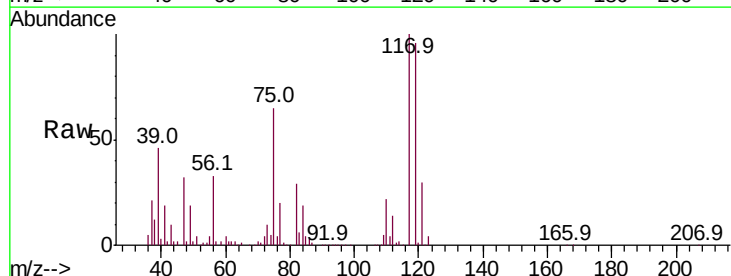
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

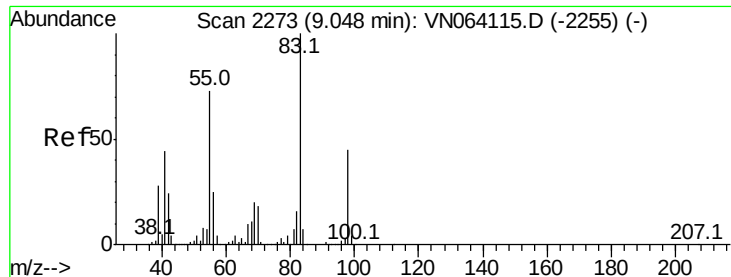
Tot Ion: 43 Resp: 399356
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 8.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 46.281 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 117 Resp: 410791
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4
121 30.0 24.2 36.4

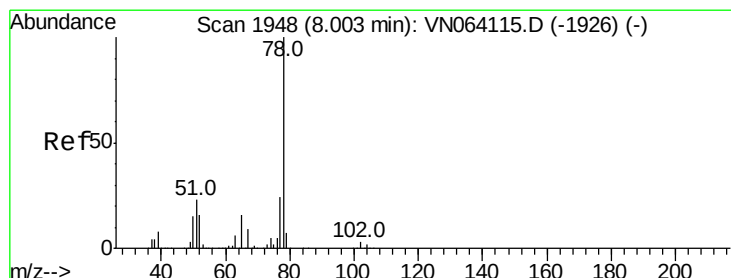
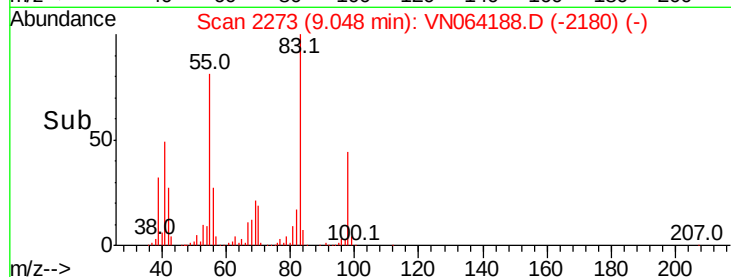
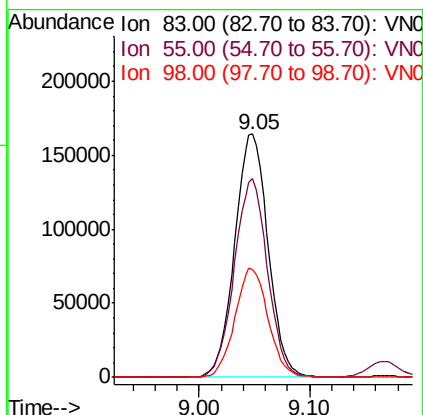
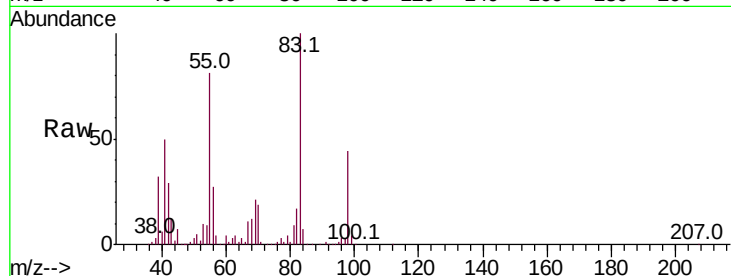




#39
Methylvlcyclohexane
Concen: 49.674 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

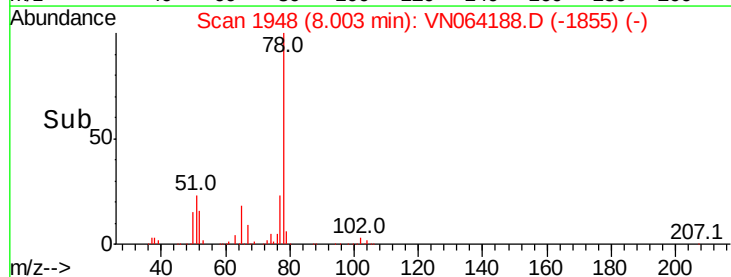
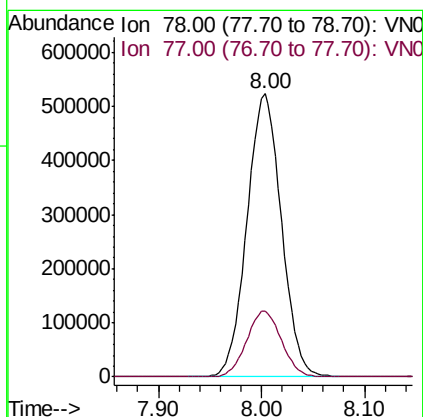
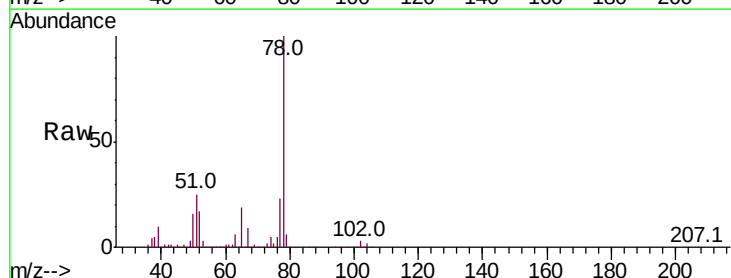
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

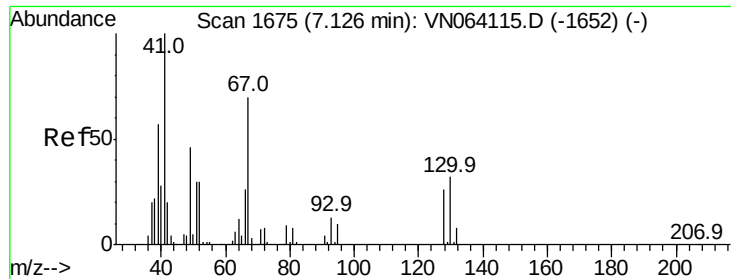
Tot Ion	83	Resp	344709
Ion Ratio	100	Lower	Upper
55	81.5	58.5	87.7
98	44.5	36.2	54.2



#40
Benzene
Concen: 48.524 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion	78	Resp	1212954
Ion Ratio	100	Lower	Upper
77	23.4	19.3	28.9

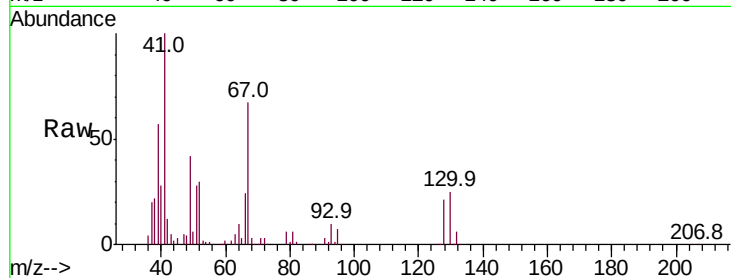




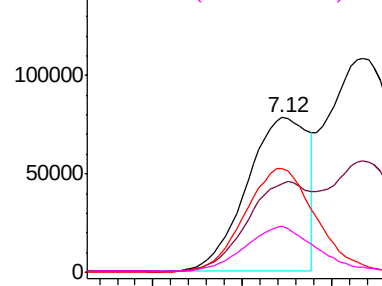
#41
Methacrylonitrile
Concen: 59.053 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

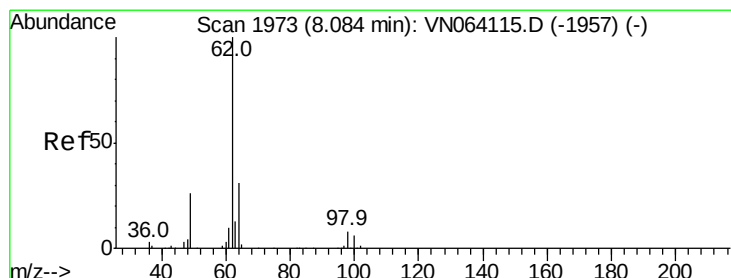
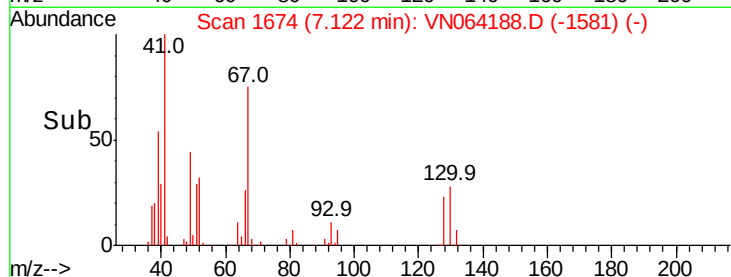
Tot Ion:	41	Resp:	187288
Ion	Ratio	Lower	Upper
41	100		
39	58.1	50.7	76.1
67	79.2	73.8	110.6
52	34.0	32.2	48.4



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

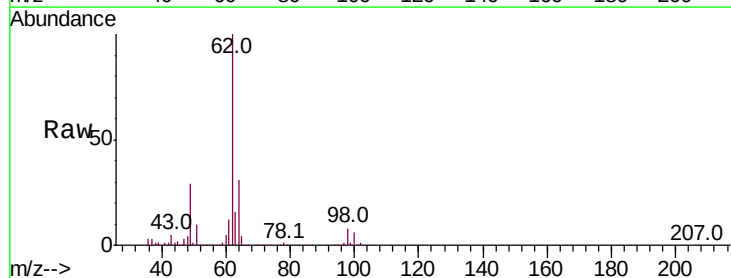


Time-->

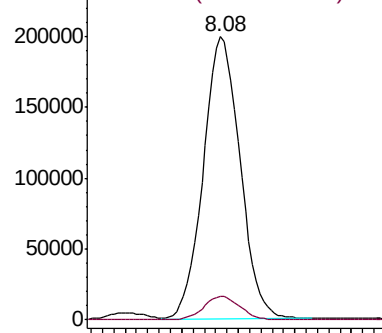


#42
1,2-Dichloroethane
Concen: 50.613 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

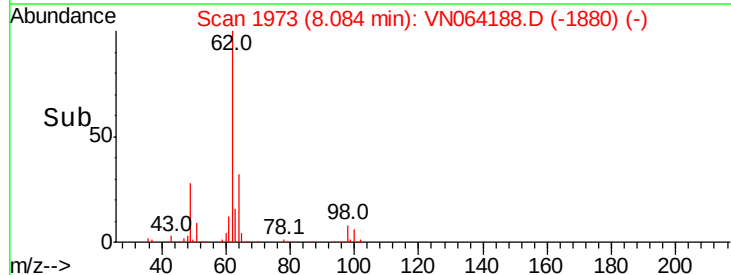
Tgt Ion:	62	Resp:	450161
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6

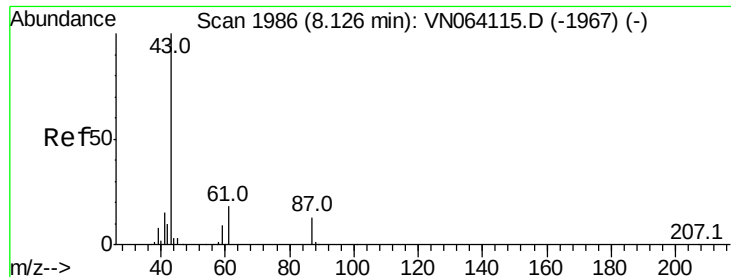


Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



Time-->





#43

Isopropyl Acetate

Concen: 75.343 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

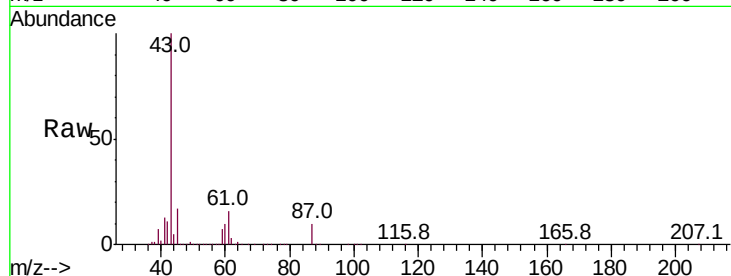
Tot Ion: 43 Resp: 915894

Ion Ratio Lower Upper

43 100

61 13.3 21.9 32.9#

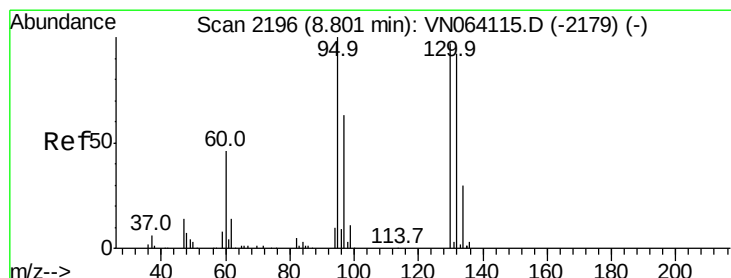
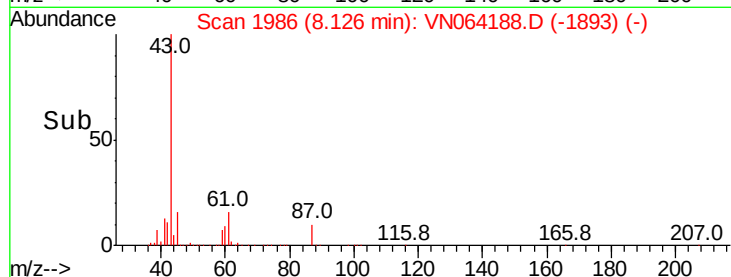
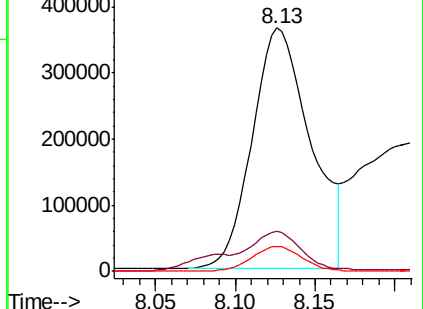
87 9.0 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN064188.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064188.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064188.D (-1967) (-)



#44

Trichloroethene

Concen: 46.396 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064188.D

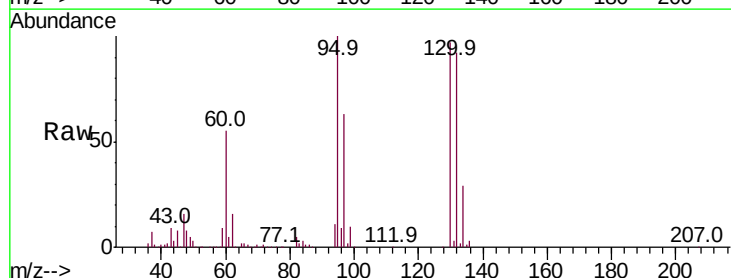
Acq: 17 Oct 2020 00:39

Tgt Ion:130 Resp: 304963

Ion Ratio Lower Upper

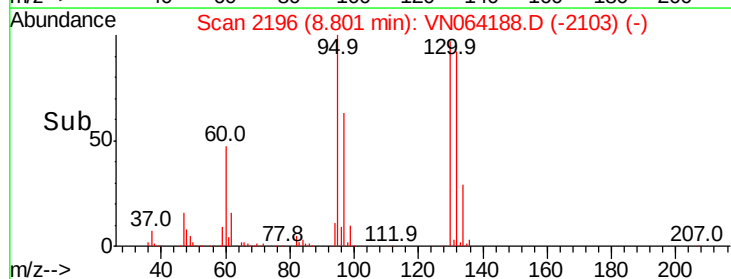
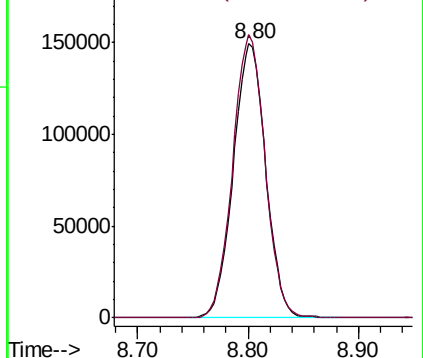
130 100

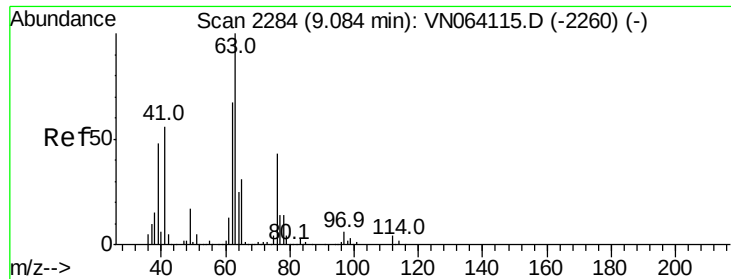
95 103.2 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064188.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064188.D (-2179) (-)

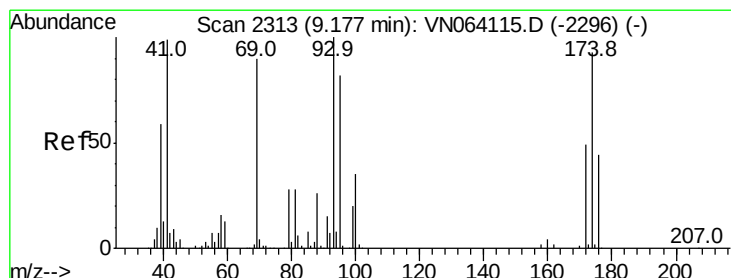
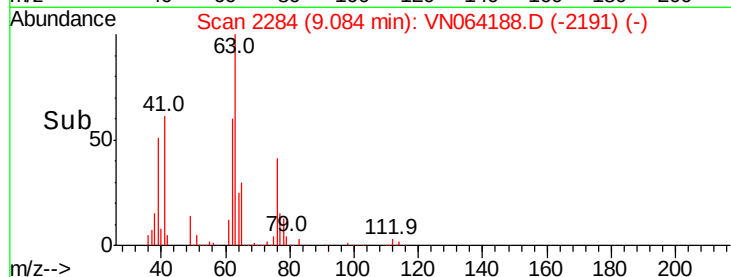
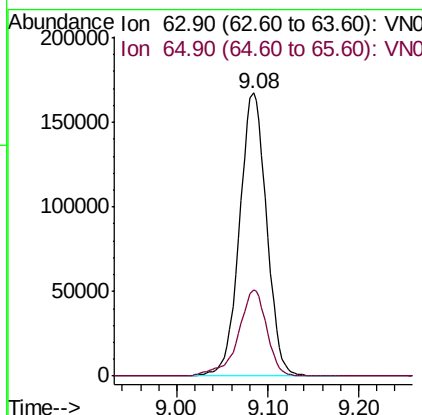
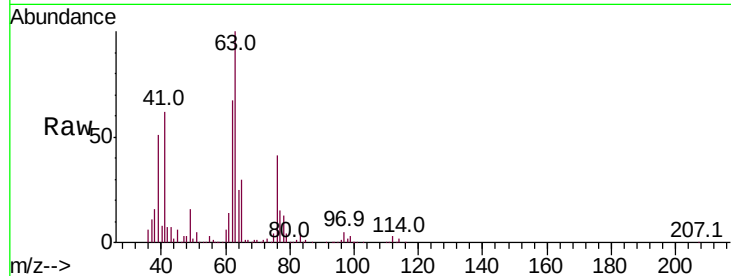




#45
 1,2-Dichloropropane
 Concen: 52.788 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

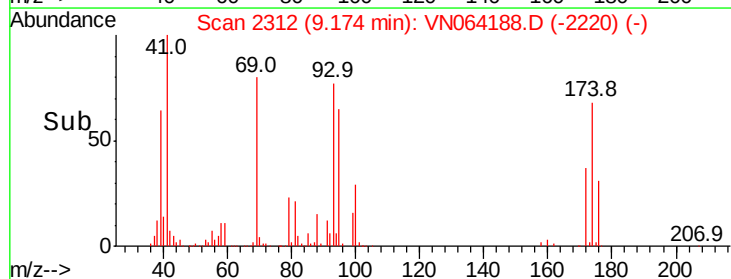
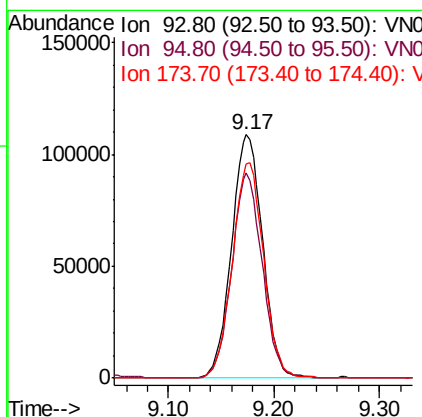
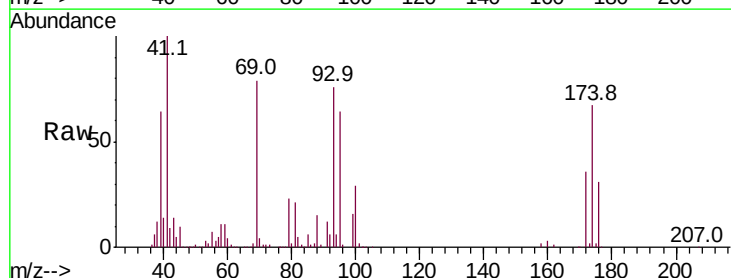
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

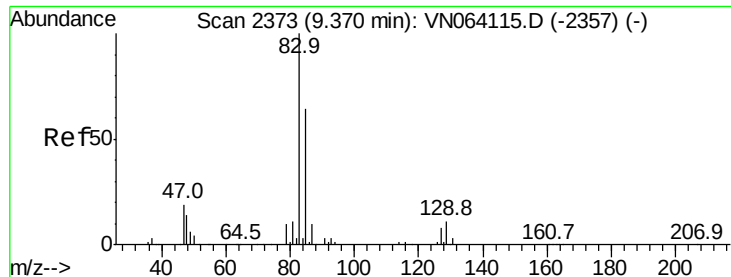
Tot Ion: 63 Resp: 345719
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 47.799 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion: 93 Resp: 222091
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.8 100.2
 174 88.7 75.2 112.8





#47

Bromodichloromethane

Concen: 50.541 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

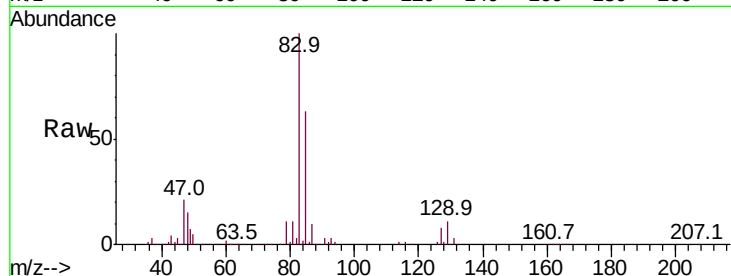
Tot Ion: 83 Resp: 459456

Ion Ratio Lower Upper

83 100

85 62.7 50.8 76.2

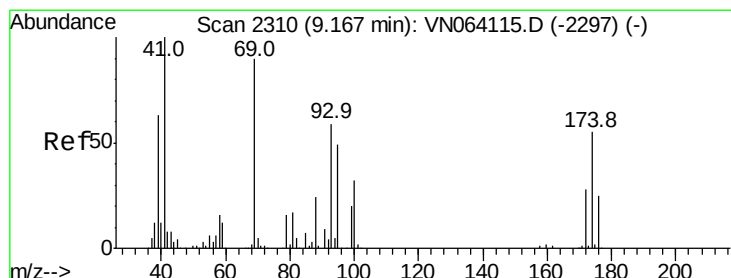
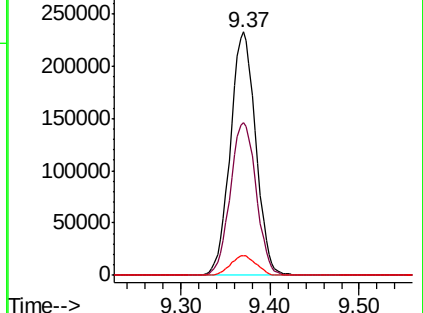
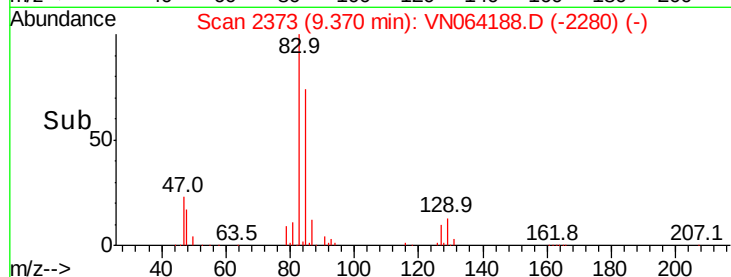
127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064115.D (-2357) (-)

Ion 84.90 (84.60 to 85.60): VN064115.D (-2357) (-)

Ion 126.80 (126.50 to 127.50): VN064115.D (-2357) (-)



#48

Methyl methacrylate

Concen: 58.756 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

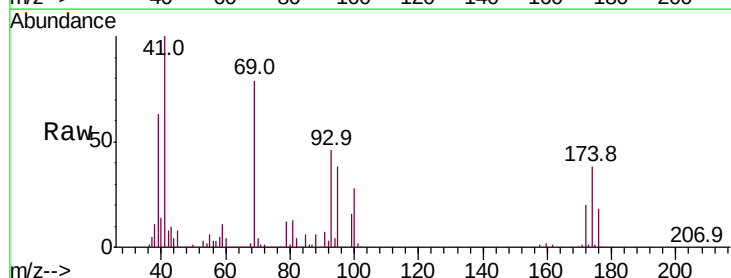
Tgt Ion: 41 Resp: 329926

Ion Ratio Lower Upper

41 100

69 78.9 71.4 107.2

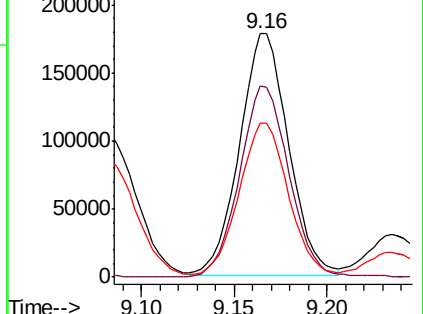
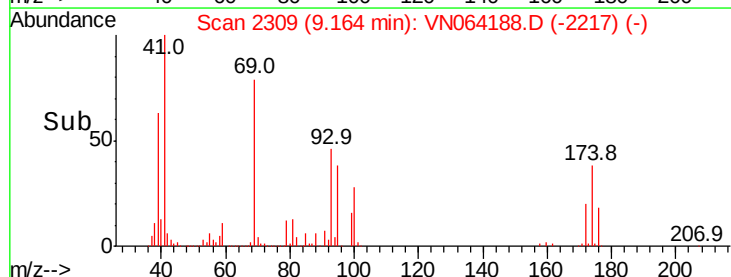
39 63.5 52.5 78.7

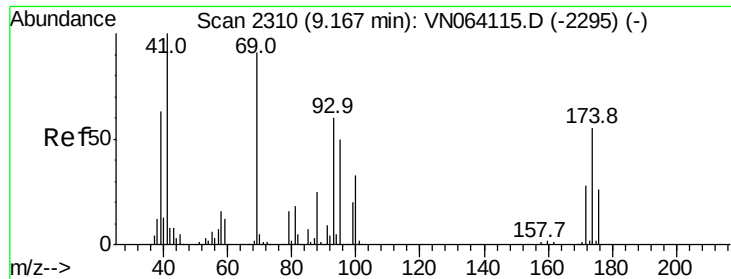


Abundance Ion 41.00 (40.70 to 41.70): VN064115.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064115.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064115.D (-2297) (-)





#49

1,4-Dioxane

Concen: 871.325 ug/l

RT: 9.19 min Scan# 2316

Delta R.T. 0.02 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

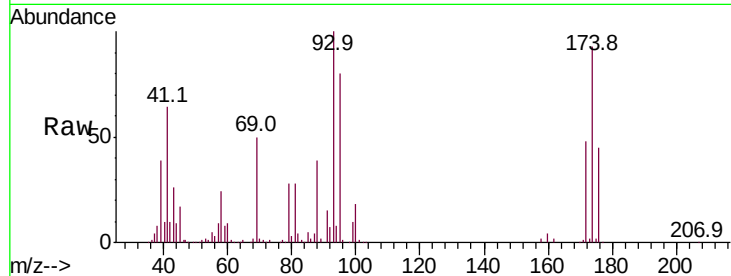
Tot Ion: 88 Resp: 74294

Ion Ratio Lower Upper

88 100

43 26.7 27.2 40.8#

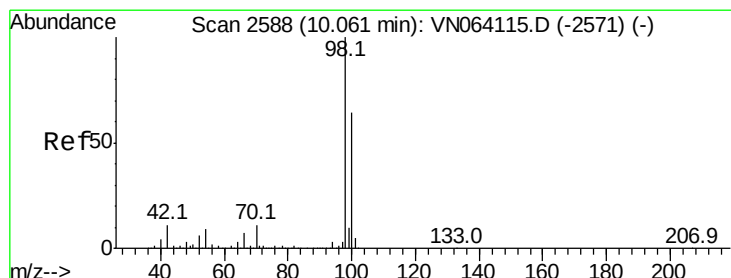
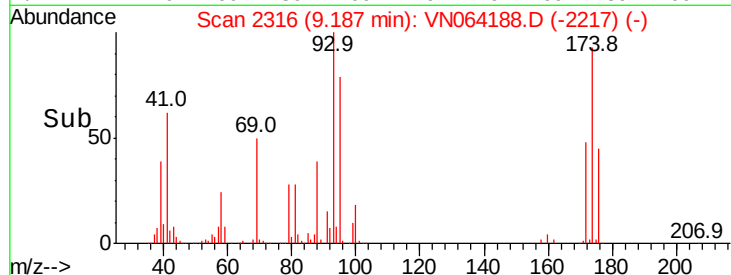
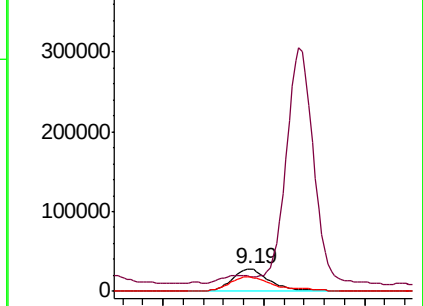
58 66.4 52.6 78.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.524 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064188.D

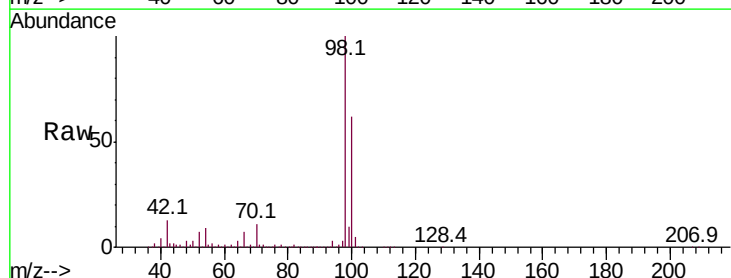
Acq: 17 Oct 2020 00:39

Tgt Ion: 98 Resp: 1129983

Ion Ratio Lower Upper

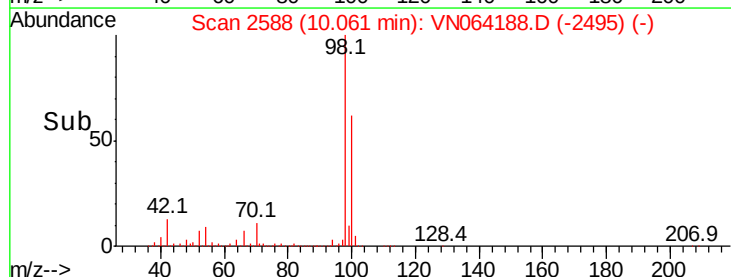
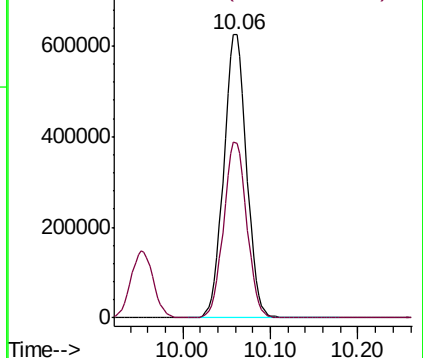
98 100

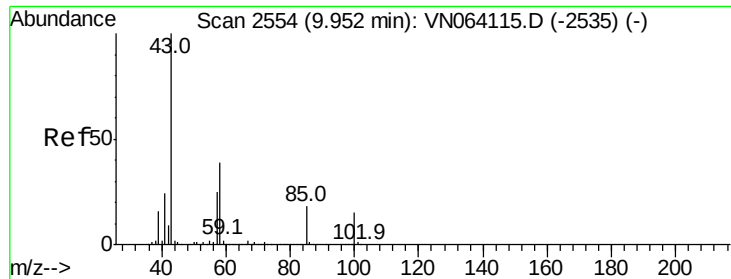
100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

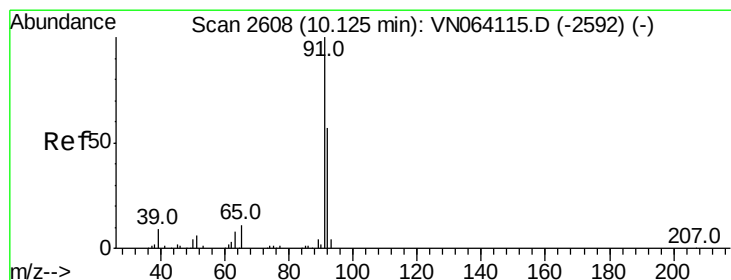
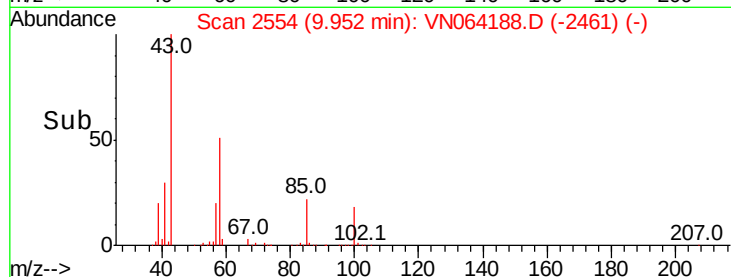
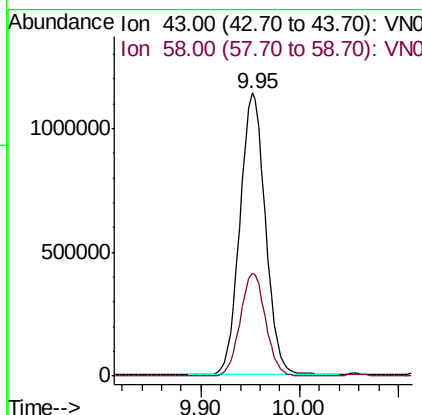
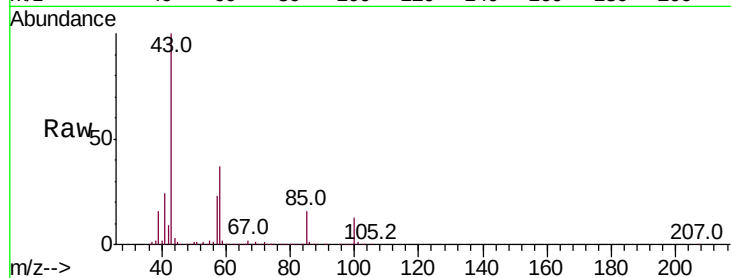




#51
 4-Methyl-2-Pentanone
 Concen: 282.517 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

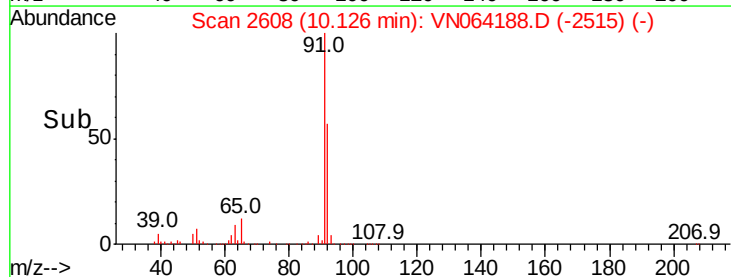
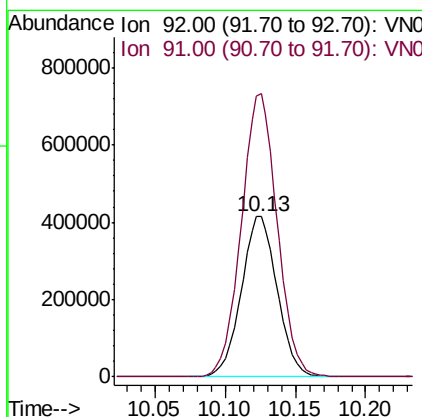
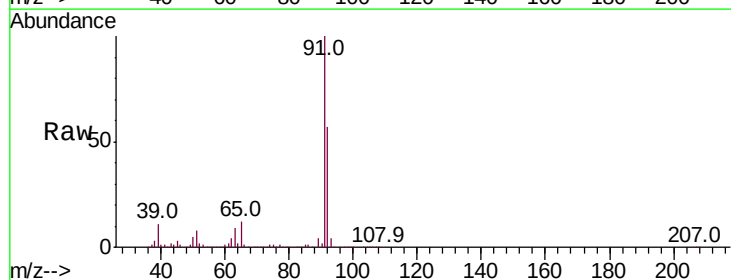
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

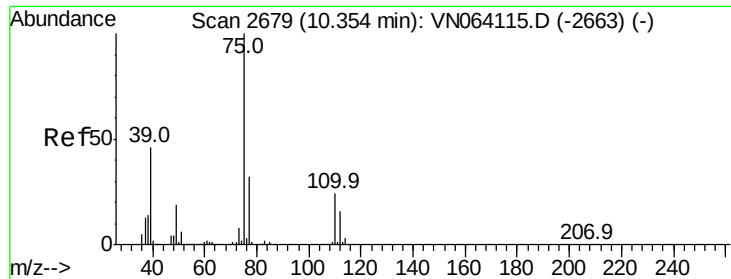
Tot Ion: 43 Resp: 2032213
 Ion Ratio Lower Upper
 43 100
 58 36.4 31.2 46.8



#52
 Toluene
 Concen: 48.065 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion: 92 Resp: 738238
 Ion Ratio Lower Upper
 92 100
 91 177.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 55.595 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

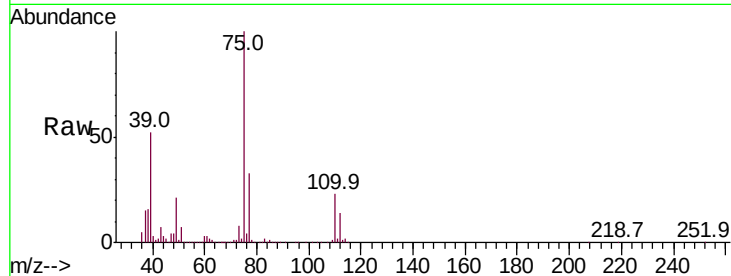
VSTDCCC050EC

Tot Ion: 75 Resp: 518561

Ion Ratio Lower Upper

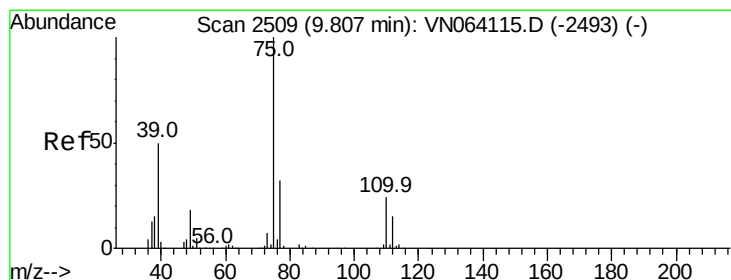
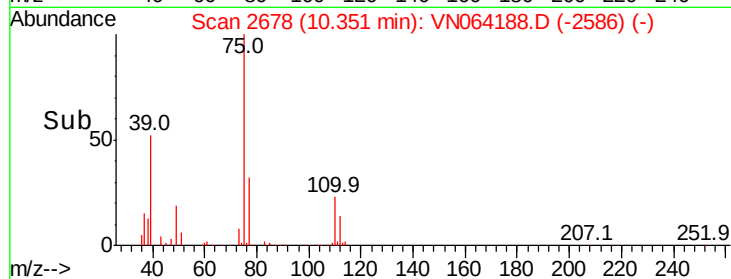
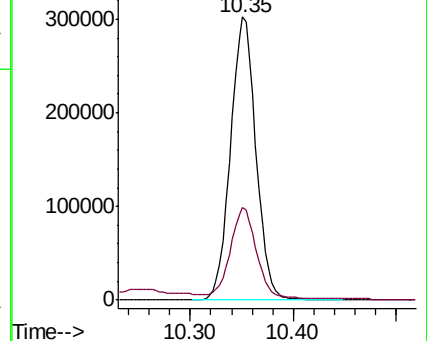
75 100

77 32.2 25.6 38.4



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: 49.123 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

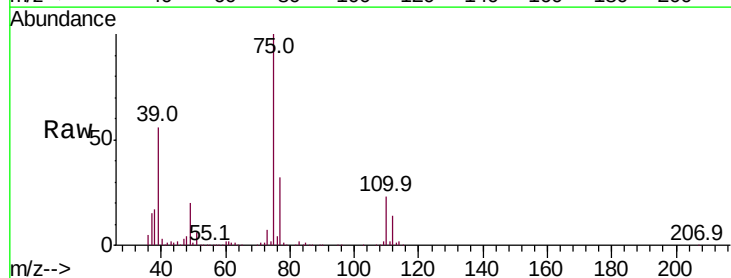
Tgt Ion: 75 Resp: 503457

Ion Ratio Lower Upper

75 100

77 32.1 25.2 37.8

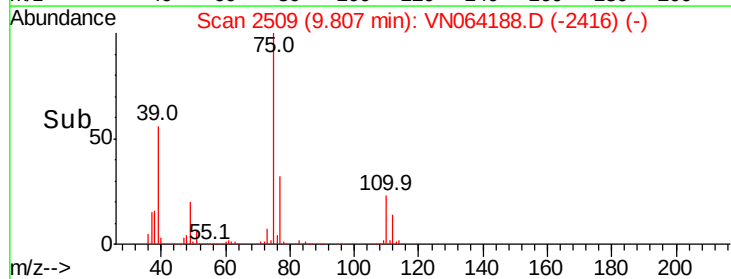
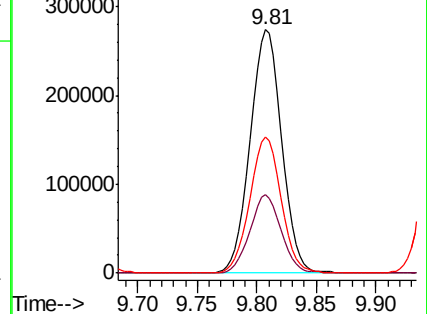
39 55.7 39.8 59.8

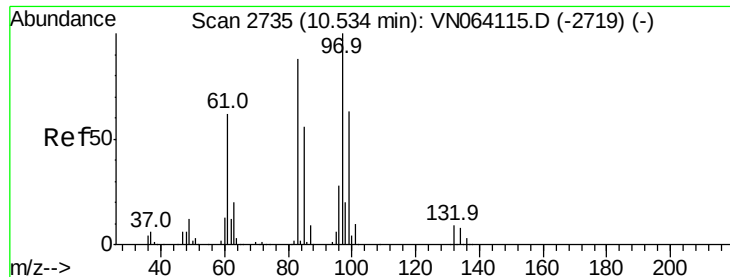


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

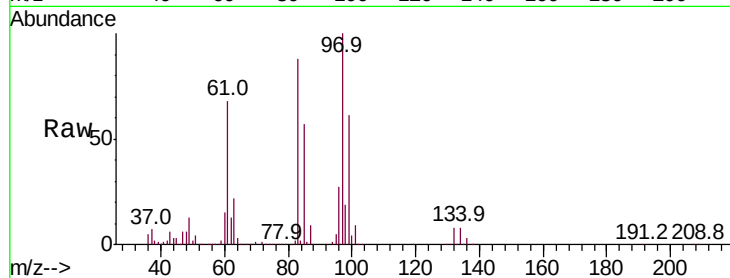




#55
 1,1,2-Trichloroethane
 Concen: 48.717 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.2	105.4
85	57.2	45.0	67.6
99	60.9	50.7	76.1



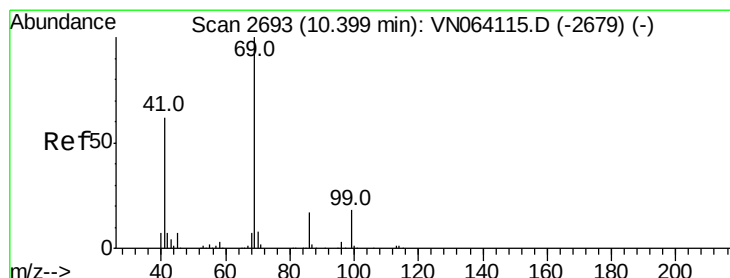
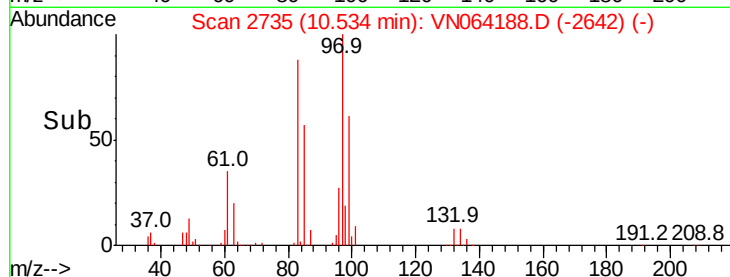
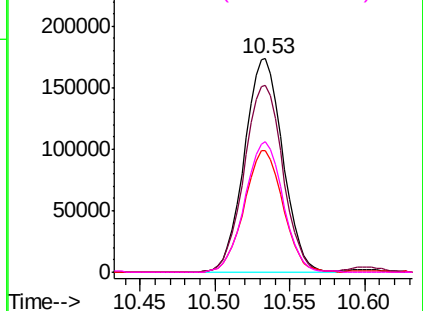
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

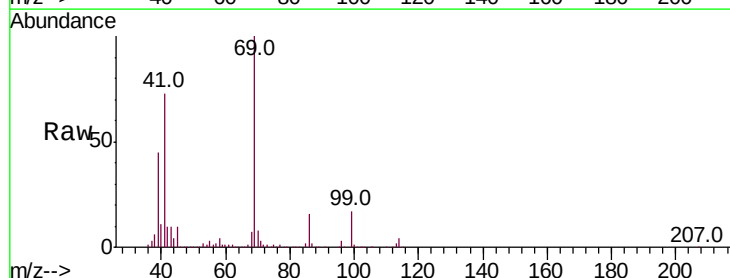
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 50.019 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.2	49.3	73.9
39	44.9	32.7	49.1

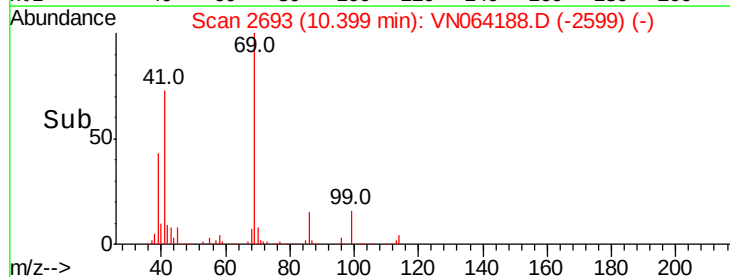
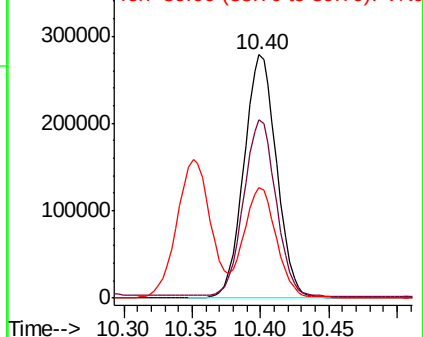


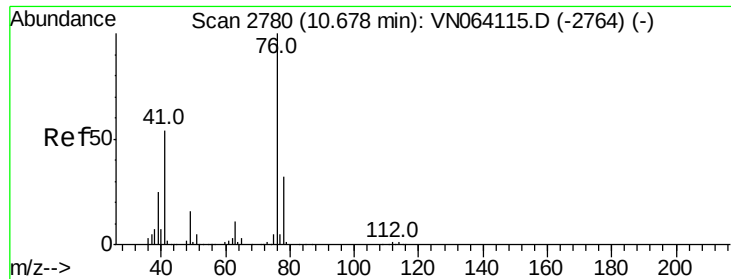
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

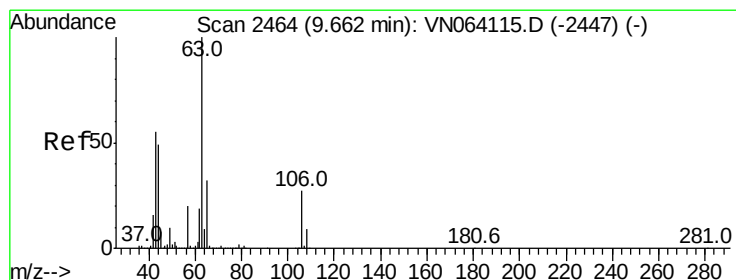
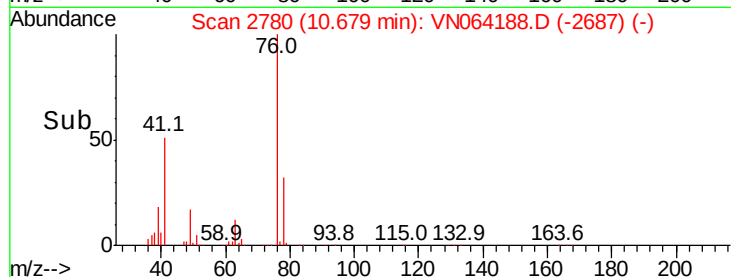
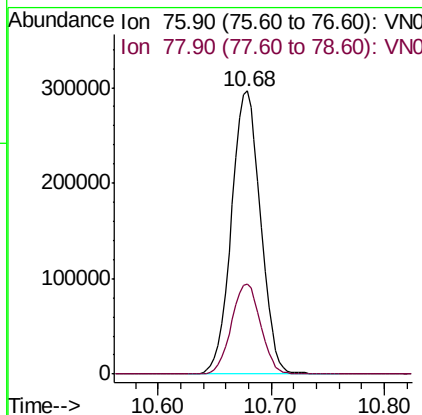
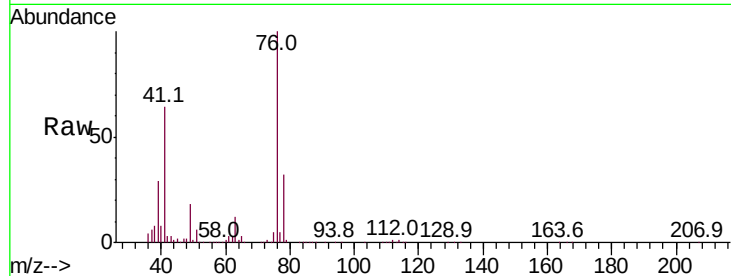




#57
 1,3-Dichloropropane
 Concen: 50.665 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

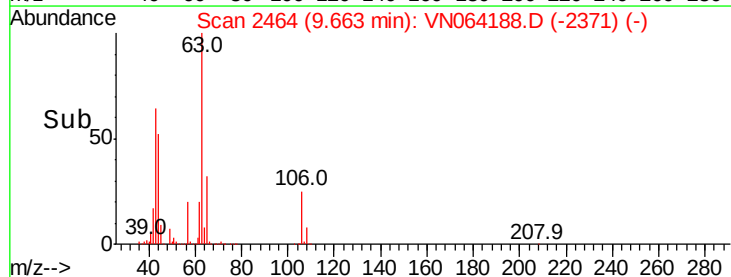
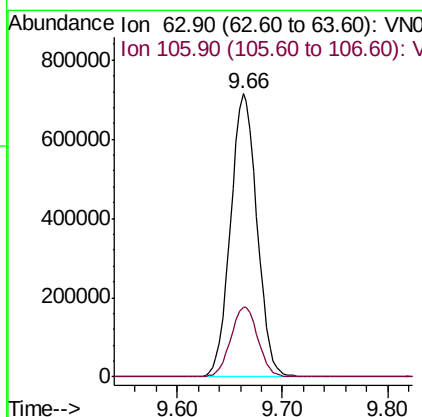
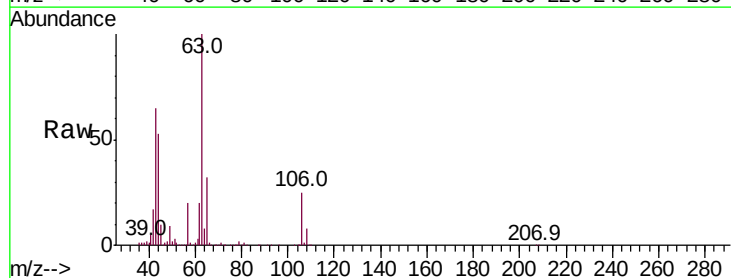
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

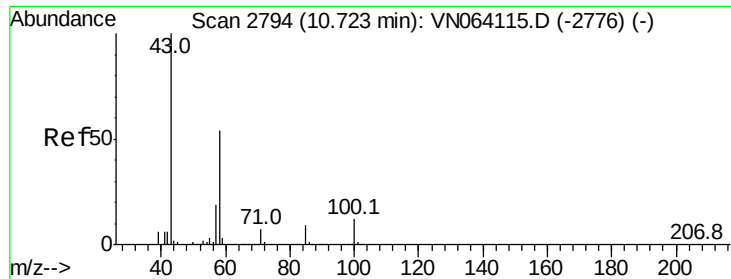
Tot Ion: 76 Resp: 530904
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.679 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion: 63 Resp: 1239626
 Ion Ratio Lower Upper
 63 100
 106 25.3 21.8 32.6

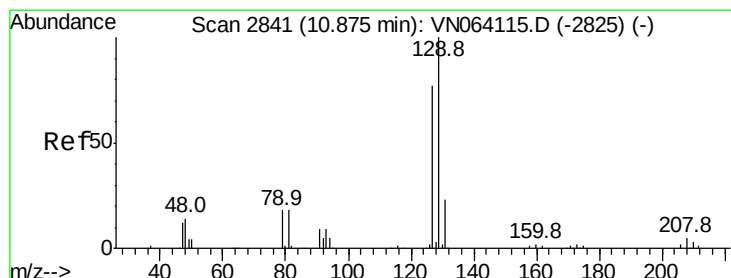
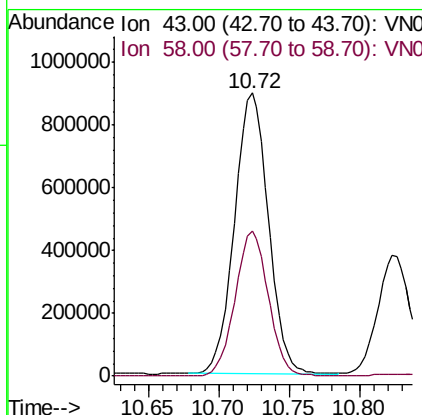
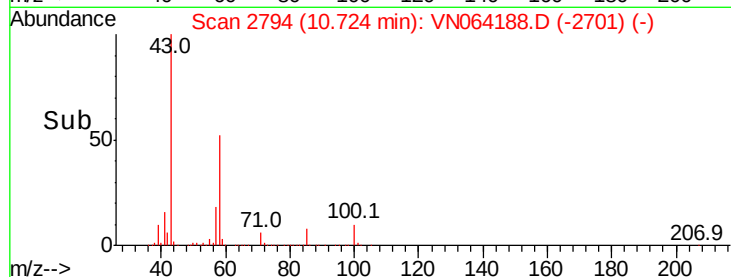
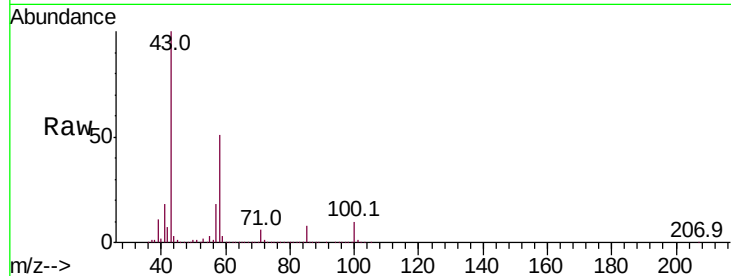




#59
2-Hexanone
Concen: 269.835 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

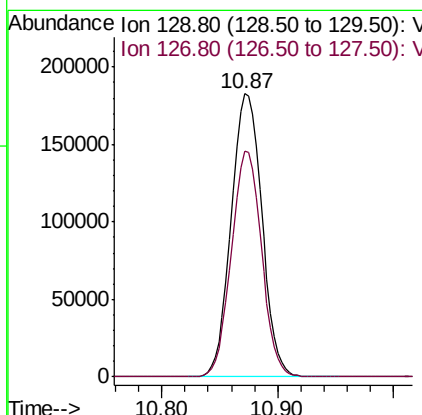
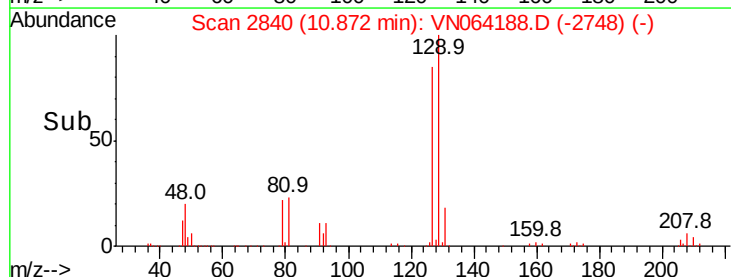
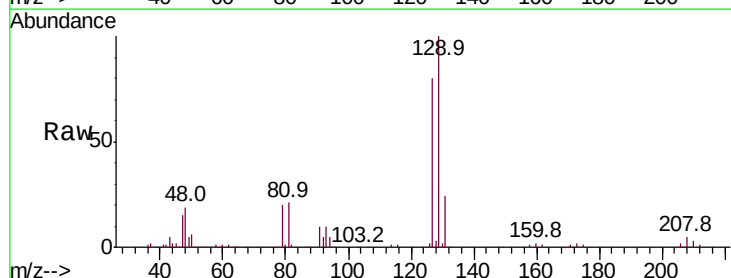
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

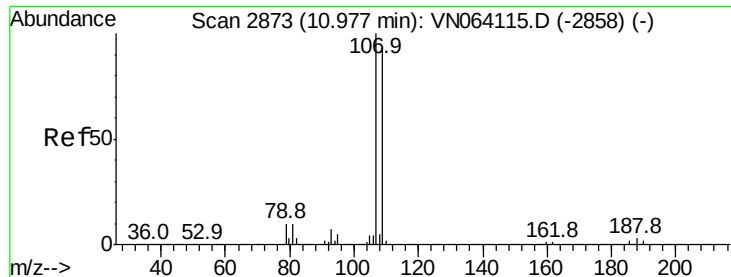
Tot Ion: 43 Resp: 1503408
Ion Ratio Lower Upper
43 100
58 50.6 27.2 81.6



#60
Dibromochloromethane
Concen: 46.876 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 129 Resp: 335046
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 47.331 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

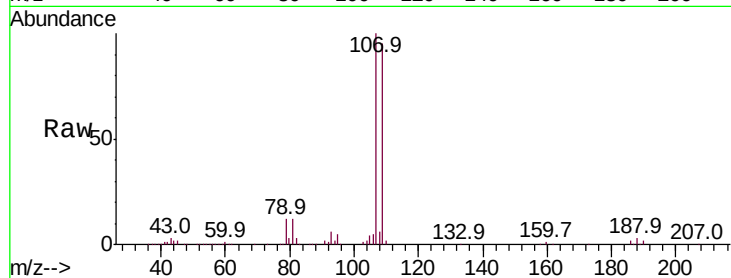
VSTDCCC050EC

Tot Ion:107 Resp: 306537

Ion Ratio Lower Upper

107 100

109 94.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

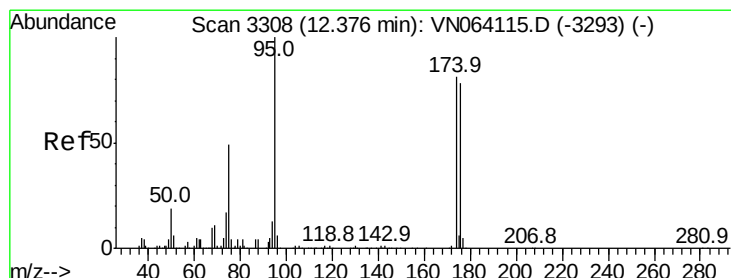
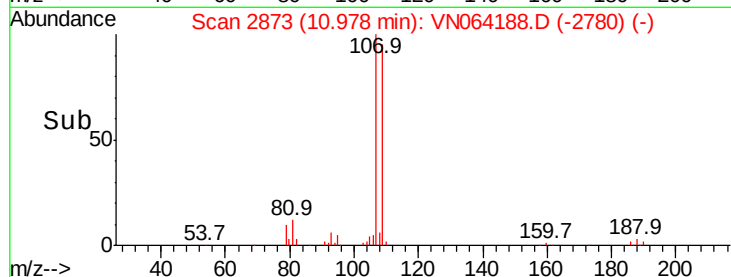
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.893 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

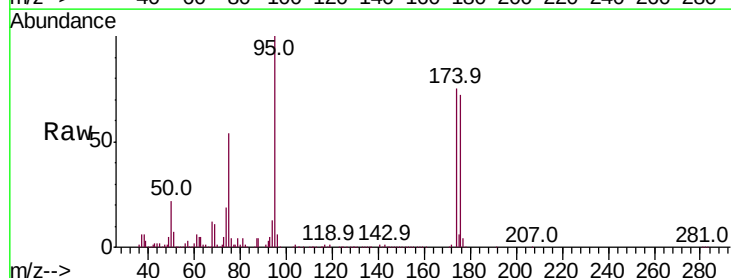
Tgt Ion: 95 Resp: 383554

Ion Ratio Lower Upper

95 100

174 75.7 0.0 164.8

176 72.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

300000

250000

200000

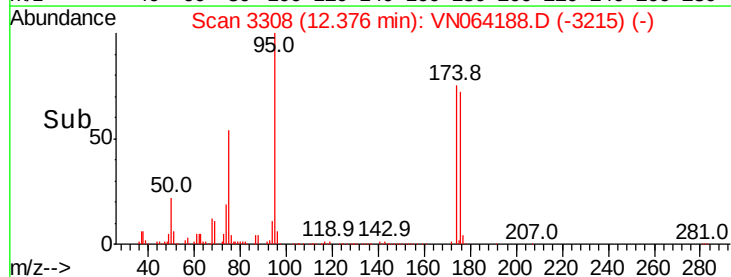
150000

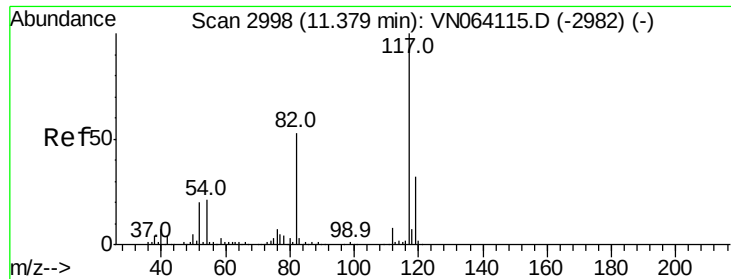
100000

50000

0

Time-->

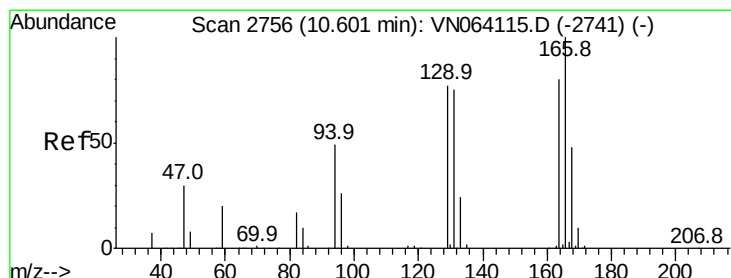
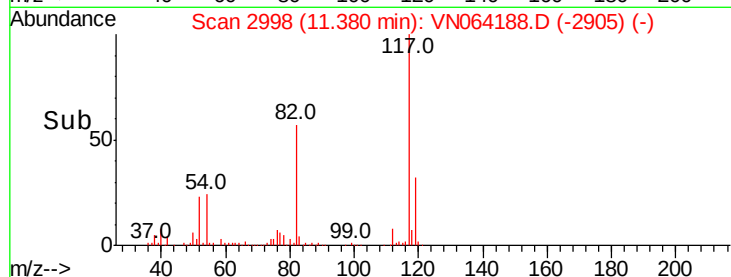
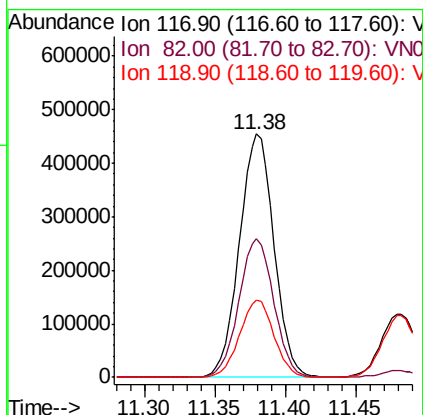
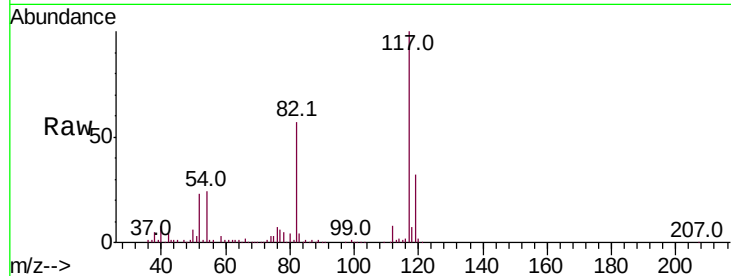




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

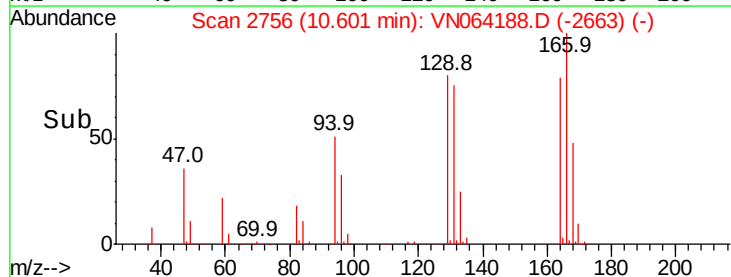
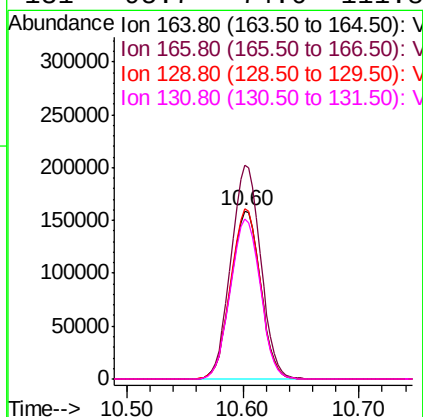
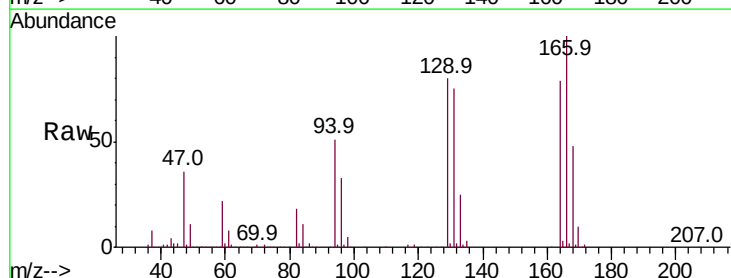
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

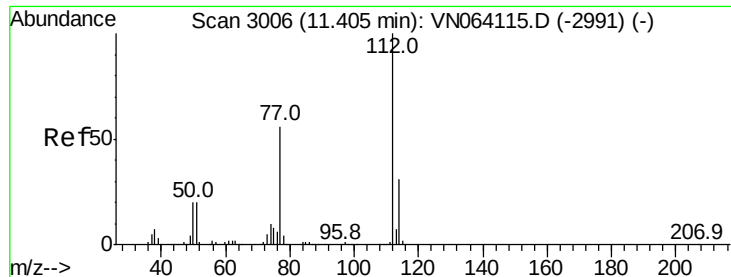
Tot Ion:117 Resp: 781225
Ion Ratio Lower Upper
117 100
82 56.7 42.6 63.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 47.923 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion:164 Resp: 282263
Ion Ratio Lower Upper
164 100
166 127.2 99.7 149.5
129 101.3 77.0 115.4
131 95.7 74.6 111.8





#65

Chlorobenzene

Concen: 47.419 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

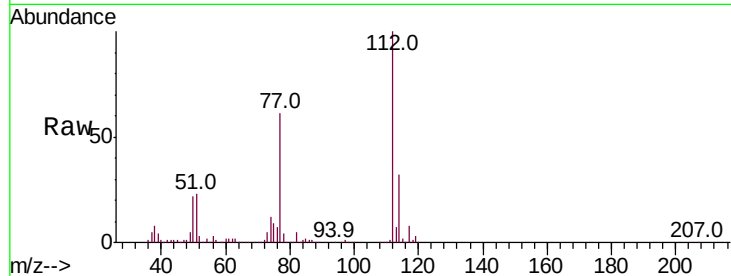
VSTDCCC050EC

Tot Ion:112 Resp: 780113

Ion Ratio Lower Upper

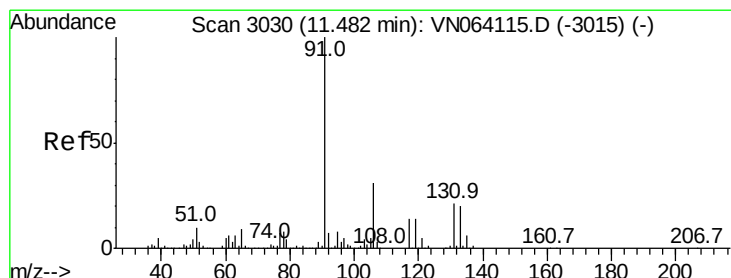
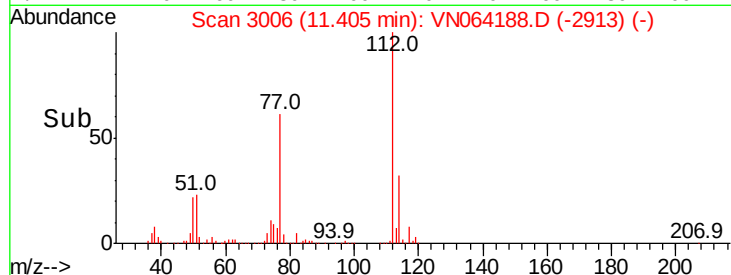
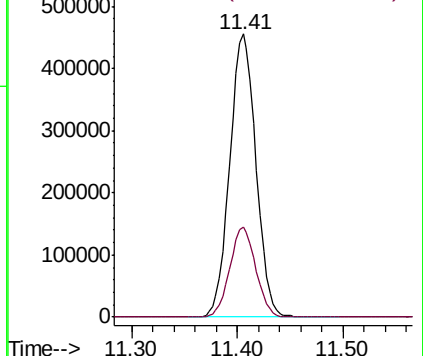
112 100

114 31.8 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.635 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

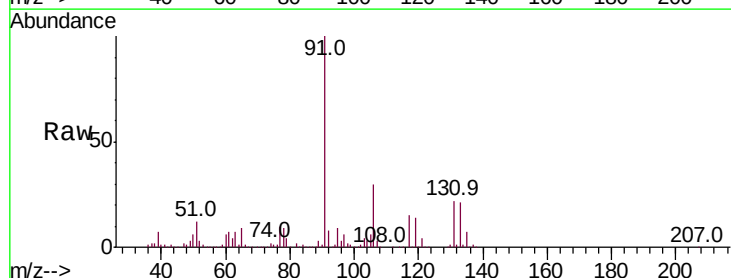
Tgt Ion:131 Resp: 303770

Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.9

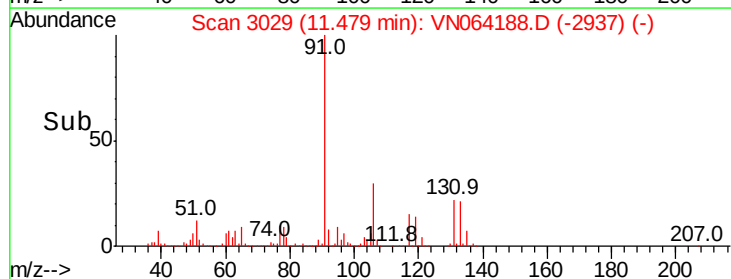
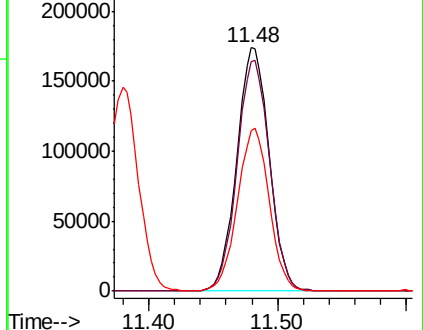
119 65.6 32.8 98.4

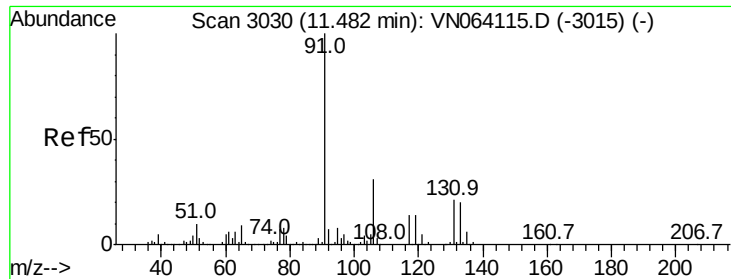


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

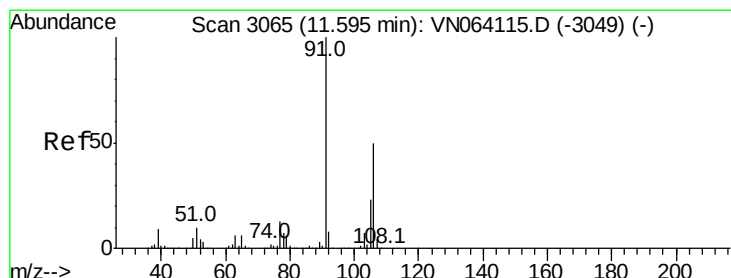
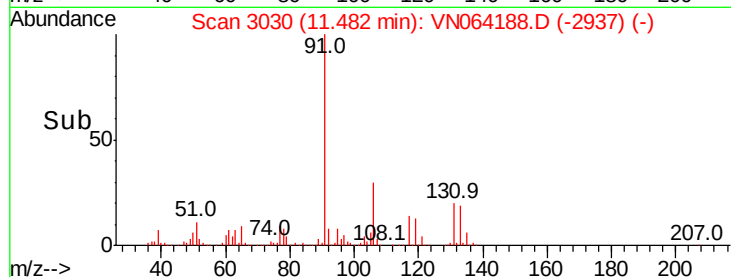
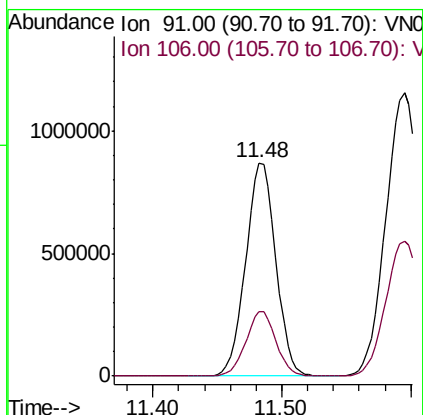
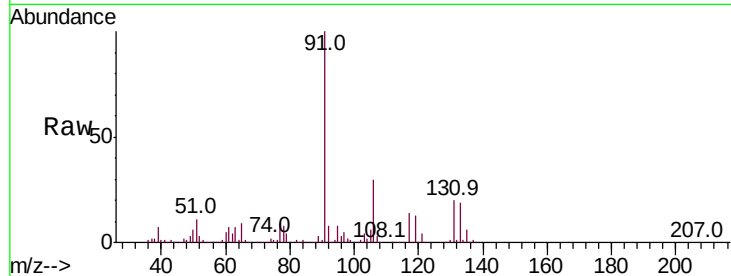




#67
Ethyl Benzene
Concen: 51.313 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

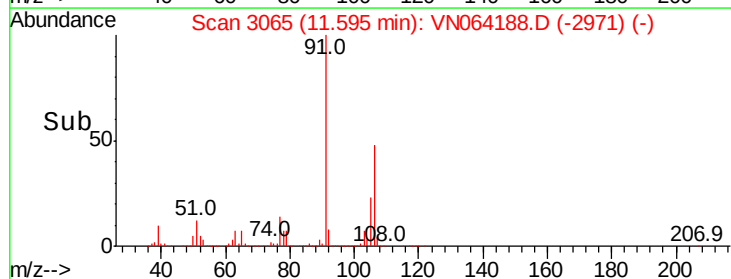
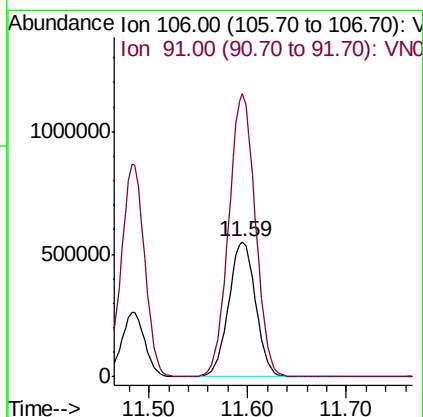
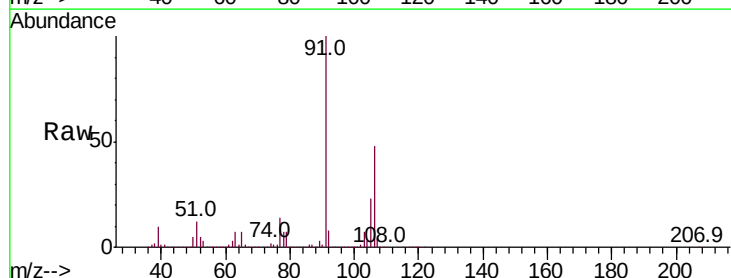
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

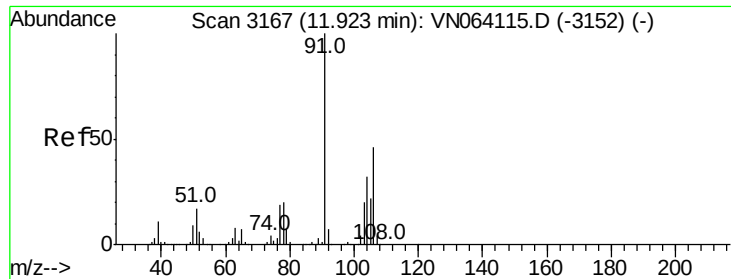
Tot Ion: 91 Resp: 1414121
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 92.401 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 106 Resp: 1047823
Ion Ratio Lower Upper
106 100
91 207.9 162.1 243.1

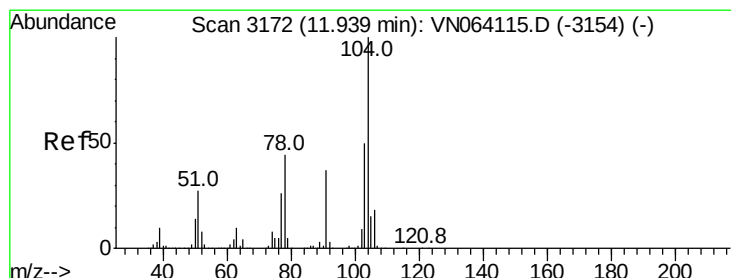
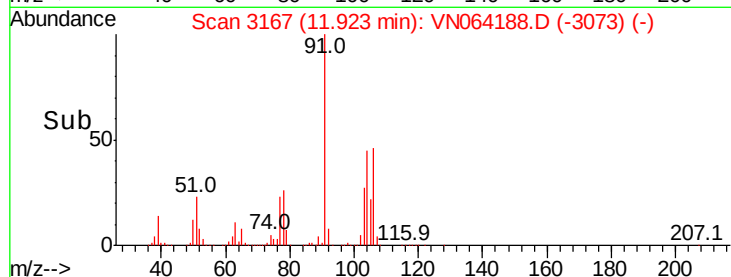
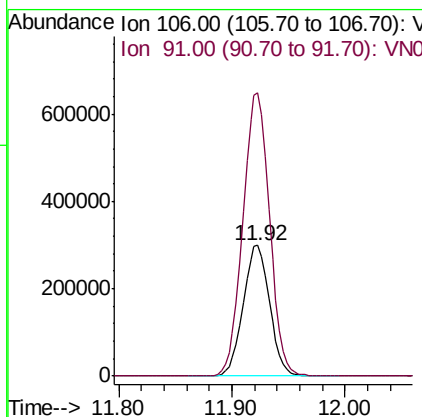
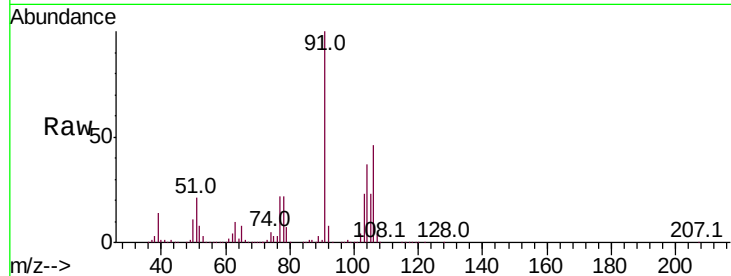




#69
o-Xylene
Concen: 44.945 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

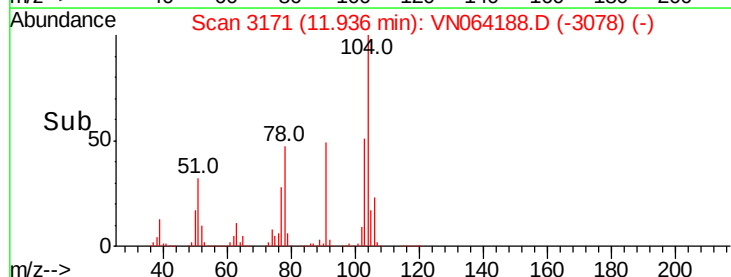
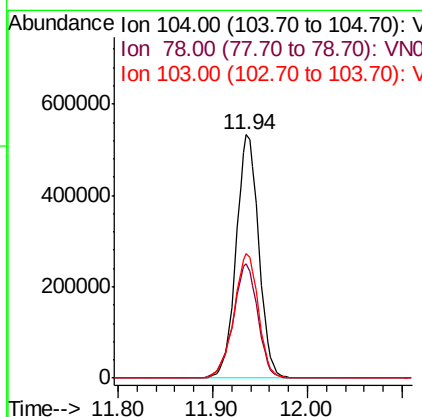
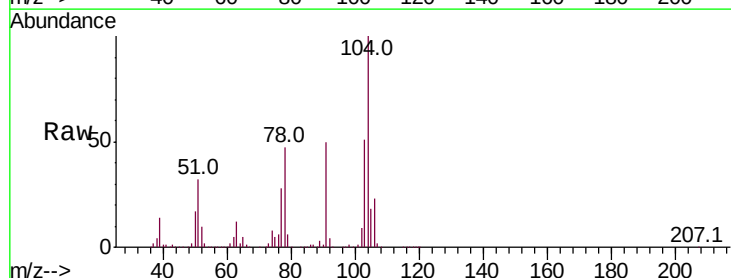
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

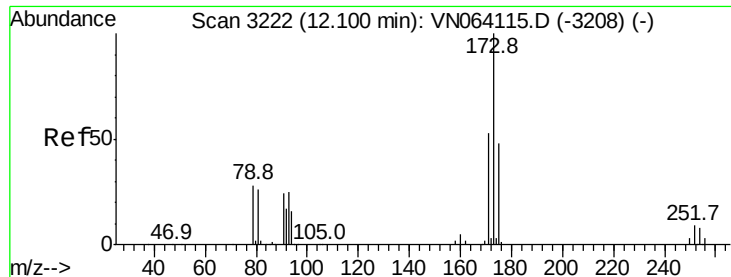
Tot Ion:106 Resp: 486806
Ion Ratio Lower Upper
106 100
91 218.9 107.6 322.8



#70
Styrene
Concen: 47.233 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion:104 Resp: 883211
Ion Ratio Lower Upper
104 100
78 51.0 39.7 59.5
103 55.2 44.2 66.2





#71

Bromoform

Concen: 43.690 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

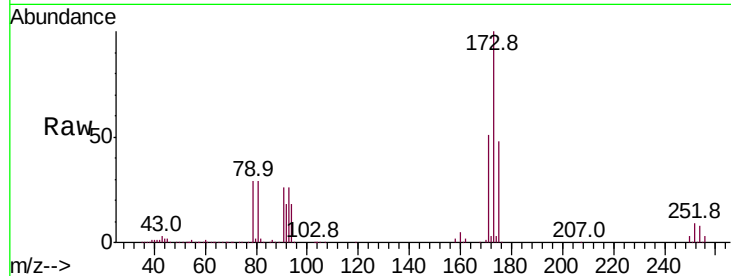
Tot Ion:173 Resp: 224542

Ion Ratio Lower Upper

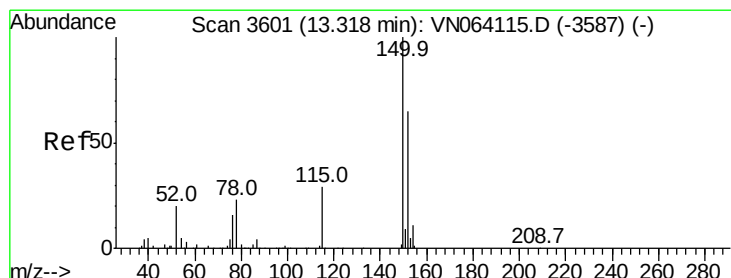
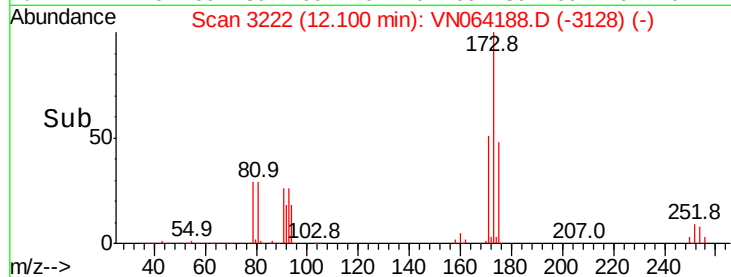
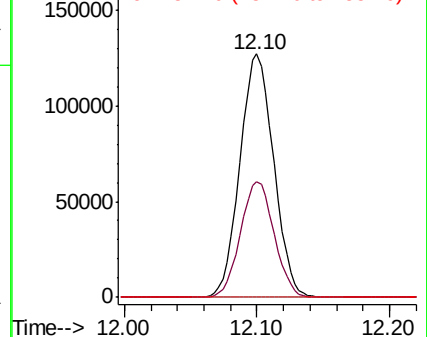
173 100

175 47.6 23.4 70.2

254 0.1 0.1 0.1



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# 3600

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

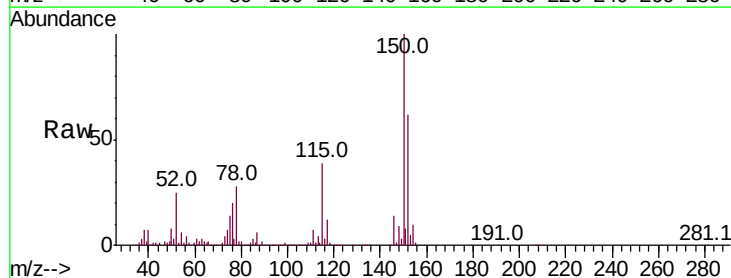
Tgt Ion:152 Resp: 371981

Ion Ratio Lower Upper

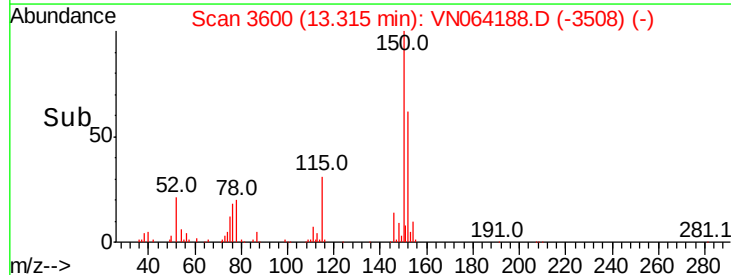
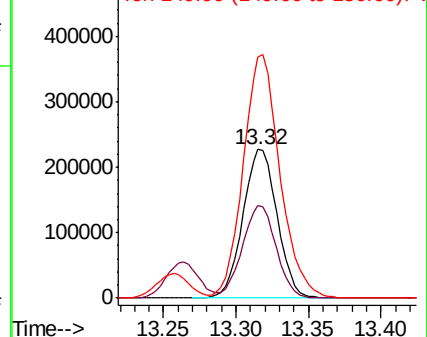
152 100

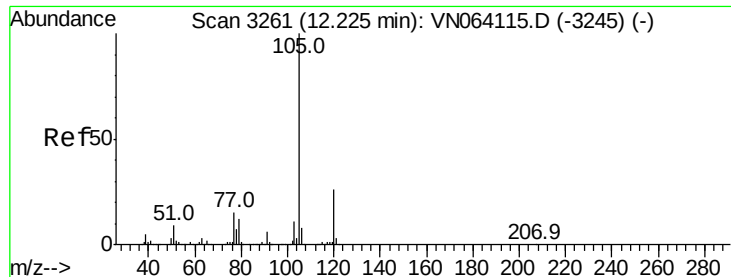
115 61.2 29.3 87.8

150 175.8 0.0 346.0



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: 47.140 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

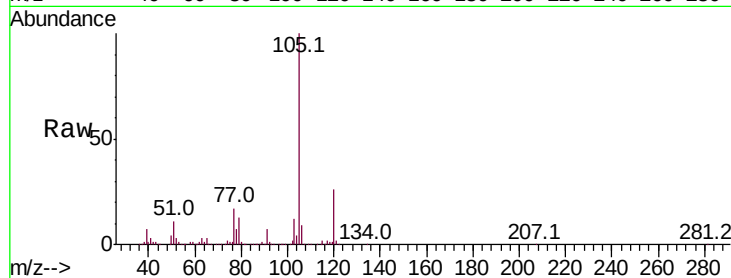
VSTDCCC050EC

Tot Ion:105 Resp: 1270169

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

800000

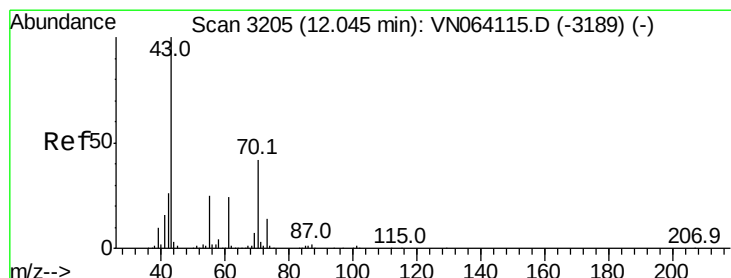
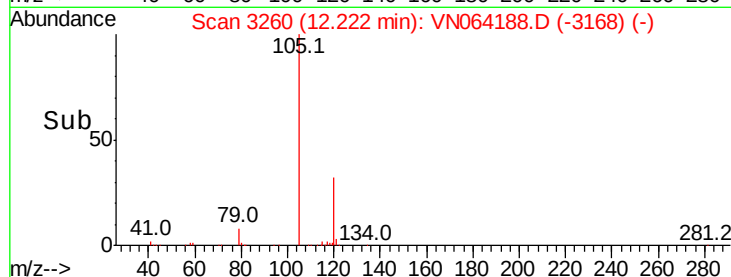
600000

400000

200000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 62.362 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Tgt Ion: 43 Resp: 629262

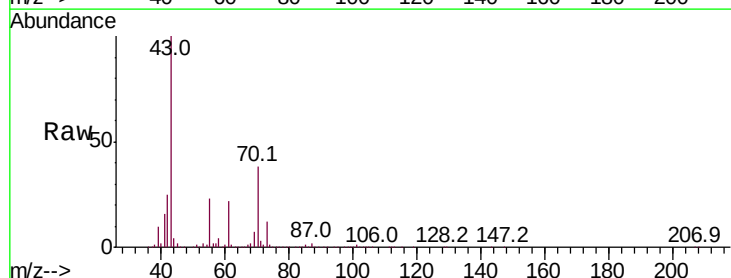
Ion Ratio Lower Upper

43 100

70 37.6 33.2 49.8

55 23.1 19.9 29.9

61 21.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

600000

500000

400000

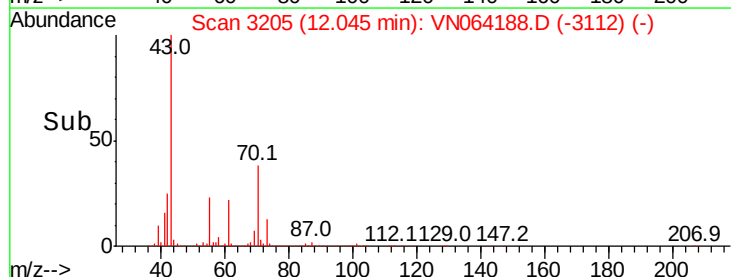
300000

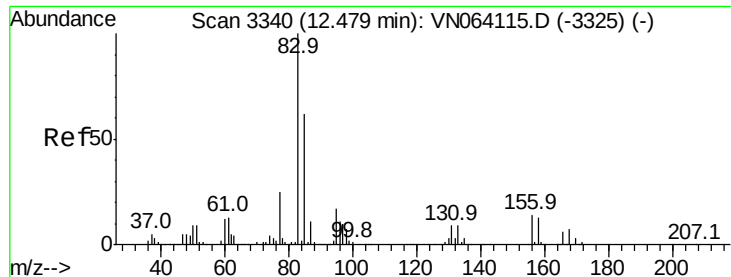
200000

100000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 46.167 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

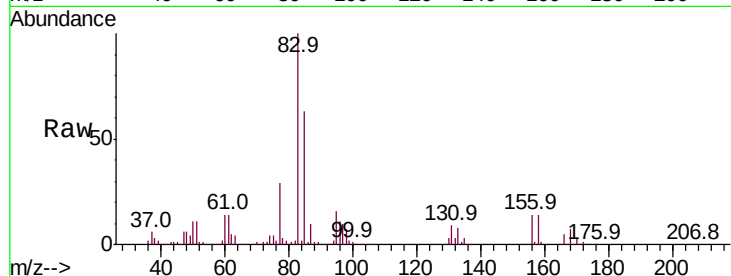
Tot Ion: 83 Resp: 428284

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

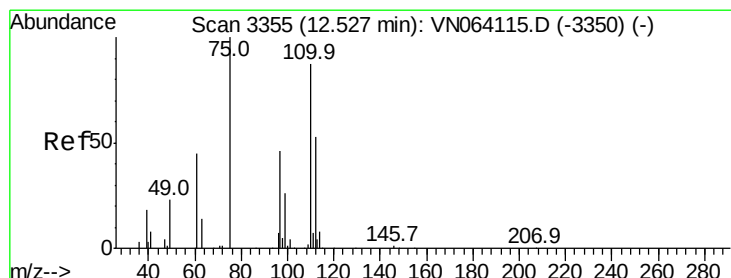
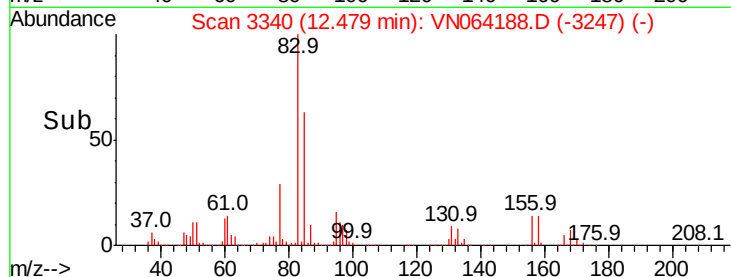
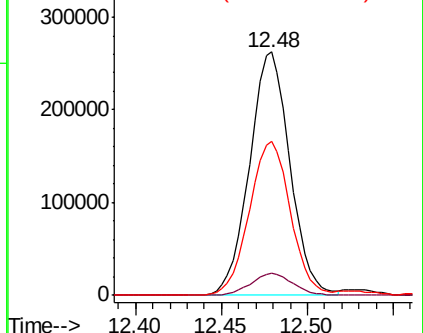
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 64.678 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064188.D

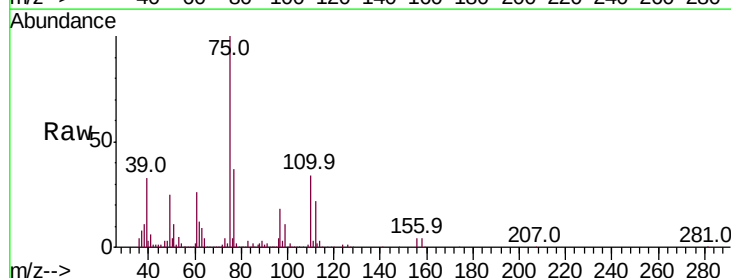
Acq: 17 Oct 2020 00:39

Tgt Ion: 75 Resp: 564441

Ion Ratio Lower Upper

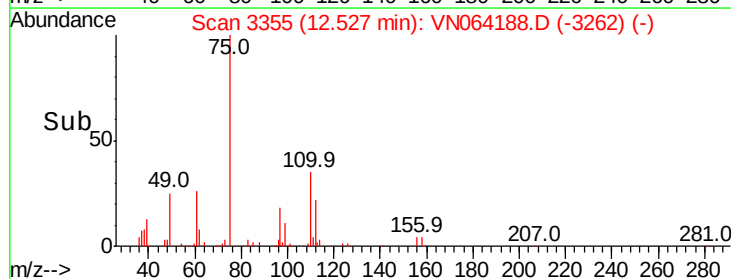
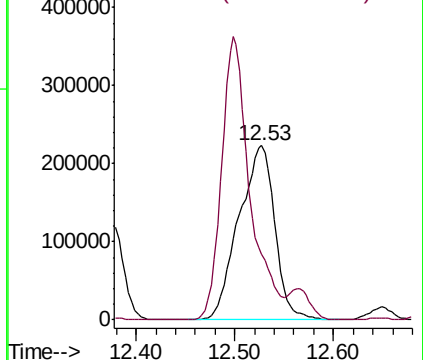
75 100

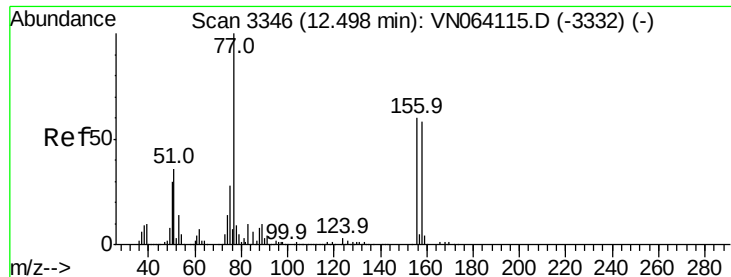
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 43.772 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

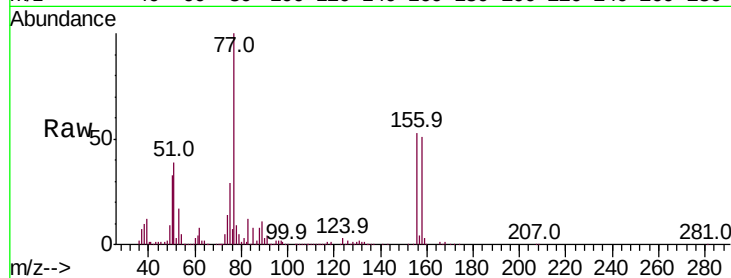
Tot Ion:156 Resp: 320189

Ion Ratio Lower Upper

156 100

77 227.9 99.3 297.9

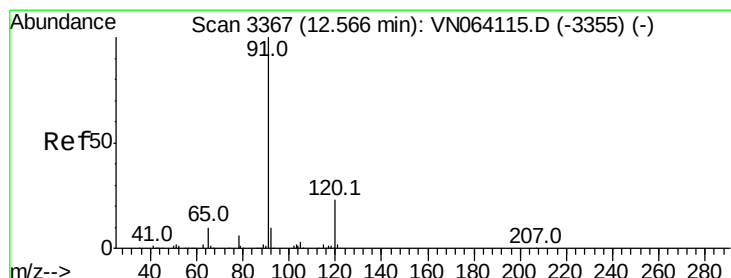
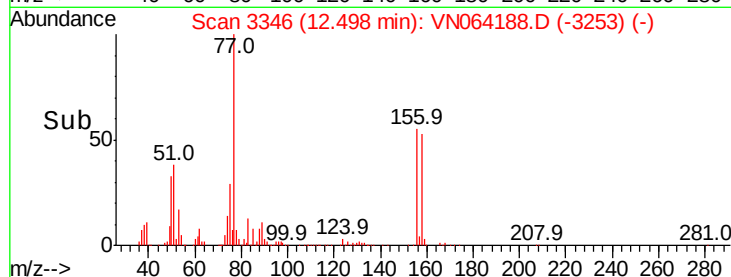
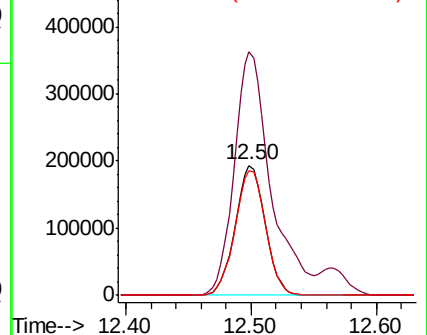
158 98.2 48.6 145.9



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: 51.110 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064188.D

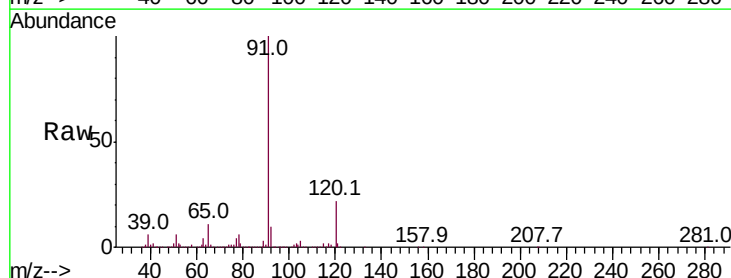
Acq: 17 Oct 2020 00:39

Tgt Ion: 91 Resp: 1537073

Ion Ratio Lower Upper

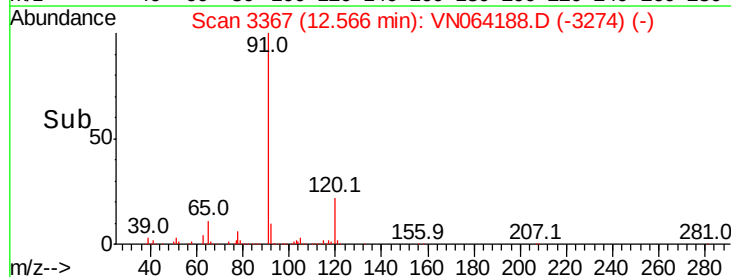
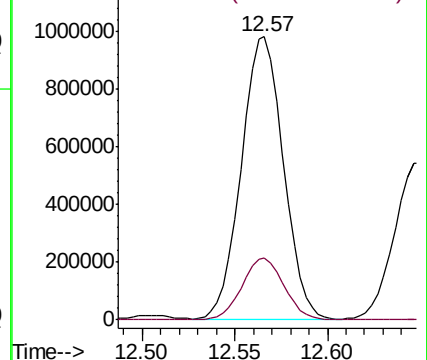
91 100

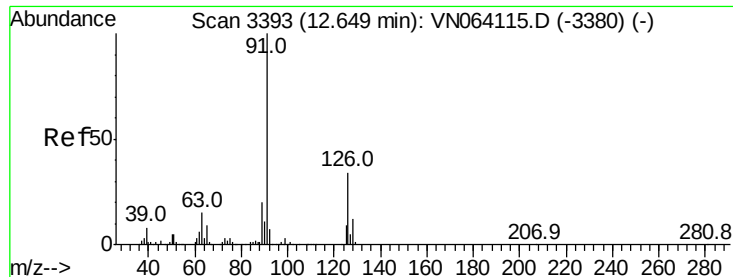
120 21.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

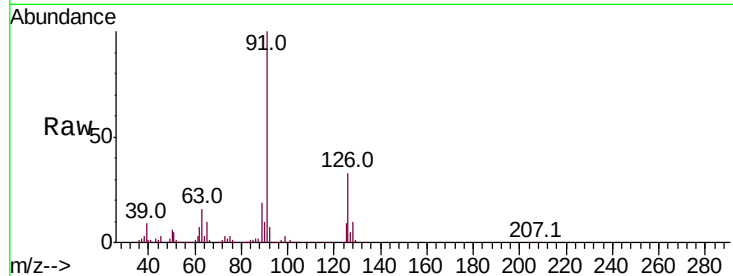




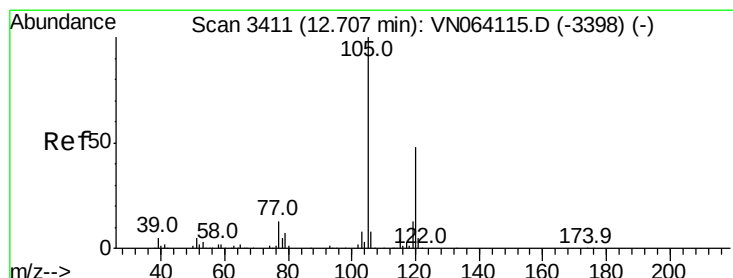
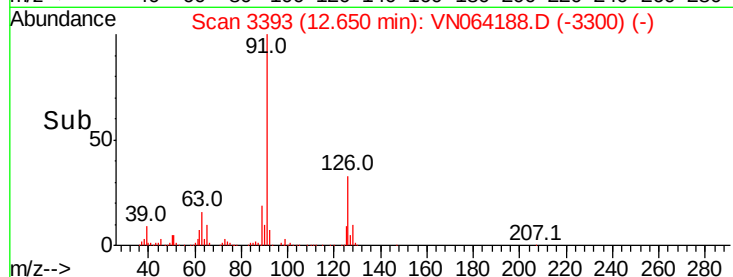
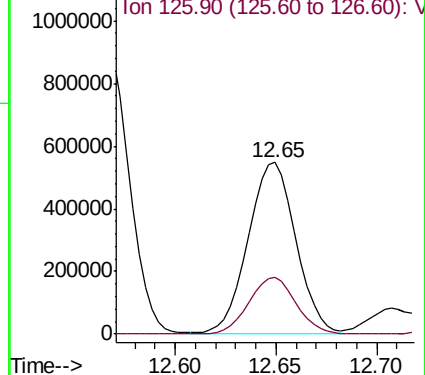
#79
2-Chlorotoluene
Concen: 47.222 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 903206
Ion Ratio Lower Upper
91 100
126 33.0 17.5 52.5

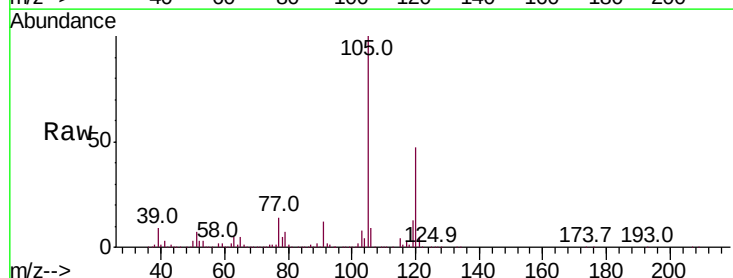


Abundance Ion 91.00 (90.70 to 91.70): VN064188.D (-3393) (-)
Ion 125.90 (125.60 to 126.60): VN064188.D (-3393) (-)

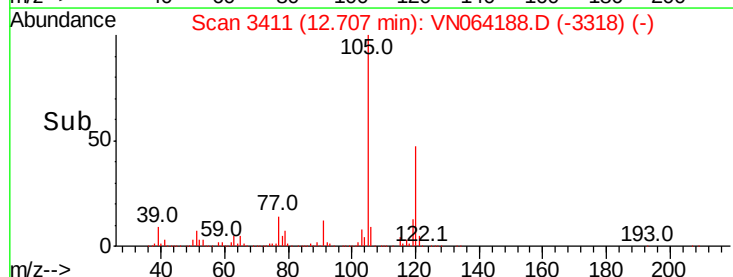
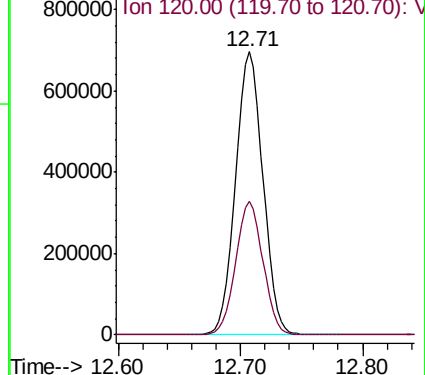


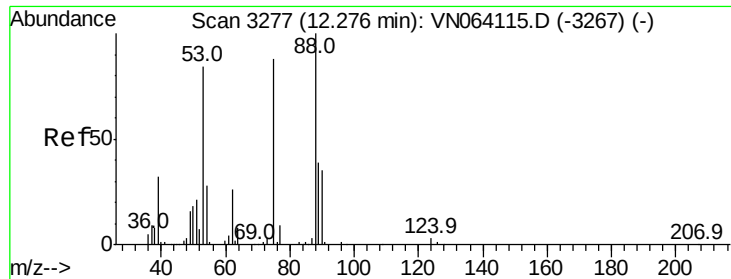
#80
1,3,5-Trimethylbenzene
Concen: 50.010 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 105 Resp: 1081583
Ion Ratio Lower Upper
105 100
120 46.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064188.D (-3411) (-)
Ion 120.00 (119.70 to 120.70): VN064188.D (-3411) (-)

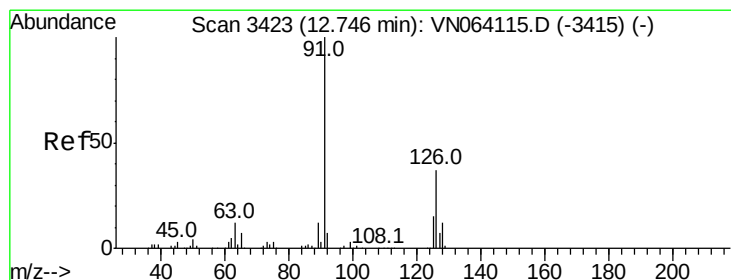
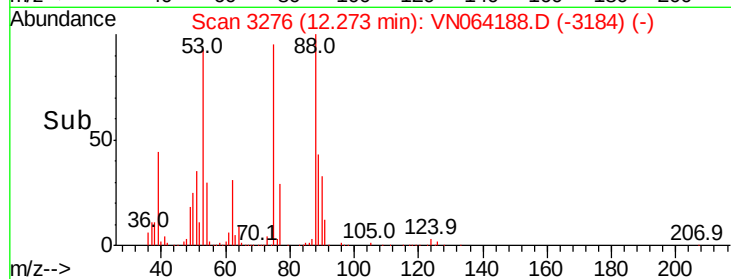
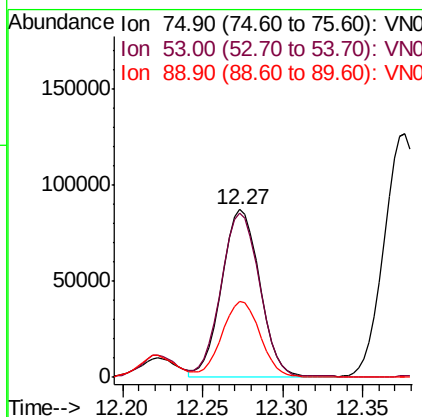
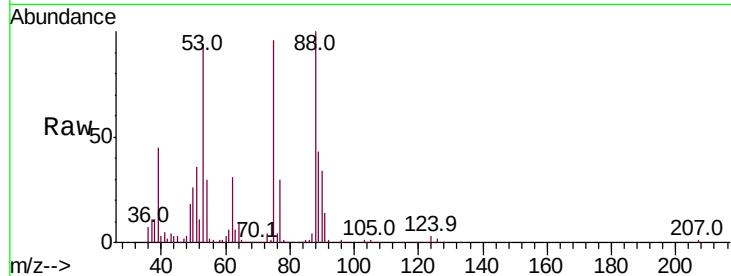




#81
trans-1,4-Dichloro-2-butene
Concen: 49.978 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

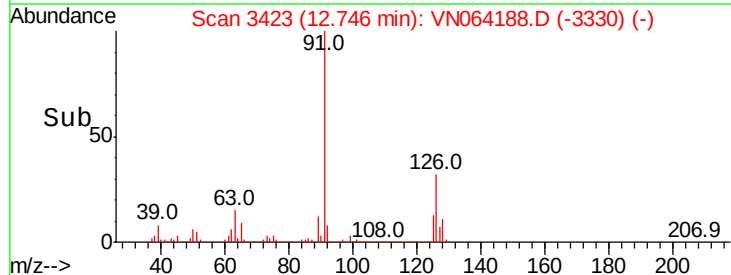
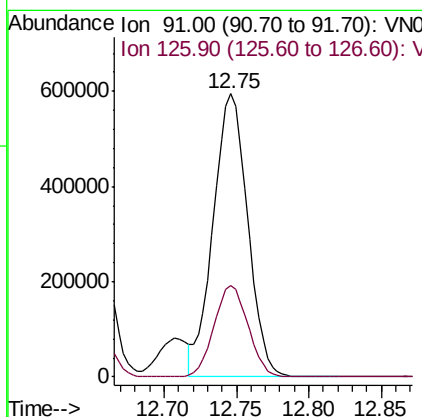
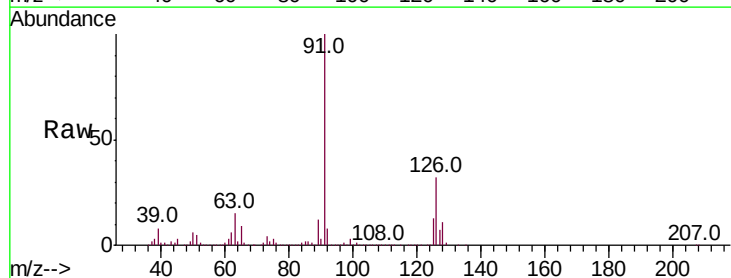
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

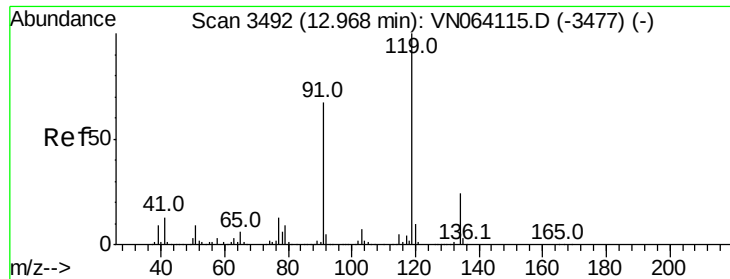
Tot Ion: 75 Resp: 142759
Ion Ratio Lower Upper
75 100
53 97.8 75.7 113.5
89 45.0 36.6 55.0



#82
4-Chlorotoluene
Concen: 50.732 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 91 Resp: 977967
Ion Ratio Lower Upper
91 100
126 31.9 17.1 51.2

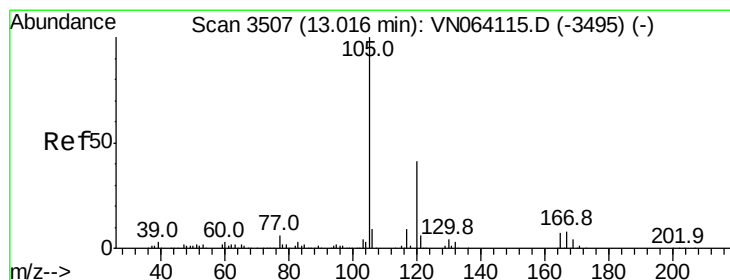
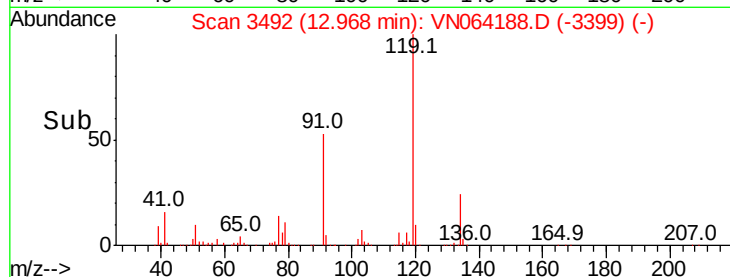
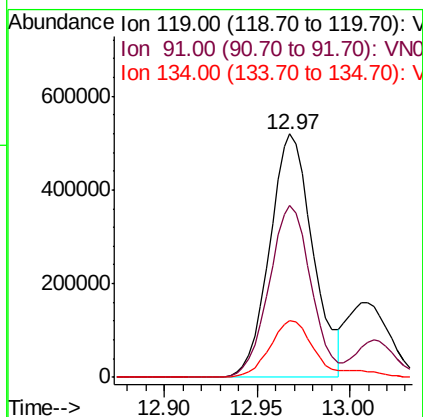
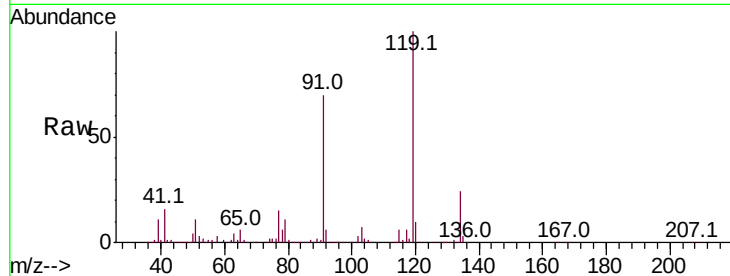




#83
 tert-Butylbenzene
 Concen: 47.166 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

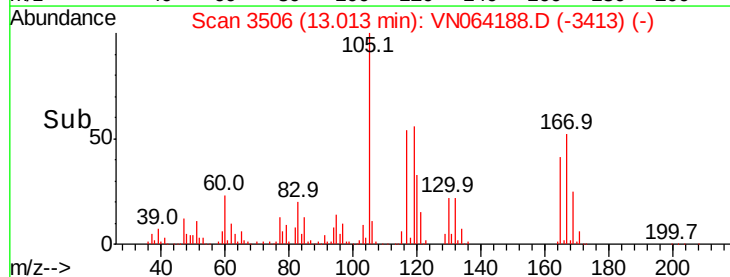
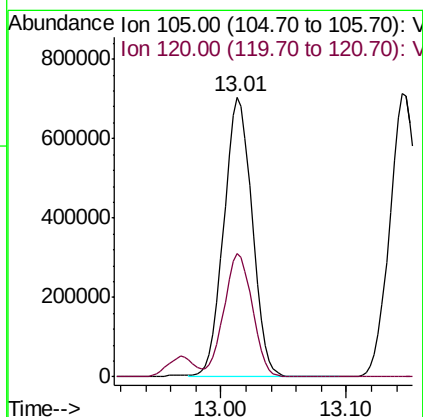
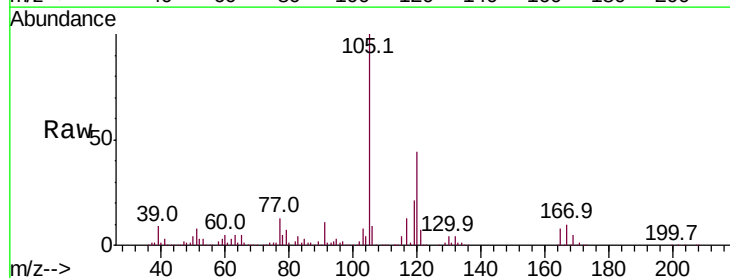
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

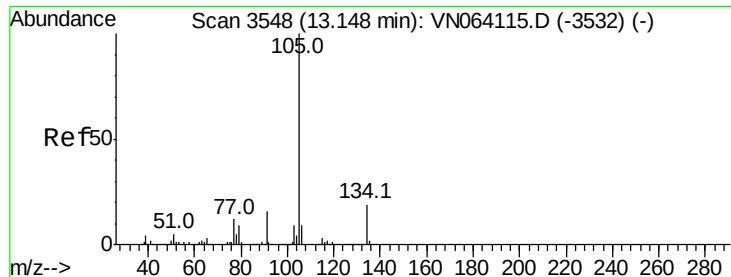
Tot Ion:119 Resp: 843625
 Ion Ratio Lower Upper
 119 100
 91 69.3 32.6 98.0
 134 23.3 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 48.757 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion:105 Resp: 1098979
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 49.196 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

Instrument :

MSVOA_N

ClientSampleId :

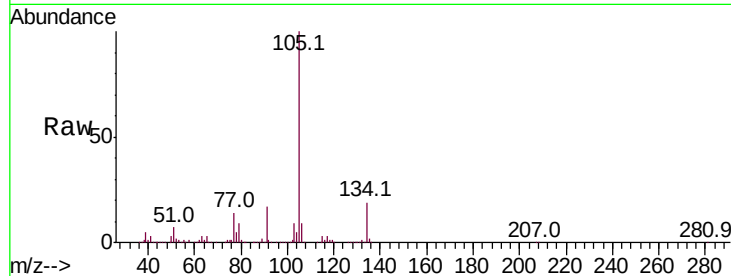
VSTDCCC050EC

Tot Ion:105 Resp: 1131175

Ion Ratio Lower Upper

105 100

134 19.1 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

800000

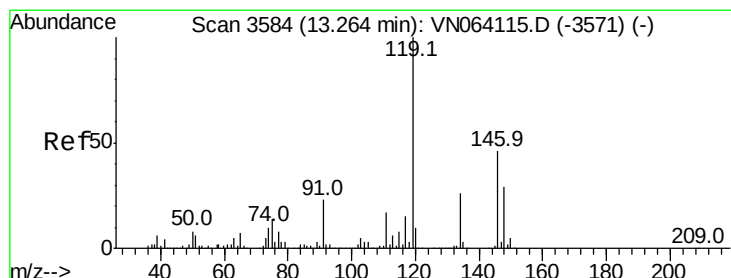
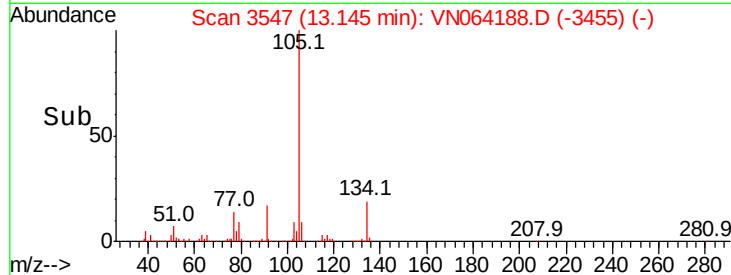
600000

400000

200000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 47.484 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064188.D

Acq: 17 Oct 2020 00:39

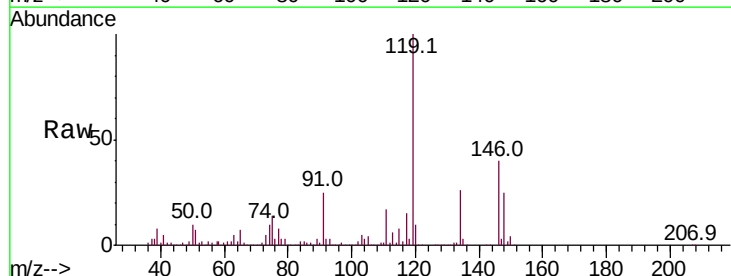
Tgt Ion:119 Resp: 1031944

Ion Ratio Lower Upper

119 100

134 25.4 13.2 39.5

91 25.4 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

800000

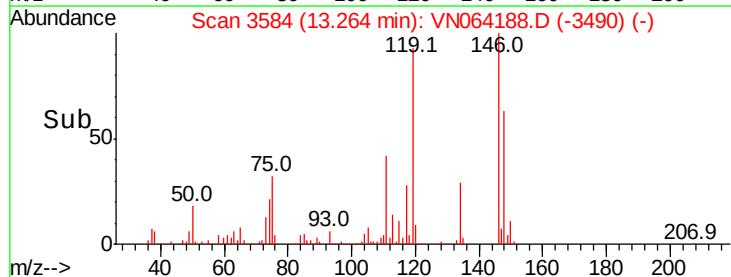
600000

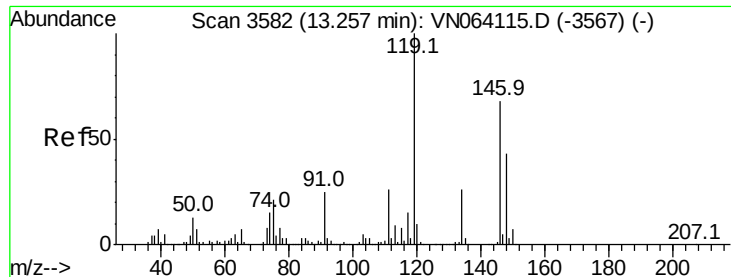
400000

200000

0

Time--> 13.20 13.25 13.30

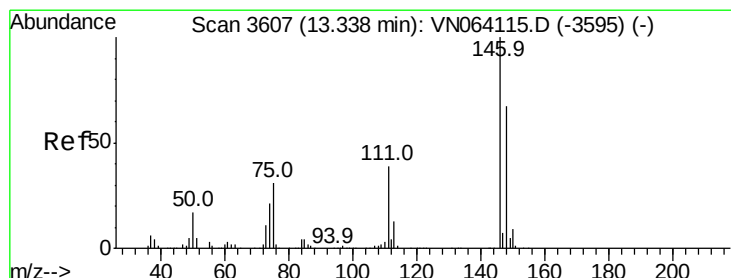
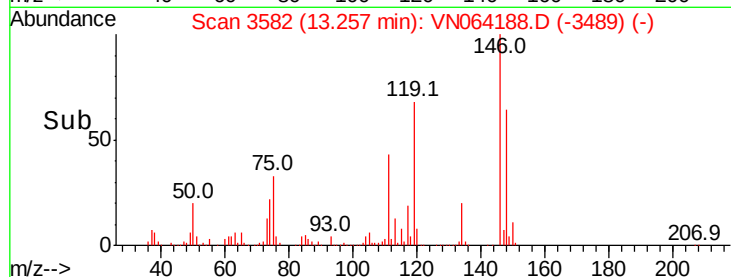
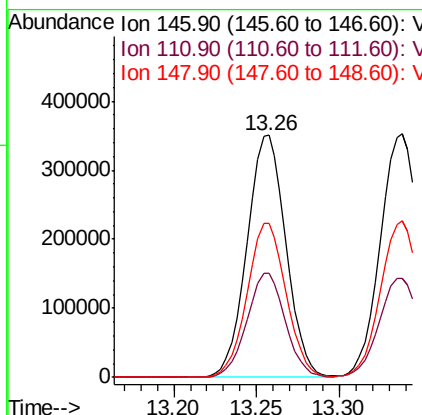
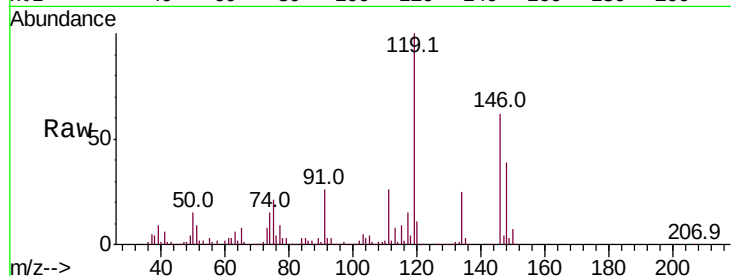




#87
 1,3-Dichlorobenzene
 Concen: 47.035 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

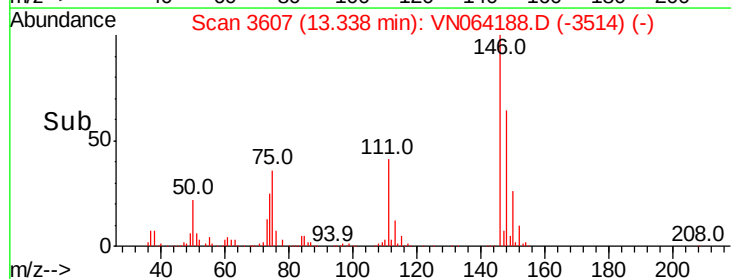
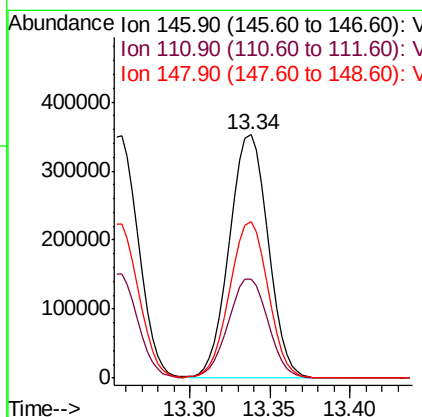
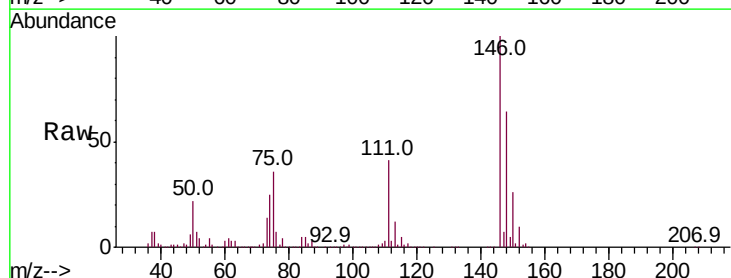
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

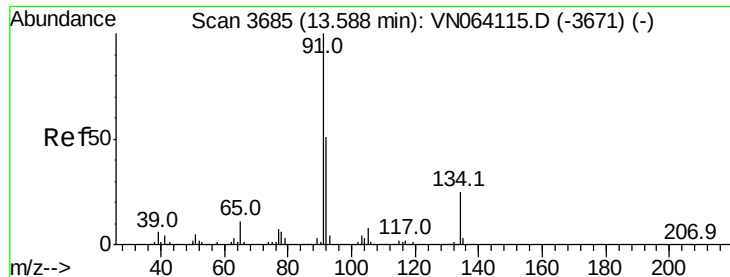
Tot Ion:146 Resp: 573259
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.7 59.1
 148 63.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.695 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion:146 Resp: 582082
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.3 57.9
 148 63.9 32.1 96.5

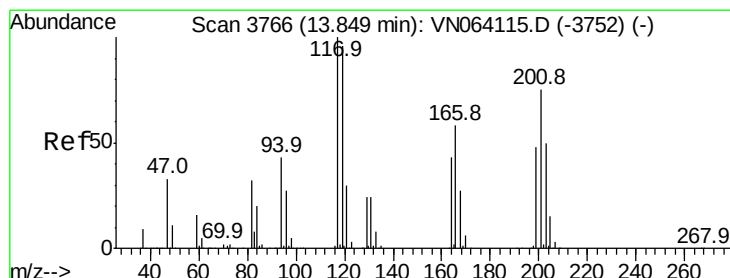
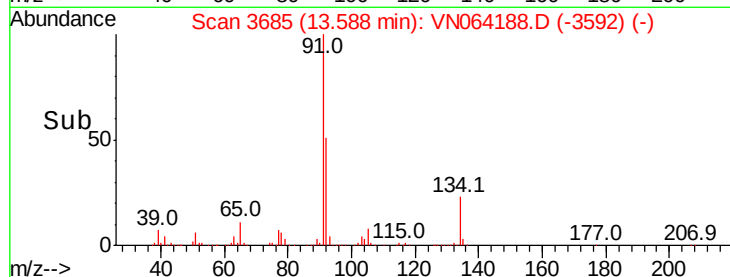
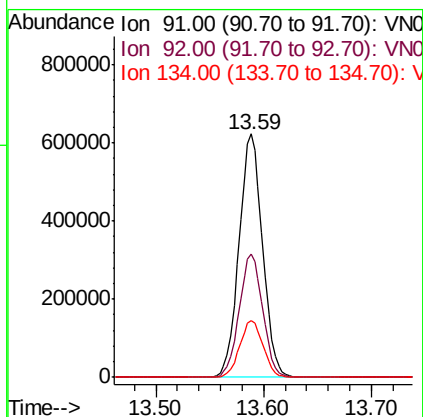
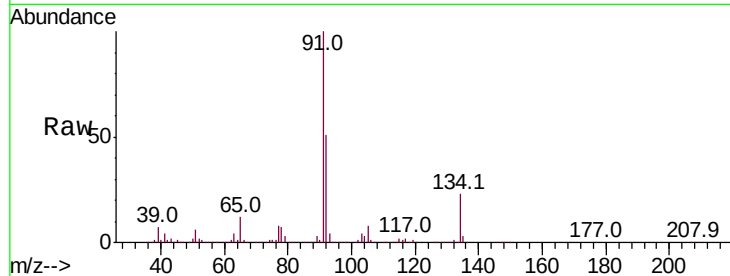




#89
n-Butylbenzene
Concen: 56.362 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

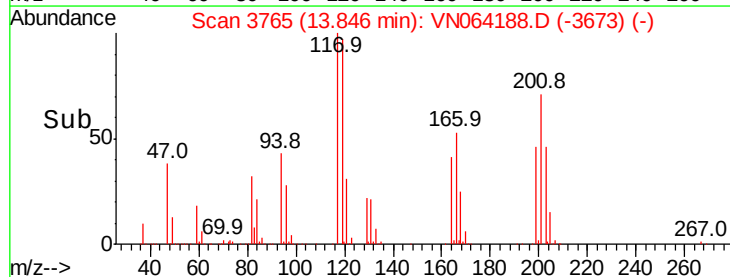
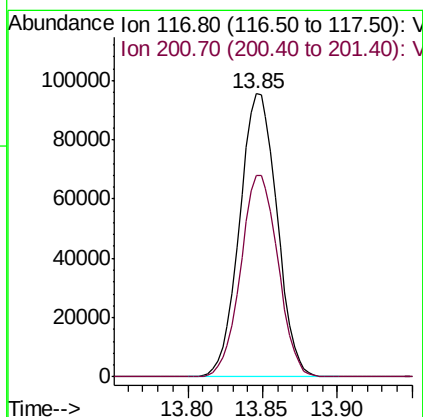
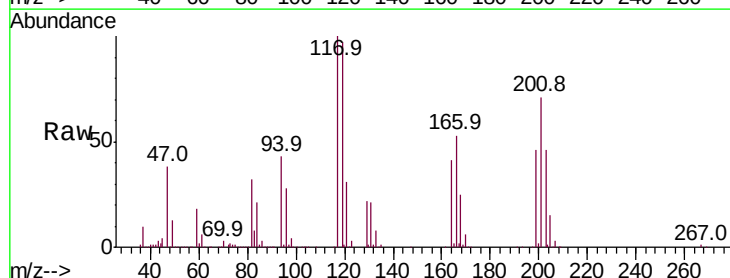
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

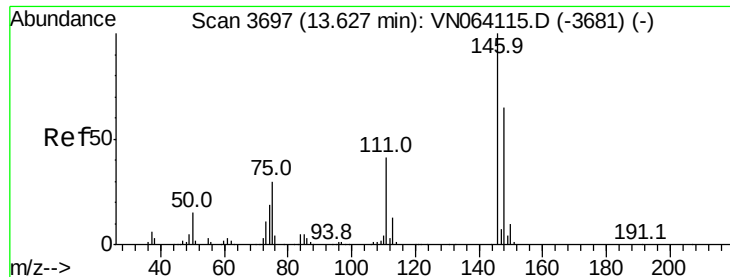
Tot Ion: 91 Resp: 944325
Ion Ratio Lower Upper
91 100
92 50.6 25.6 76.6
134 23.3 12.6 37.8



#90
Hexachloroethane
Concen: 43.514 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion: 117 Resp: 166514
Ion Ratio Lower Upper
117 100
201 70.9 37.4 112.2

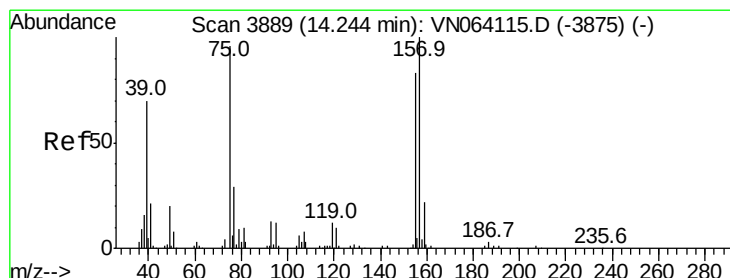
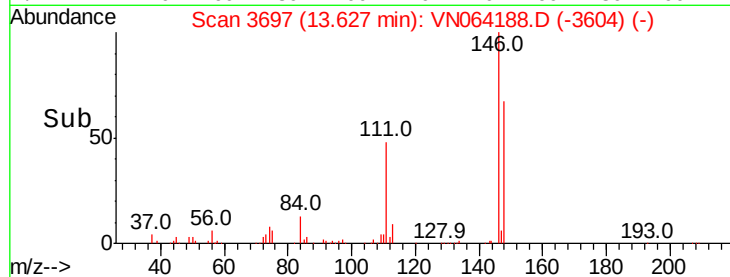
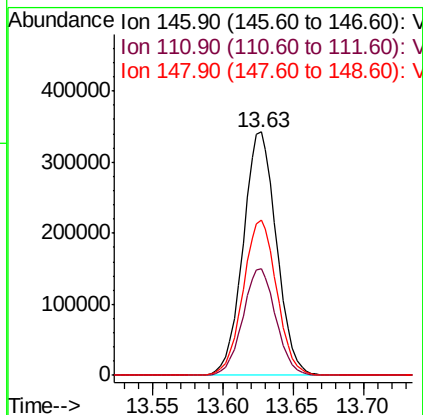
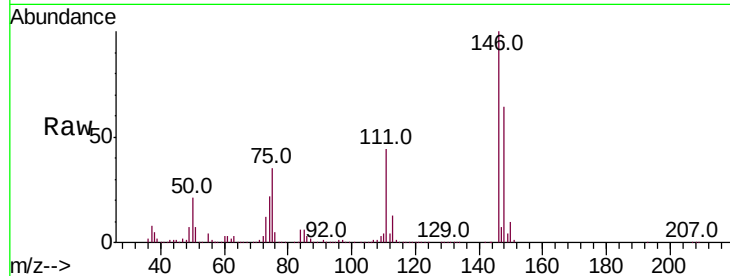




#91
 1,2-Dichlorobenzene
 Concen: 46.839 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

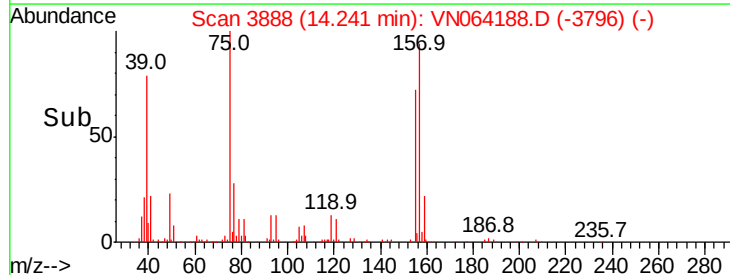
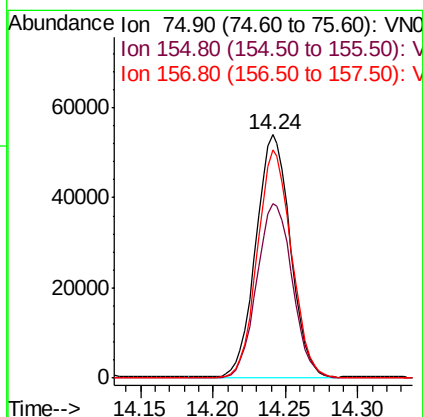
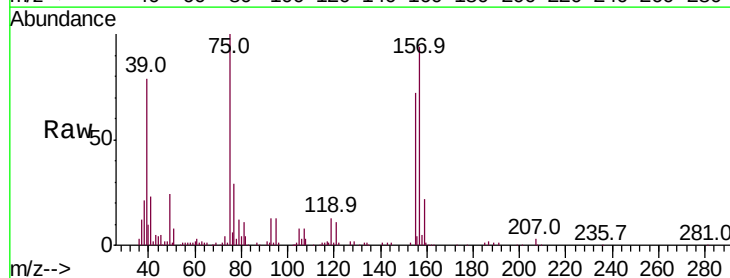
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

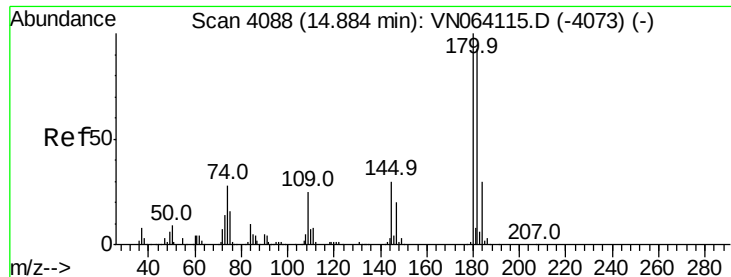
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.3	60.8
148	64.3	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.835 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	40.8	122.2
157	93.4	53.9	161.7

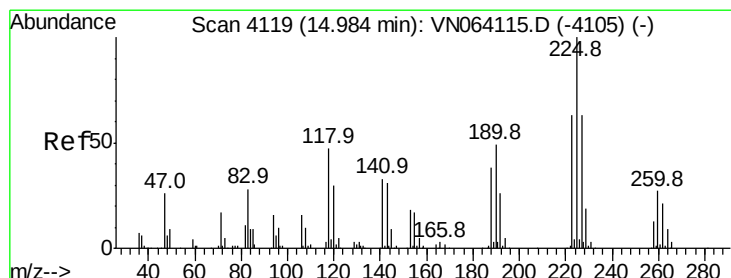
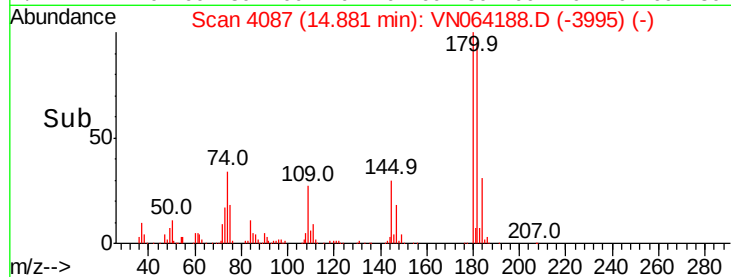
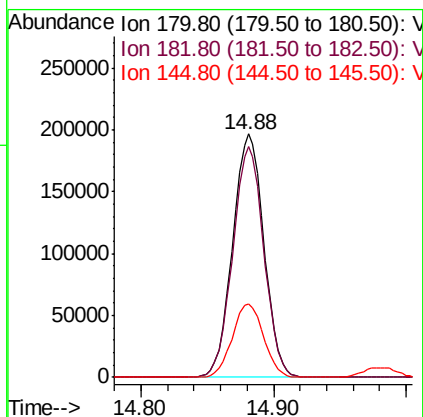
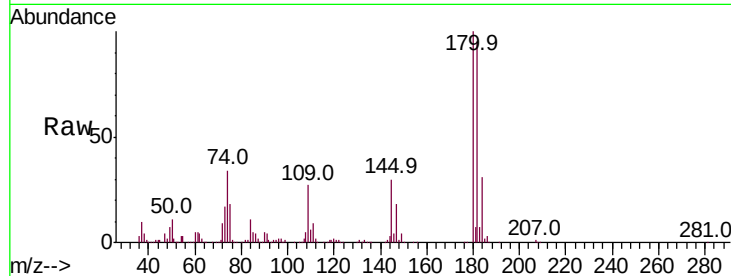




#93
 1,2,4-Trichlorobenzene
 Concen: 53.618 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

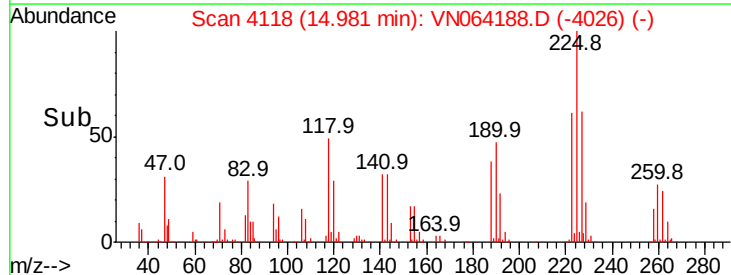
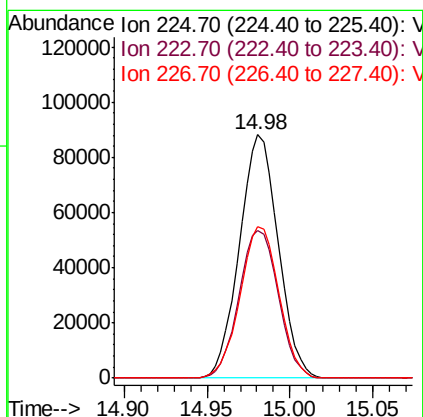
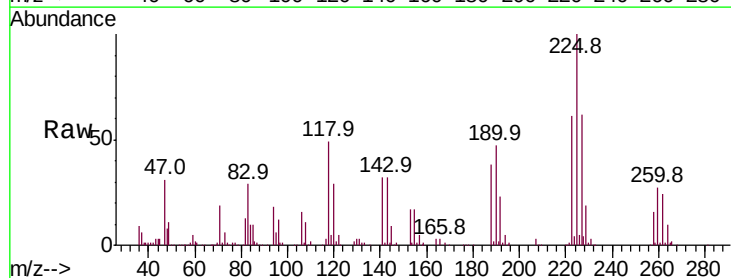
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

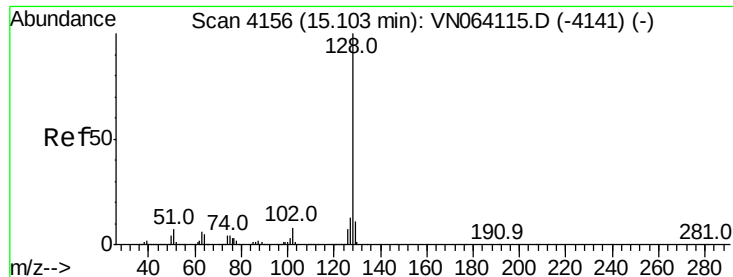
Tot Ion:180 Resp: 320844
 Ion Ratio Lower Upper
 180 100
 182 94.2 45.8 137.4
 145 30.2 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 49.634 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064188.D
 Acq: 17 Oct 2020 00:39

Tgt Ion:225 Resp: 143430
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.3 96.9
 227 62.6 31.6 94.8

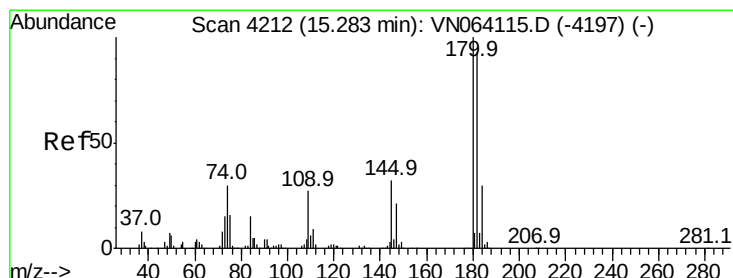
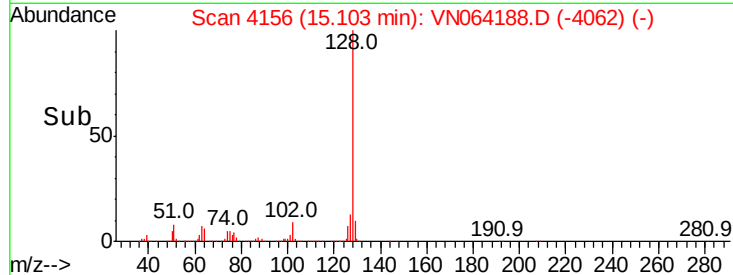
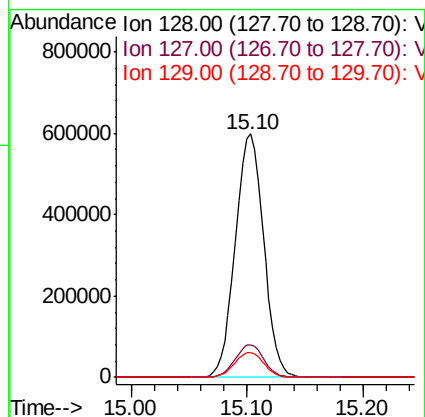
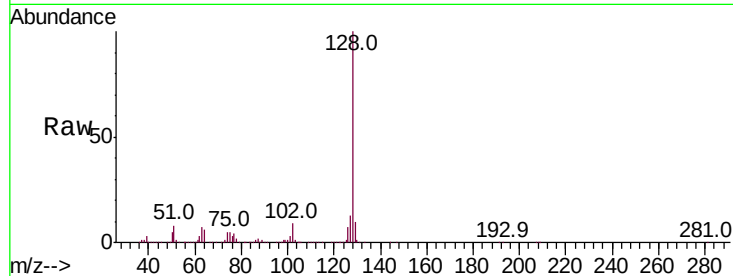




#95
Naphthalene
Concen: 55.186 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1012520
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 52.239 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064188.D
Acq: 17 Oct 2020 00:39

Tgt Ion:180 Resp: 310931
Ion Ratio Lower Upper
180 100
182 97.0 46.6 139.8
145 32.1 16.1 48.2

