

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064095.D
 Acq On : 12 Oct 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 13 01:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	248121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	424828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	408109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190816	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	202342	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.55	113	142695	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
50) Toluene-d8	10.06	98	522754	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.38	95	200366	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	105883	40.443	ug/l	99
3) Chloromethane	2.04	50	144395	47.004	ug/l	99
4) Vinyl Chloride	2.16	62	142812	46.313	ug/l	98
5) Bromomethane	2.52	94	83263	42.928	ug/l	100
6) Chloroethane	2.67	64	91976	49.916	ug/l	98
7) Trichlorofluoromethane	2.98	101	223705	45.742	ug/l	99
8) Diethyl Ether	3.37	74	89432	54.071	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	118145	45.198	ug/l	97
10) Methyl Iodide	3.91	142	165607	54.564	ug/l	97
11) Tert butyl alcohol	4.73	59	136641	301.931	ug/l	99
12) 1,1-Dichloroethene	3.70	96	122473	49.018	ug/l	92
13) Acrolein	3.56	56	102917	370.532	ug/l	100
14) Allyl chloride	4.27	41	248094	53.448	ug/l	89
15) Acrylonitrile	4.93	53	407911	314.887	ug/l	98
16) Acetone	3.77	43	367535	291.268	ug/l	99
17) Carbon Disulfide	4.01	76	309996	45.962	ug/l	100
18) Methyl Acetate	4.27	43	226113	69.016	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	503895	55.511	ug/l	100
20) Methylene Chloride	4.50	84	152054	52.604	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	135712	48.493	ug/l	96
22) Diisopropyl ether	5.90	45	564481	59.107	ug/l	96
23) Vinyl Acetate	5.84	43	2303766	291.211	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290877	53.269	ug/l	100
25) 2-Butanone	6.78	43	578733	323.498	ug/l	99
26) 2,2-Dichloropropane	6.77	77	198174	39.630	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	164681	51.165	ug/l	97
28) Bromochloromethane	7.15	49	151073	55.977	ug/l	94
29) Tetrahydrofuran	7.16	42	395172	329.348	ug/l	95
30) Chloroform	7.33	83	297031	52.170	ug/l	94
31) Cyclohexane	7.61	56	218739	45.964	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	259196	50.472	ug/l	98
36) 1,1-Dichloropropene	7.75	75	204816	47.588	ug/l	99
37) Ethyl Acetate	6.88	43	237521	55.547	ug/l	99
38) Carbon Tetrachloride	7.73	117	218384	45.250	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	178610	41.614	ug/l	98
40) Benzene	8.00	78	617420	50.225	ug/l	99
41) Methacrylonitrile	7.12	41	101038	53.166	ug/l #	83
42) 1,2-Dichloroethane	8.08	62	253538	48.316	ug/l	99
43) Isopropyl Acetate	8.13	43	411980	58.411	ug/l #	92
44) Trichloroethene	8.80	130	151569	47.057	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176056	53.029	ug/l	97
46) Dibromomethane	9.17	93	112000	48.902	ug/l	99
47) Bromodichloromethane	9.37	83	240300	50.909	ug/l	98
48) Methyl methacrylate	9.16	41	202521	58.118	ug/l	93
49) 1,4-Dioxane	9.16	88	49077	990.958	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1273573	307.695	ug/l	100
52) Toluene	10.13	92	380558	50.049	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	251987	49.803	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	266263	50.318	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	160969	52.788	ug/l	98
56) Ethyl methacrylate	10.40	69	249357	57.691	ug/l	94
57) 1,3-Dichloropropane	10.68	76	276528	53.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	672511	290.871	ug/l	97
59) 2-Hexanone	10.72	43	925908	301.132	ug/l	99
60) Dibromochloromethane	10.87	129	184292	51.895	ug/l	98
61) 1,2-Dibromoethane	10.98	107	165830	53.163	ug/l	99
64) Tetrachloroethene	10.60	164	138459	43.852	ug/l	98
65) Chlorobenzene	11.41	112	403626	48.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	157521	49.081	ug/l	96
67) Ethyl Benzene	11.48	91	742933	48.771	ug/l	100
68) m/p-Xylenes	11.60	106	548053	96.532	ug/l	100
69) o-Xylene	11.92	106	265911	50.111	ug/l	98
70) Styrene	11.94	104	461745	51.262	ug/l	99
71) Bromoform	12.10	173	126617	51.583	ug/l #	100
73) Isopropylbenzene	12.22	105	690977	49.646	ug/l	99
74) N-amyl acetate	12.05	43	366112	56.304	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	236930	55.670	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	312853	74.377	ug/l #	100
77) Bromobenzene	12.50	156	174620	51.131	ug/l	98
78) n-propylbenzene	12.57	91	787273	48.604	ug/l	100
79) 2-Chlorotoluene	12.65	91	495091	49.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	583283	49.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76810	52.593	ug/l	94
82) 4-Chlorotoluene	12.75	91	517130	50.005	ug/l	100
83) tert-Butylbenzene	12.97	119	467686	48.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	589968	50.607	ug/l	98
85) sec-Butylbenzene	13.14	105	604927	48.221	ug/l	100
86) p-Isopropyltoluene	13.26	119	543039	48.932	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	304597	49.300	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	306708	47.677	ug/l	98
89) n-Butylbenzene	13.59	91	468863	45.774	ug/l	99
90) Hexachloroethane	13.85	117	103474	48.116	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	302204	49.383	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52434	52.533	ug/l	94

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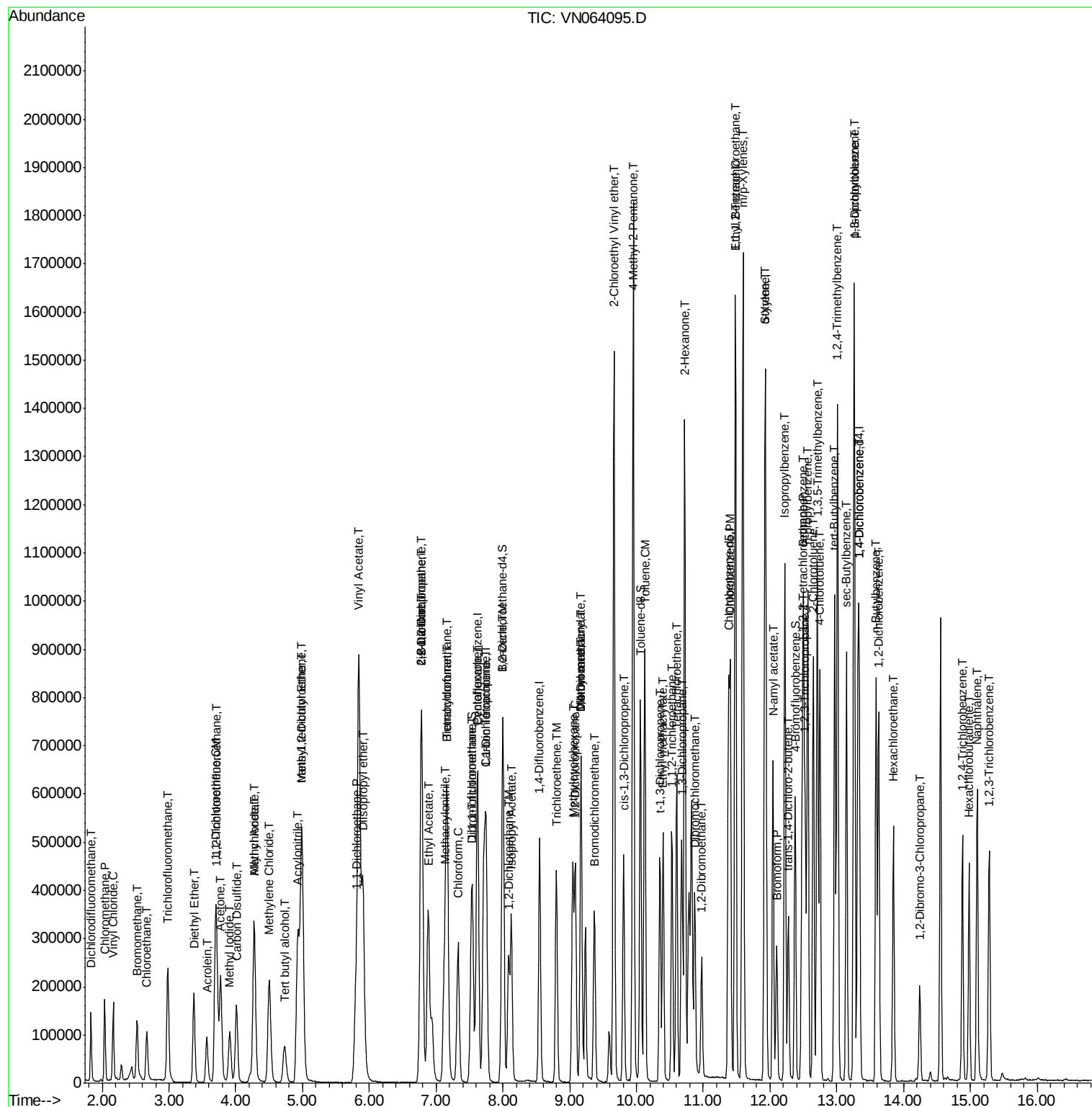
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	147754	44.597	ug/l	99
94) Hexachlorobutadiene	14.98	225	79438	47.879	ug/l	99
95) Naphthalene	15.10	128	487956	47.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152014	47.192	ug/l	100

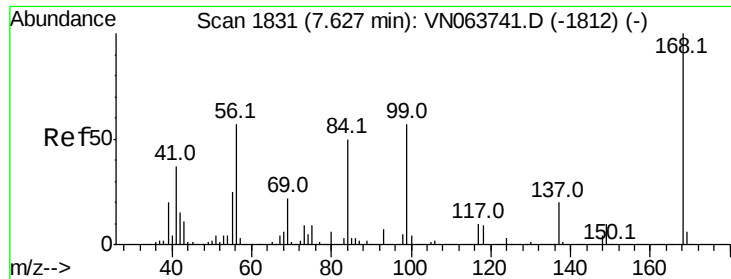
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

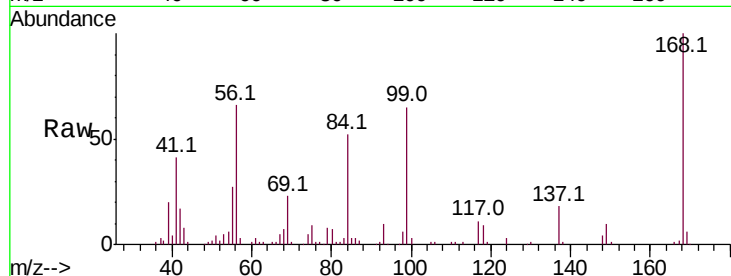
VSTDCCC050EC

Tot Ion:168 Resp: 248121

Ion Ratio Lower Upper

168 100

99 64.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

60000

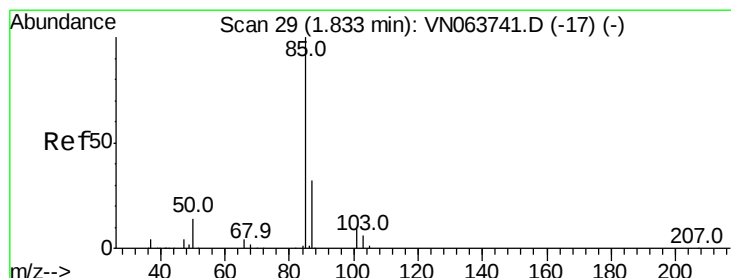
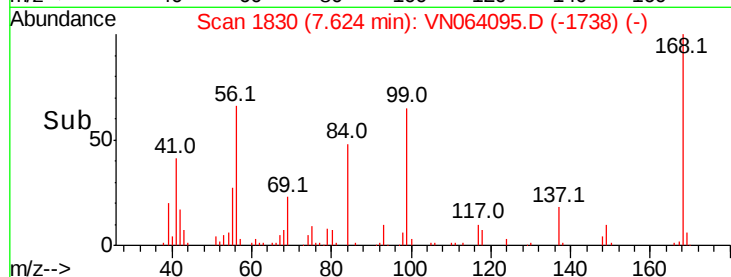
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 40.443 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064095.D

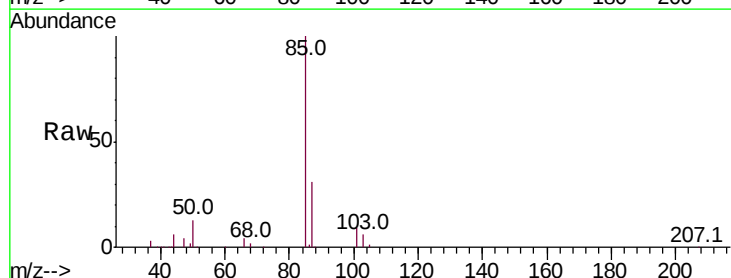
Acq: 12 Oct 2020 22:14

Tgt Ion: 85 Resp: 105883

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

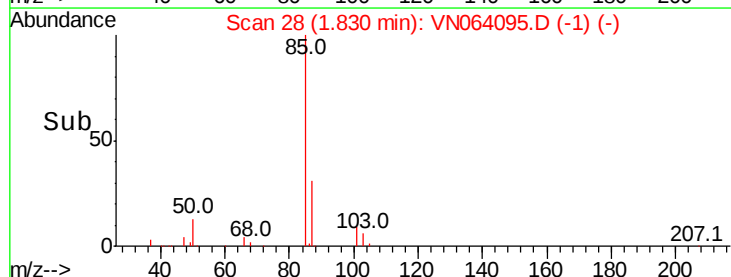
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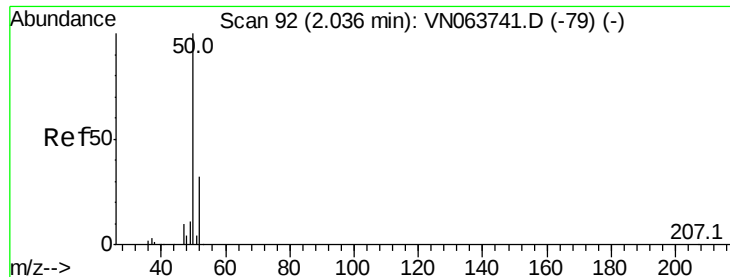
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0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 47.004 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

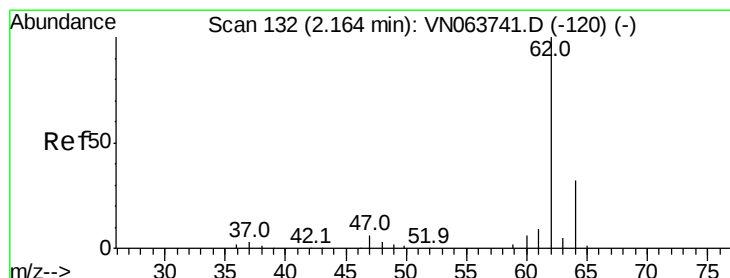
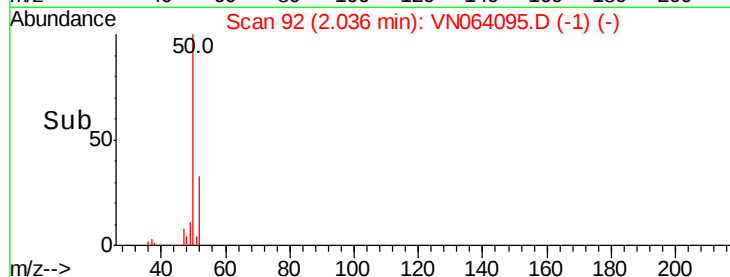
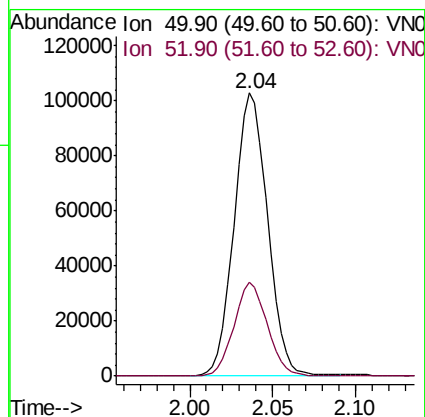
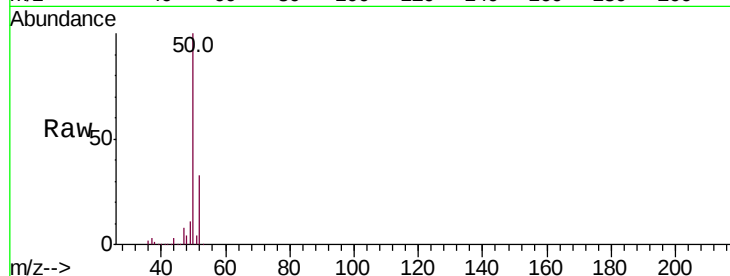
VSTDCCC050EC

Tot Ion: 50 Resp: 144395

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.8



#4

Vinyl Chloride

Concen: 46.313 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064095.D

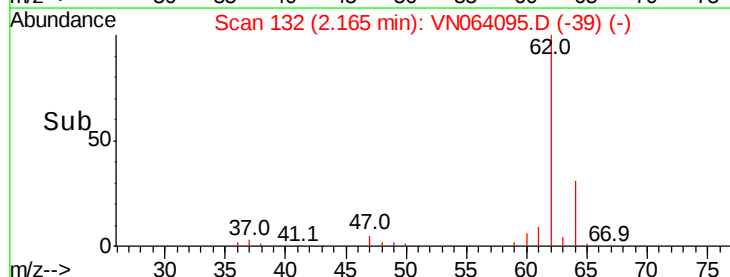
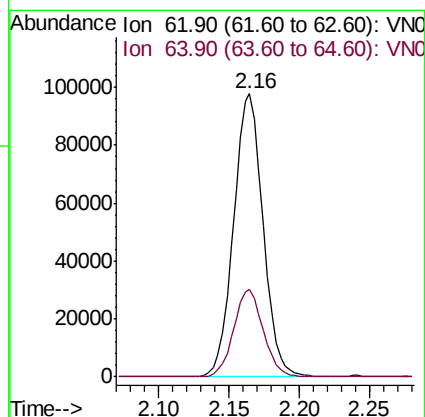
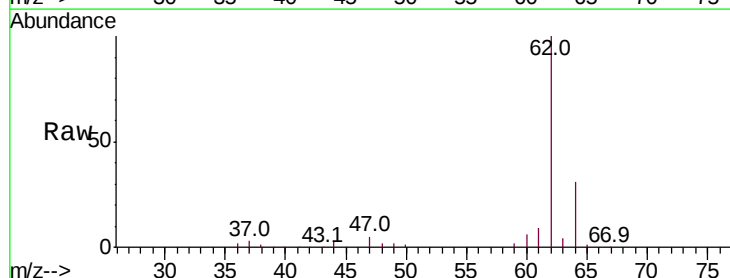
Acq: 12 Oct 2020 22:14

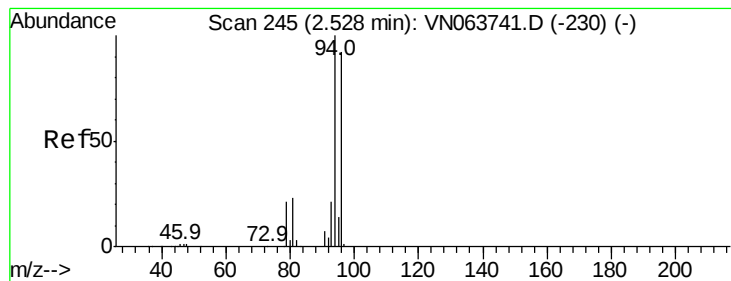
Tgt Ion: 62 Resp: 142812

Ion Ratio Lower Upper

62 100

64 30.7 25.6 38.4





#5

Bromomethane

Concen: 42.928 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

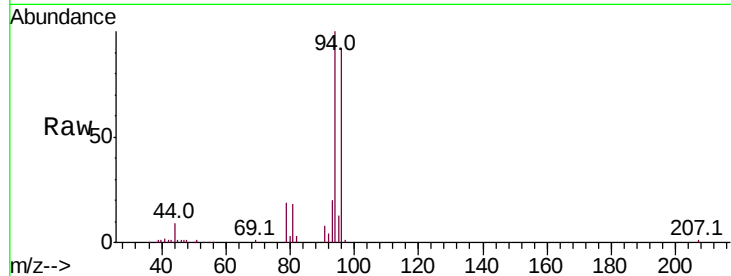
VSTDCCC050EC

Tot Ion: 94 Resp: 83263

Ion Ratio Lower Upper

94 100

96 91.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063741.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN063741.D (-230) (-)

2.52

40000

30000

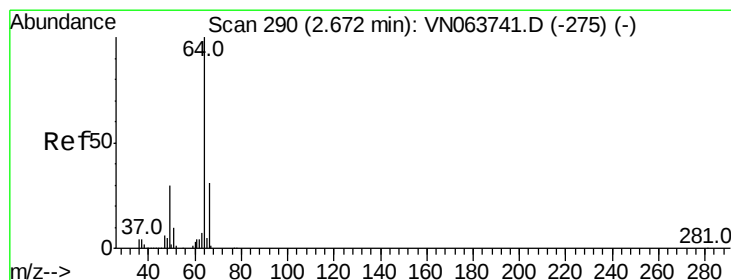
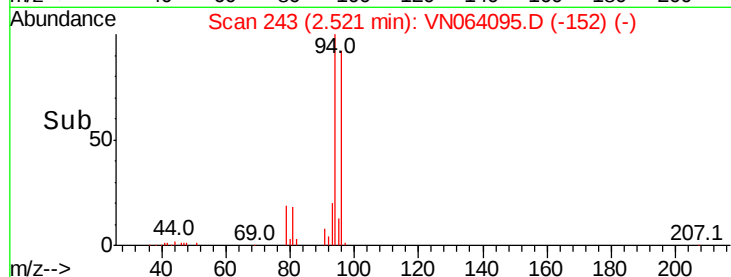
20000

10000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 49.916 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064095.D

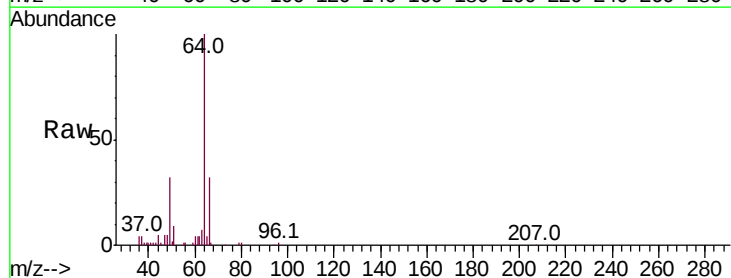
Acq: 12 Oct 2020 22:14

Tgt Ion: 64 Resp: 91976

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063741.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN063741.D (-275) (-)

2.67

50000

40000

30000

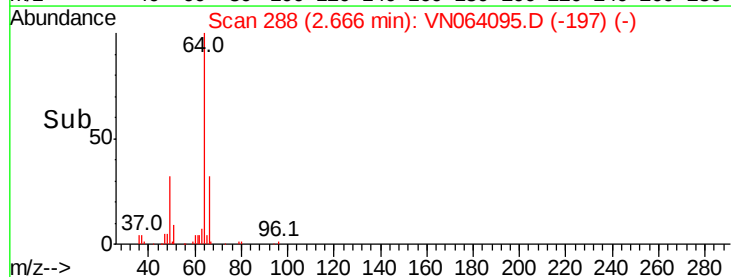
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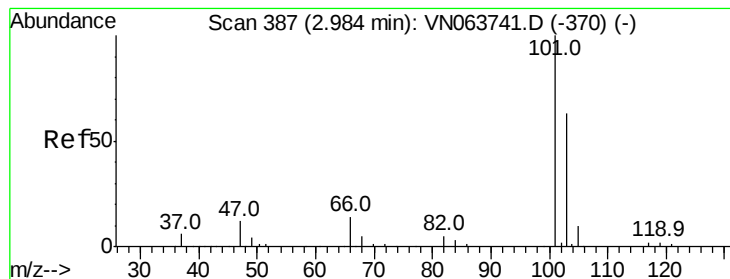
10000

0

2.60 2.70 2.80

Time-->



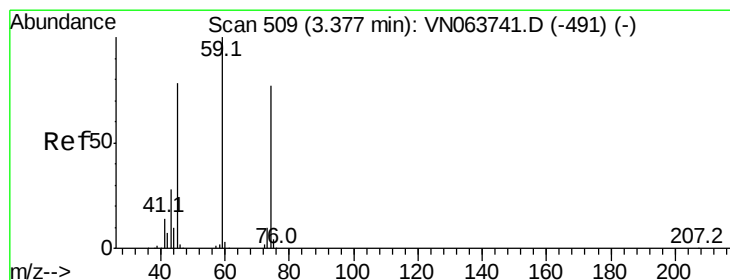
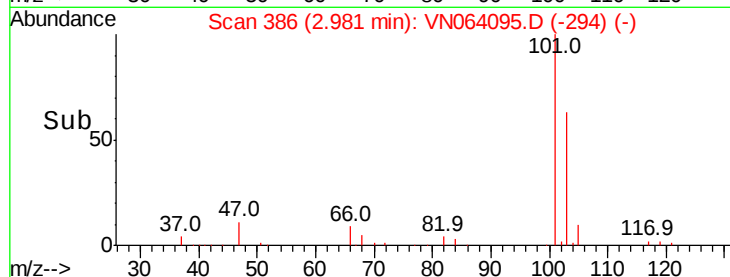
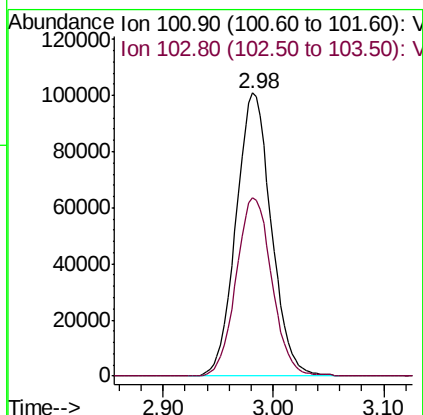
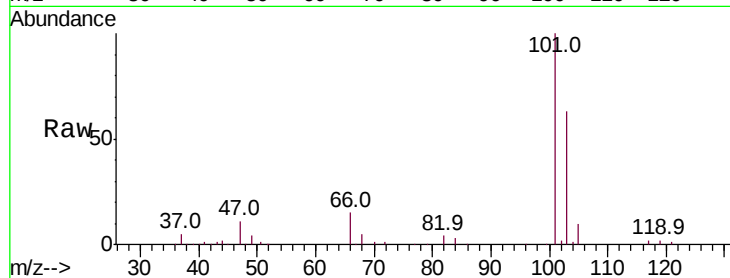


#7

Trichlorofluoromethane
 Concen: 45.742 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064095.D
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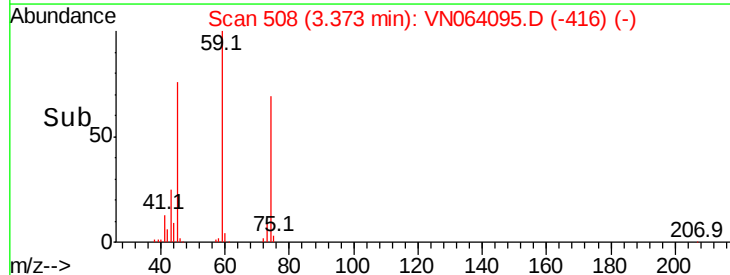
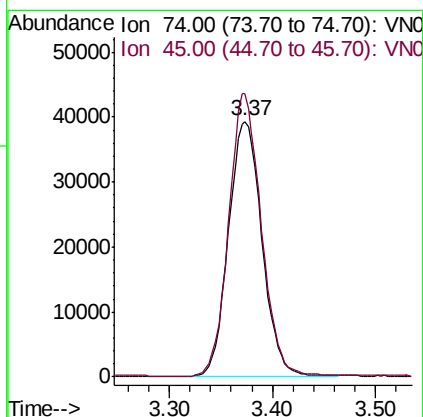
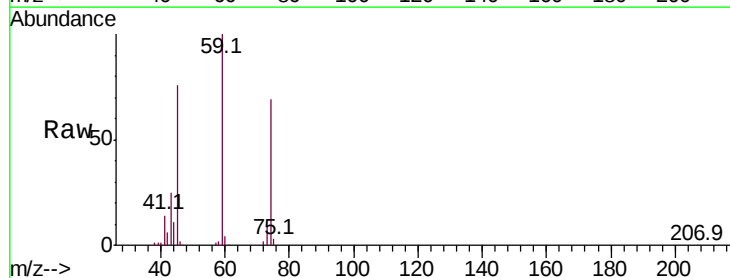
Tot Ion:101 Resp: 223705
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.7 76.1

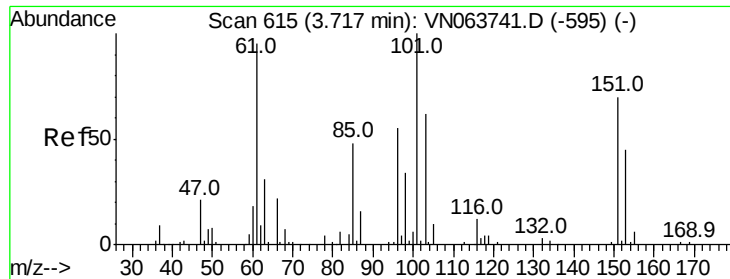


#8

Diethyl Ether
 Concen: 54.071 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 74 Resp: 89432
 Ion Ratio Lower Upper
 74 100
 45 107.6 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.198 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

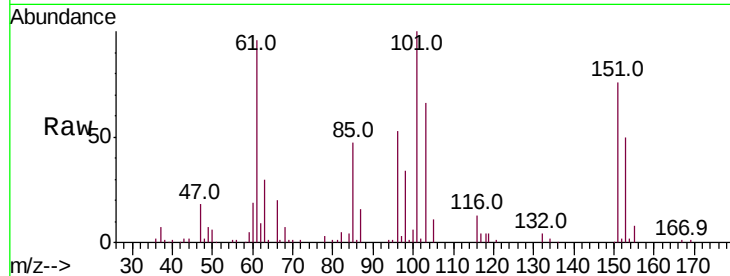
Tot Ion:101 Resp: 118145

Ion Ratio Lower Upper

101 100

85 47.6 38.6 58.0

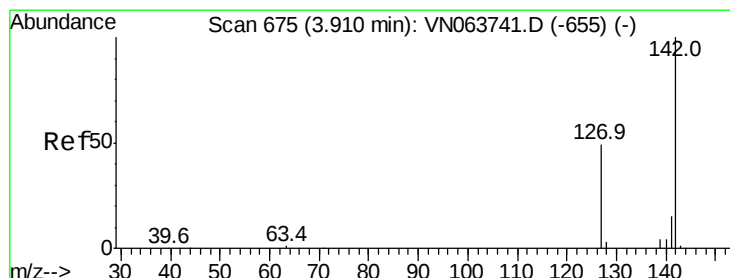
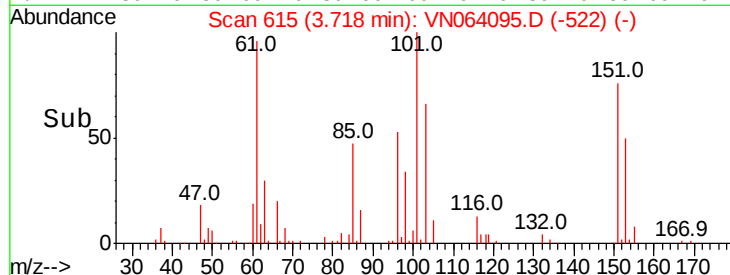
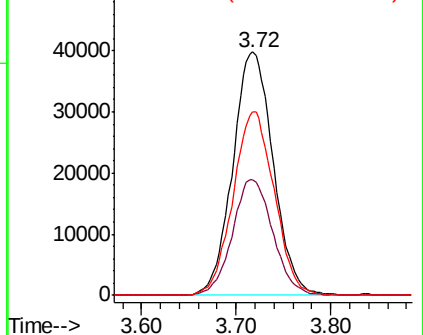
151 76.8 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.564 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

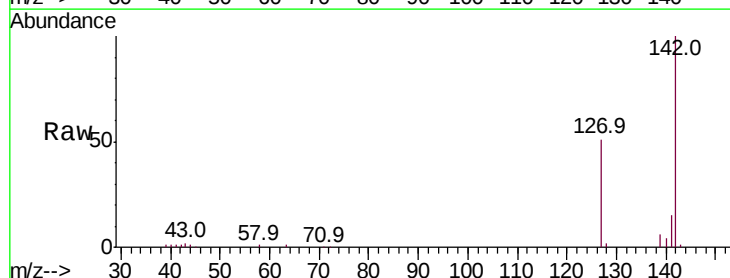
Tgt Ion:142 Resp: 165607

Ion Ratio Lower Upper

142 100

127 48.5 40.5 60.7

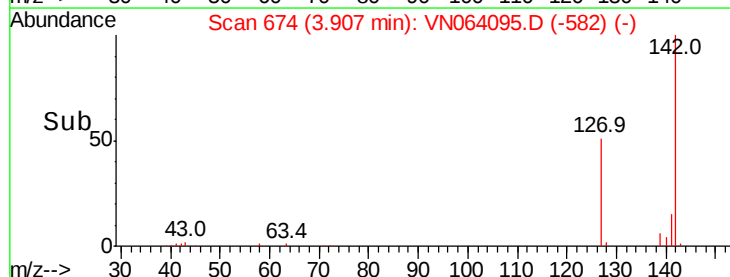
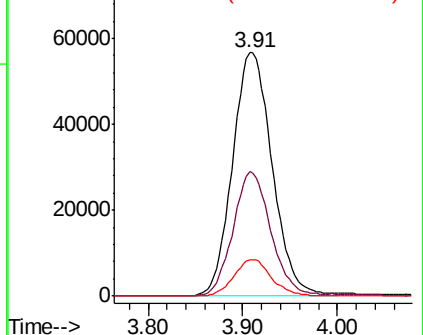
141 14.3 11.7 17.5

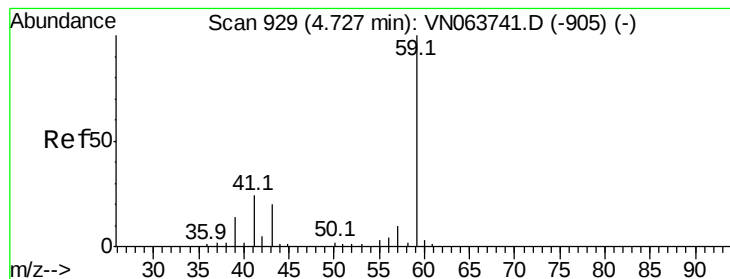


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



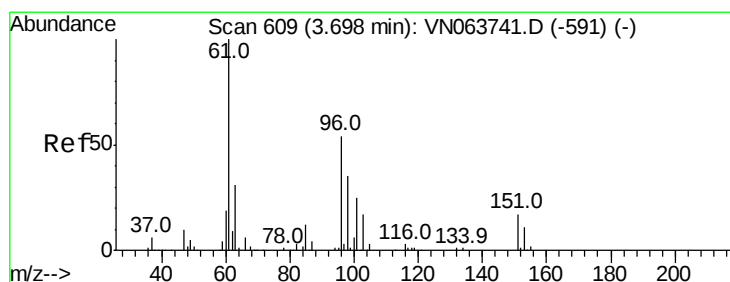
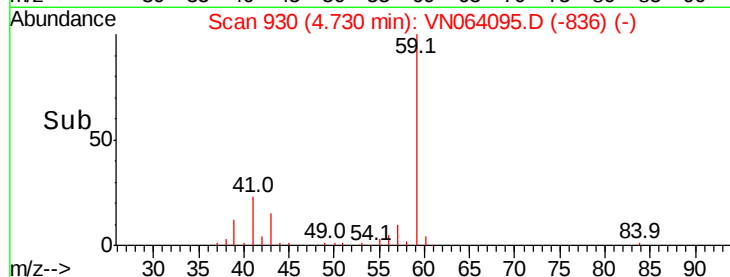
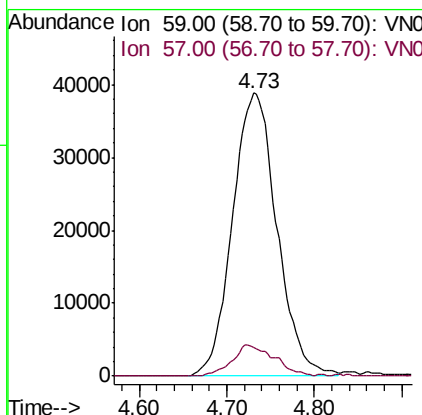
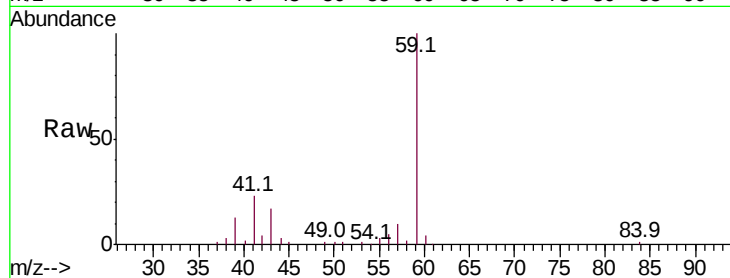


#11

Tert butyl alcohol
 Concen: 301.931 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

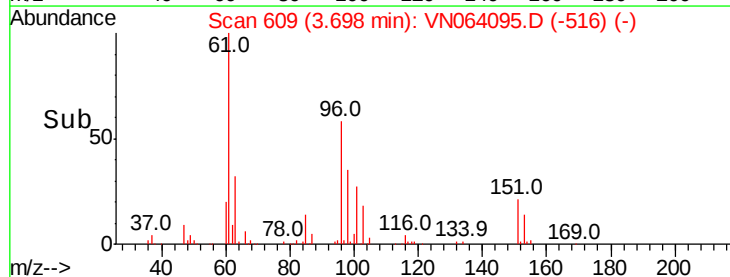
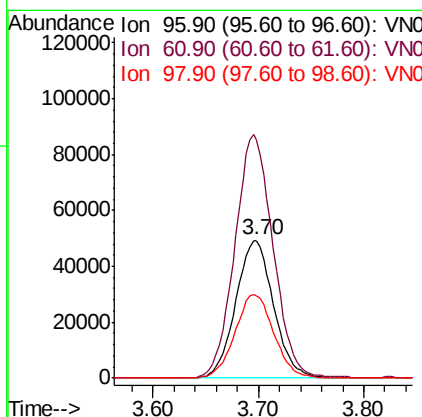
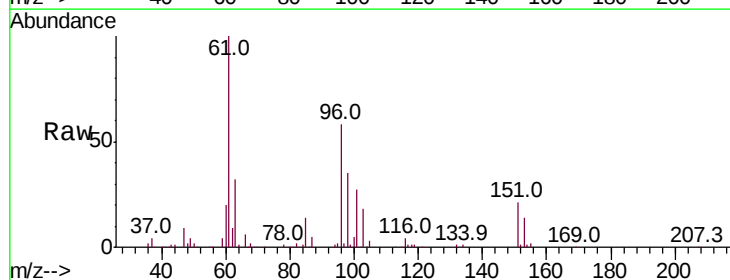
Tot Ion: 59 Resp: 136641
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.7 13.1

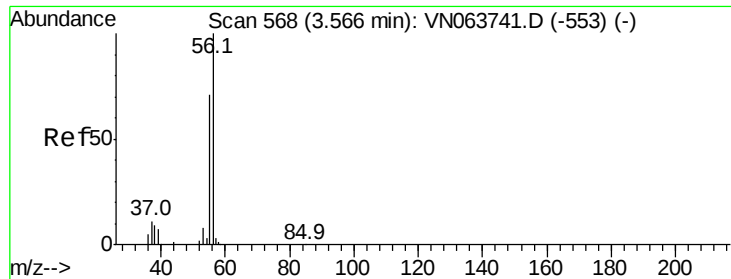


#12

1,1-Dichloroethene
 Concen: 49.018 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 96 Resp: 122473
 Ion Ratio Lower Upper
 96 100
 61 172.8 147.7 221.5
 98 59.7 51.9 77.9





#13

Acrolein

Concen: 370.532 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

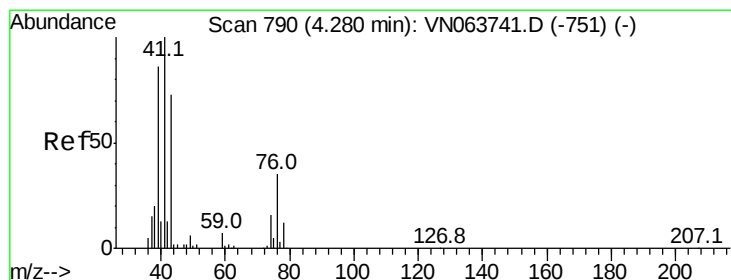
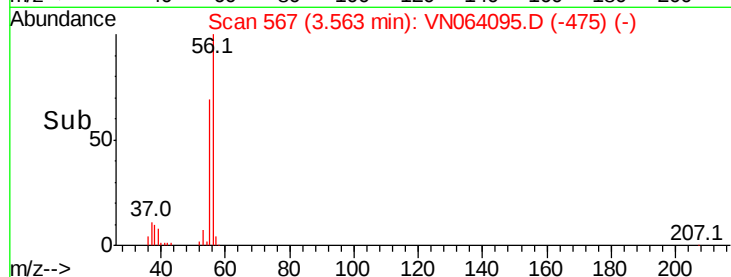
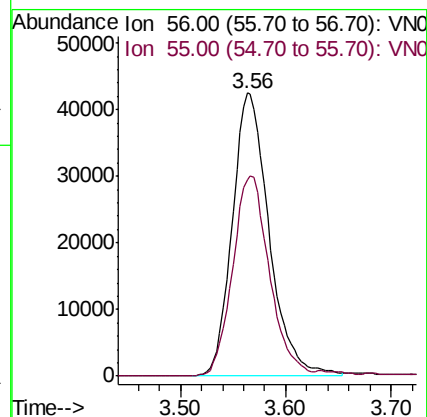
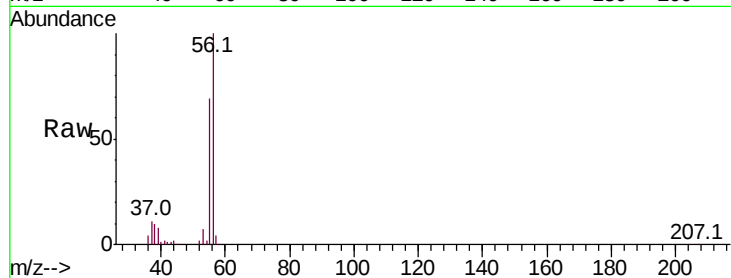
VSTDCCC050EC

Tot Ion: 56 Resp: 102917

Ion Ratio Lower Upper

56 100

55 70.7 56.9 85.3



#14

Allyl chloride

Concen: 53.448 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

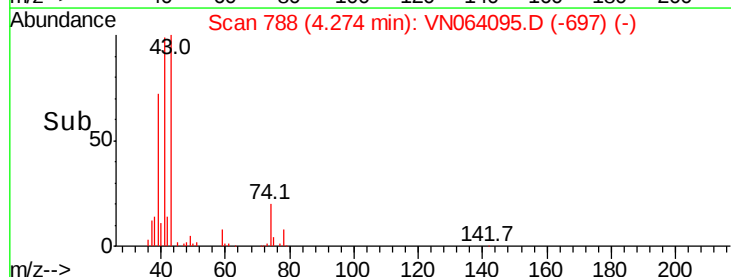
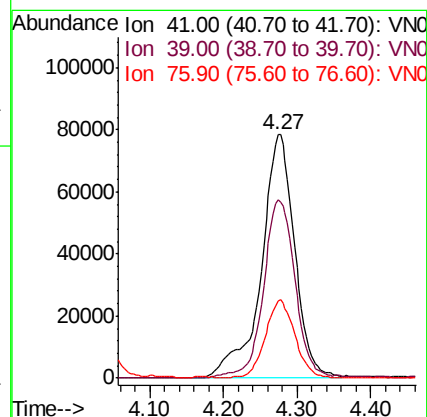
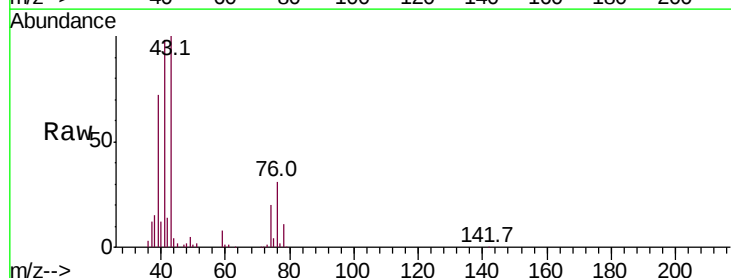
Tgt Ion: 41 Resp: 248094

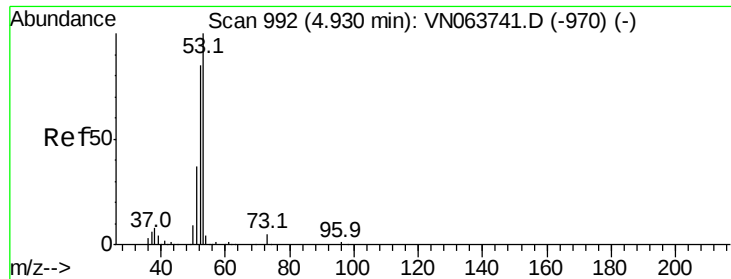
Ion Ratio Lower Upper

41 100

39 69.0 64.5 96.7

76 28.5 25.9 38.9





#15

Acrylonitrile

Concen: 314.887 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

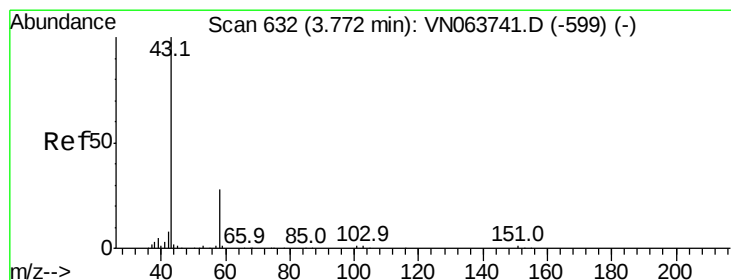
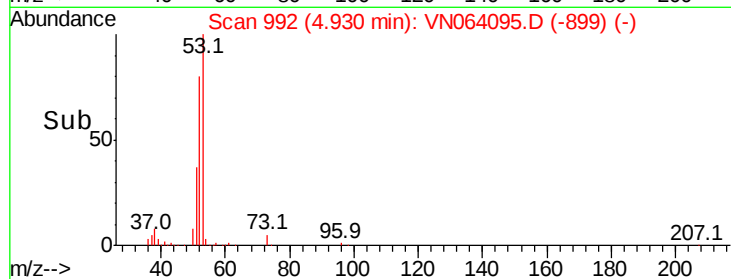
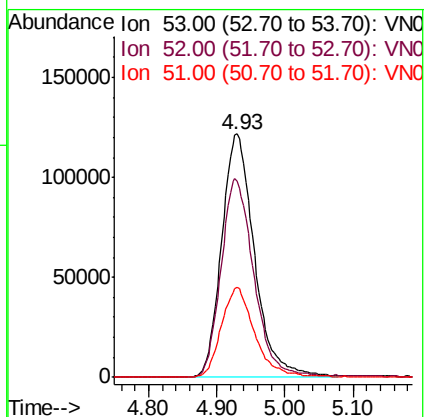
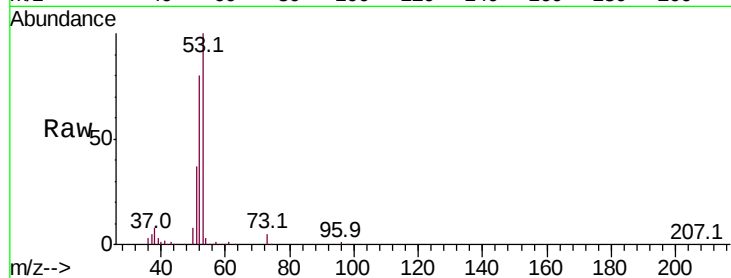
Tot Ion: 53 Resp: 407911

Ion Ratio Lower Upper

53 100

52 80.6 66.5 99.7

51 37.3 29.9 44.9



#16

Acetone

Concen: 291.268 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064095.D

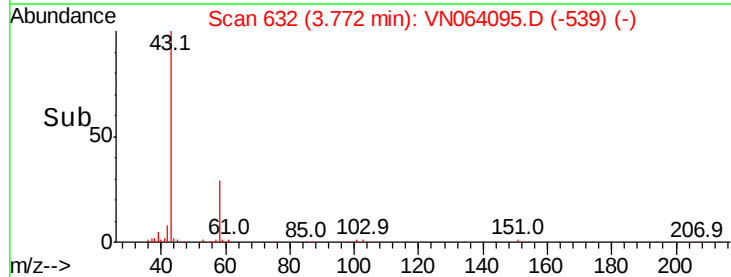
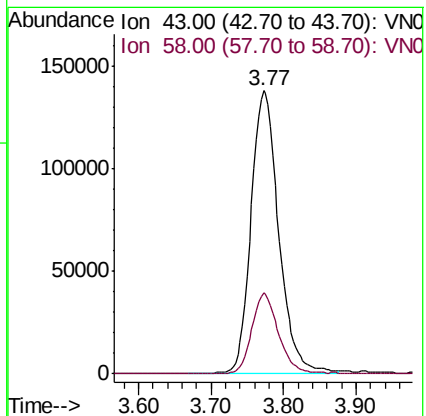
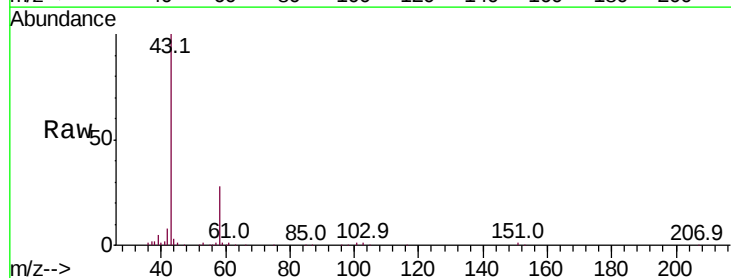
Acq: 12 Oct 2020 22:14

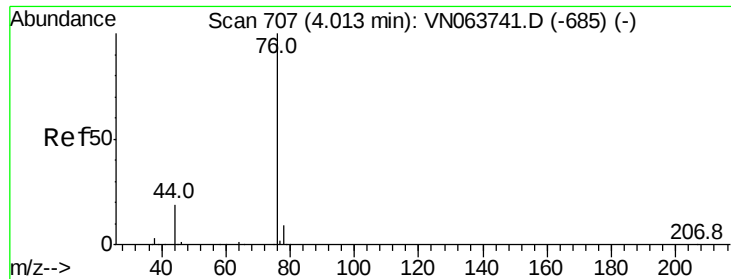
Tgt Ion: 43 Resp: 367535

Ion Ratio Lower Upper

43 100

58 28.3 22.3 33.5

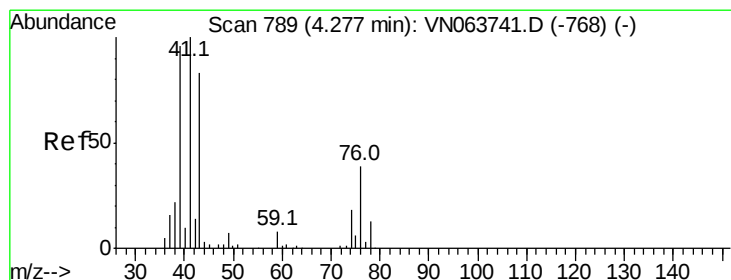
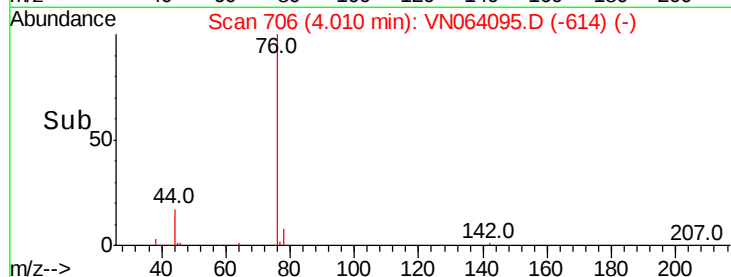
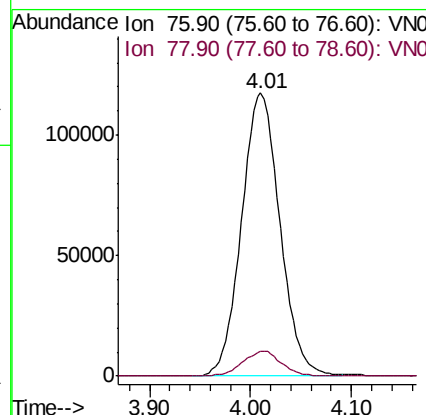
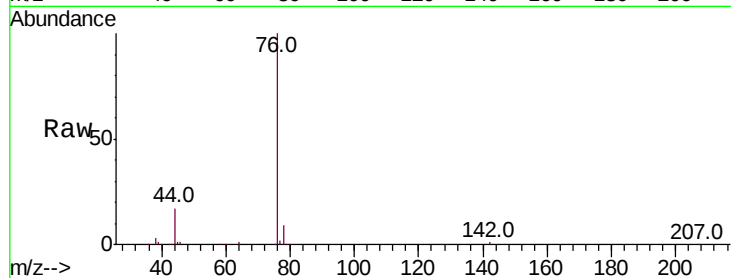




#17
Carbon Disulfide
Concen: 45.962 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

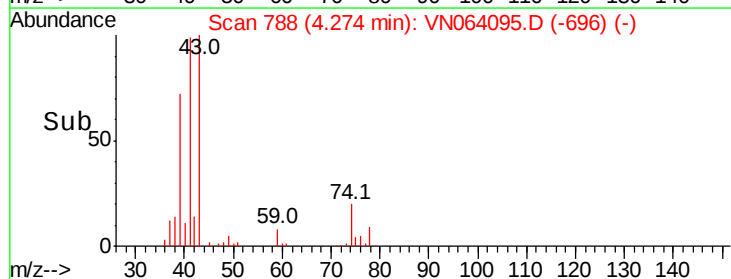
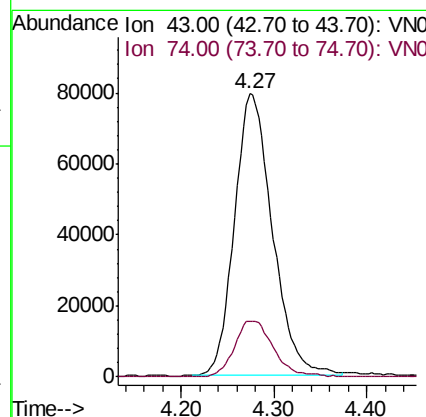
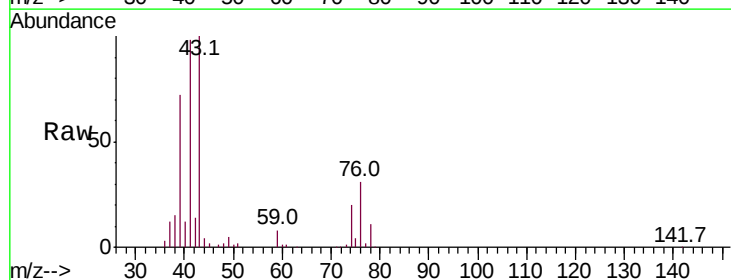
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

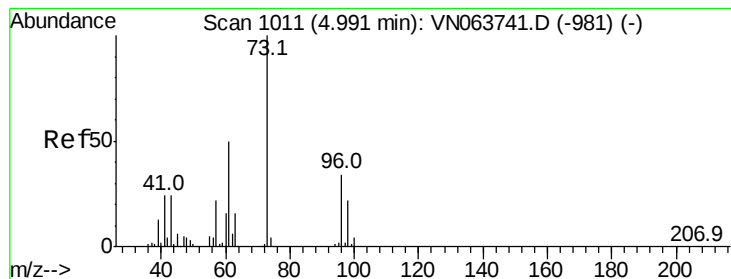
Tot Ion: 76 Resp: 309996
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 69.016 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 43 Resp: 226113
Ion Ratio Lower Upper
43 100
74 20.3 17.4 26.2



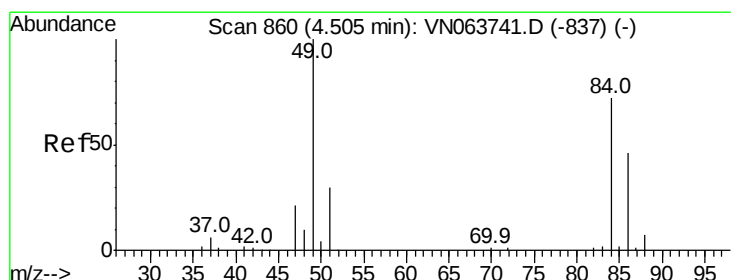
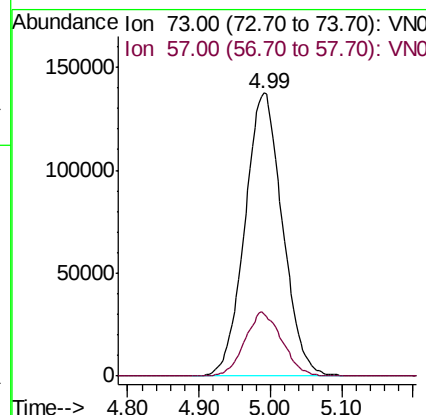
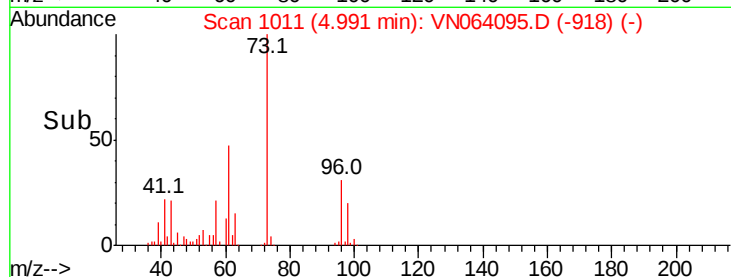
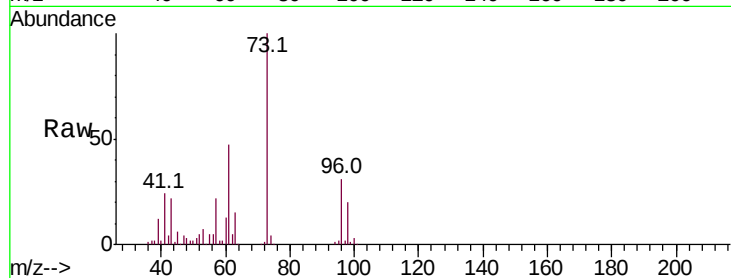


#19

Methyl tert-butyl Ether
 Concen: 55.511 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

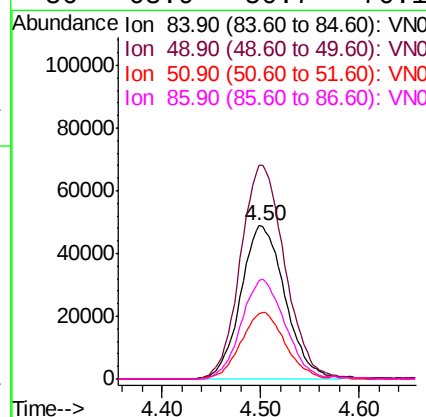
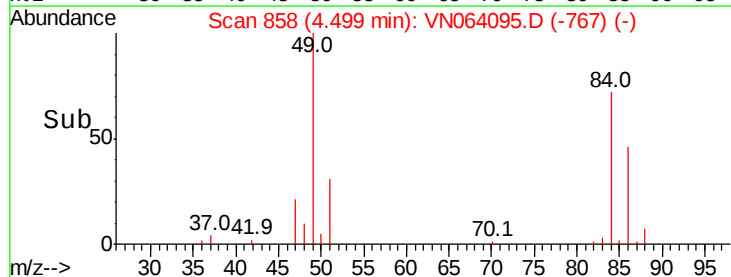
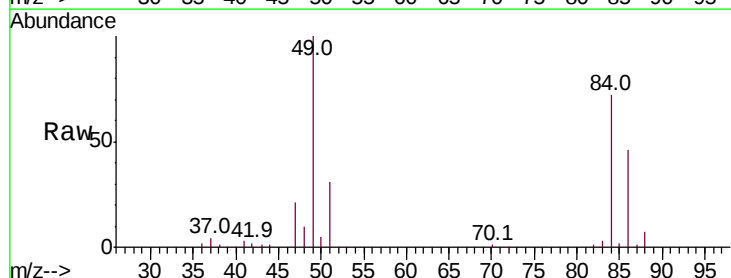
Tot Ion: 73 Resp: 503895
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

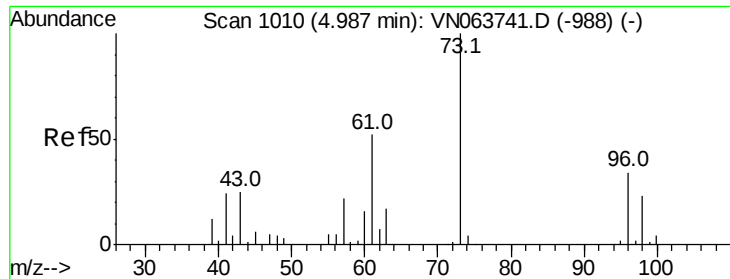


#20

Methylene Chloride
 Concen: 52.604 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 84 Resp: 152054
 Ion Ratio Lower Upper
 84 100
 49 139.2 110.4 165.6
 51 42.7 33.3 49.9
 86 63.9 50.7 76.1

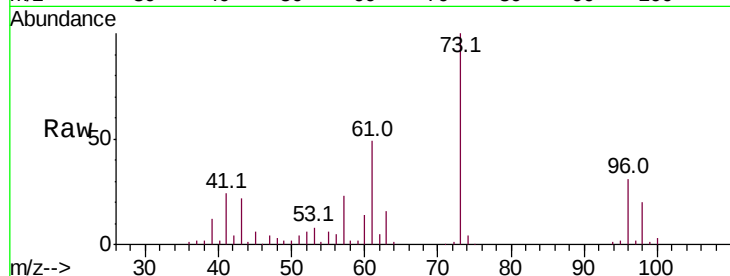




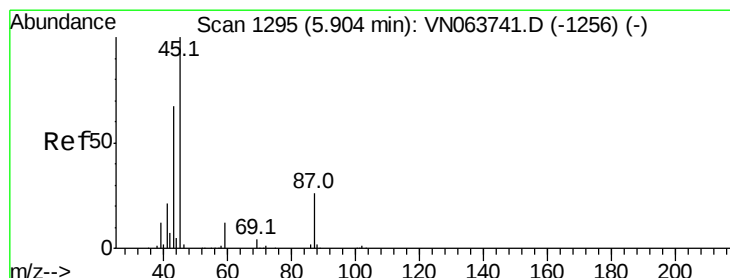
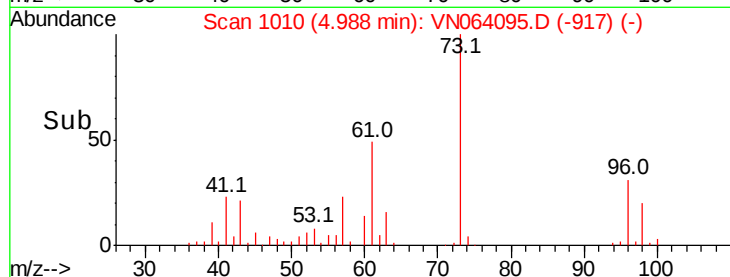
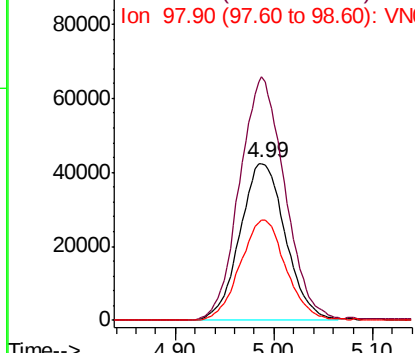
#21
trans-1,2-Dichloroethene
Concen: 48.493 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 135712
Ion Ratio Lower Upper
96 100
61 155.0 120.2 180.2
98 63.5 52.6 79.0

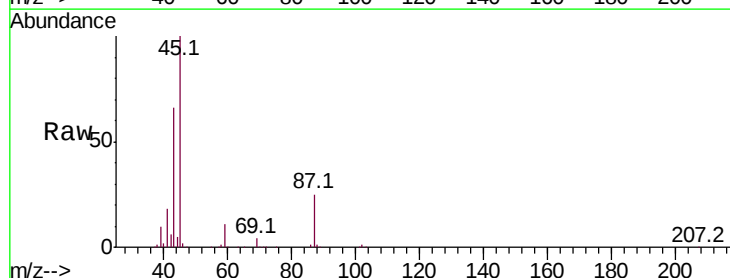


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

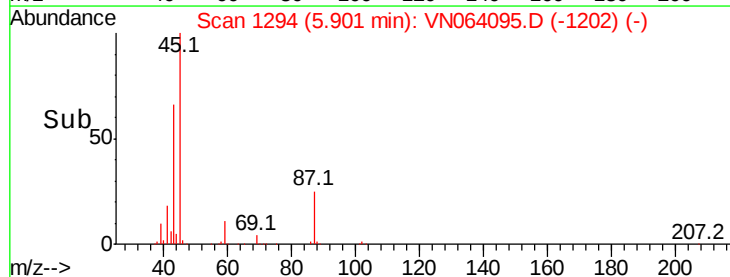
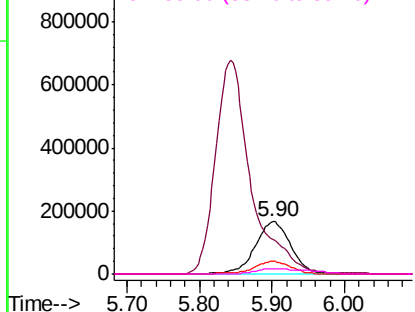


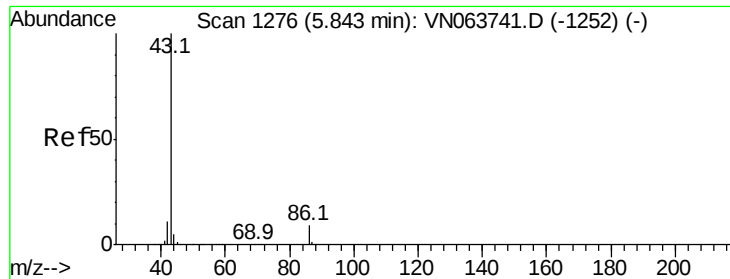
#22
Diisopropyl ether
Concen: 59.107 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 45 Resp: 564481
Ion Ratio Lower Upper
45 100
43 64.1 53.7 80.5
87 24.5 21.1 31.7
59 10.3 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

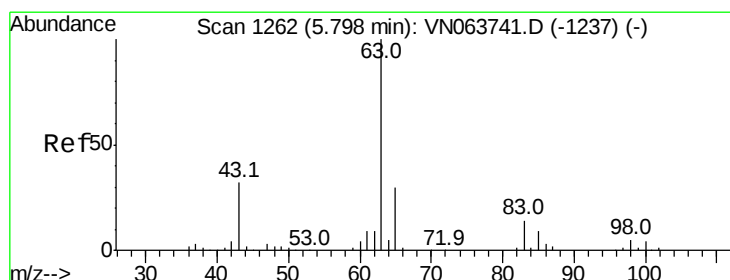
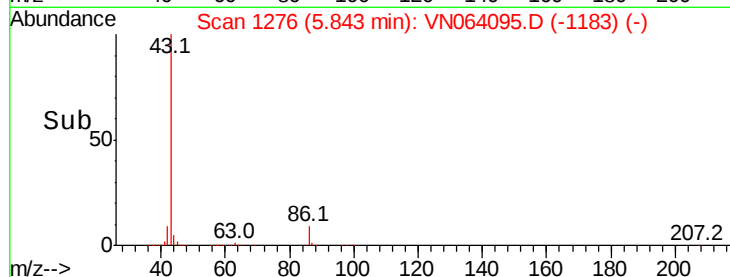
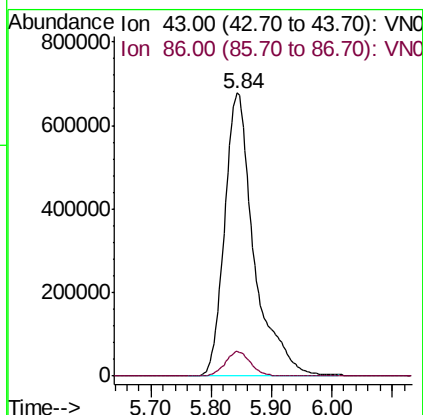
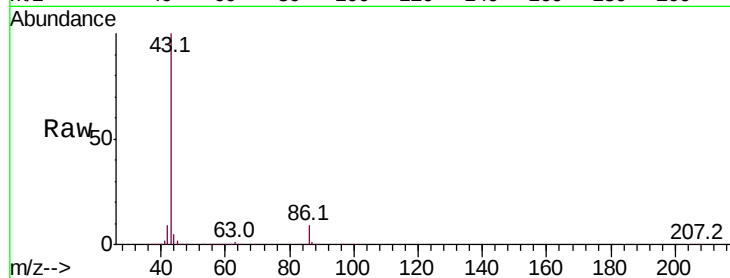




#23
 Vinyl Acetate
 Concen: 291.211 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

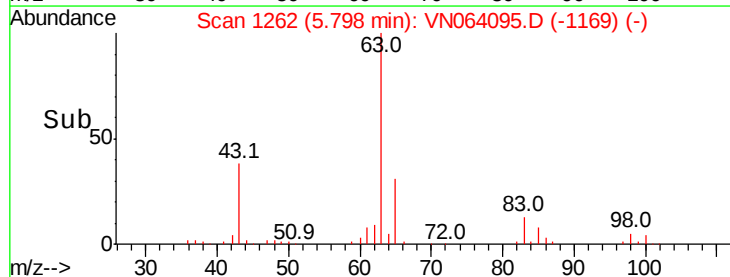
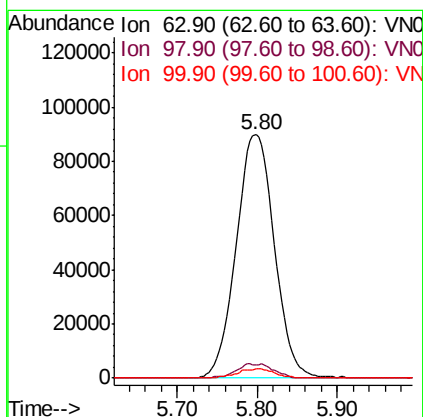
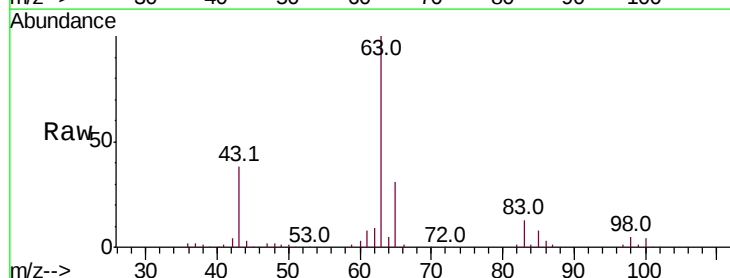
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

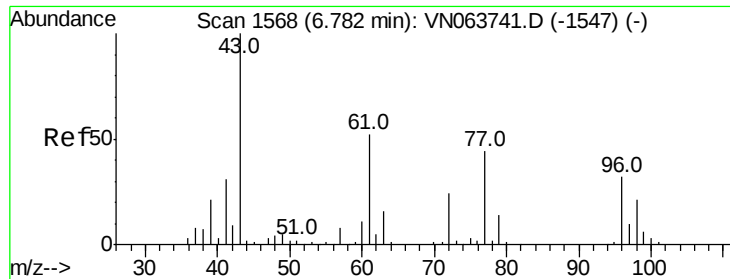
Tot Ion: 43 Resp: 2303766
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 53.269 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 63 Resp: 290877
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.7 8.1
 100 3.6 1.9 5.7





#25

2-Butanone

Concen: 323.498 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

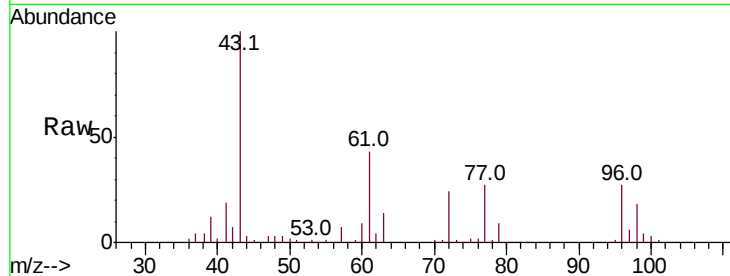
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 578733

Ion Ratio Lower Upper

43 100

72 23.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

200000

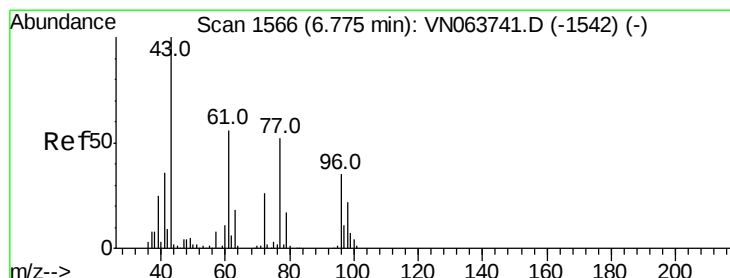
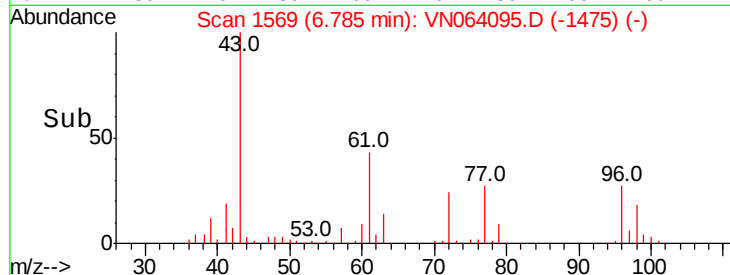
150000

100000

50000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 39.630 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064095.D

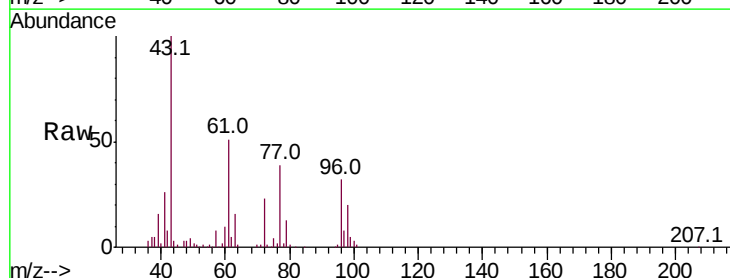
Acq: 12 Oct 2020 22:14

Tgt Ion: 77 Resp: 198174

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

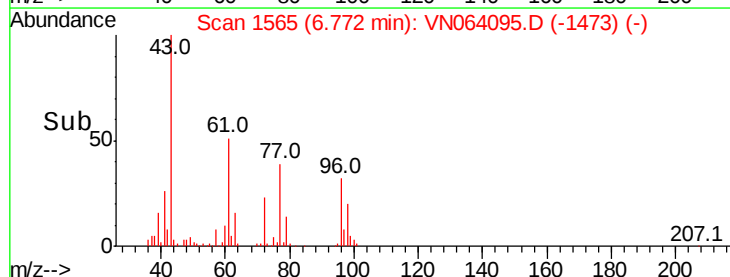
60000

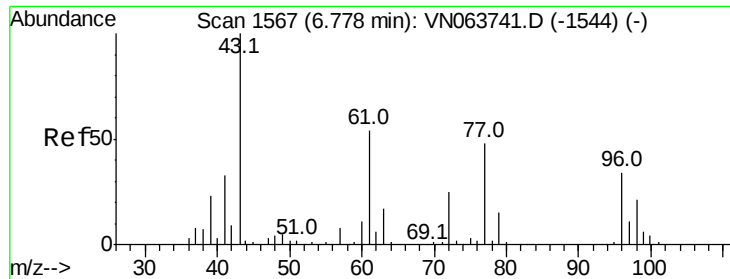
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 51.165 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

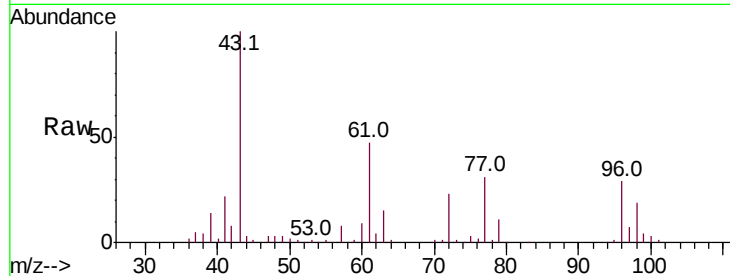
Tot Ion: 96 Resp: 164681

Ion Ratio Lower Upper

96 100

61 157.4 0.0 321.2

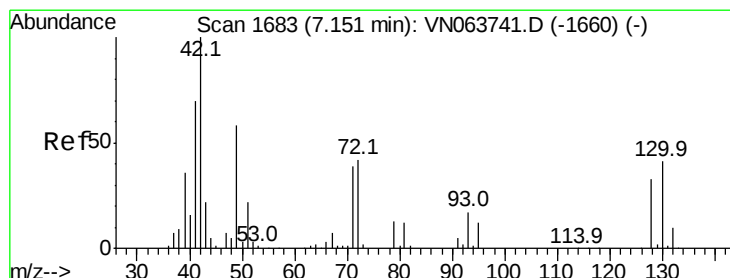
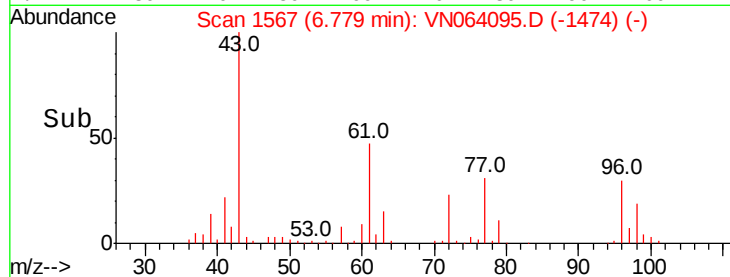
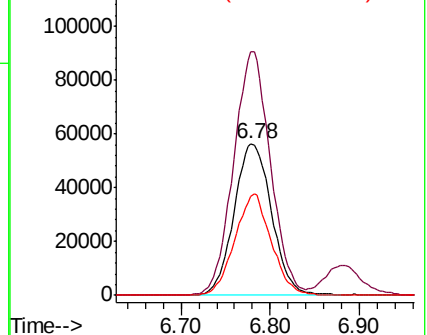
98 64.8 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 55.977 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

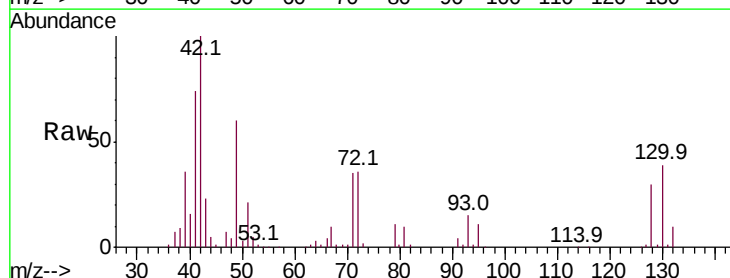
Tgt Ion: 49 Resp: 151073

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.8

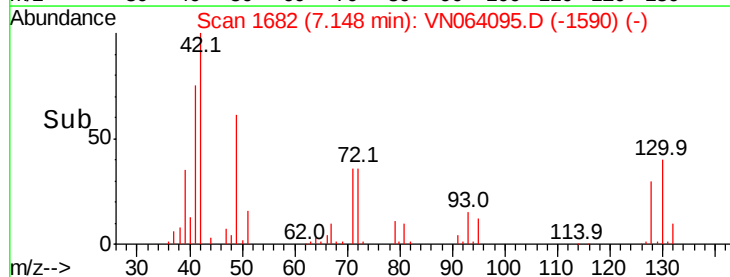
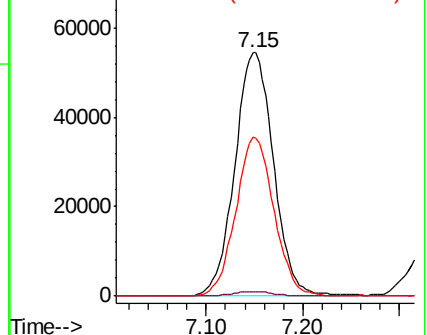
130 64.5 55.6 83.4

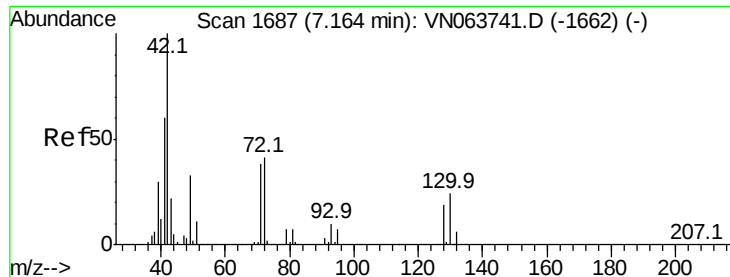


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)

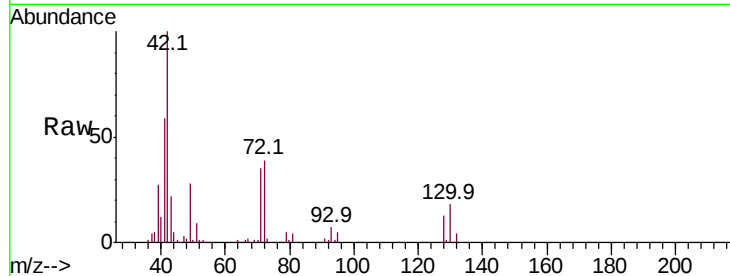




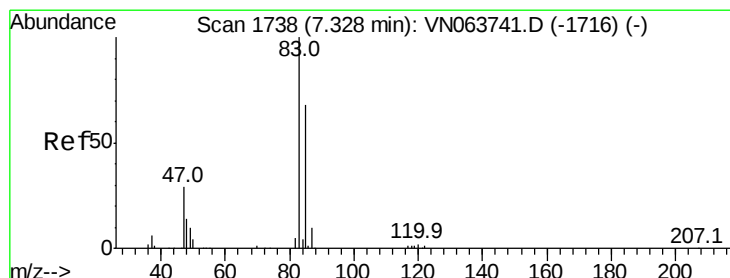
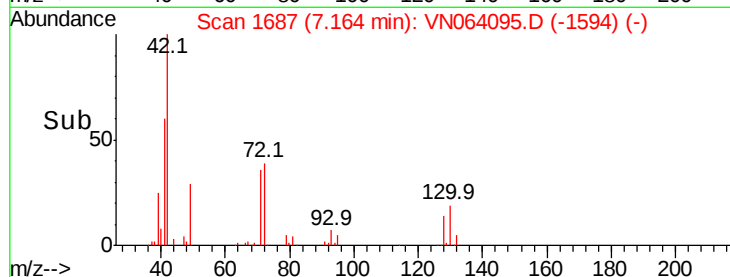
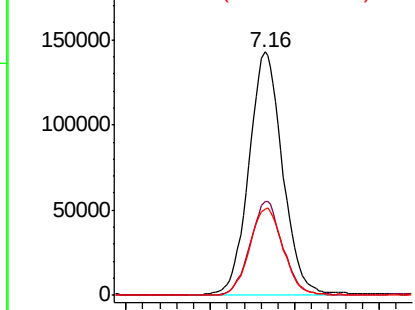
#29
Tetrahydrofuran
Concen: 329.348 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 395172
Ion Ratio Lower Upper
42 100
72 37.4 32.8 49.2
71 35.9 30.6 45.8

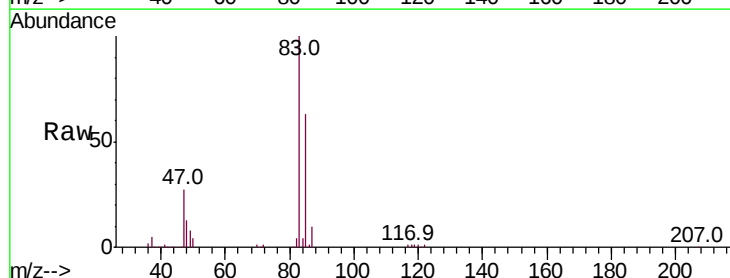


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

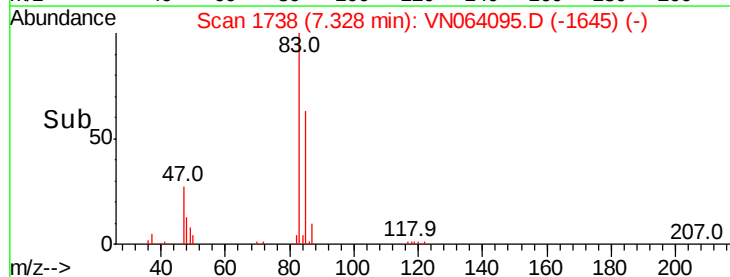
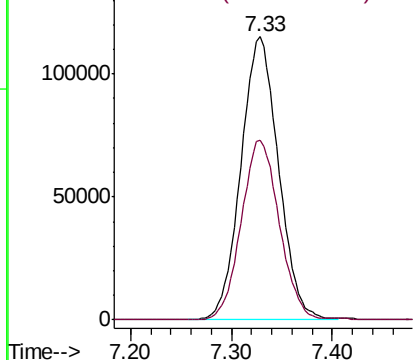


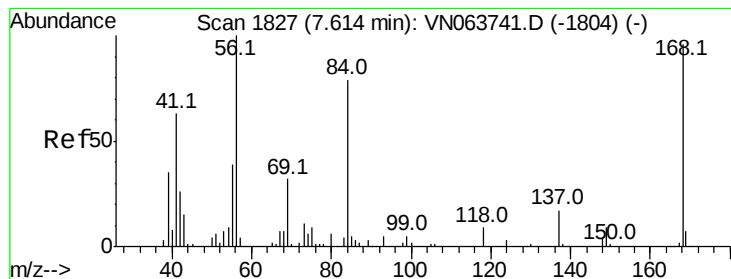
#30
Chloroform
Concen: 52.170 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 83 Resp: 297031
Ion Ratio Lower Upper
83 100
85 63.4 54.6 82.0



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





#31

Cyclohexane

Concen: 45.964 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

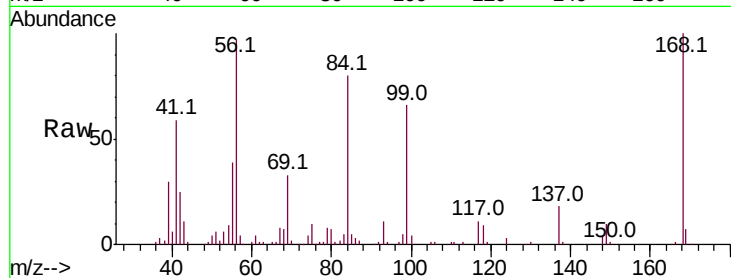
Tot Ion: 56 Resp: 218739

Ion Ratio Lower Upper

56 100

69 33.6 25.4 38.2

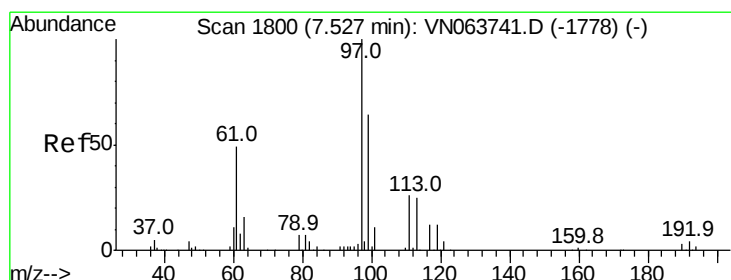
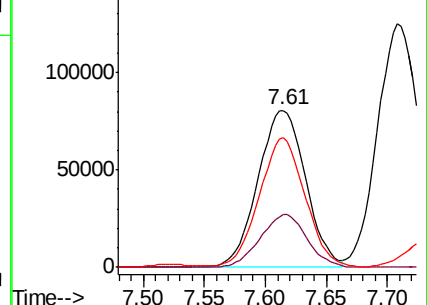
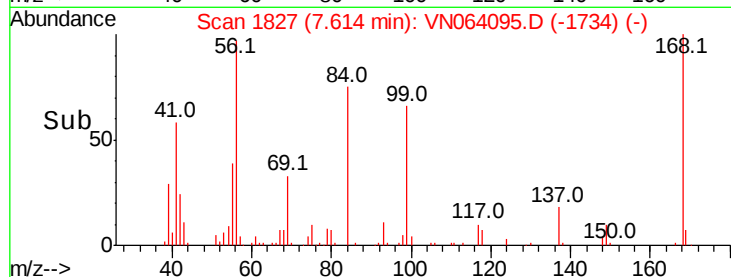
84 81.0 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN064095.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064095.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064095.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 50.472 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

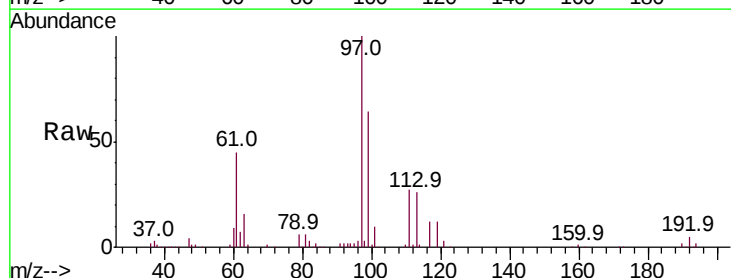
Tgt Ion: 97 Resp: 259196

Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.6

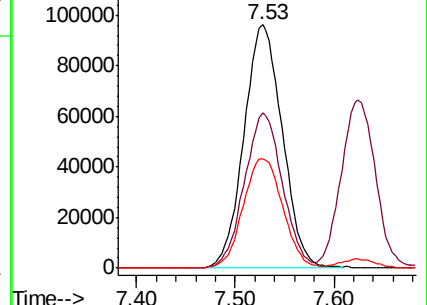
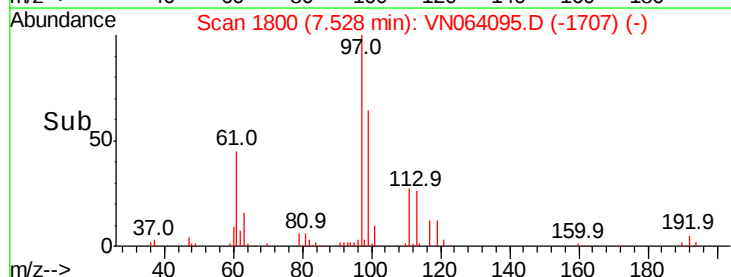
61 46.5 38.7 58.1

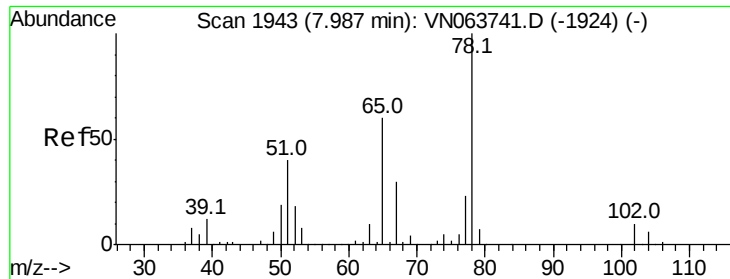


Abundance Ion 96.90 (96.60 to 97.60): VN064095.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064095.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064095.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.362 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

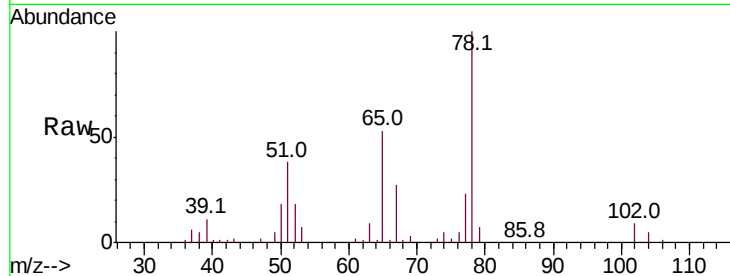
VSTDCCC050EC

Tot Ion: 65 Resp: 202342

Ion Ratio Lower Upper

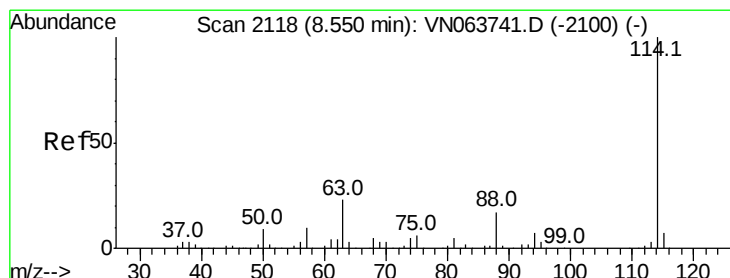
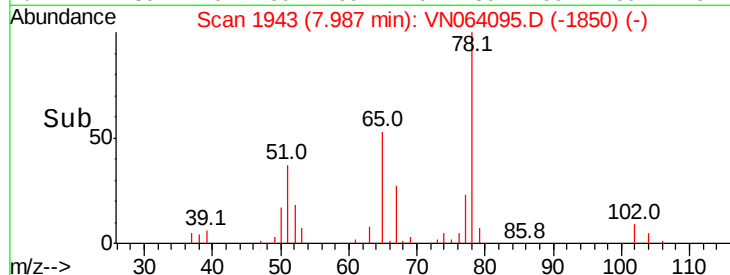
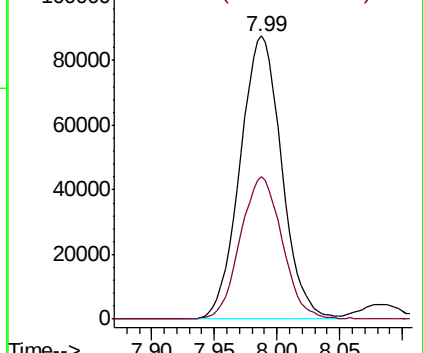
65 100

67 50.6 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

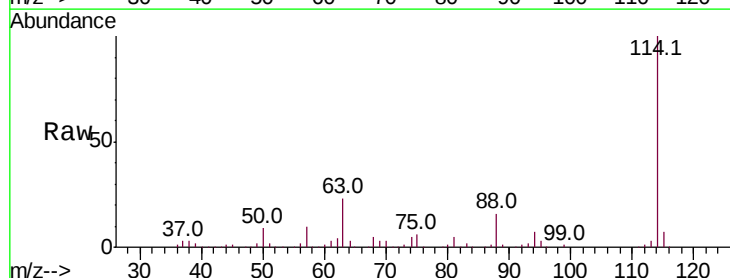
Tgt Ion: 114 Resp: 424828

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

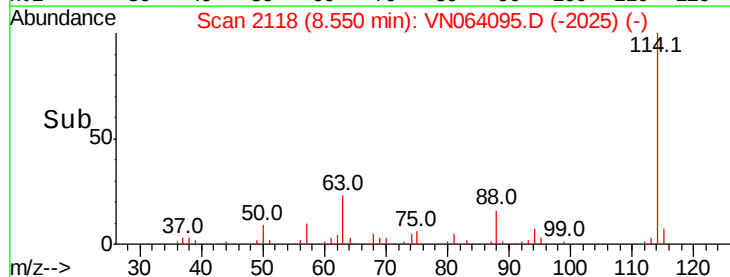
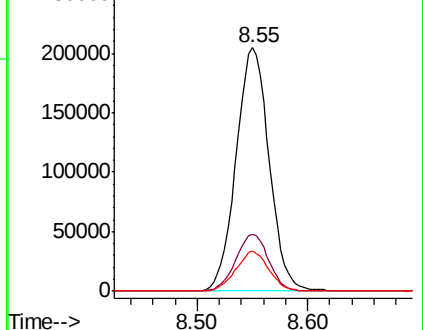
88 16.3 0.0 34.0

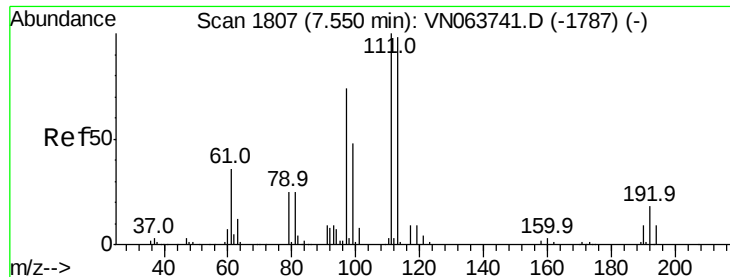


Abundance Ion 113.90 (113.60 to 114.60): VN063741.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063741.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063741.D (-2100) (-)

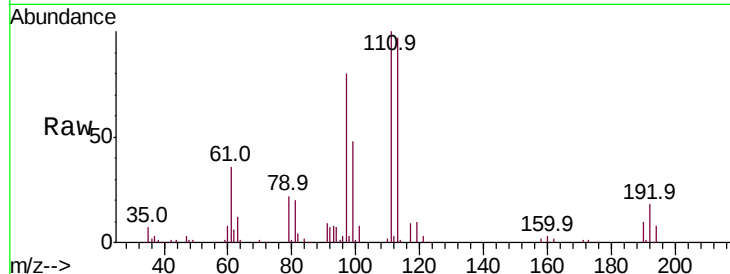




#35
 Dibromofluoromethane
 Concen: 48.408 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	18.9	14.2	21.2

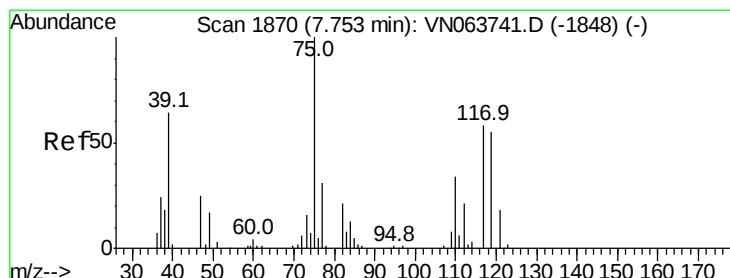
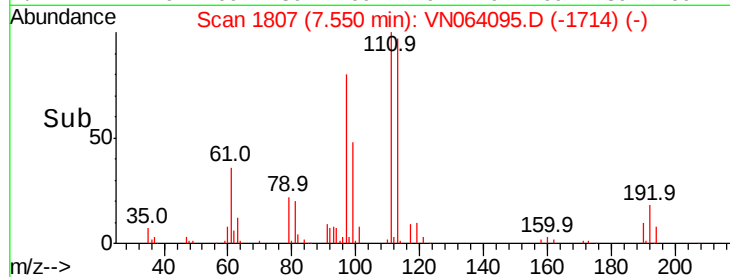
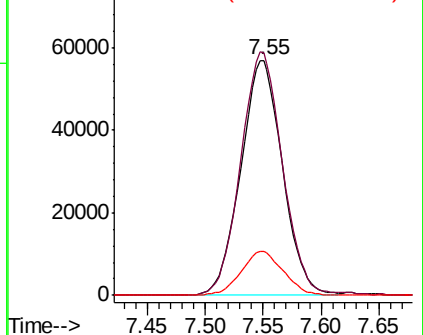


Abundance

Ion 112.80 (112.50 to 113.50): V

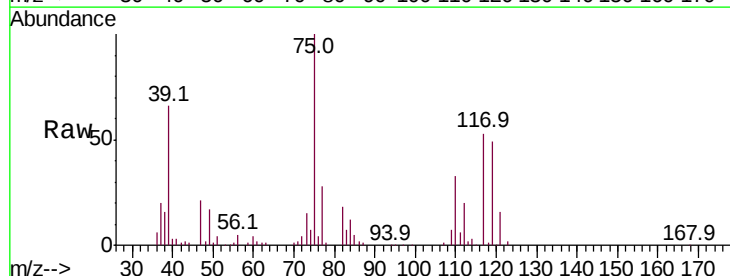
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.588 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	29.6	24.5	36.7

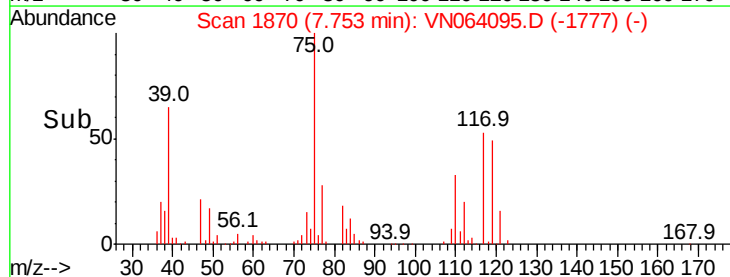
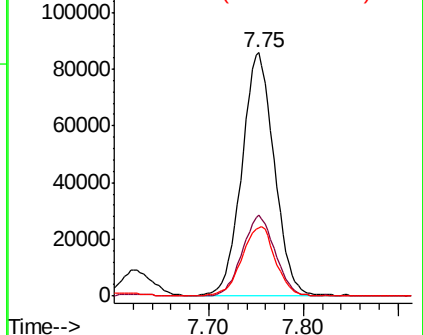


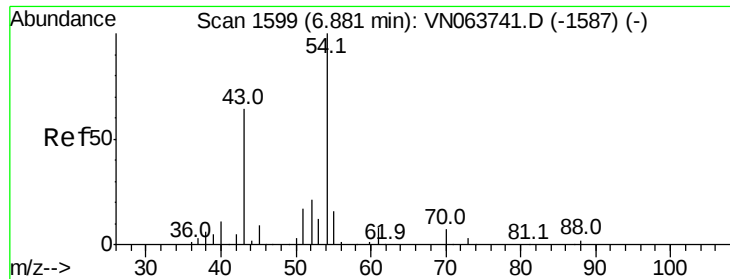
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

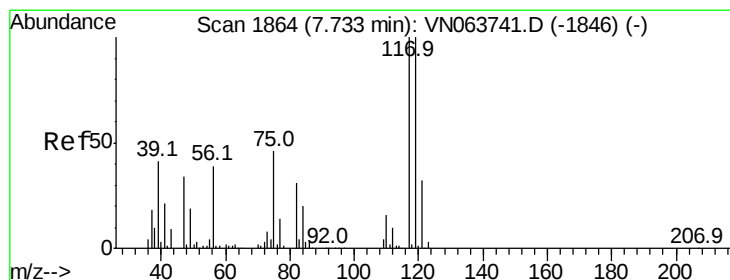
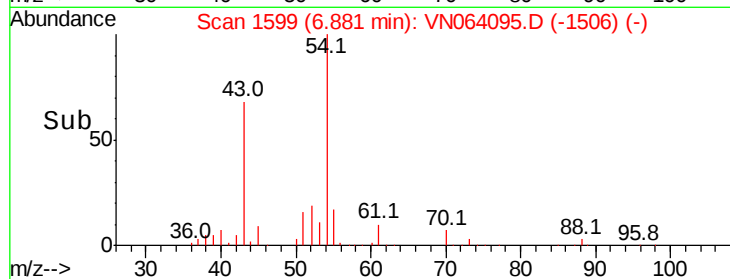
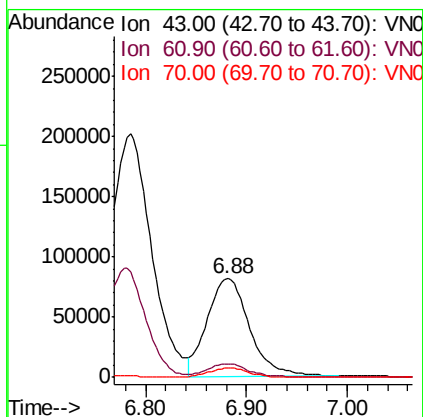
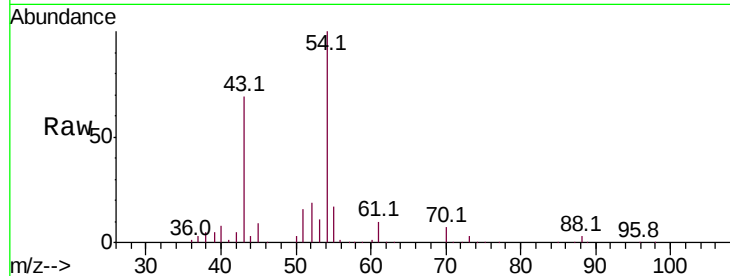




#37
Ethyl Acetate
Concen: 55.547 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

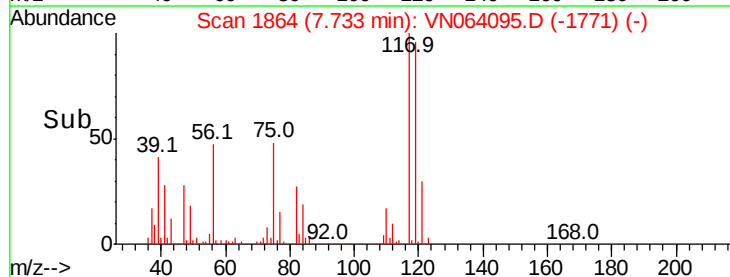
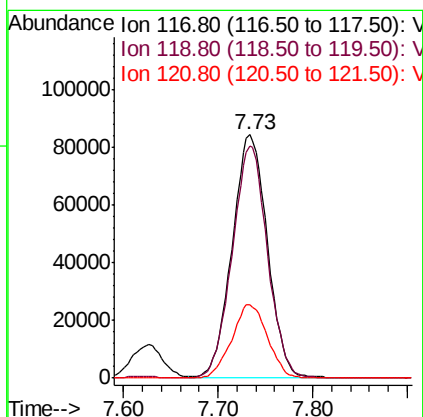
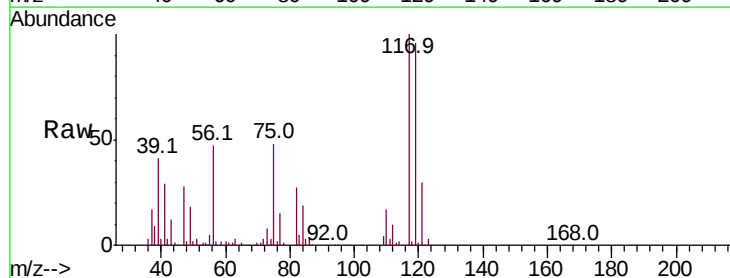
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

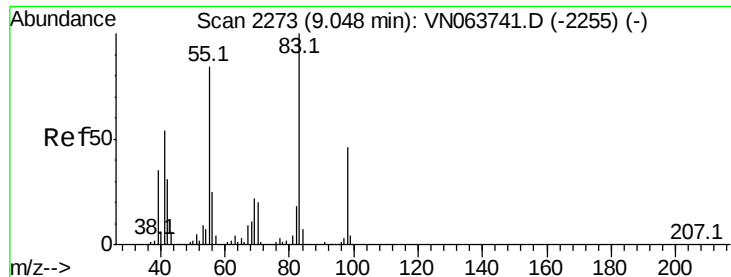
Tot Ion: 43 Resp: 237521
Ion Ratio Lower Upper
43 100
61 13.5 10.4 15.6
70 8.7 7.3 10.9



#38
Carbon Tetrachloride
Concen: 45.250 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 117 Resp: 218384
Ion Ratio Lower Upper
117 100
119 95.8 80.1 120.1
121 30.1 25.7 38.5

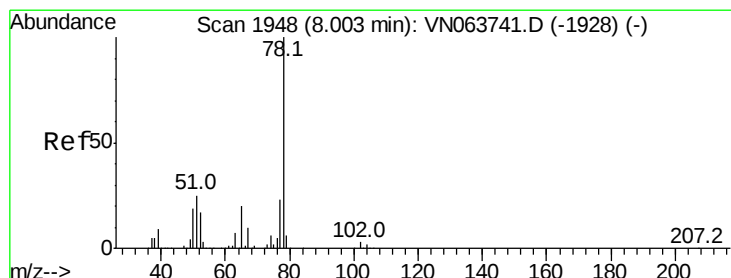
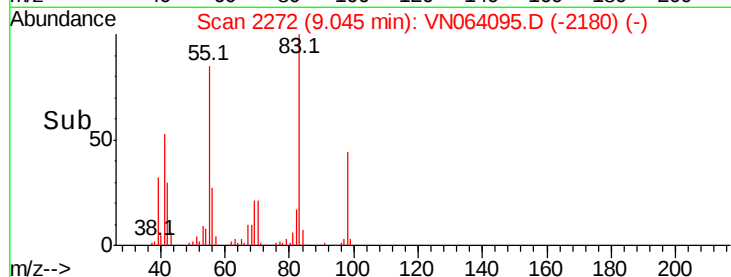
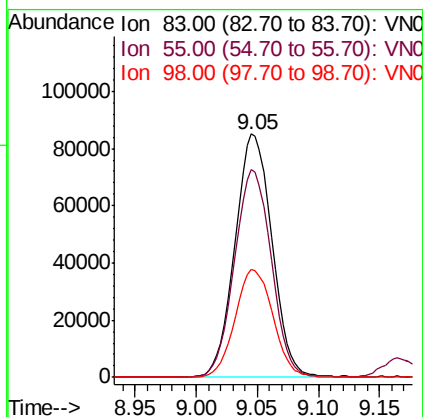
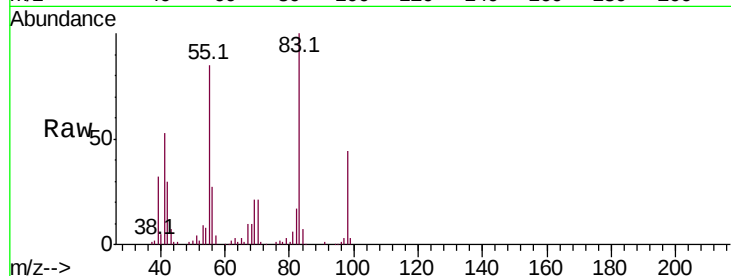




#39
Methvlcvclohexane
Concen: 41.614 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

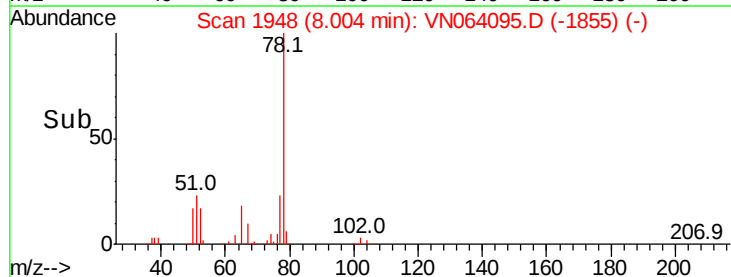
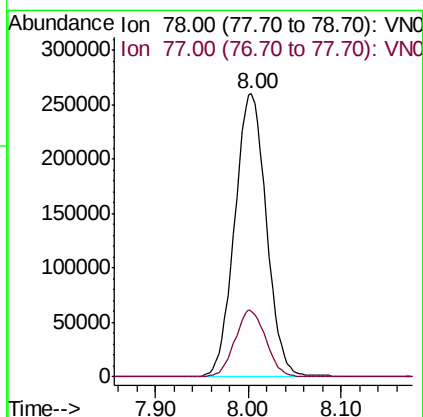
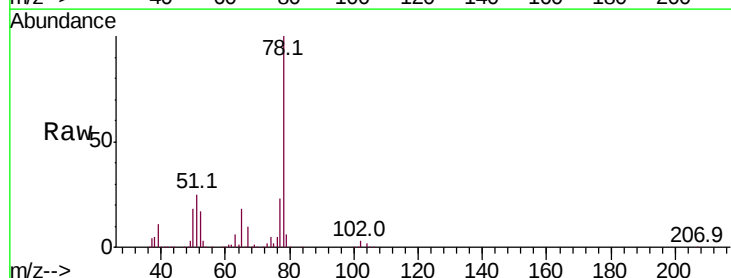
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

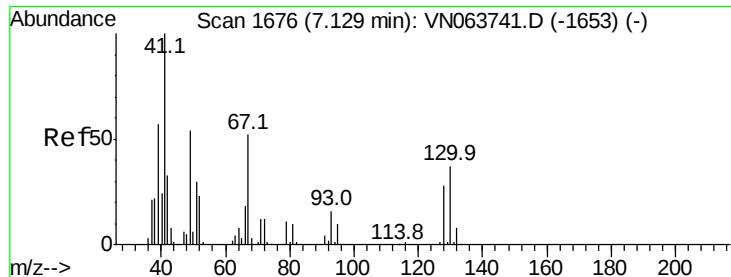
Tot Ion: 83 Resp: 178610
Ion Ratio Lower Upper
83 100
55 85.1 67.1 100.7
98 44.5 36.6 54.8



#40
Benzene
Concen: 50.225 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 78 Resp: 617420
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

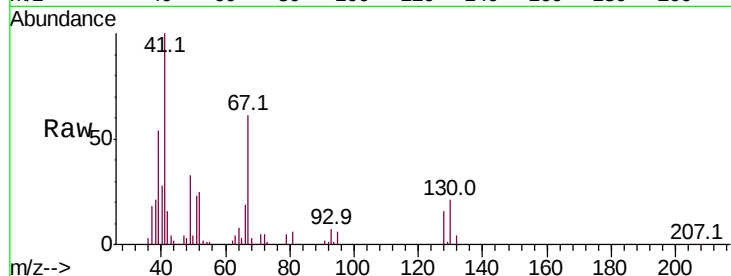




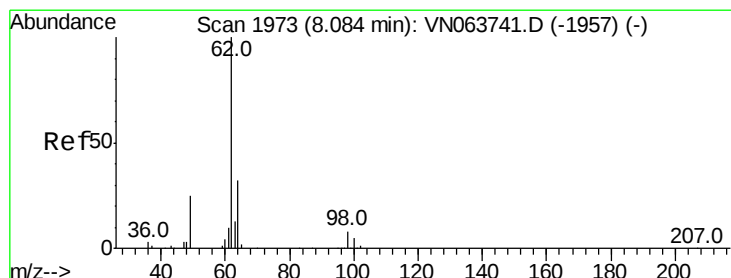
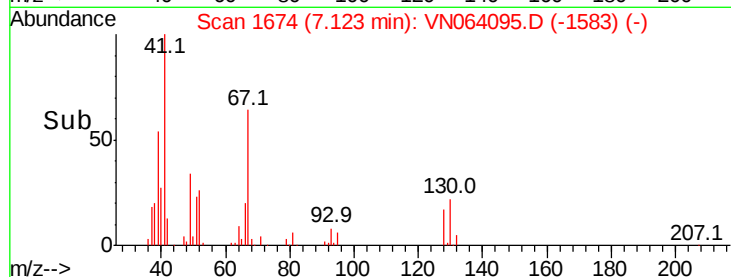
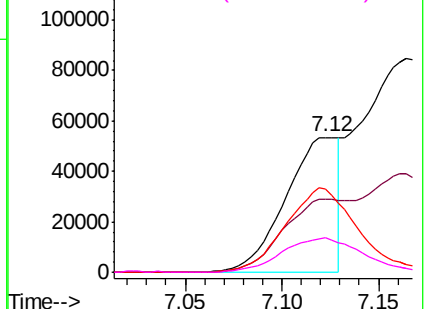
#41
Methacrylonitrile
Concen: 53.166 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 101038
Ion Ratio Lower Upper
41 100
39 67.1 42.5 63.7#
67 86.8 57.4 86.2#
52 38.4 26.9 40.3

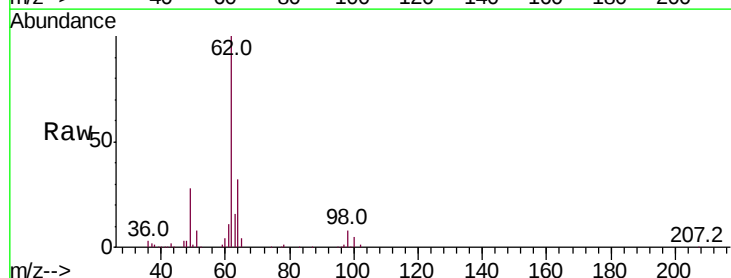


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

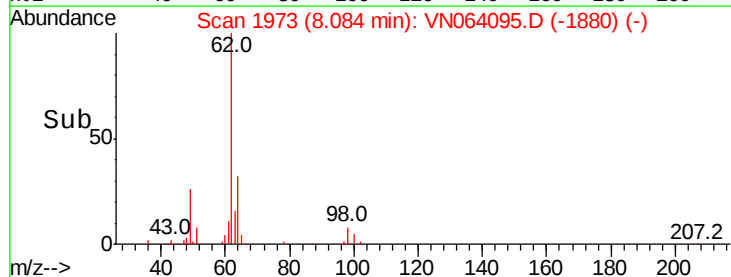
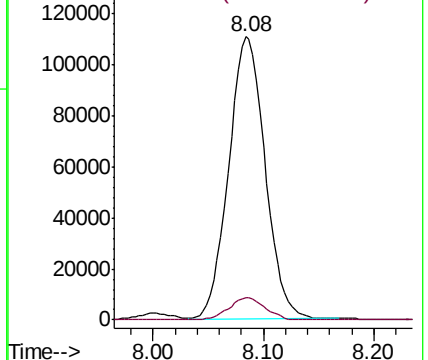


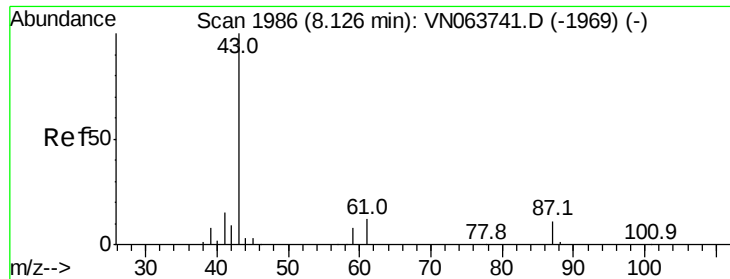
#42
1,2-Dichloroethane
Concen: 48.316 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 62 Resp: 253538
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.0



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





#43

Isopropyl Acetate

Concen: 58.411 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

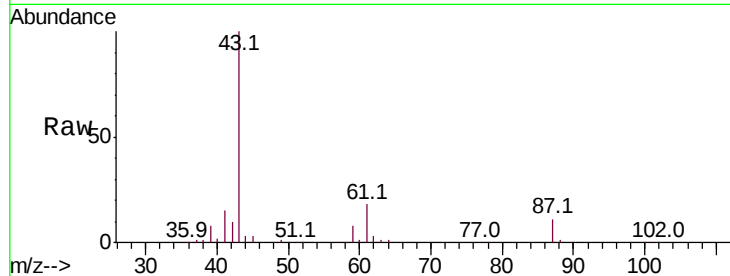
Tot Ion: 43 Resp: 411980

Ion Ratio Lower Upper

43 100

61 23.5 14.2 21.4#

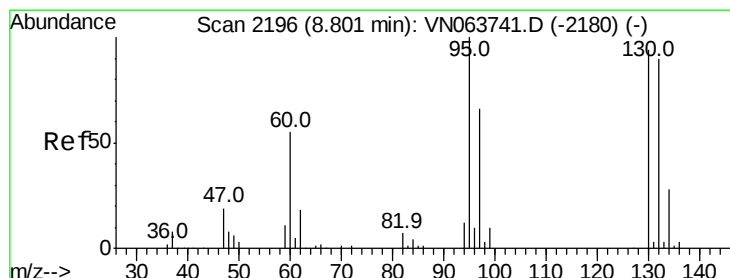
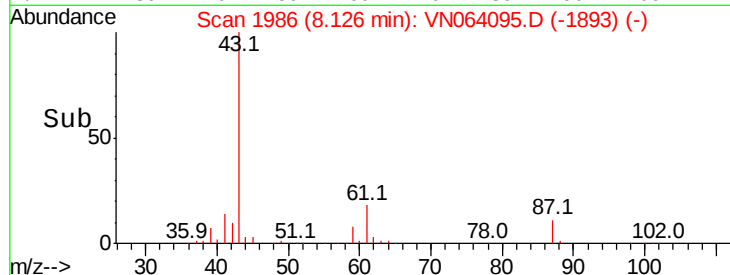
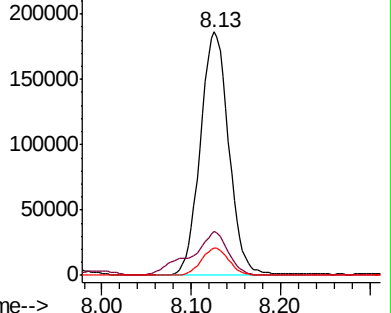
87 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 47.057 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064095.D

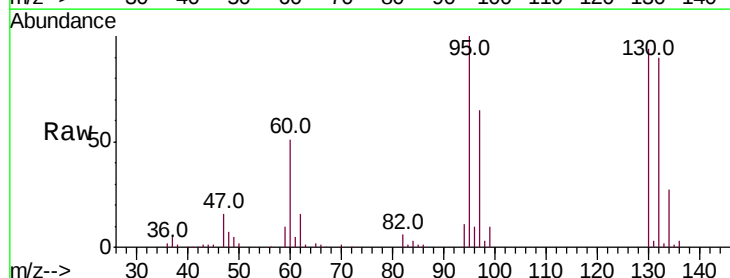
Acq: 12 Oct 2020 22:14

Tgt Ion:130 Resp: 151569

Ion Ratio Lower Upper

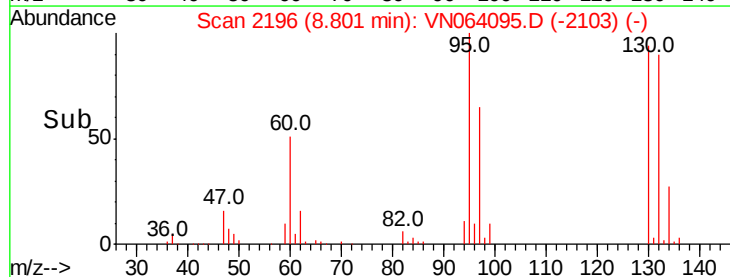
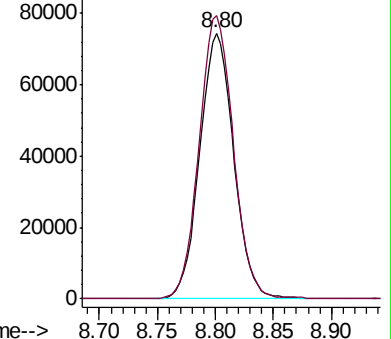
130 100

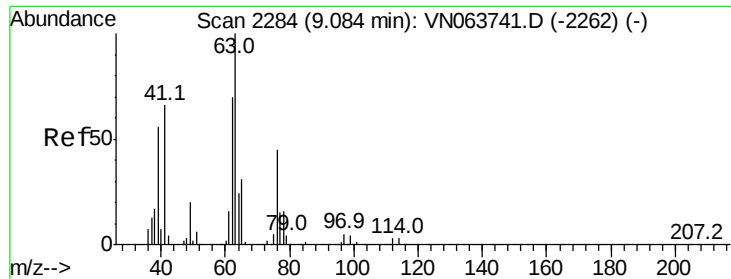
95 106.5 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

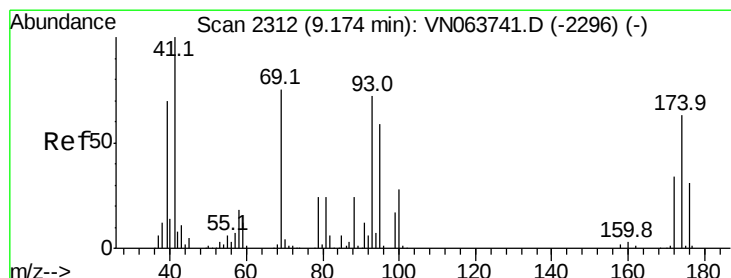
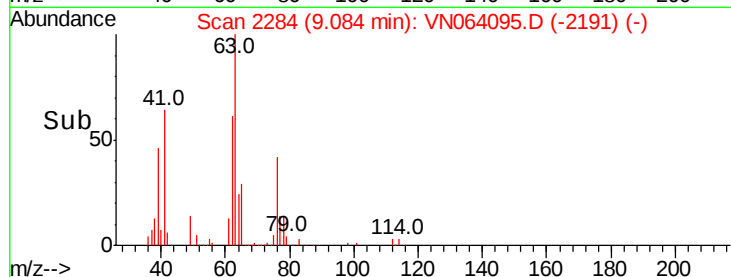
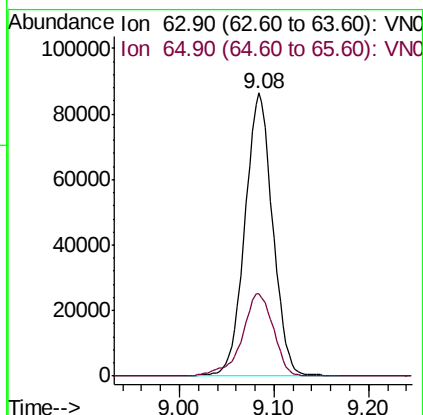
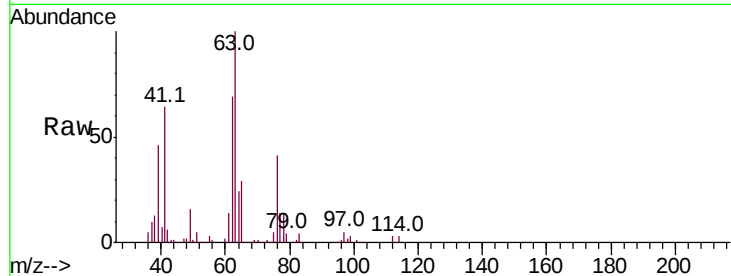




#45
 1,2-Dichloropropane
 Concen: 53.029 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

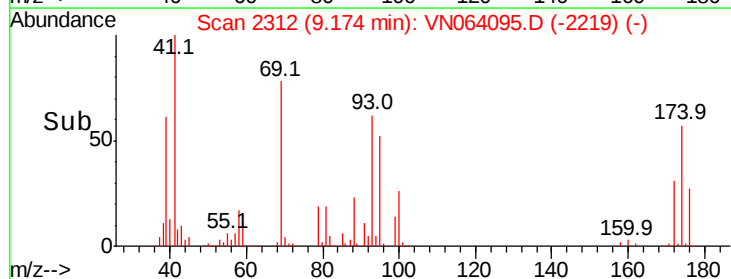
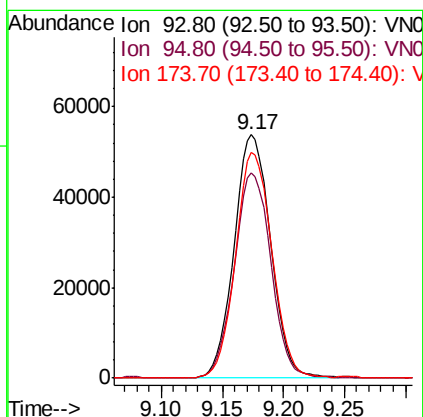
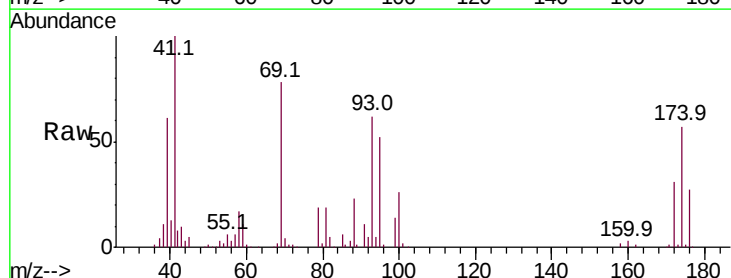
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

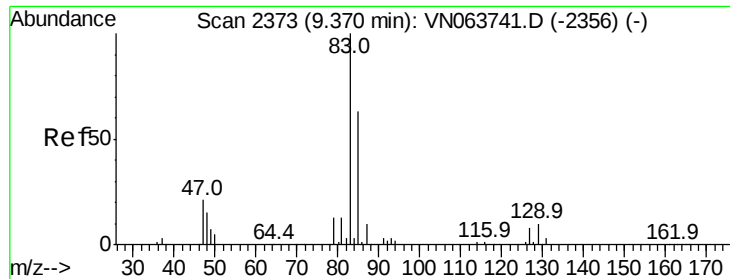
Tot Ion: 63 Resp: 176056
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.7 37.1



#46
 Dibromomethane
 Concen: 48.902 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 93 Resp: 112000
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.3 99.5
 174 91.9 72.7 109.1

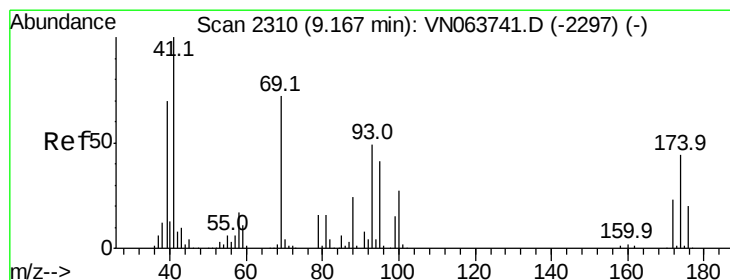
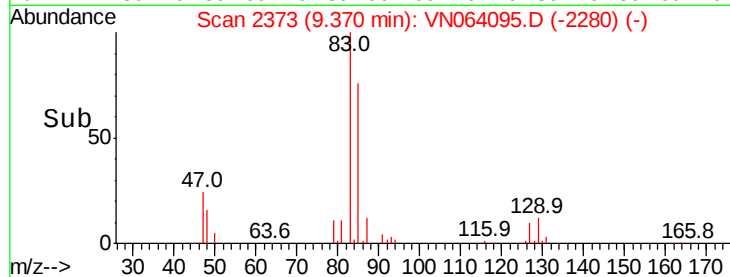
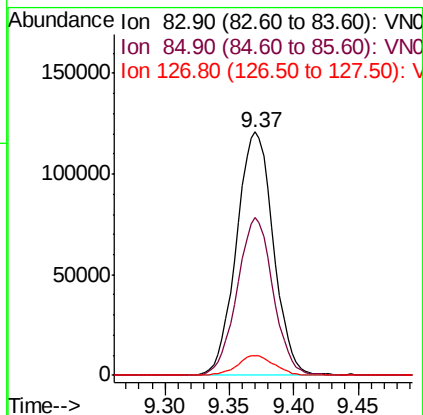
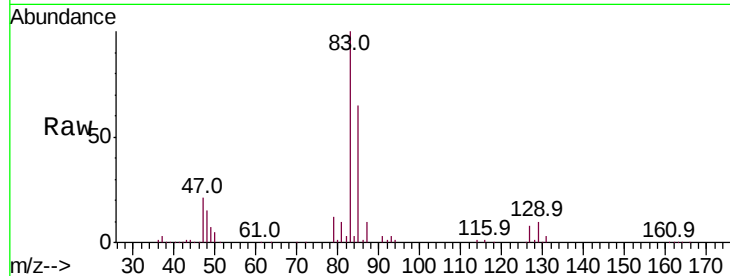




#47
Bromodichloromethane
Concen: 50.909 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

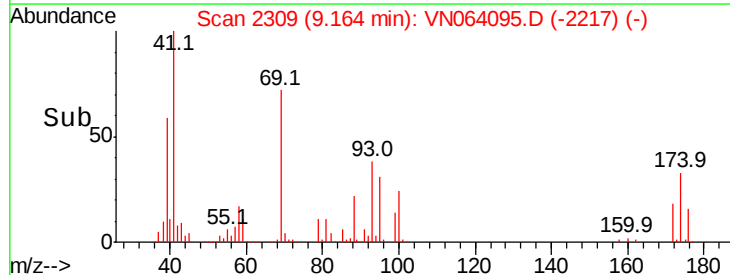
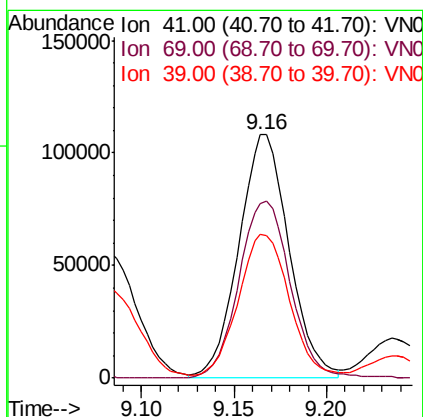
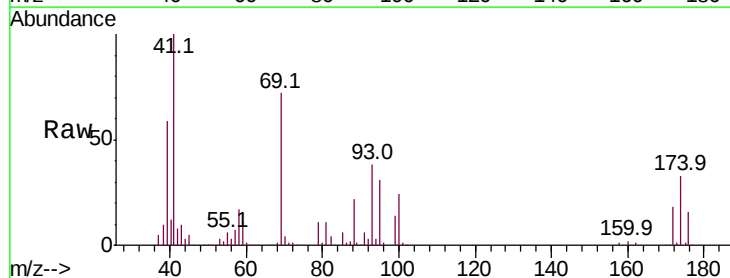
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

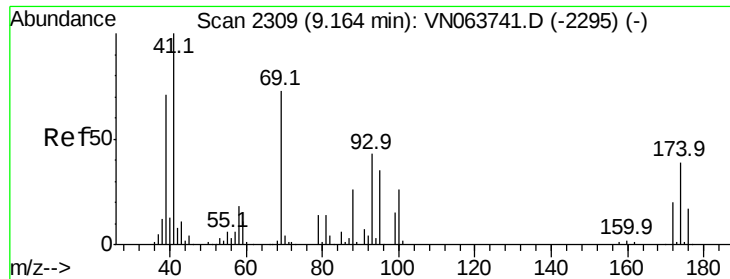
Tot Ion: 83 Resp: 240300
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 8.1 6.6 9.8



#48
Methyl methacrylate
Concen: 58.118 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 41 Resp: 202521
Ion Ratio Lower Upper
41 100
69 75.7 60.9 91.3
39 60.7 57.5 86.3





#49

1,4-Dioxane

Concen: 990.958 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

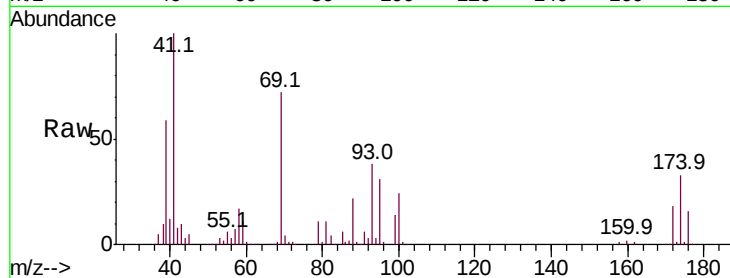
Tot Ion: 88 Resp: 49077

Ion Ratio Lower Upper

88 100

43 40.8 33.1 49.7

58 77.0 58.9 88.3

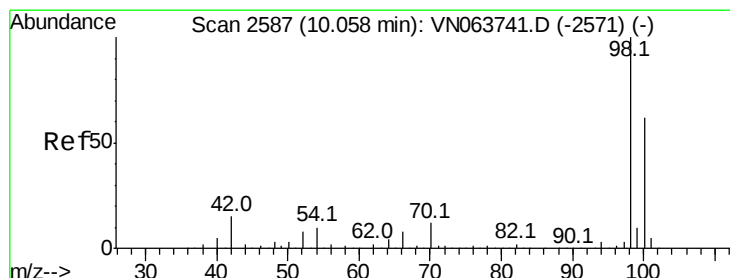
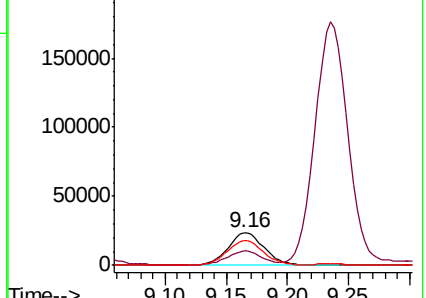
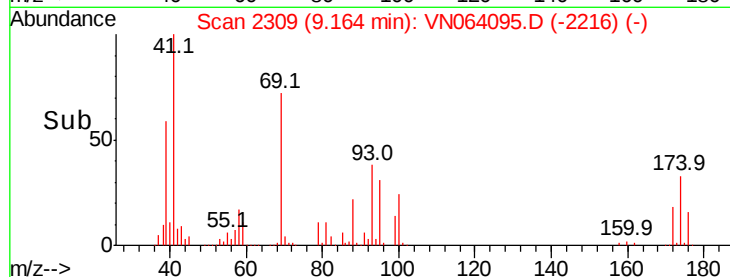


Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)

Time-->



#50

Toluene-d8

Concen: 46.780 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064095.D

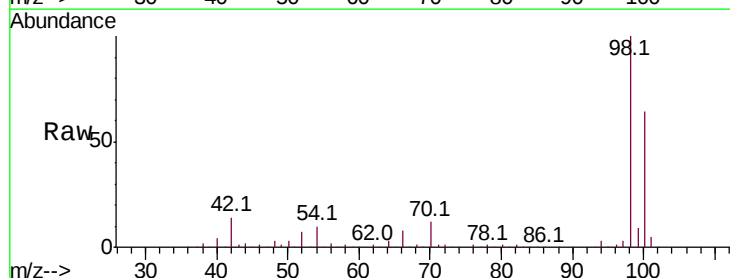
Acq: 12 Oct 2020 22:14

Tgt Ion: 98 Resp: 522754

Ion Ratio Lower Upper

98 100

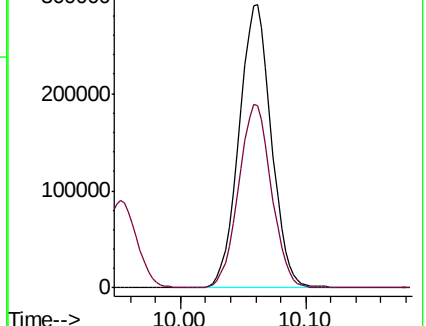
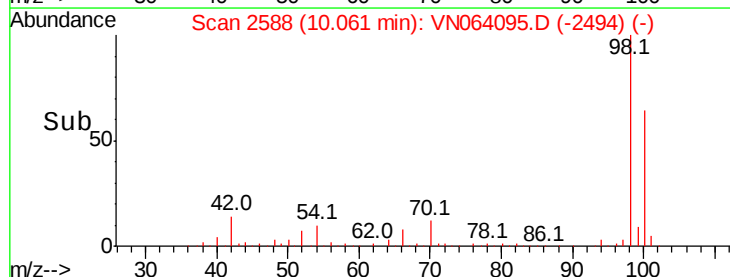
100 65.6 49.8 74.6

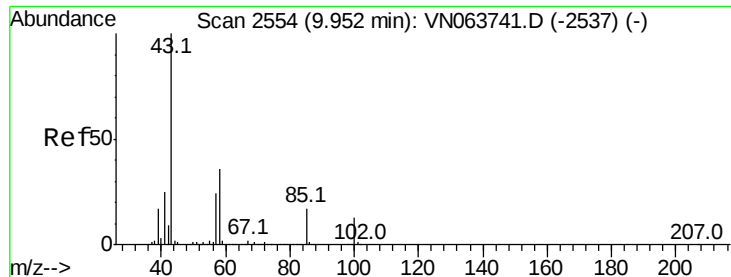


Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

Time-->

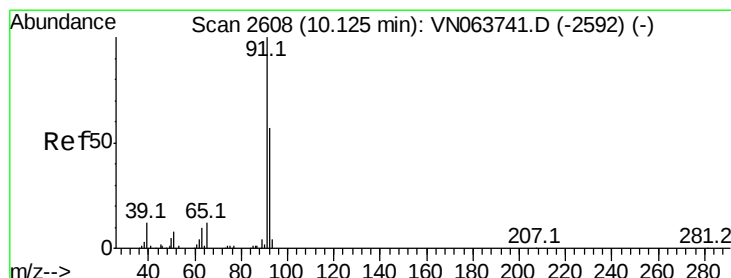
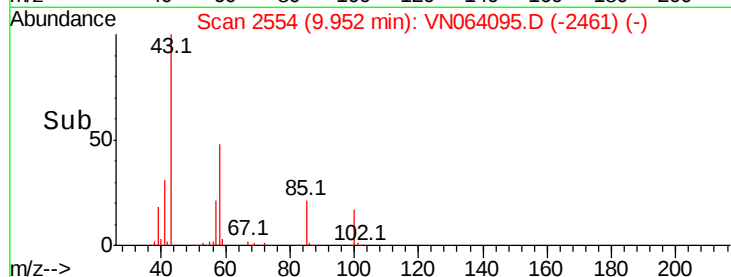
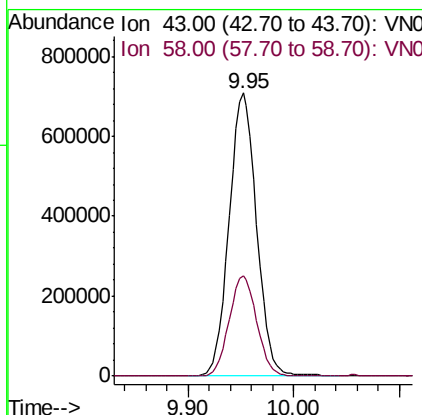
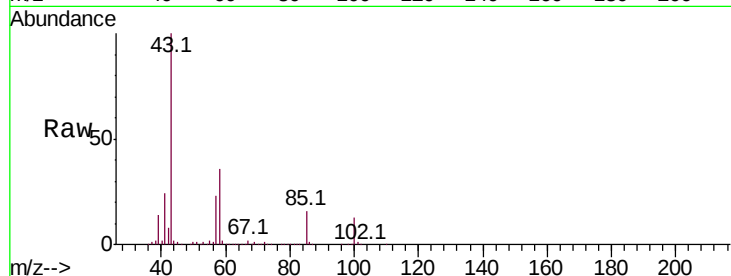




#51
4-Methyl-2-Pentanone
Concen: 307.695 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

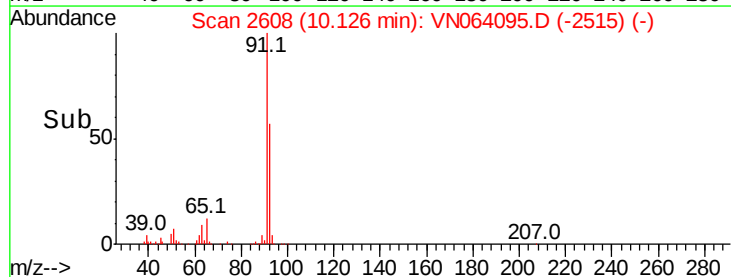
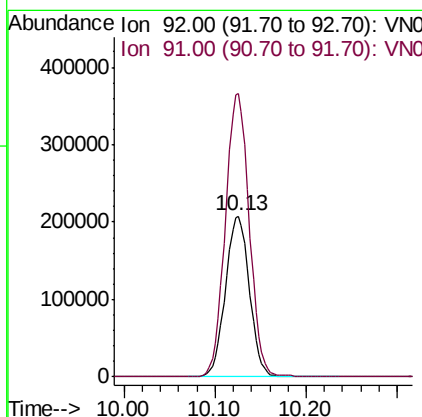
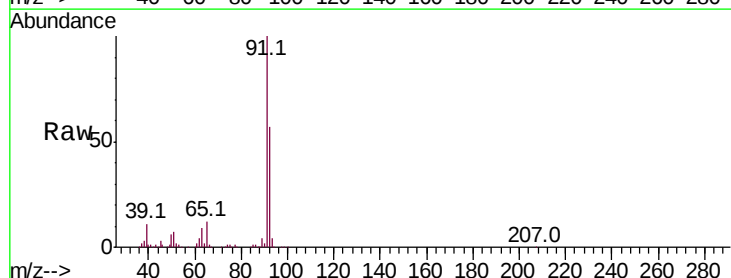
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

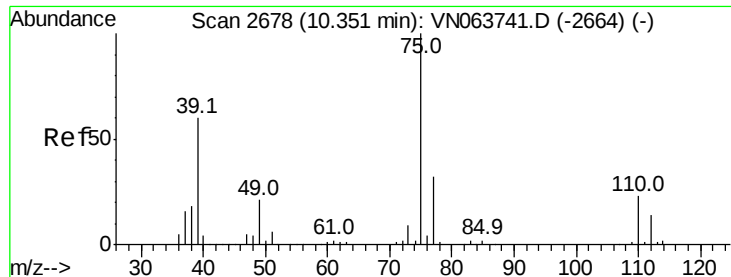
Tot Ion: 43 Resp: 1273573
Ion Ratio Lower Upper
43 100
58 35.6 28.4 42.6



#52
Toluene
Concen: 50.049 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 92 Resp: 380558
Ion Ratio Lower Upper
92 100
91 175.9 140.6 210.8

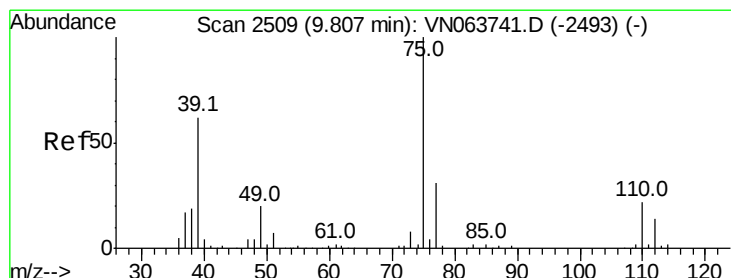
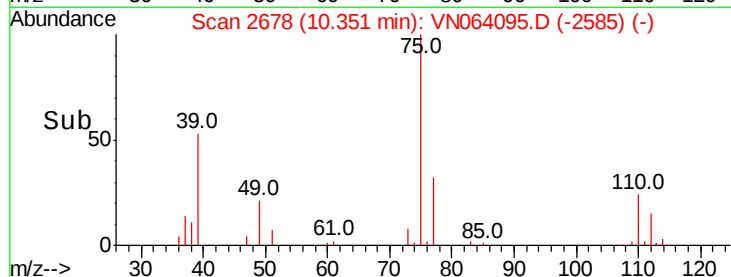
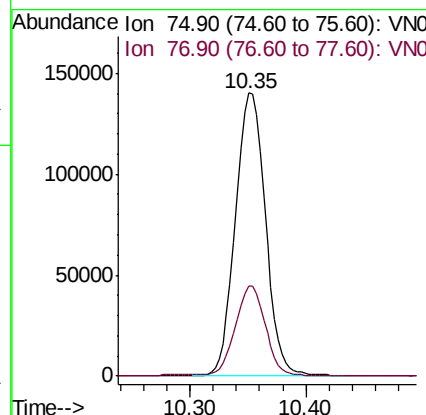
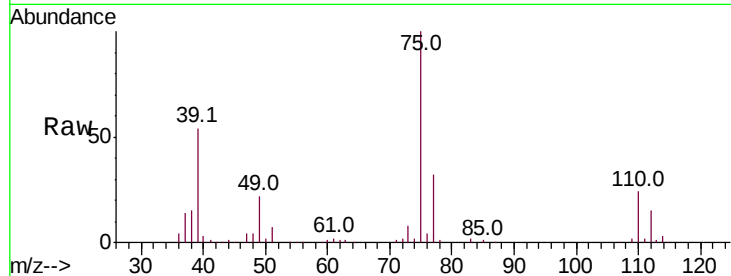




#53
 t-1,3-Dichloropropene
 Concen: 49.803 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

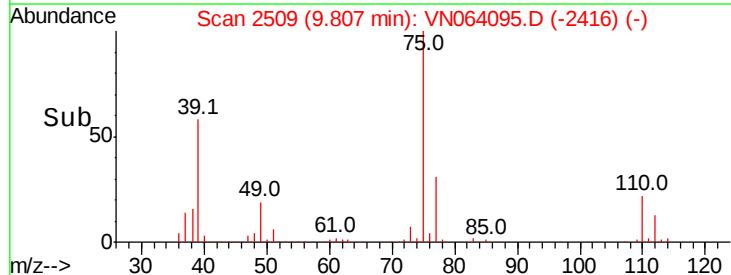
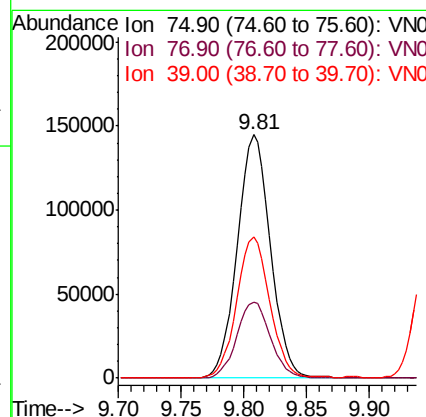
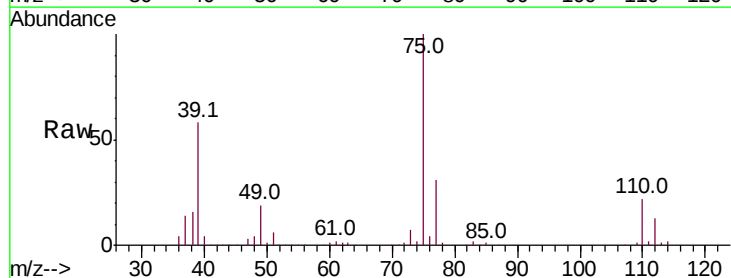
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

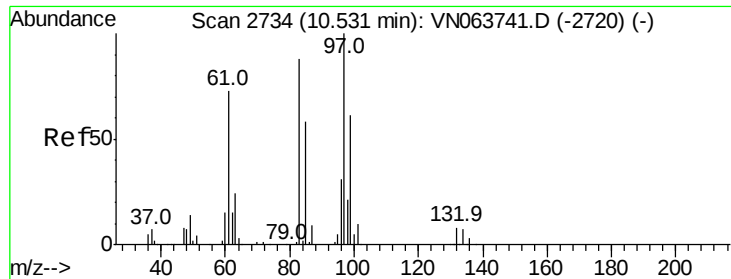
Tot Ion: 75 Resp: 251987
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.318 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 75 Resp: 266263
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 36.8
 39 57.9 49.7 74.5

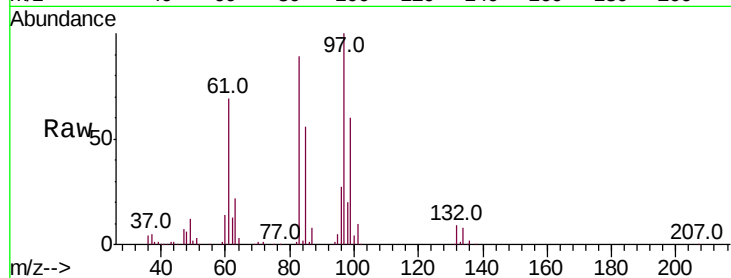




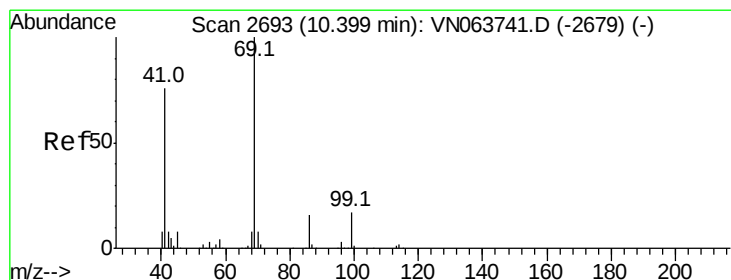
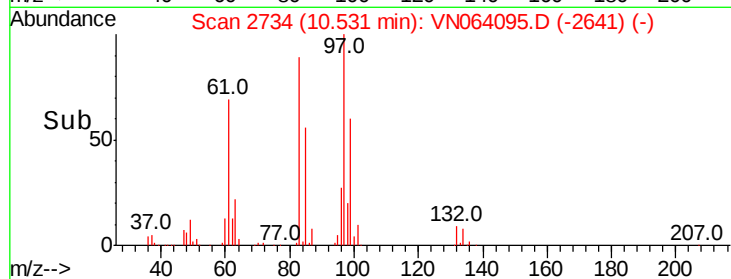
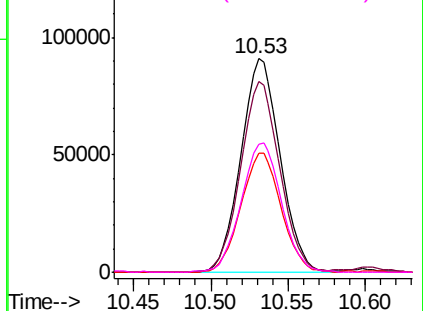
#55
 1,1,2-Trichloroethane
 Concen: 52.788 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 160969
 Ion Ratio Lower Upper
 97 100
 83 89.2 70.7 106.1
 85 55.8 46.1 69.1
 99 59.7 48.8 73.2

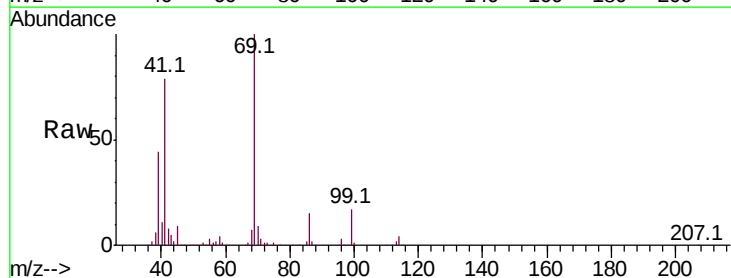


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

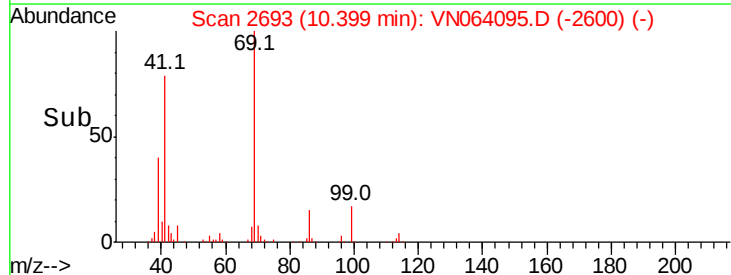
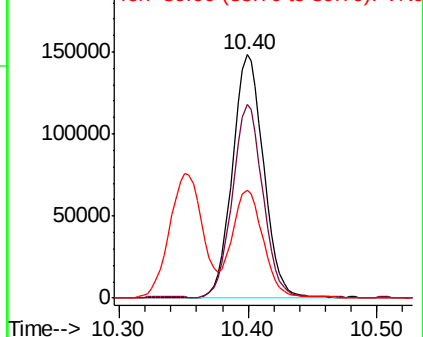


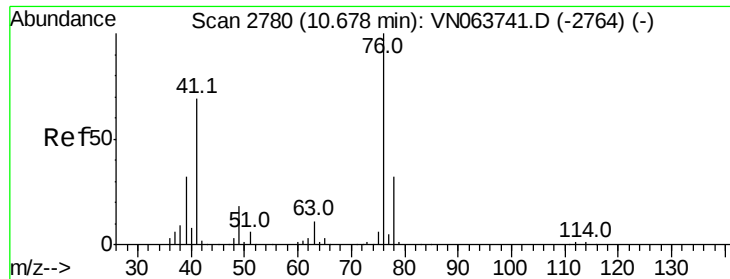
#56
 Ethyl methacrylate
 Concen: 57.691 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 69 Resp: 249357
 Ion Ratio Lower Upper
 69 100
 41 77.3 61.1 91.7
 39 44.2 42.2 63.4



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

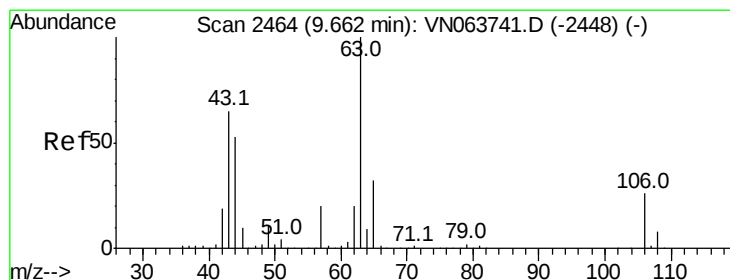
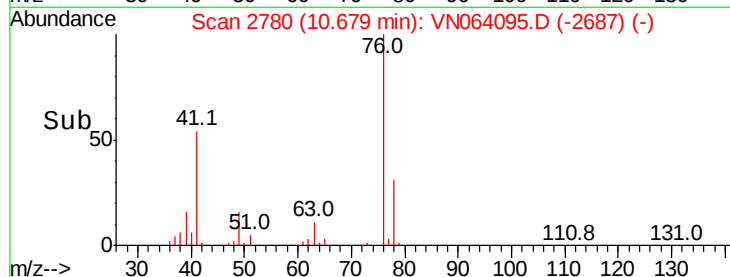
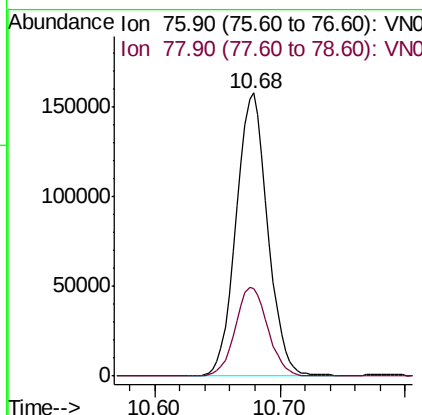
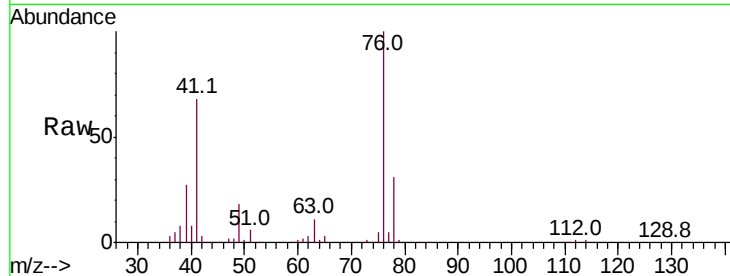




#57
 1,3-Dichloropropane
 Concen: 53.601 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

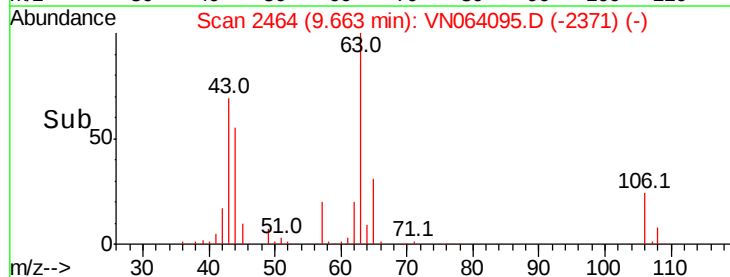
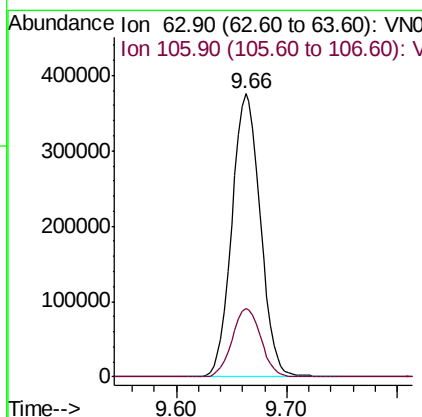
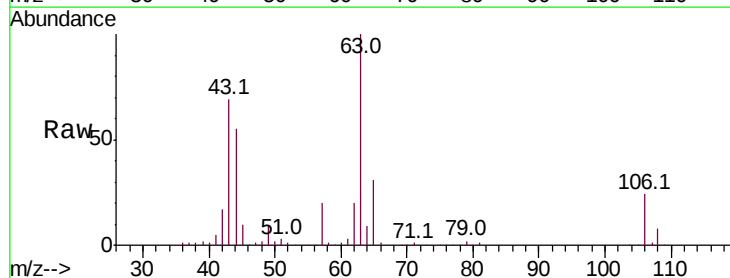
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

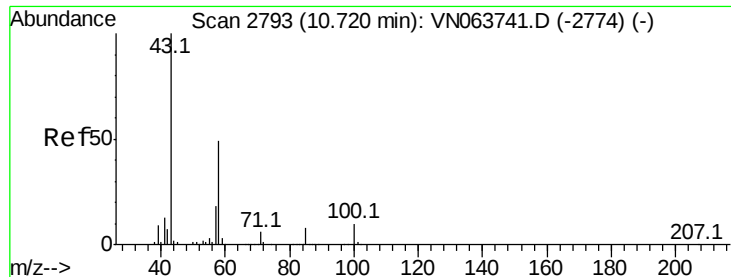
Tot Ion: 76 Resp: 276528
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 290.871 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 63 Resp: 672511
 Ion Ratio Lower Upper
 63 100
 106 24.5 20.7 31.1

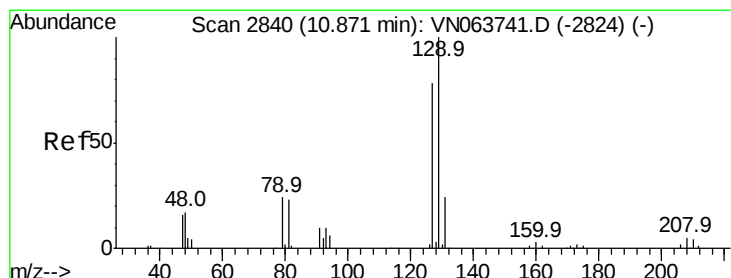
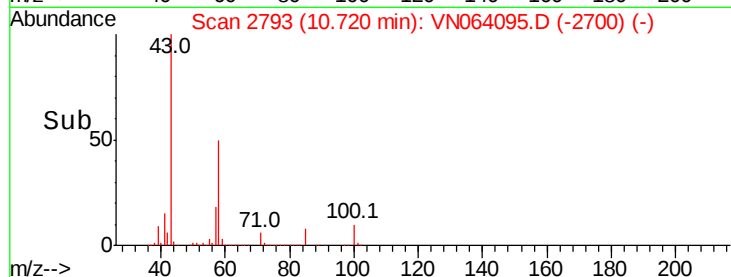
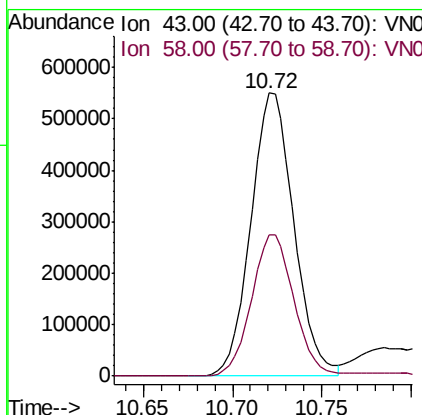
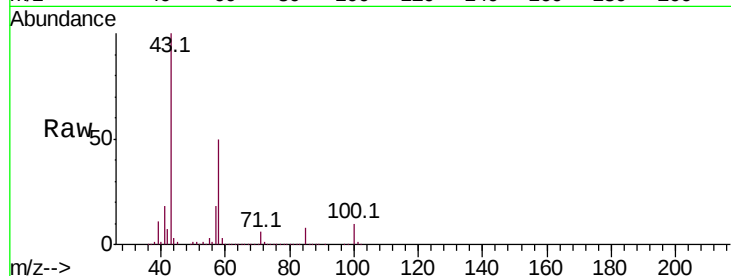




#59
2-Hexanone
Concen: 301.132 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

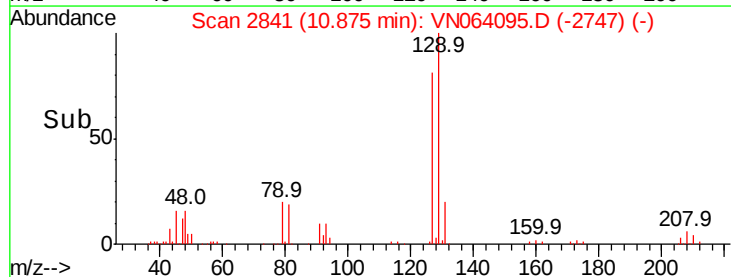
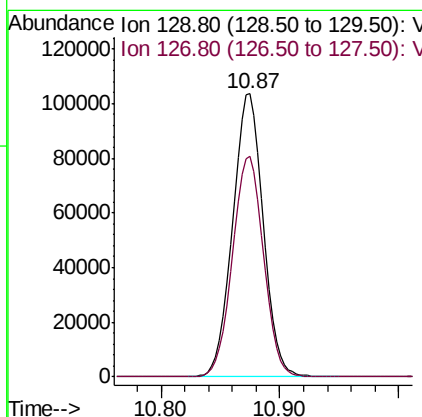
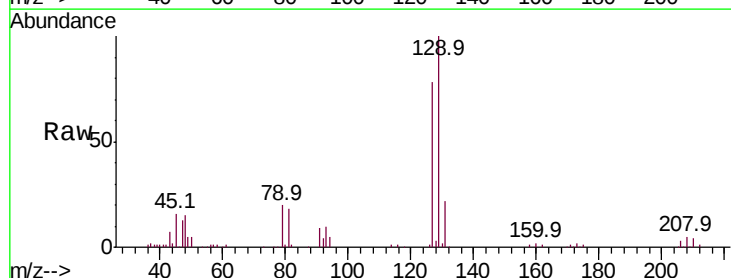
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

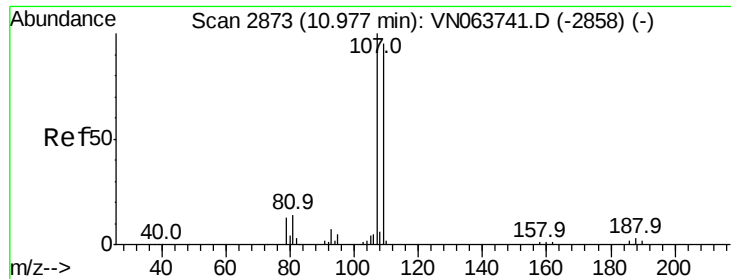
Tot Ion: 43 Resp: 925908
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.8



#60
Dibromochloromethane
Concen: 51.895 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 129 Resp: 184292
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.7

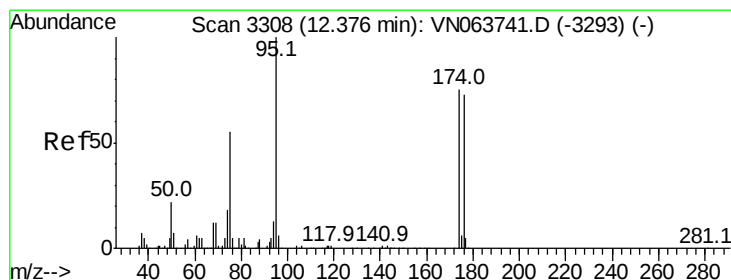
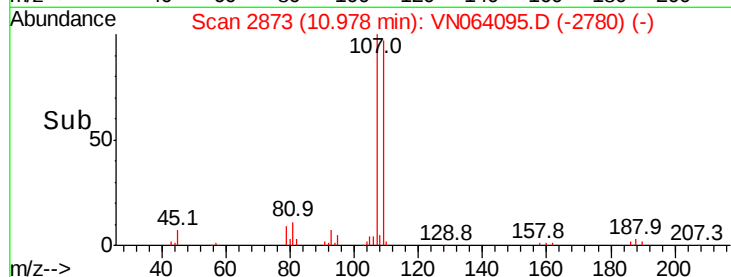
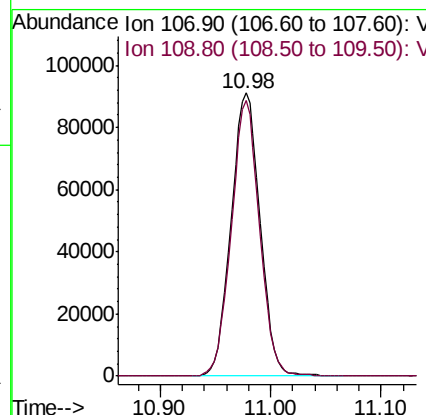
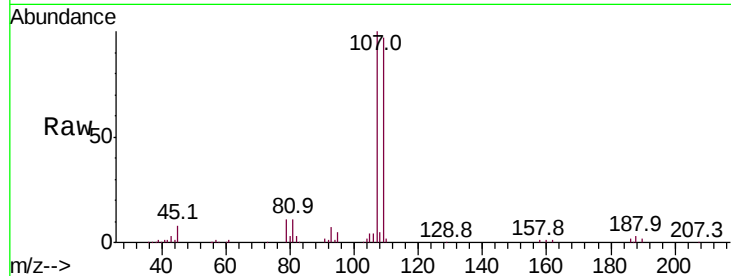




#61
 1,2-Dibromoethane
 Concen: 53.163 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

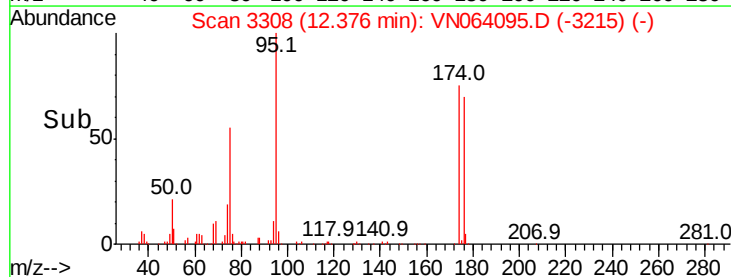
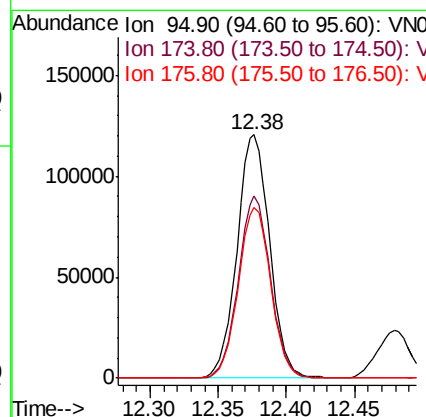
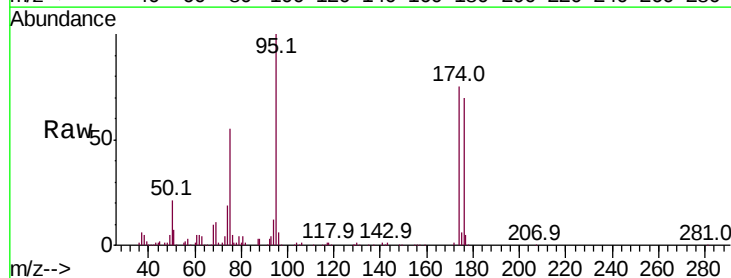
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

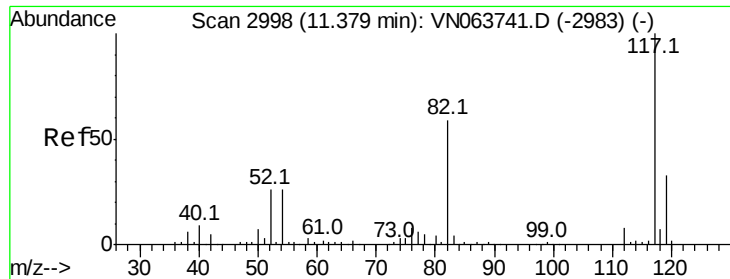
Tot Ion:107 Resp: 165830
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.698 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion: 95 Resp: 200366
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 150.6
 176 70.0 0.0 145.4

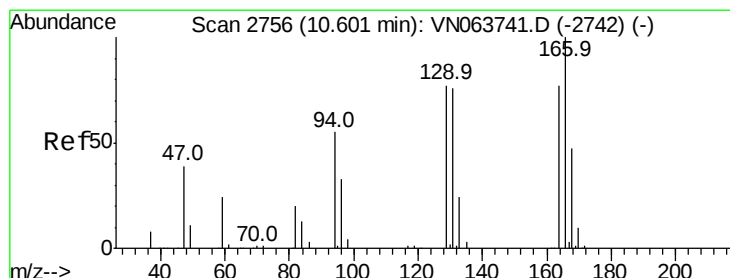
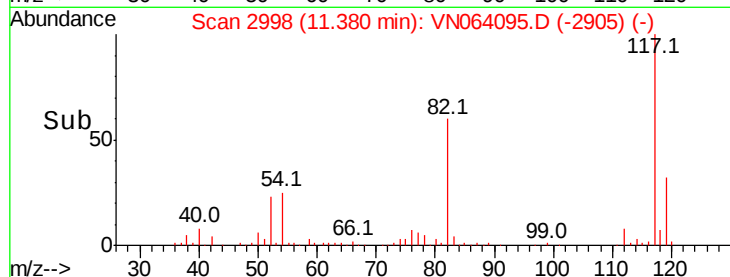
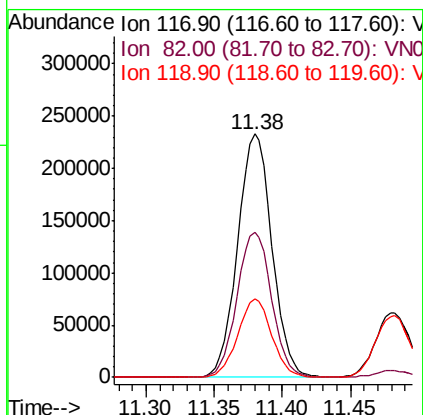
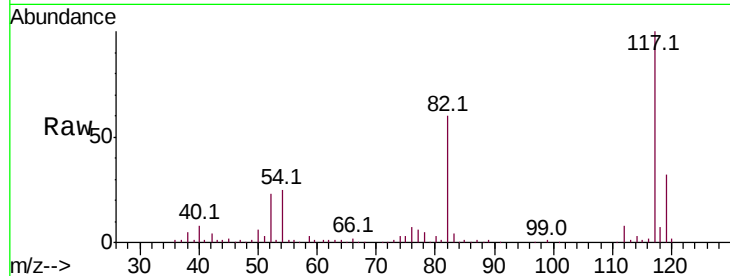




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

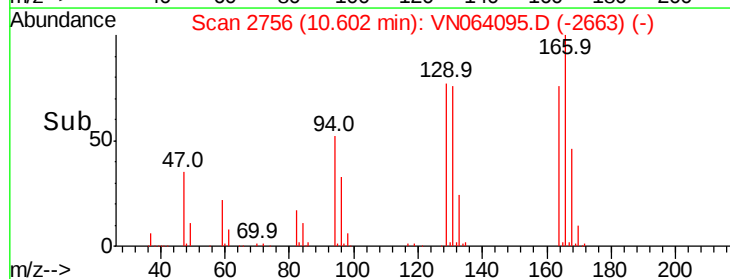
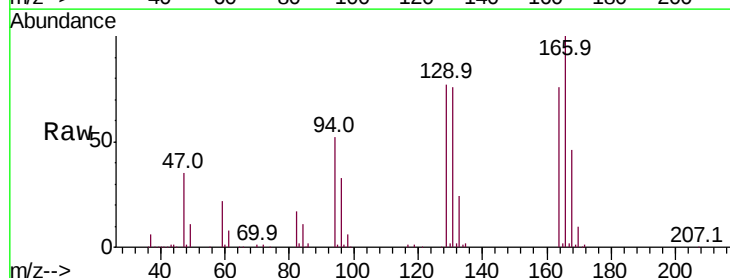
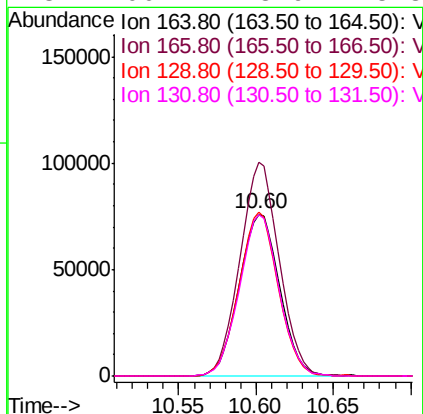
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

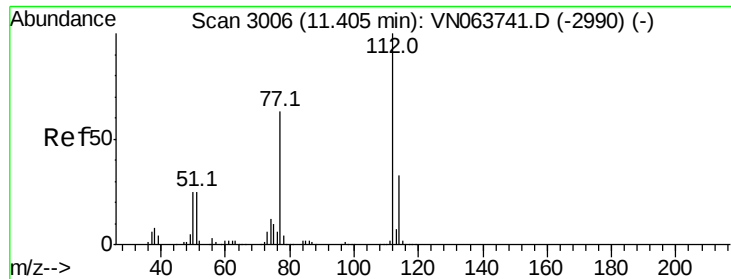
Tot Ion:117 Resp: 408109
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 43.852 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion:164 Resp: 138459
Ion Ratio Lower Upper
164 100
166 132.1 103.9 155.9
129 101.6 80.3 120.5
131 100.1 78.9 118.3

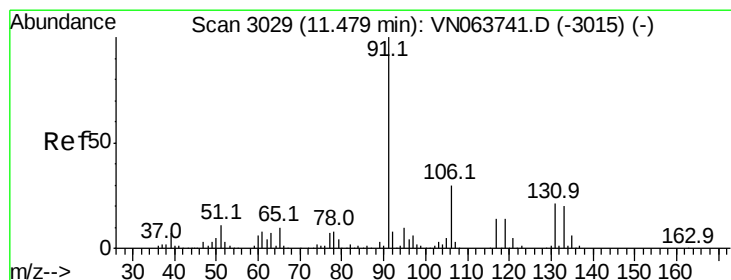
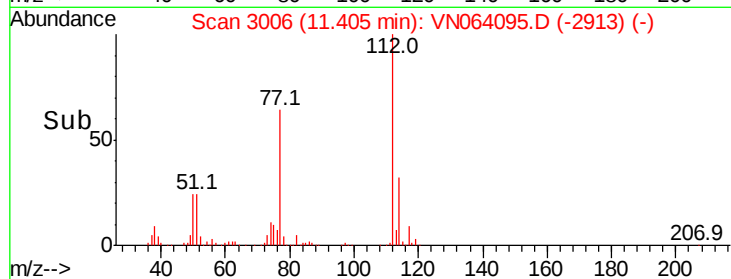
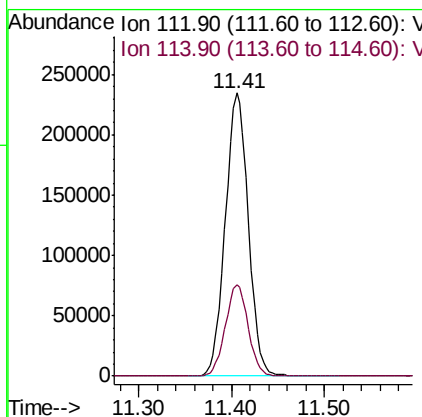
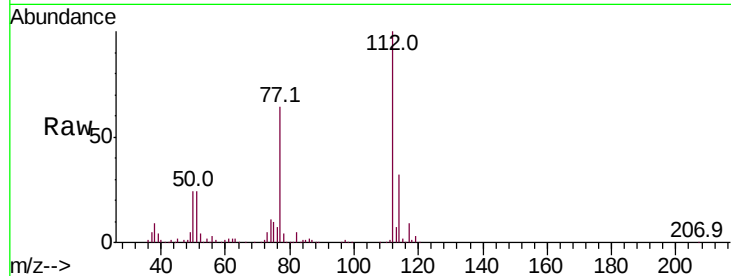




#65
Chlorobenzene
Concen: 48.214 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

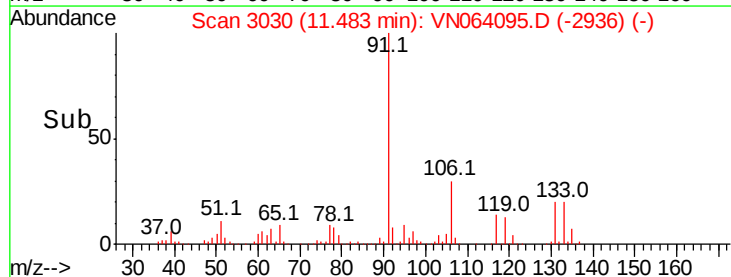
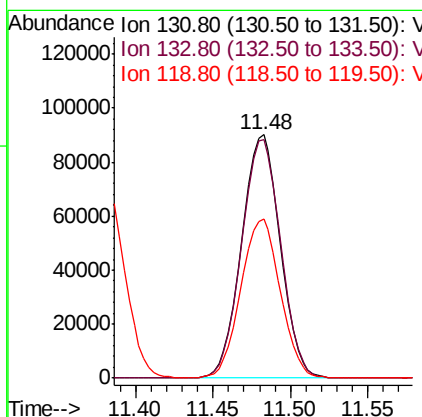
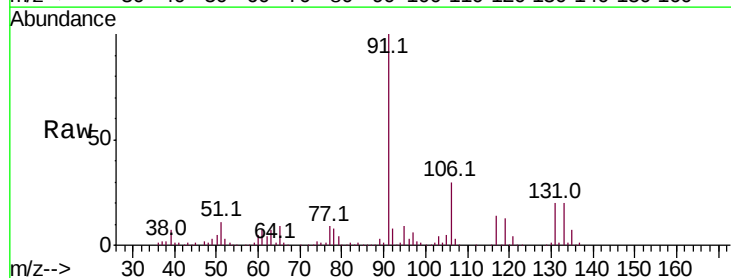
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

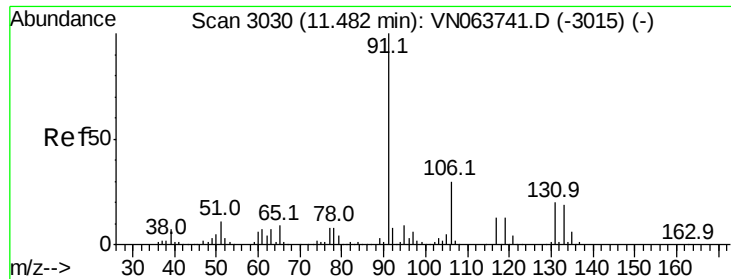
Tot Ion:112 Resp: 403626
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.081 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion:131 Resp: 157521
Ion Ratio Lower Upper
131 100
133 99.2 47.3 141.8
119 66.5 32.6 97.7

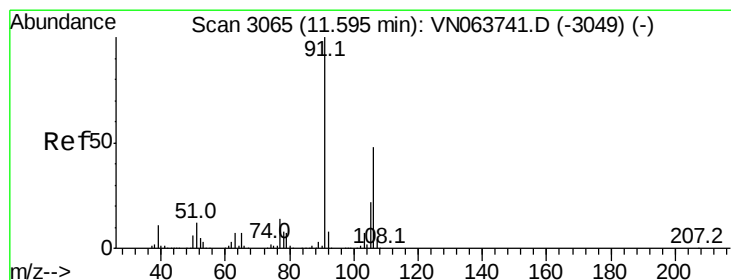
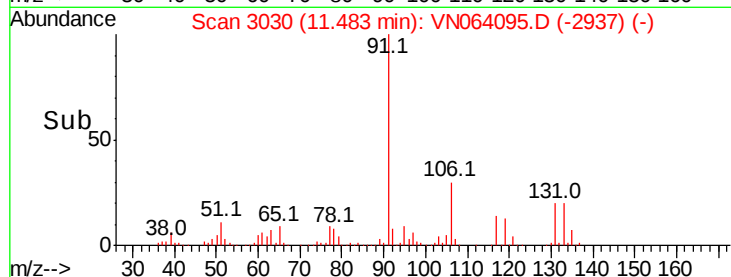
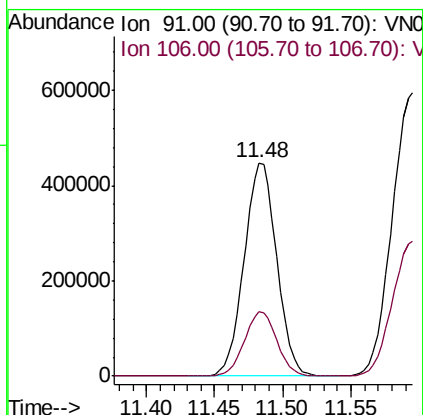
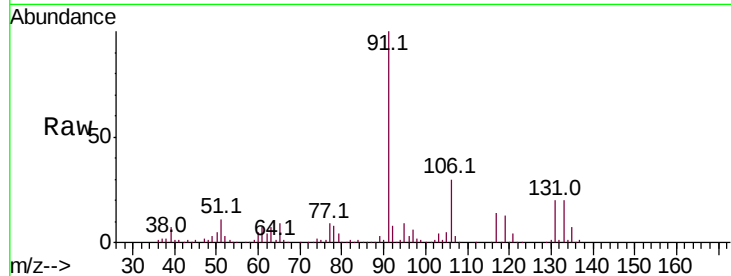




#67
Ethyl Benzene
Concen: 48.771 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

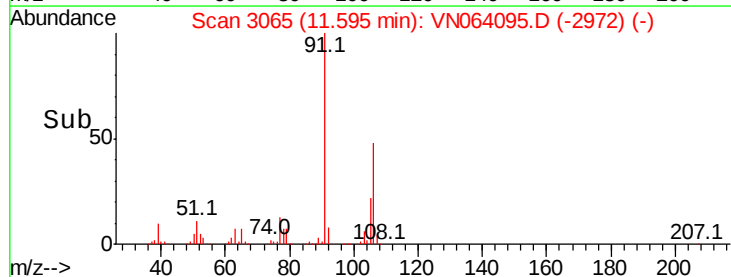
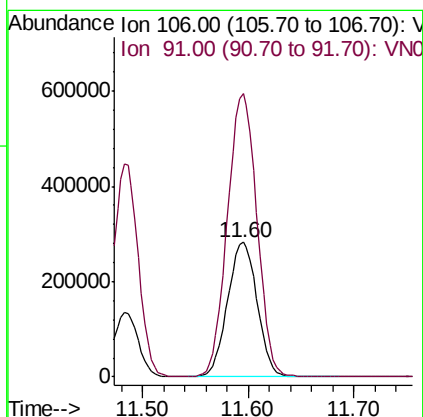
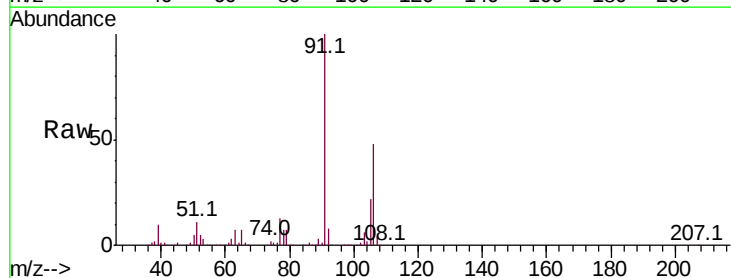
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

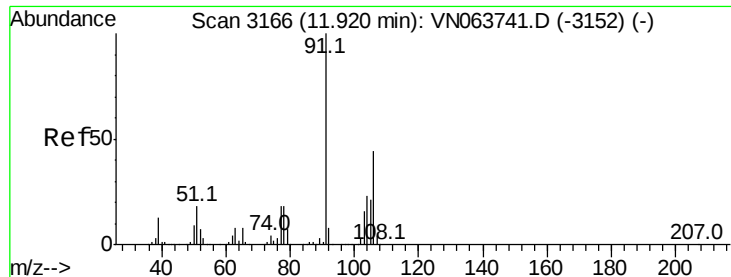
Tot Ion: 91 Resp: 742933
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 96.532 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 106 Resp: 548053
Ion Ratio Lower Upper
106 100
91 210.5 168.0 252.0

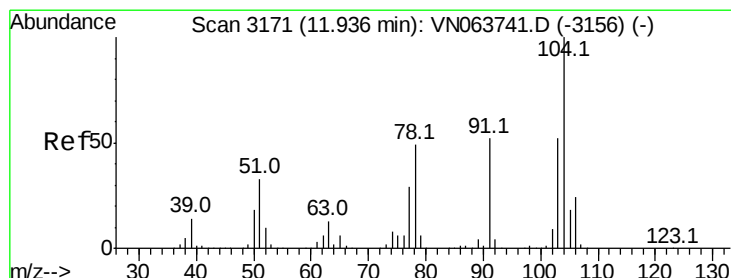
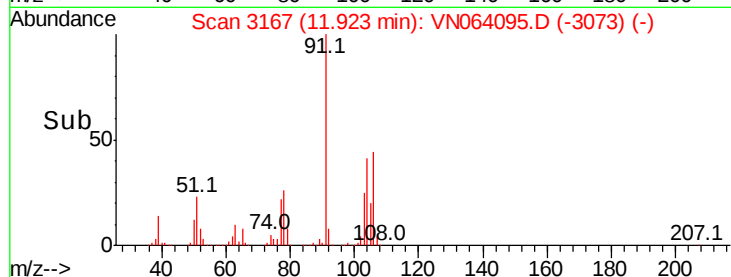
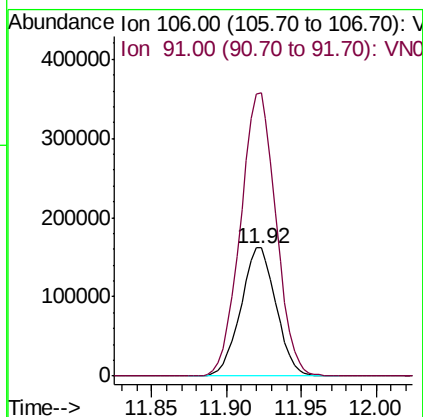
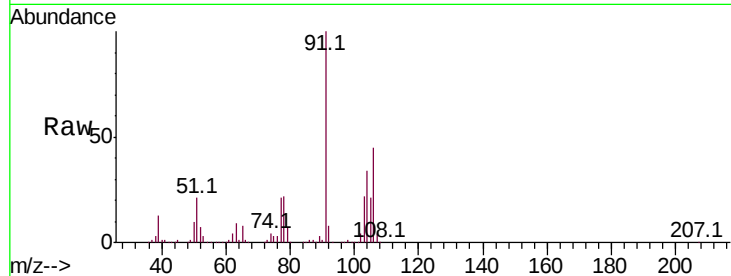




#69
o-Xylene
Concen: 50.111 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

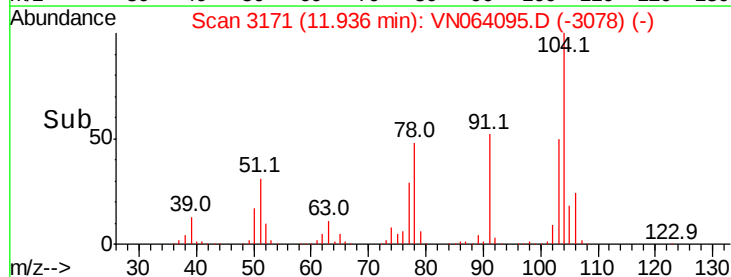
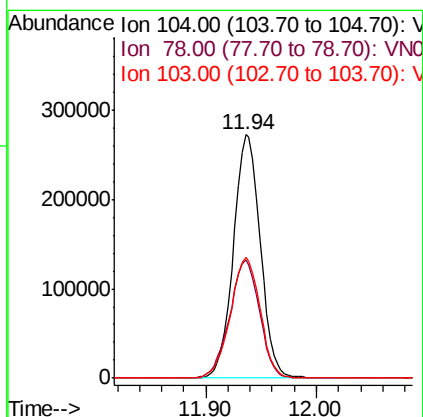
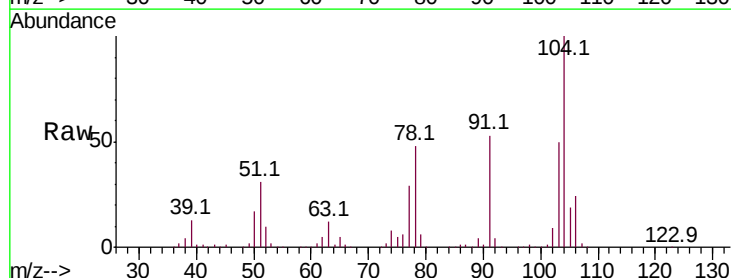
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

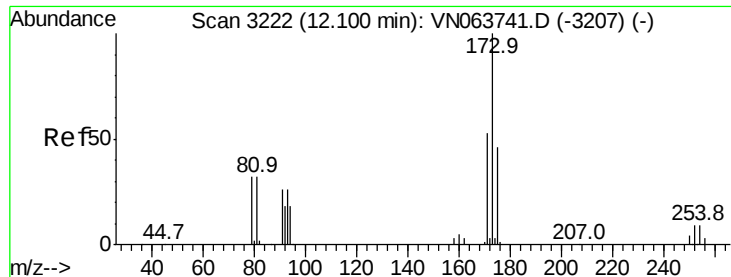
Tot Ion:106 Resp: 265911
Ion Ratio Lower Upper
106 100
91 222.2 112.7 338.0



#70
Styrene
Concen: 51.262 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion:104 Resp: 461745
Ion Ratio Lower Upper
104 100
78 53.9 44.1 66.1
103 54.8 44.3 66.5





#71

Bromoform

Concen: 51.583 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

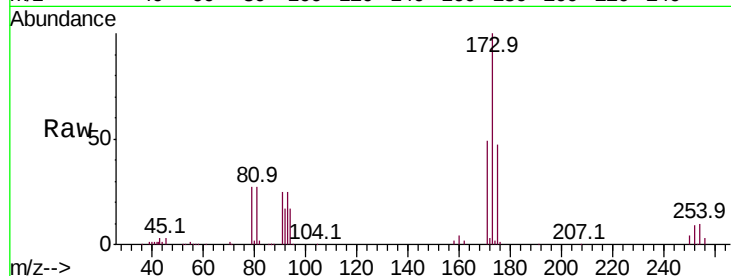
Tot Ion:173 Resp: 126617

Ion Ratio Lower Upper

173 100

175 47.2 23.5 70.5

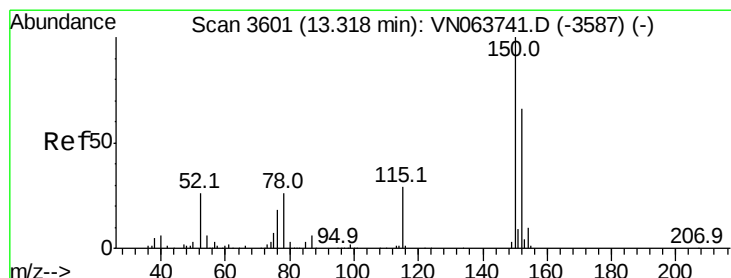
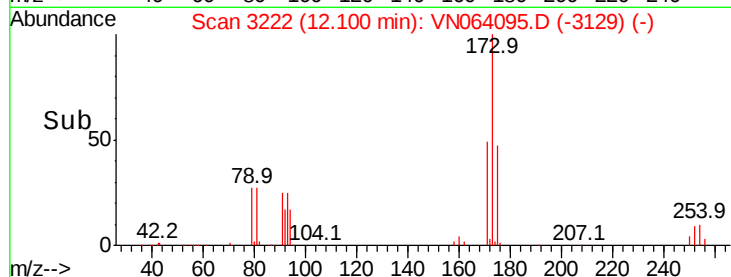
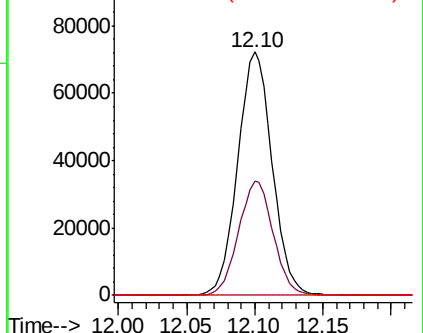
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

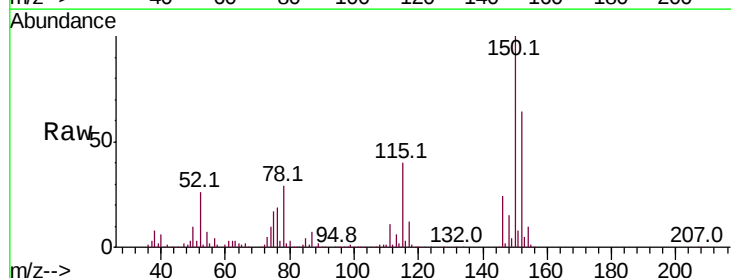
Tgt Ion:152 Resp: 190816

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

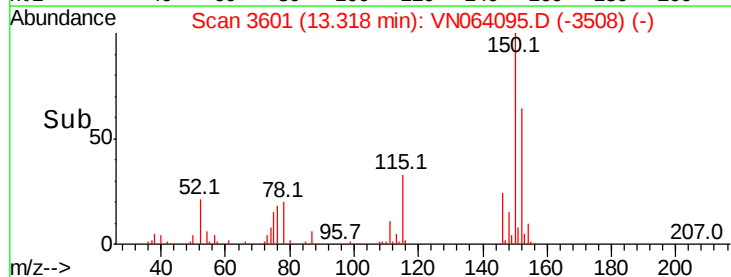
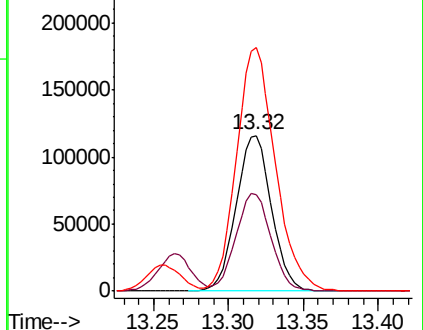
150 172.2 0.0 341.8

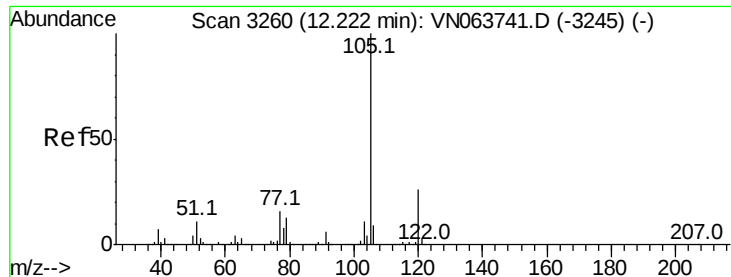


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.646 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

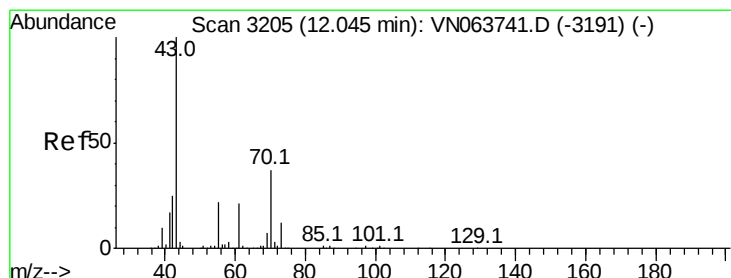
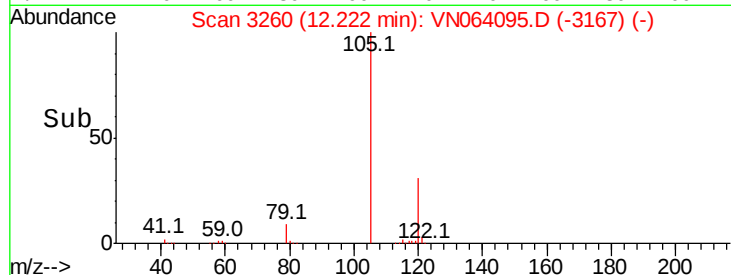
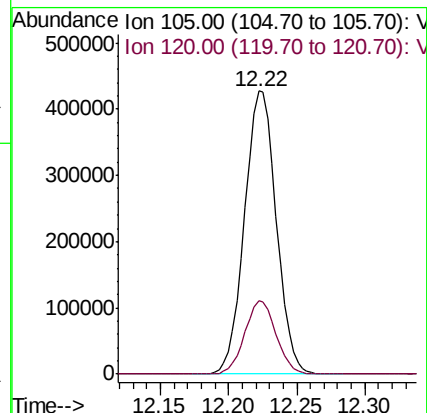
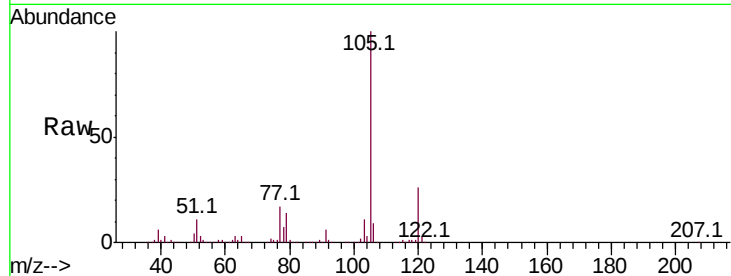
VSTDCCC050EC

Tot Ion:105 Resp: 690977

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 56.304 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion: 43 Resp: 366112

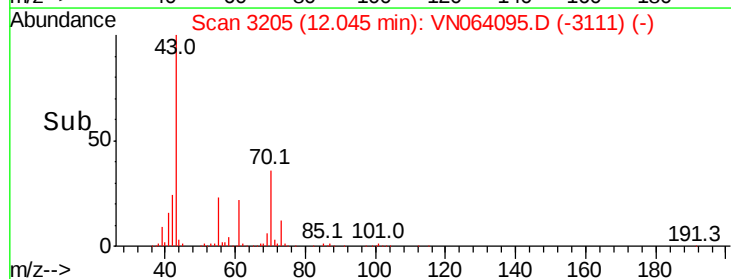
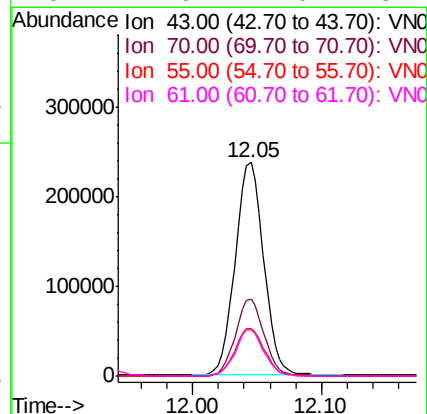
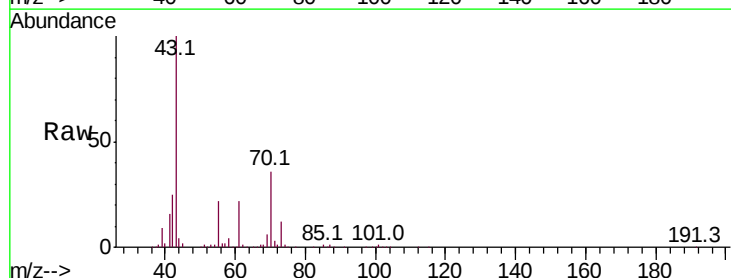
Ion Ratio Lower Upper

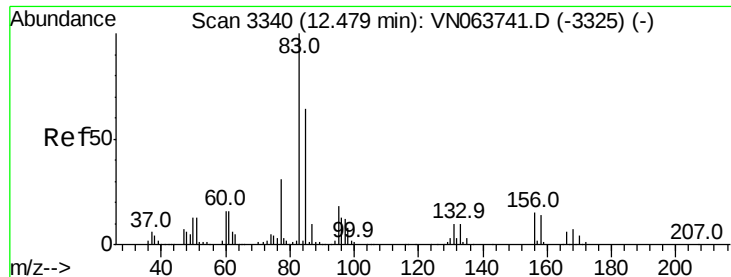
43 100

70 36.3 29.8 44.8

55 23.1 17.9 26.9

61 21.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.670 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

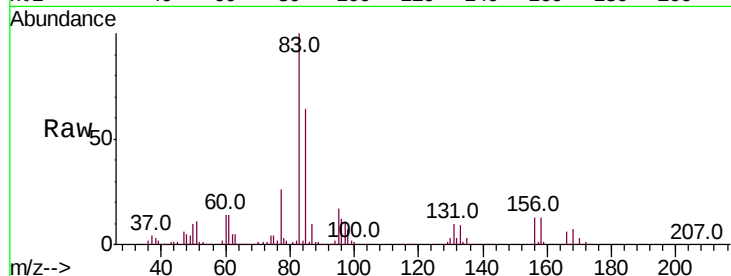
Tot Ion: 83 Resp: 236930

Ion Ratio Lower Upper

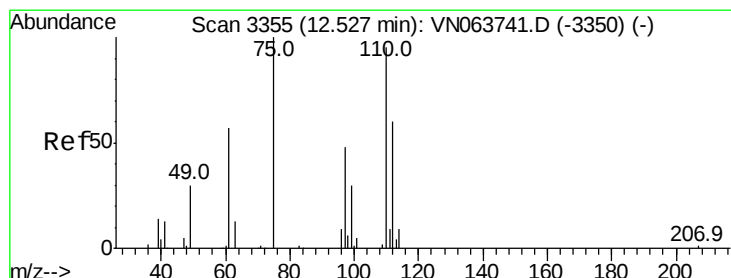
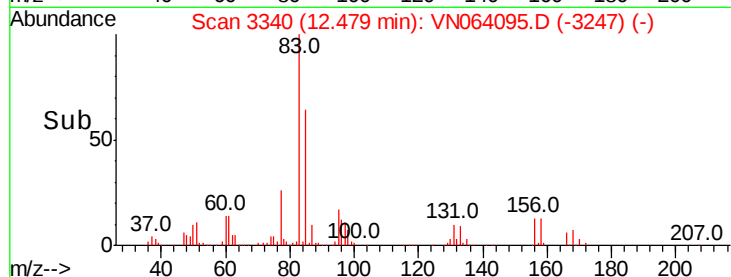
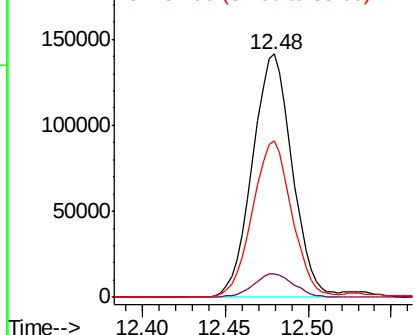
83 100

131 9.8 5.3 15.8

85 63.8 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 74.377 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064095.D

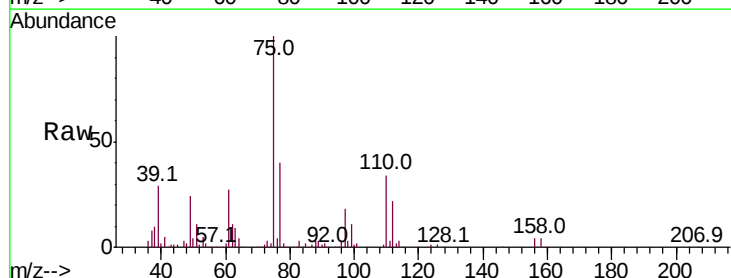
Acq: 12 Oct 2020 22:14

Tgt Ion: 75 Resp: 312853

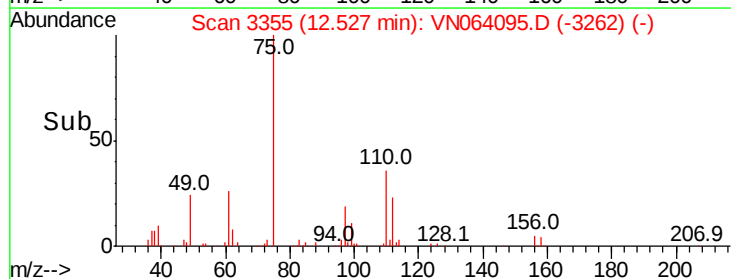
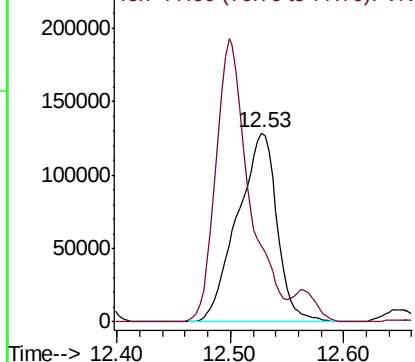
Ion Ratio Lower Upper

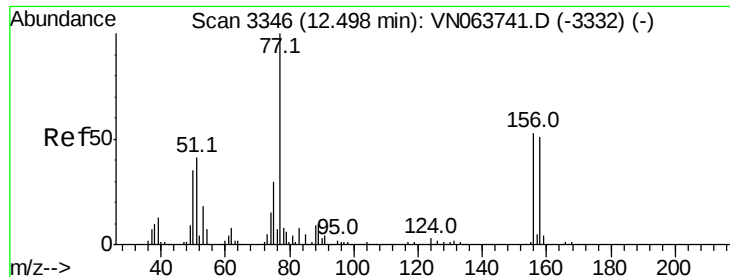
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.131 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

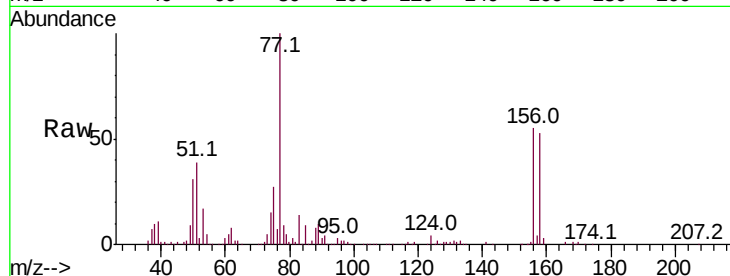
Tot Ion:156 Resp: 174620

Ion Ratio Lower Upper

156 100

77 226.4 110.9 332.7

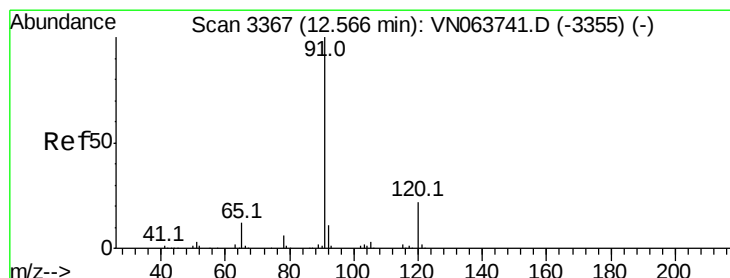
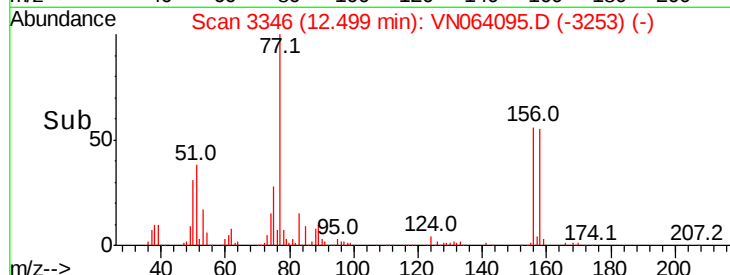
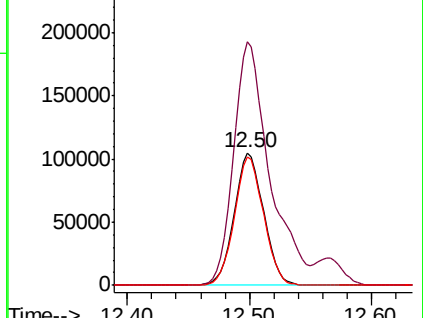
158 96.1 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.604 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064095.D

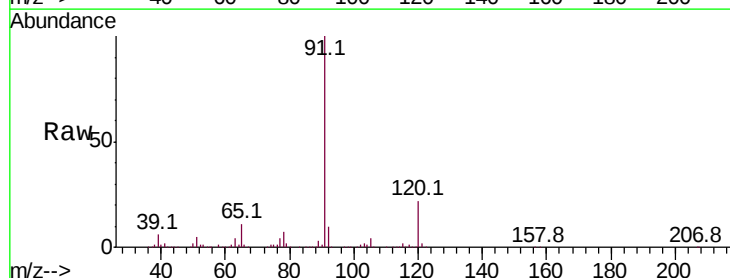
Acq: 12 Oct 2020 22:14

Tgt Ion: 91 Resp: 787273

Ion Ratio Lower Upper

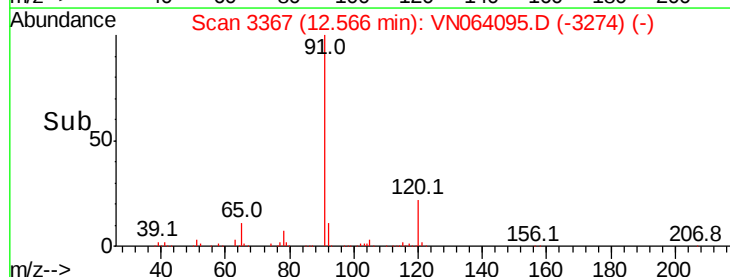
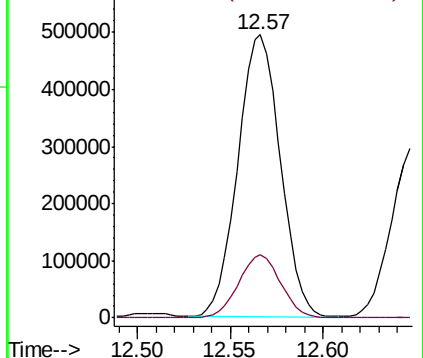
91 100

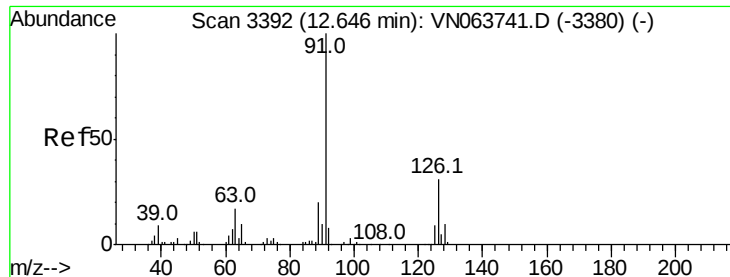
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.699 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

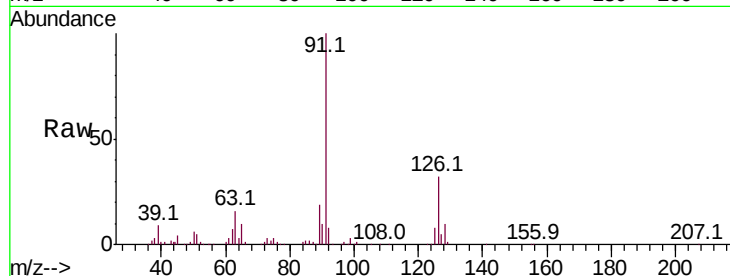
VSTDCCC050EC

Tot Ion: 91 Resp: 495091

Ion Ratio Lower Upper

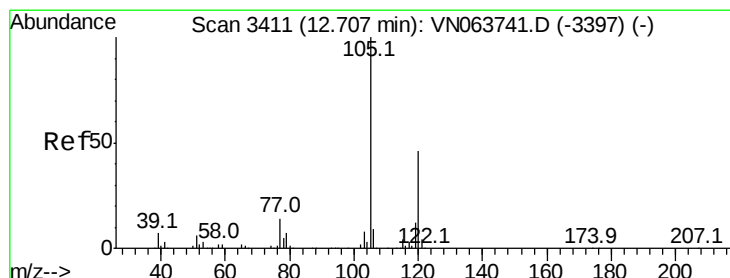
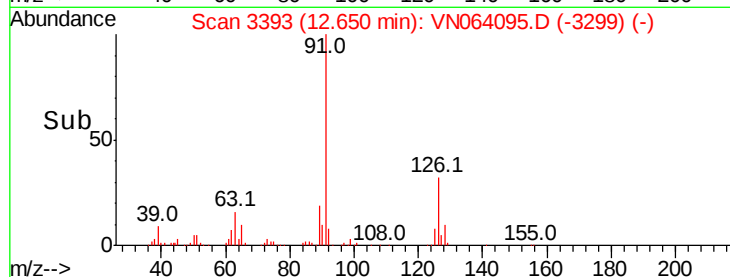
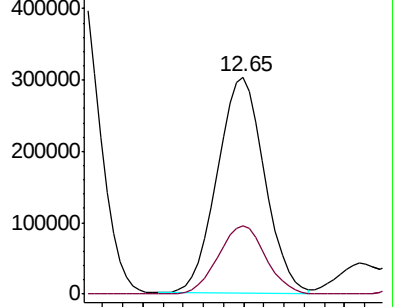
91 100

126 32.1 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.954 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064095.D

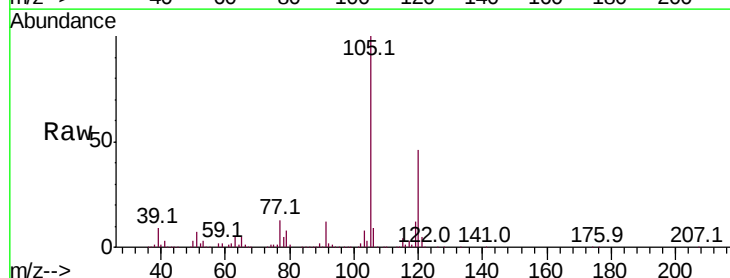
Acq: 12 Oct 2020 22:14

Tgt Ion:105 Resp: 583283

Ion Ratio Lower Upper

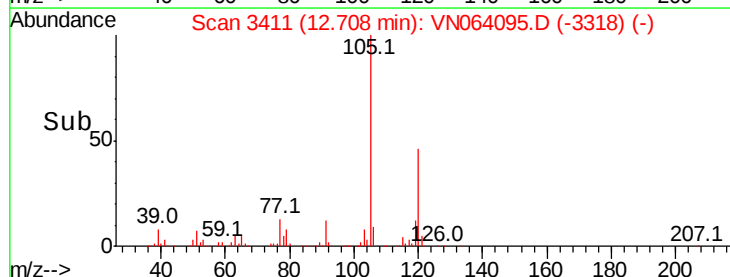
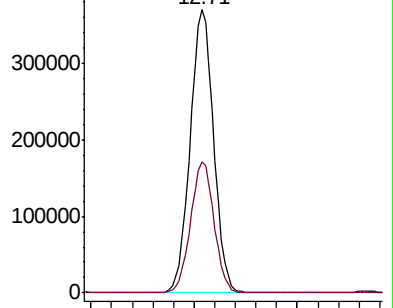
105 100

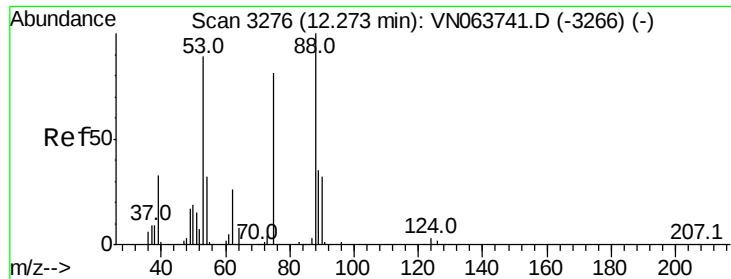
120 46.3 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)

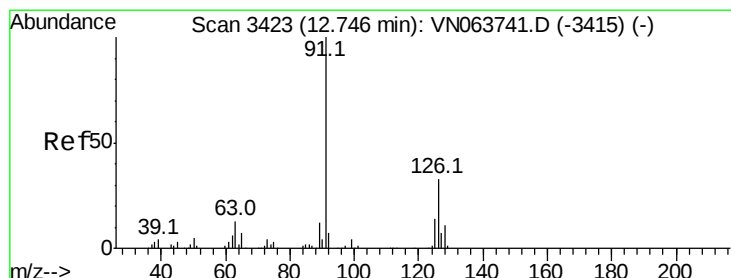
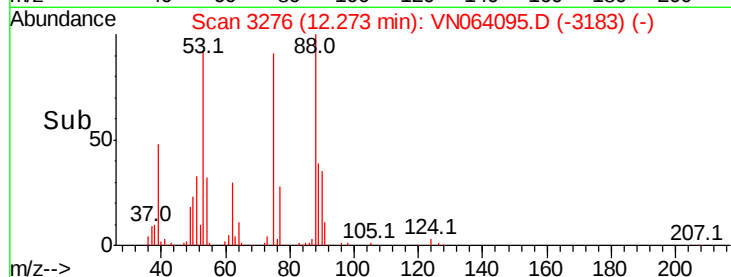
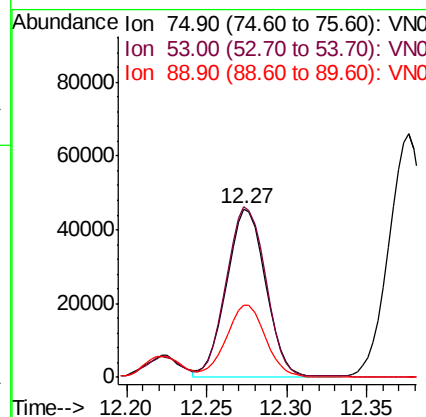
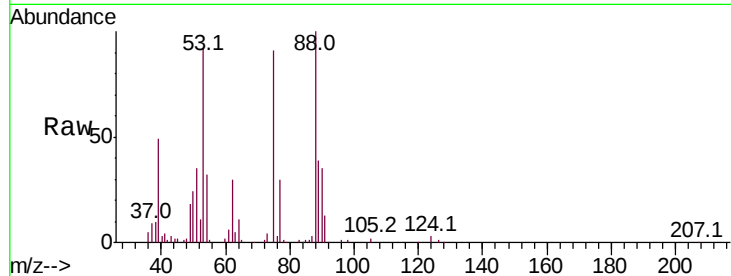




#81
trans-1,4-Dichloro-2-butene
Concen: 52.593 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

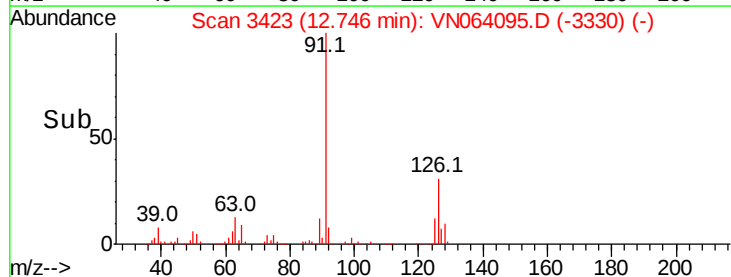
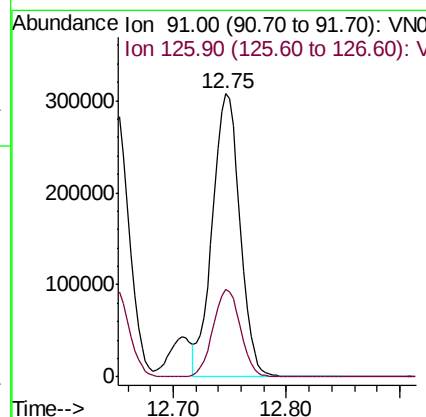
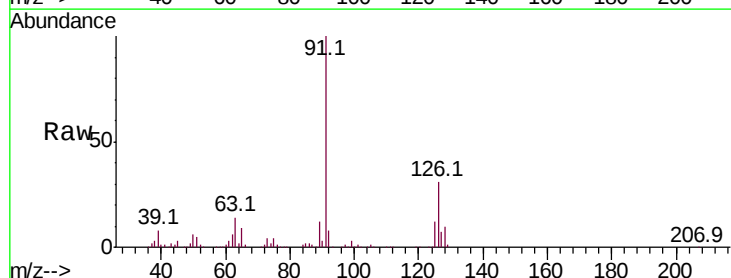
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

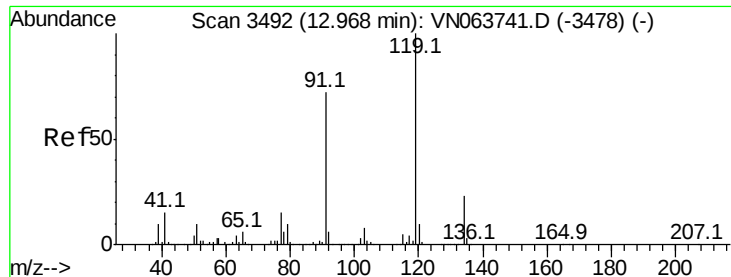
Tot Ion: 75 Resp: 76810
Ion Ratio Lower Upper
75 100
53 102.4 88.2 132.2
89 42.7 36.0 54.0



#82
4-Chlorotoluene
Concen: 50.005 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 91 Resp: 517130
Ion Ratio Lower Upper
91 100
126 30.6 15.4 46.2

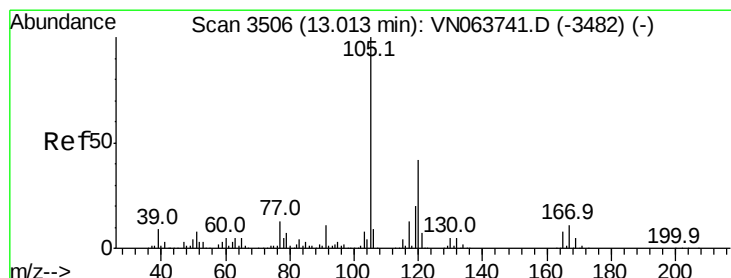
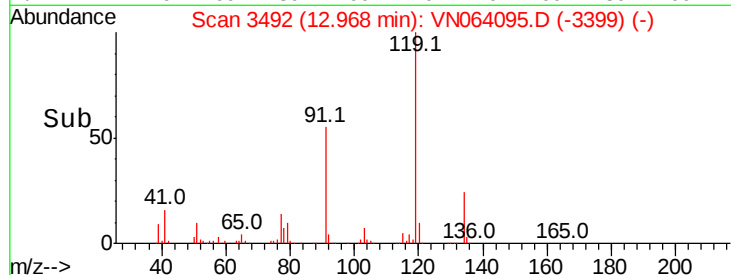
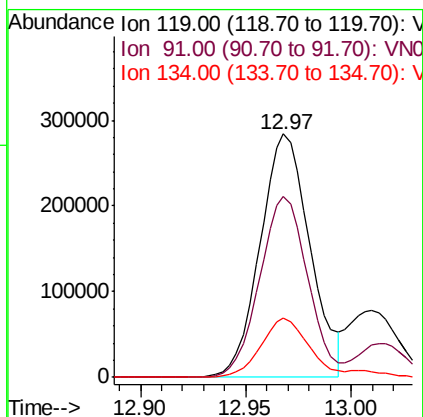
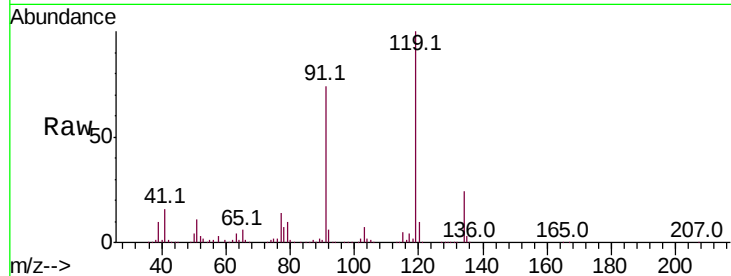




#83
 tert-Butylbenzene
 Concen: 48.967 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

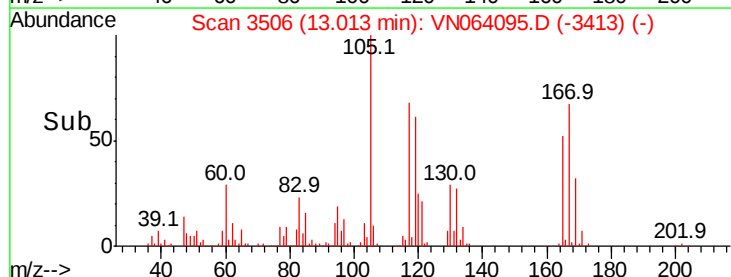
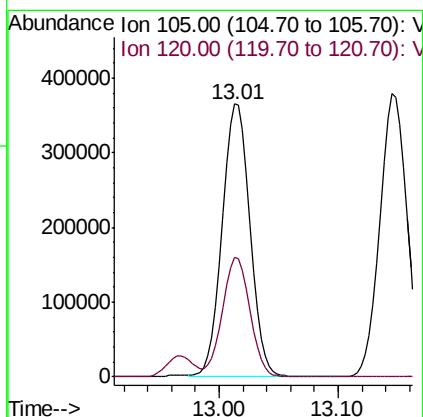
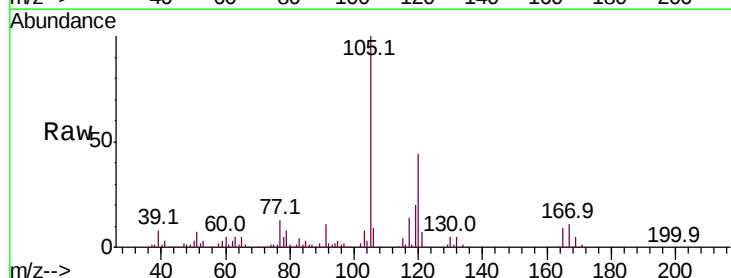
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

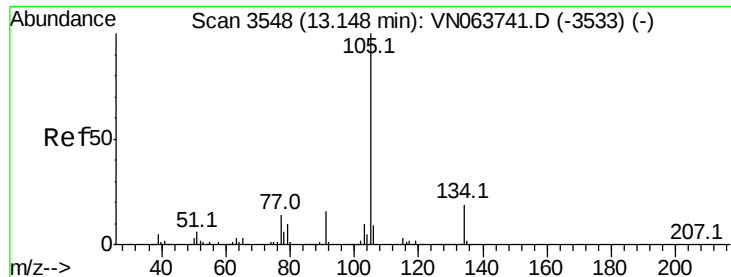
Tot Ion:119 Resp: 467686
 Ion Ratio Lower Upper
 119 100
 91 72.1 35.5 106.5
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.607 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion:105 Resp: 589968
 Ion Ratio Lower Upper
 105 100
 120 43.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 48.221 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

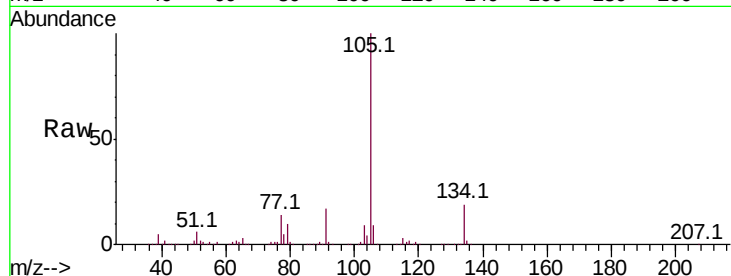
VSTDCCC050EC

Tot Ion:105 Resp: 604927

Ion Ratio Lower Upper

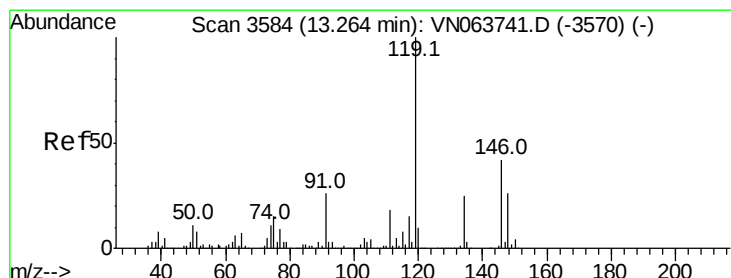
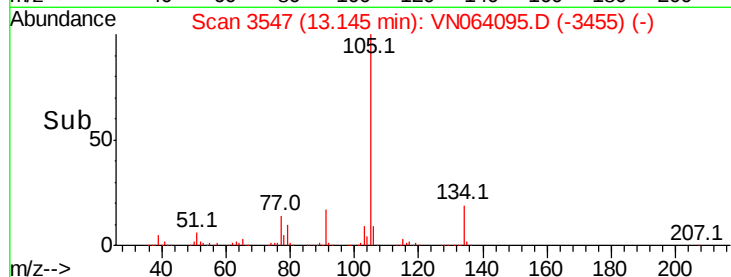
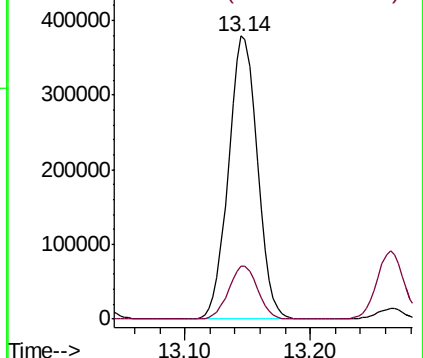
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.932 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

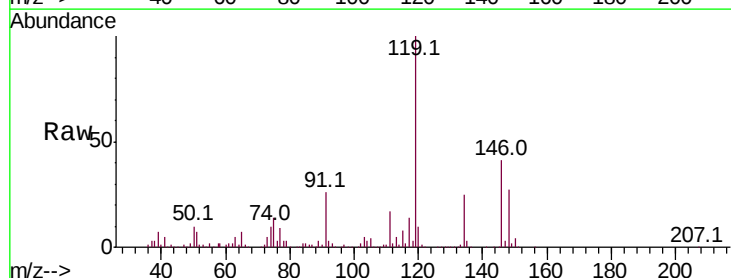
Tgt Ion:119 Resp: 543039

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

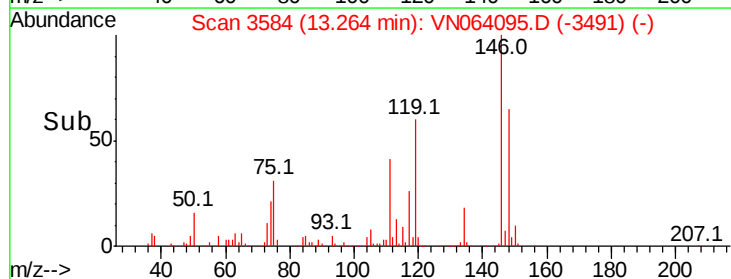
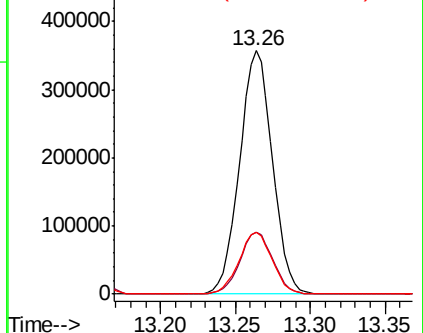
91 25.6 13.4 40.2

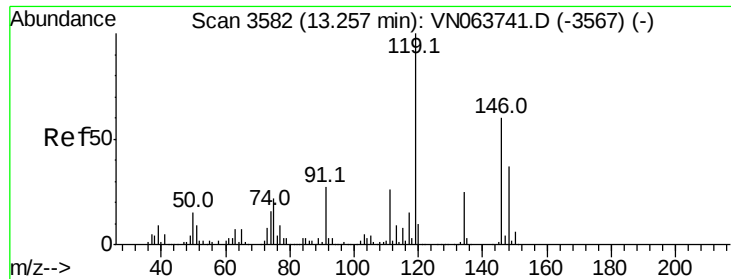


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.300 ug/l

RT: 13.26 min Scan# 3582

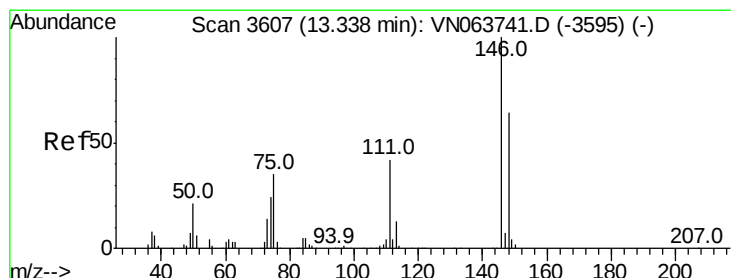
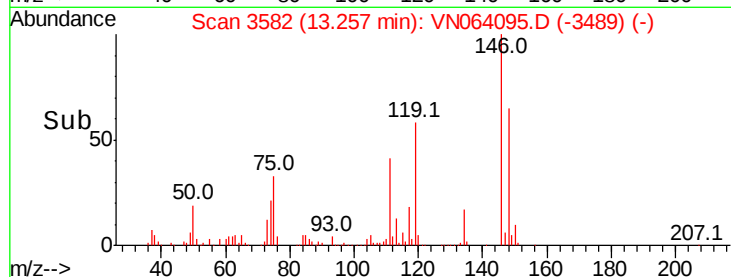
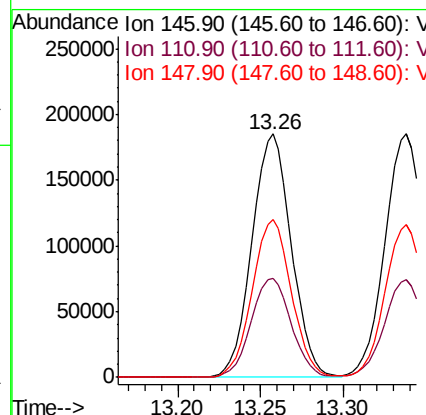
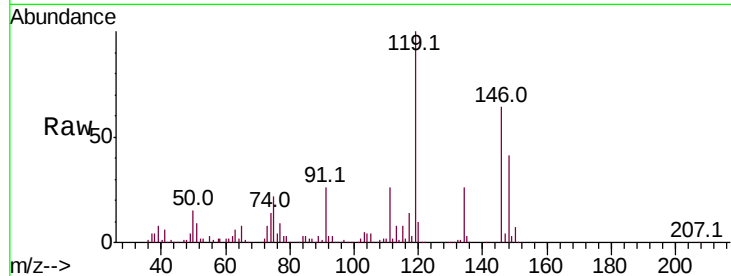
Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.5	64.5
148	64.5	31.1	93.3



#88

1,4-Dichlorobenzene

Concen: 47.677 ug/l

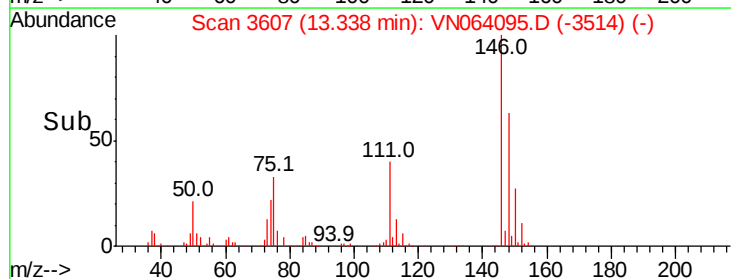
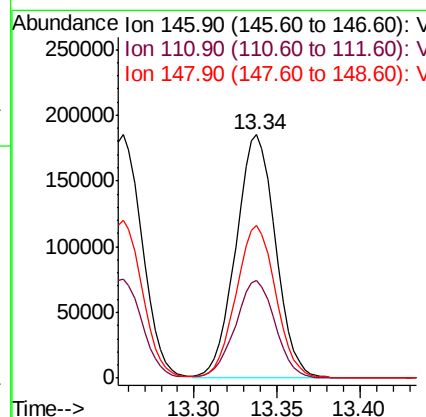
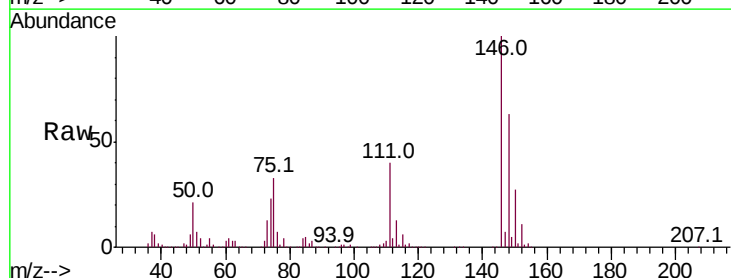
RT: 13.34 min Scan# 3607

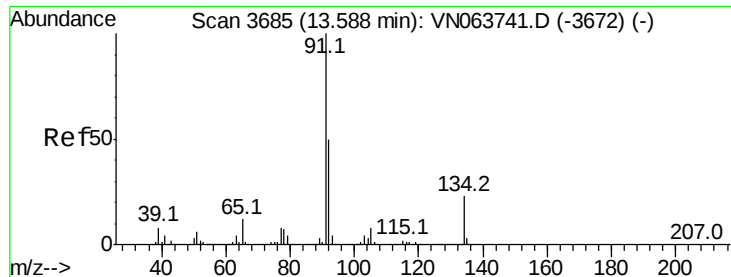
Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.3	63.7
148	62.9	32.0	96.0

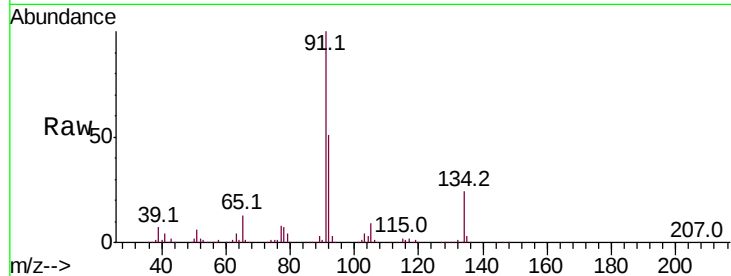




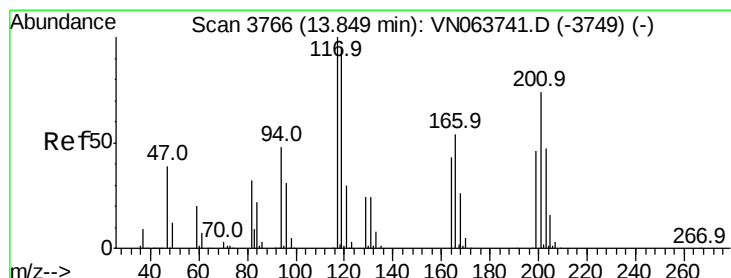
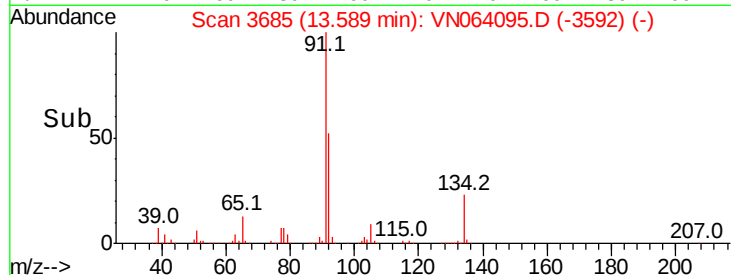
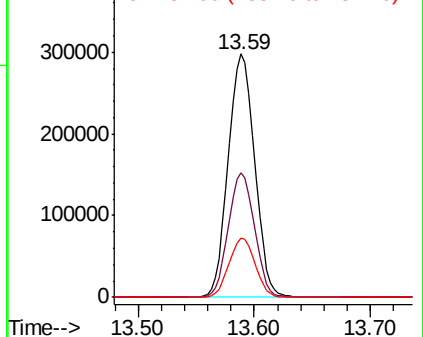
#89
n-Butylbenzene
Concen: 45.774 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 468863
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.4
134 23.9 11.7 35.1

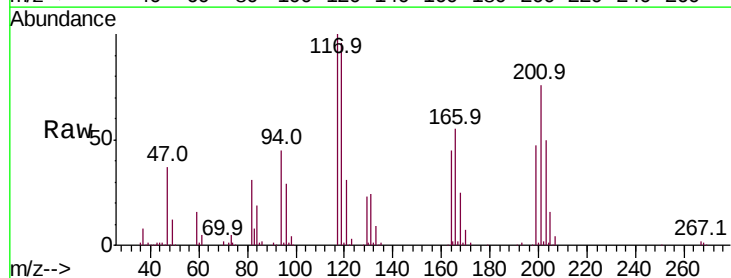


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

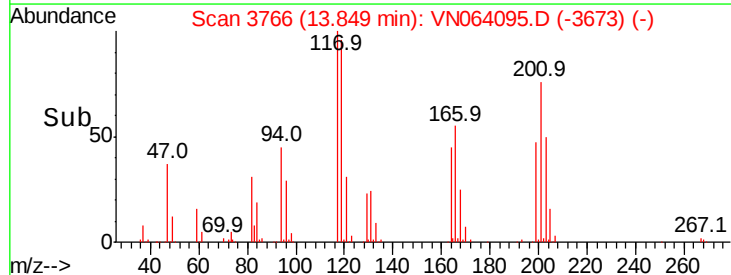
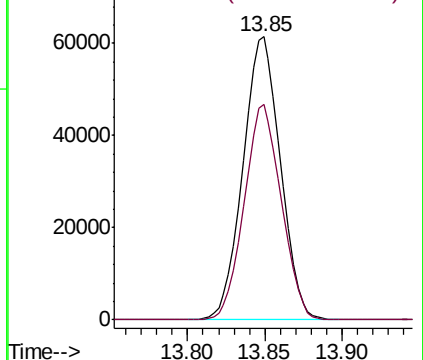


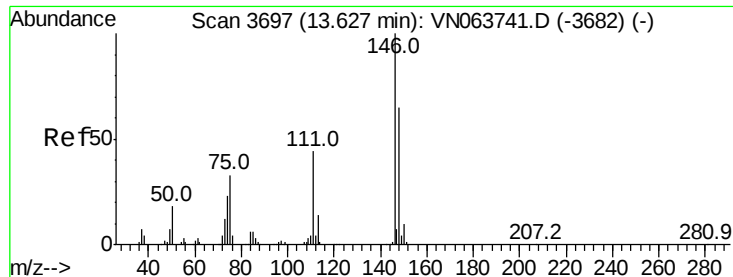
#90
Hexachloroethane
Concen: 48.116 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064095.D
Acq: 12 Oct 2020 22:14

Tgt Ion: 117 Resp: 103474
Ion Ratio Lower Upper
117 100
201 75.2 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.383 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

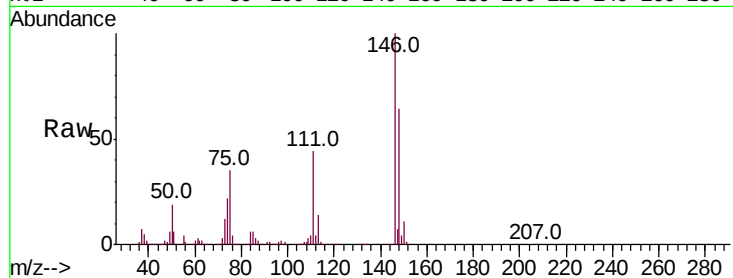
Tot Ion:146 Resp: 302204

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

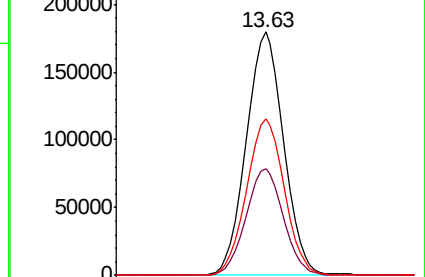
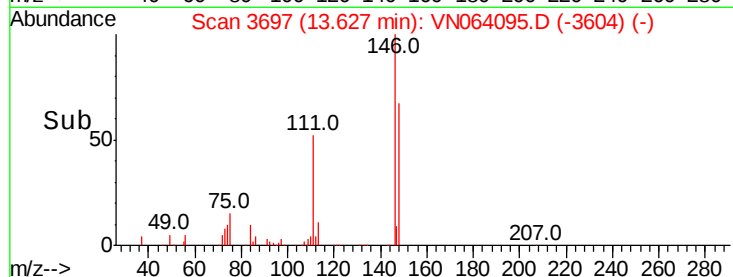
148 65.0 32.5 97.4



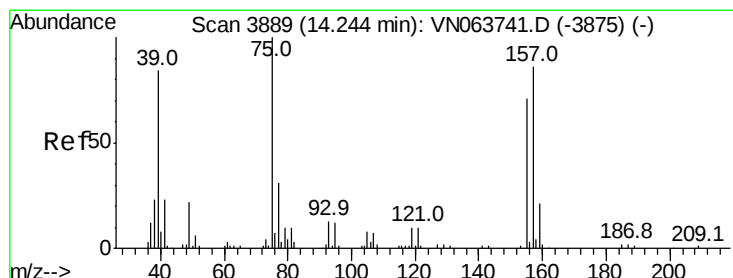
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.533 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

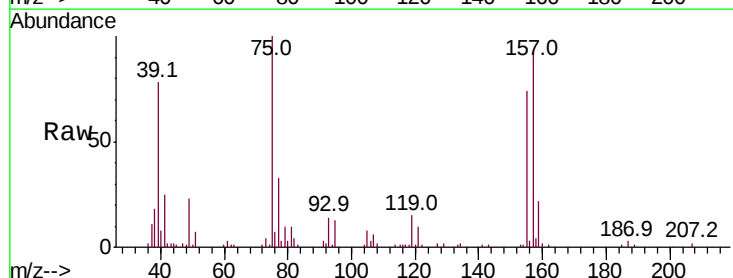
Tgt Ion: 75 Resp: 52434

Ion Ratio Lower Upper

75 100

155 73.7 34.8 104.5

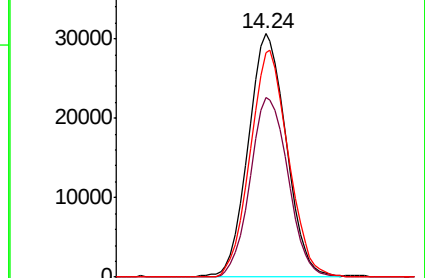
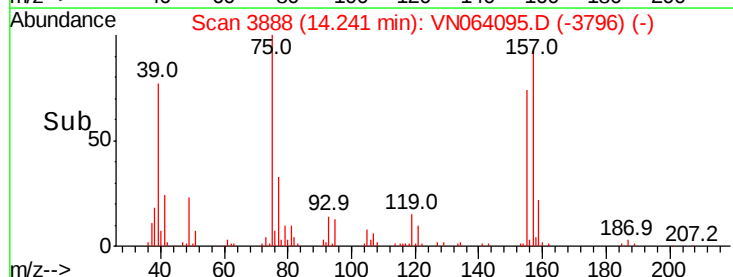
157 93.4 43.7 131.1



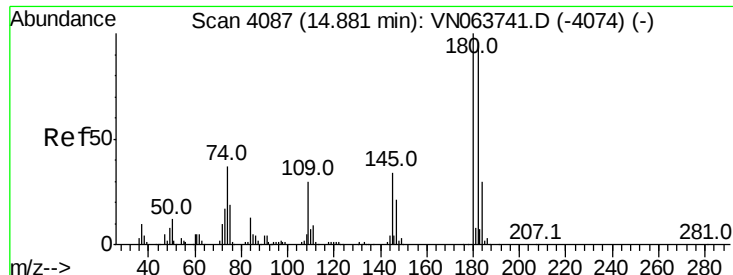
Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



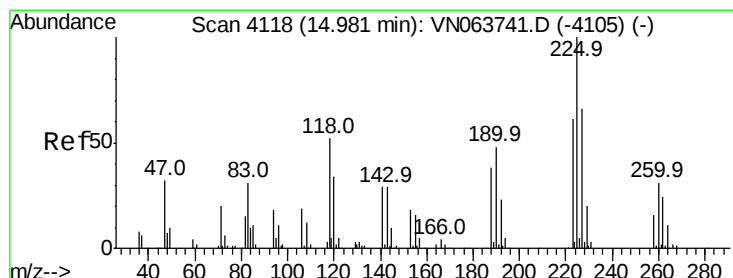
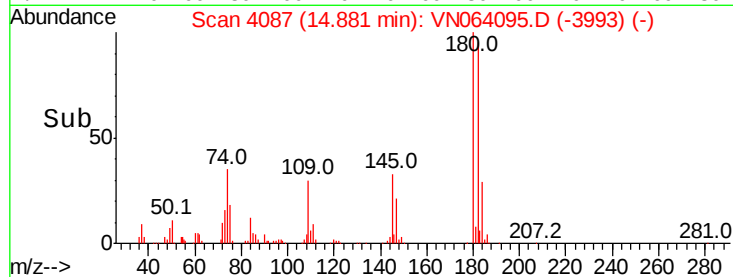
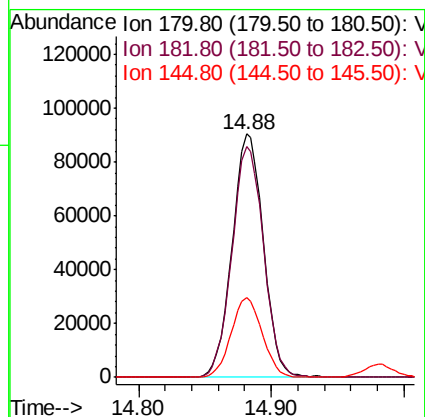
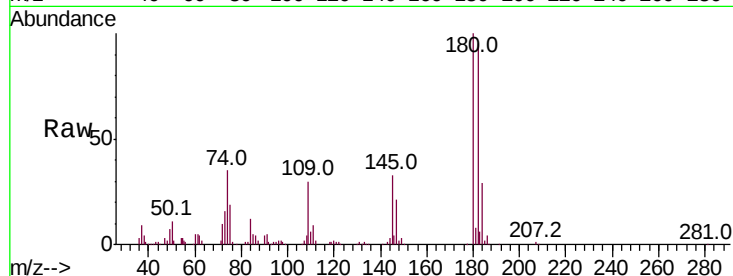
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 44.597 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

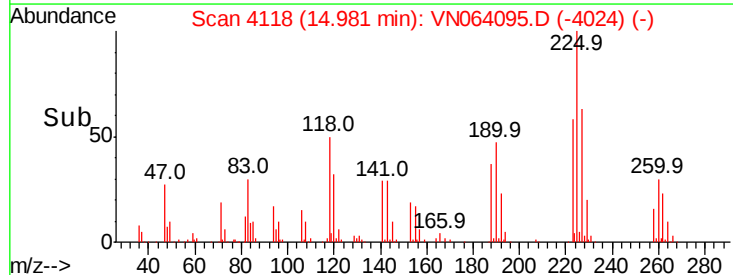
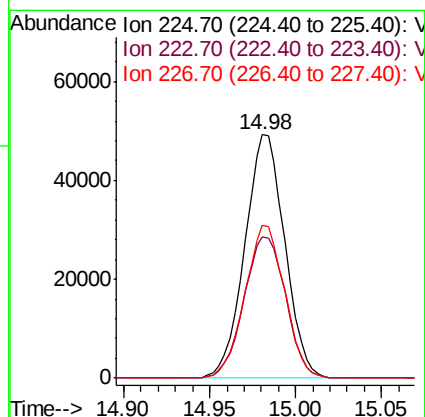
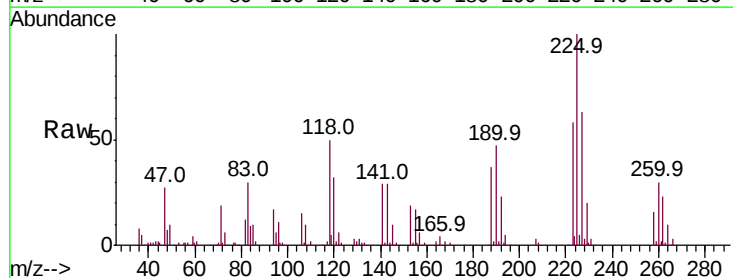
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

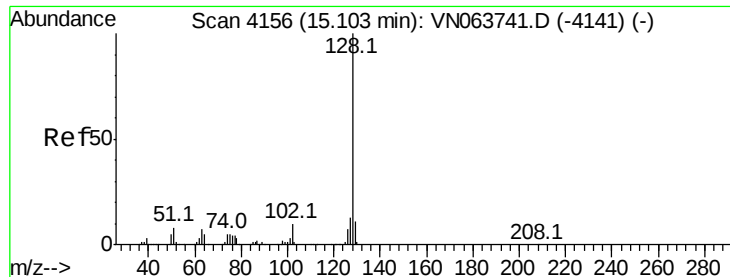
Tot Ion:180 Resp: 147754
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.2 144.6
 145 32.6 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 47.879 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064095.D
 Acq: 12 Oct 2020 22:14

Tgt Ion:225 Resp: 79438
 Ion Ratio Lower Upper
 225 100
 223 60.6 30.3 91.0
 227 62.7 31.9 95.5





#95

Naphthalene

Concen: 47.493 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

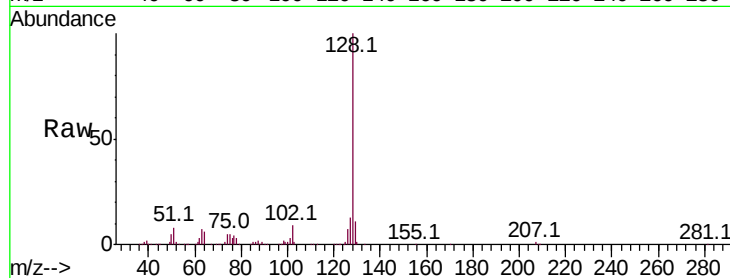
Tot Ion:128 Resp: 487956

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

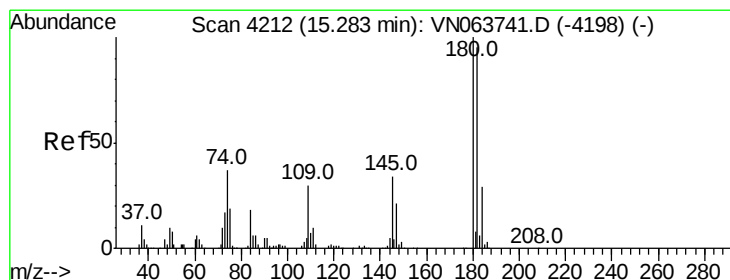
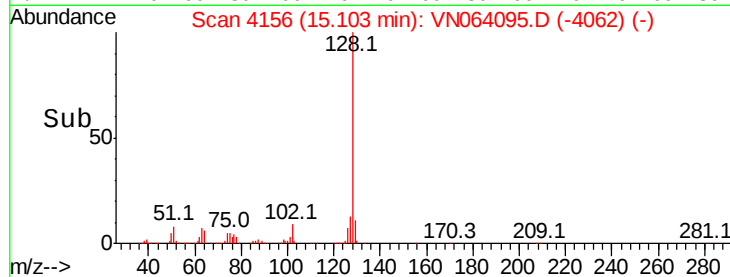
300000 15.10

200000

100000

0

Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 47.192 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064095.D

Acq: 12 Oct 2020 22:14

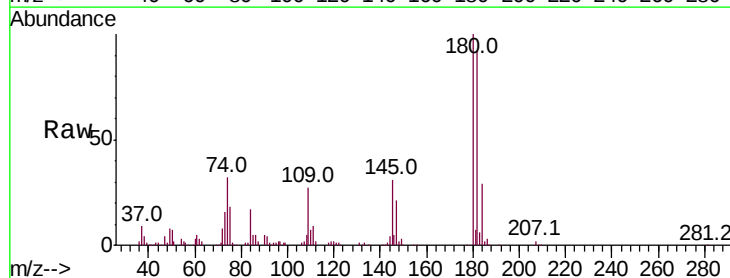
Tgt Ion:180 Resp: 152014

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 33.8 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

120000 15.28

100000

80000

60000

40000

20000

0

Time--> 15.20 15.30

