

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111320\
 Data File : VN064647.D
 Acq On : 13 Nov 2020 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 17 02:00:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	286832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	478315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	253004	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.55	113	175680	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.06	98	653828	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.37	95	248551	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	168781	45.203	ug/l	100
3) Chloromethane	2.04	50	194628	42.915	ug/l	98
4) Vinyl Chloride	2.17	62	213047	45.745	ug/l	97
5) Bromomethane	2.53	94	147130	49.451	ug/l	94
6) Chloroethane	2.68	64	146452	49.116	ug/l	99
7) Trichlorofluoromethane	2.99	101	356981	52.054	ug/l	98
8) Diethyl Ether	3.37	74	125393	51.777	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	157675	48.417	ug/l	100
10) Methyl Iodide	3.91	142	197768	52.263	ug/l	99
11) Tert butyl alcohol	4.75	59	135703	246.296	ug/l	99
12) 1,1-Dichloroethene	3.69	96	146790	47.852	ug/l	94
13) Acrolein	3.57	56	72179	211.197	ug/l	96
14) Allyl chloride	4.27	41	274511	45.745	ug/l	99
15) Acrylonitrile	4.93	53	406794	265.189	ug/l	97
16) Acetone	3.78	43	384062	201.805	ug/l	99
17) Carbon Disulfide	4.01	76	415343	45.276	ug/l	99
18) Methyl Acetate	4.28	43	210953	56.382	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	537533	48.687	ug/l	96
20) Methylene Chloride	4.51	84	180448	47.789	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	163856	47.044	ug/l	98
22) Diisopropyl ether	5.91	45	617065	48.442	ug/l	99
23) Vinyl Acetate	5.85	43	2543017	245.405	ug/l	98
24) 1,1-Dichloroethane	5.80	63	340957	48.710	ug/l	99
25) 2-Butanone	6.79	43	578861	238.719	ug/l	96
26) 2,2-Dichloropropane	6.78	77	281505	44.426	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	192197	47.621	ug/l	97
28) Bromochloromethane	7.15	49	160219	46.567	ug/l	96
29) Tetrahydrofuran	7.17	42	386718	259.942	ug/l	98
30) Chloroform	7.33	83	373717	50.792	ug/l	95
31) Cyclohexane	7.61	56	258704	42.596	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	327298	50.153	ug/l	98
36) 1,1-Dichloropropene	7.75	75	260344	48.773	ug/l	98
37) Ethyl Acetate	6.88	43	257614	47.589	ug/l	99
38) Carbon Tetrachloride	7.73	117	293234	51.401	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	227225	47.487	ug/l	97
40) Benzene	8.00	78	757486	48.293	ug/l	99
41) Methacrylonitrile	7.13	41	121563	51.368	ug/l	90
42) 1,2-Dichloroethane	8.09	62	326377	51.561	ug/l	99
43) Isopropyl Acetate	8.13	43	434000	50.171	ug/l	98
44) Trichloroethene	8.80	130	193479	48.891	ug/l	99
45) 1,2-Dichloropropane	9.08	63	209649	50.093	ug/l	98
46) Dibromomethane	9.17	93	147564	53.561	ug/l	98
47) Bromodichloromethane	9.37	83	311874	52.646	ug/l	99
48) Methyl methacrylate	9.17	41	224454	51.421	ug/l	99
49) 1,4-Dioxane	9.17	88	58562	1018.583	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1374709	272.507	ug/l	99
52) Toluene	10.12	92	491541	51.380	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	317227	50.510	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	332516	49.519	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	196135	52.569	ug/l	98
56) Ethyl methacrylate	10.40	69	280852	45.909	ug/l	98
57) 1,3-Dichloropropane	10.68	76	340503	52.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	740765	254.921	ug/l	97
59) 2-Hexanone	10.72	43	996067	242.265	ug/l	99
60) Dibromochloromethane	10.87	129	233101	55.803	ug/l	99
61) 1,2-Dibromoethane	10.98	107	205428	54.283	ug/l	99
64) Tetrachloroethene	10.60	164	179793	48.798	ug/l	97
65) Chlorobenzene	11.41	112	517629	49.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	207782	53.116	ug/l	99
67) Ethyl Benzene	11.48	91	946782	50.762	ug/l	99
68) m/p-Xylenes	11.59	106	703842	104.055	ug/l	98
69) o-Xylene	11.92	106	334754	51.215	ug/l	100
70) Styrene	11.94	104	589251	53.574	ug/l	99
71) Bromoform	12.10	173	151205	51.441	ug/l #	99
73) Isopropylbenzene	12.22	105	880300	46.741	ug/l	100
74) N-amyl acetate	12.04	43	386898	42.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	285205	49.302	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	393208	68.489	ug/l #	100
77) Bromobenzene	12.50	156	214288	46.603	ug/l	99
78) n-propylbenzene	12.57	91	1042554	48.554	ug/l	99
79) 2-Chlorotoluene	12.65	91	646432	47.467	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	763477	49.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	97423	47.380	ug/l	99
82) 4-Chlorotoluene	12.75	91	686596	48.142	ug/l	100
83) tert-Butylbenzene	12.97	119	598782	49.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	775941	49.678	ug/l	99
85) sec-Butylbenzene	13.14	105	773738	50.346	ug/l	99
86) p-Isopropyltoluene	13.26	119	706266	51.091	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	384819	48.414	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	382639	46.583	ug/l	99
89) n-Butylbenzene	13.59	91	590833	49.710	ug/l	99
90) Hexachloroethane	13.85	117	137820	51.683	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	380505	49.767	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	61603	53.487	ug/l	99

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QLast Update : Wed Nov 04 12:09:03 2020
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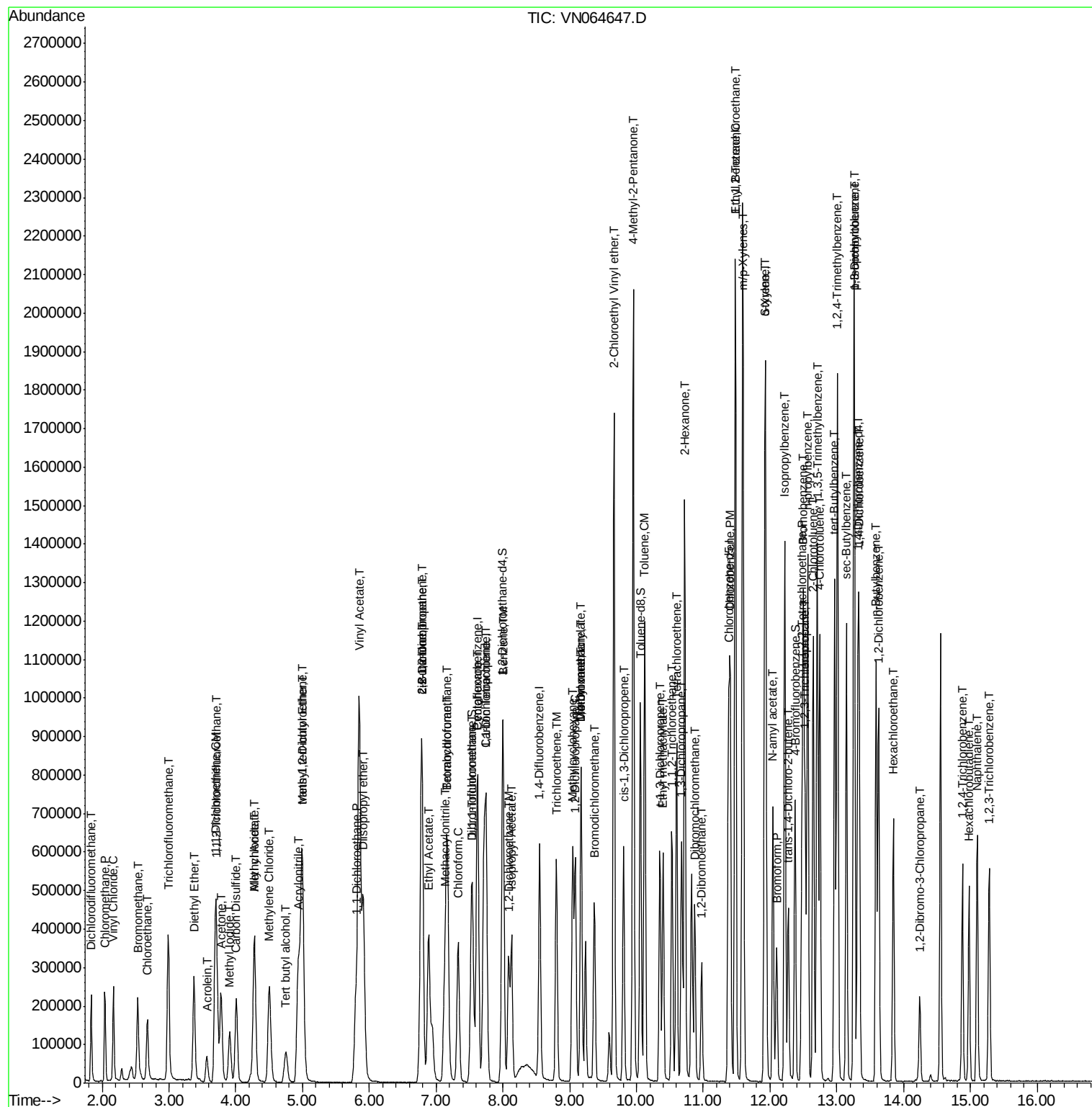
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	162593	43.148	ug/l	99
94) Hexachlorobutadiene	14.98	225	82491	52.992	ug/l	99
95) Naphthalene	15.10	128	520619	40.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	166859	45.618	ug/l	98

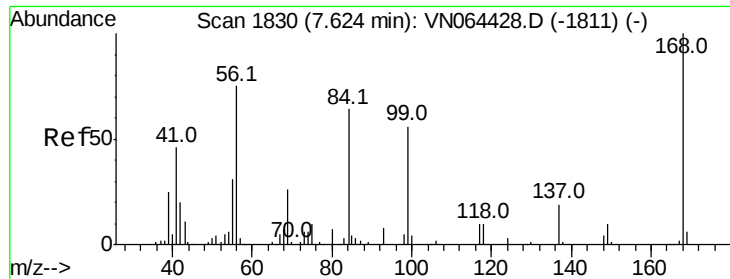
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111320\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

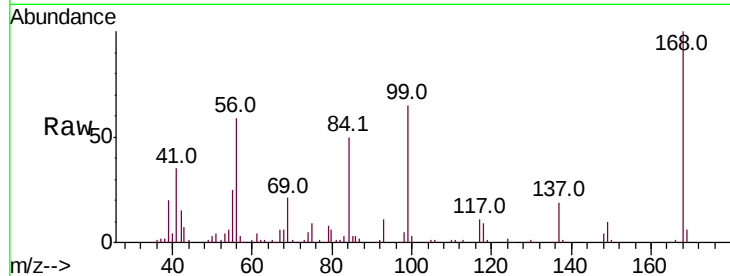
VSTDCCC050EC

Tot Ion:168 Resp: 286832

Ion Ratio Lower Upper

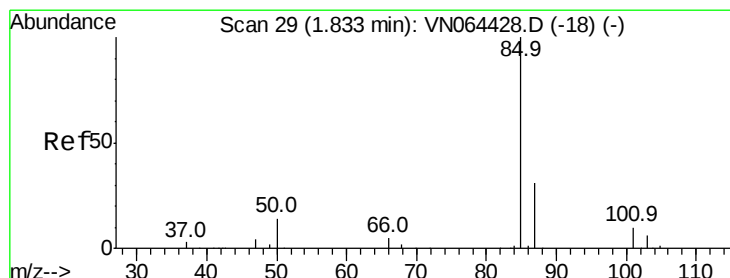
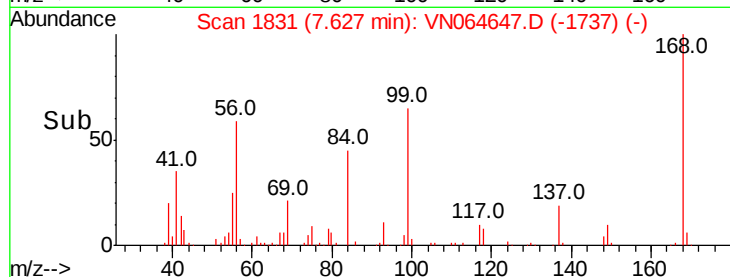
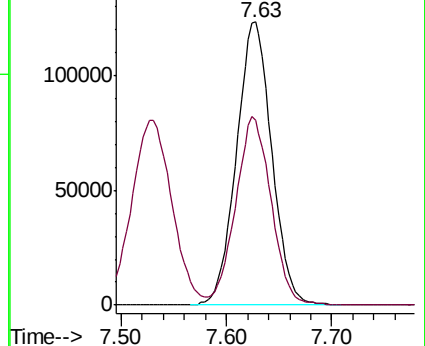
168 100

99 65.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.203 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064647.D

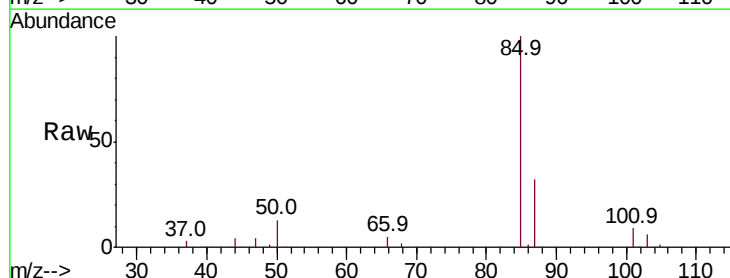
Acq: 13 Nov 2020 21:59

Tgt Ion: 85 Resp: 168781

Ion Ratio Lower Upper

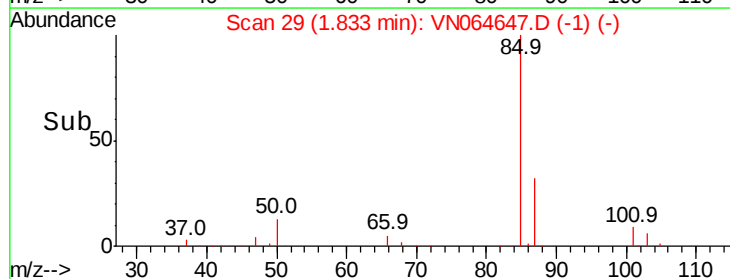
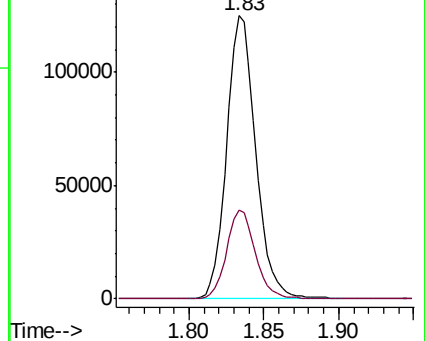
85 100

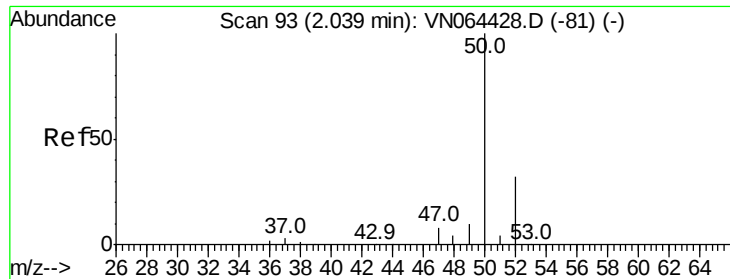
87 31.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.915 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

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ClientSampleId :

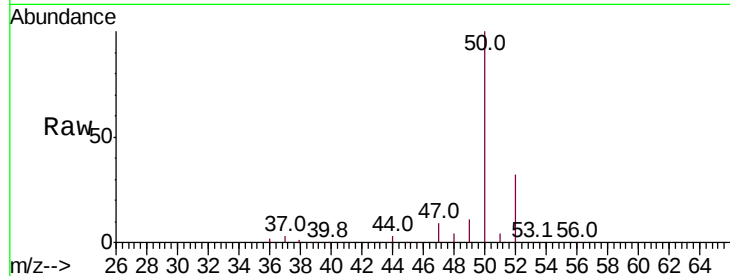
VSTDCCC050EC

Tot Ion: 50 Resp: 194628

Ion Ratio Lower Upper

50 100

52 32.5 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

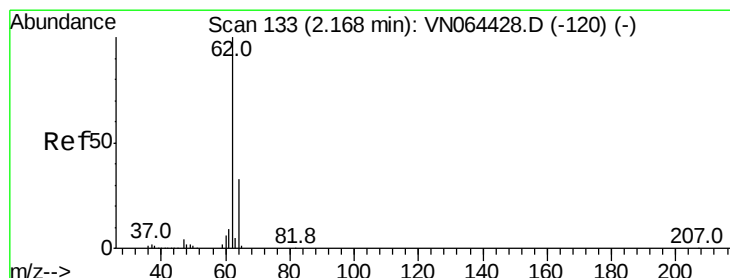
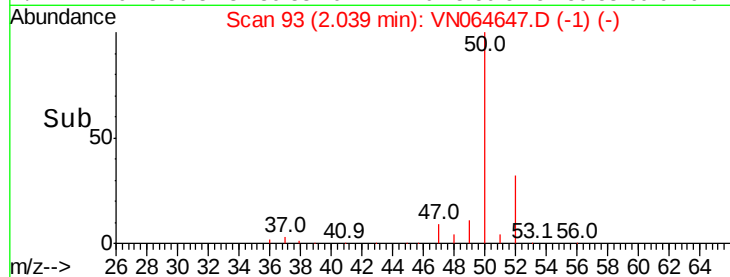
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 45.745 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064647.D

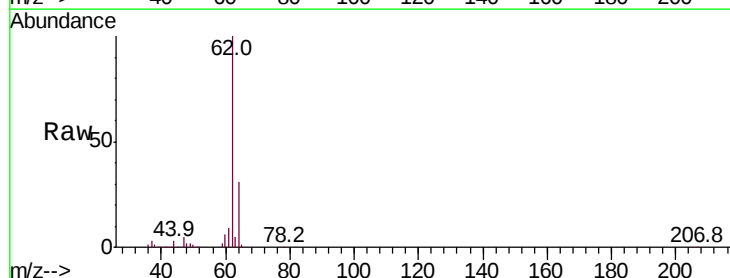
Acq: 13 Nov 2020 21:59

Tgt Ion: 62 Resp: 213047

Ion Ratio Lower Upper

62 100

64 31.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

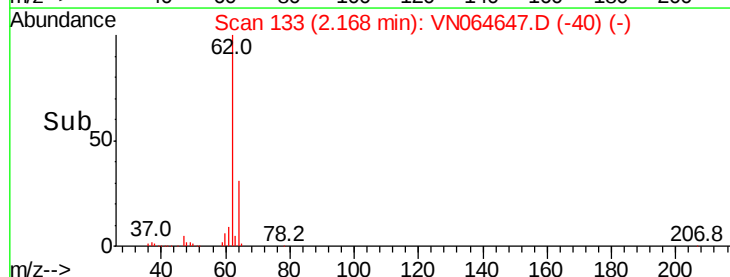
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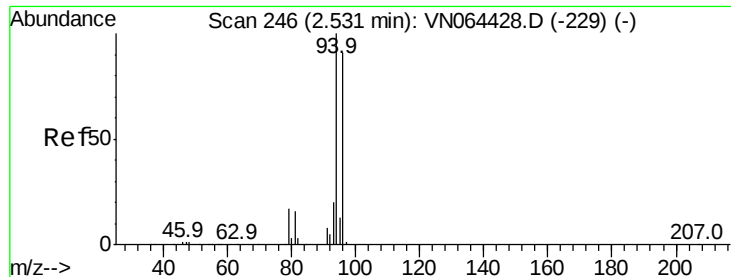
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.451 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

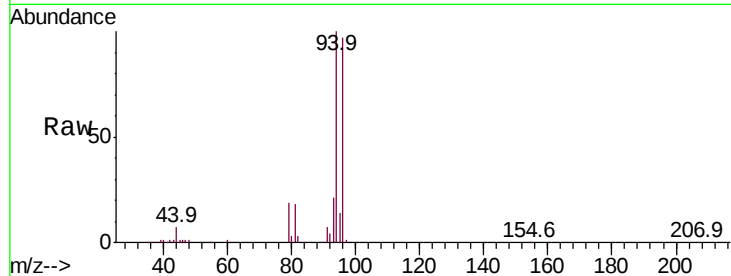
VSTDCCC050EC

Tot Ion: 94 Resp: 147130

Ion Ratio Lower Upper

94 100

96 96.8 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

80000

60000

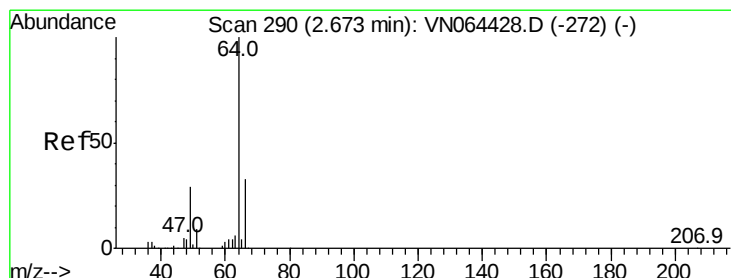
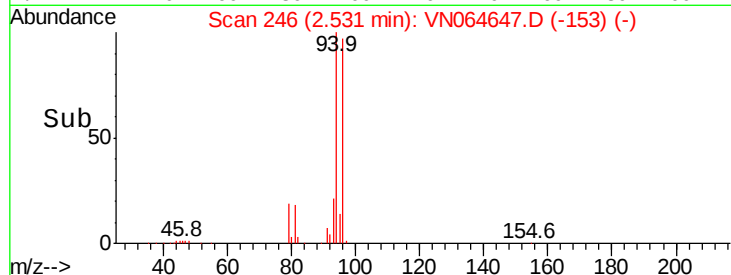
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20000

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Time-->

2.50 2.60



#6

Chloroethane

Concen: 49.116 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064647.D

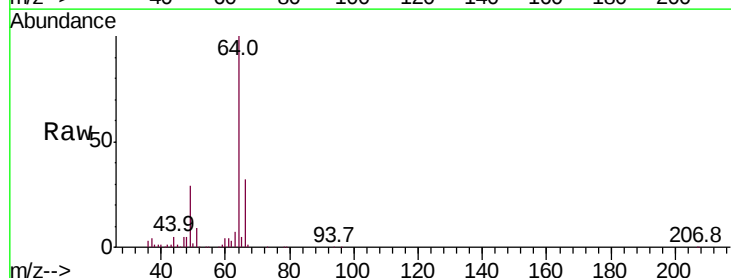
Acq: 13 Nov 2020 21:59

Tgt Ion: 64 Resp: 146452

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.68

80000

60000

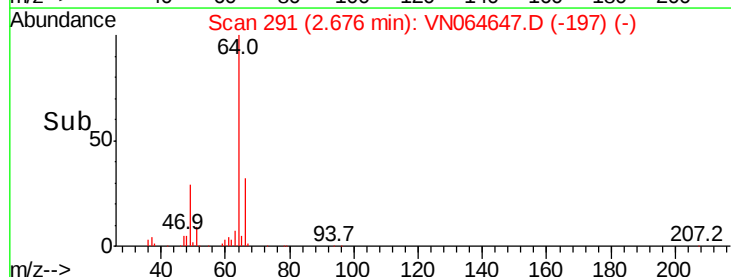
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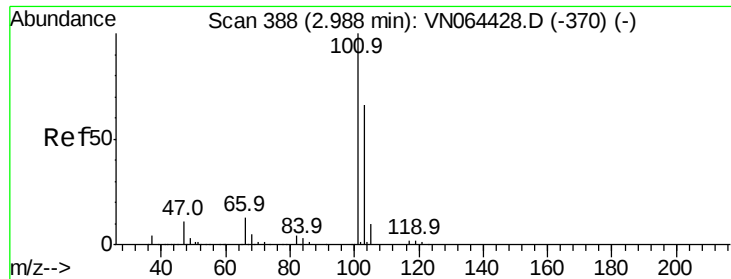
20000

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Time-->

2.60 2.70 2.80



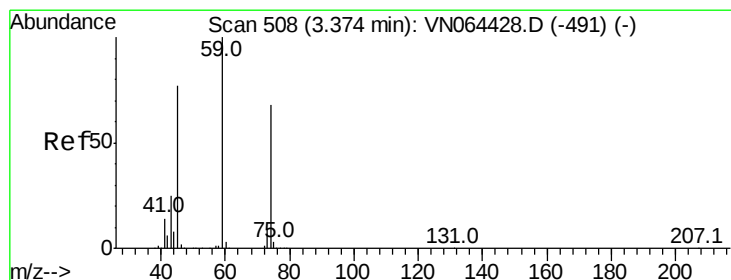
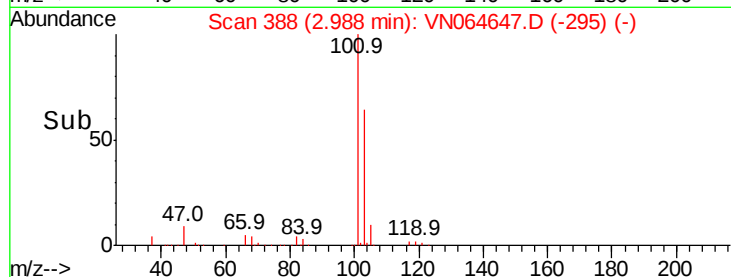
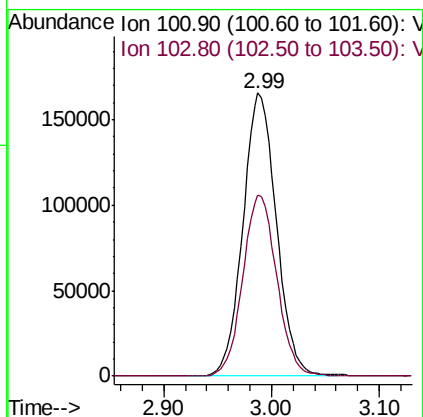
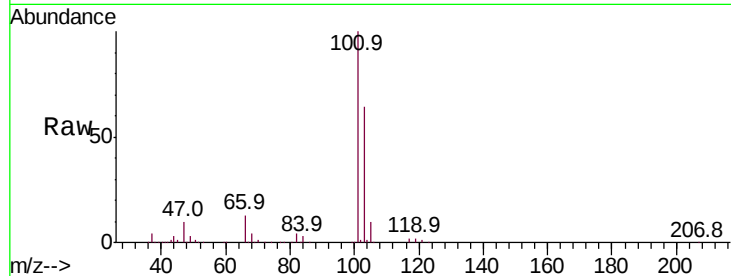


#7

Trichlorofluoromethane
 Concen: 52.054 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064647.D
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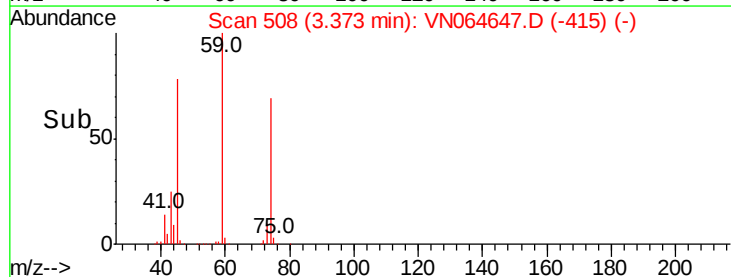
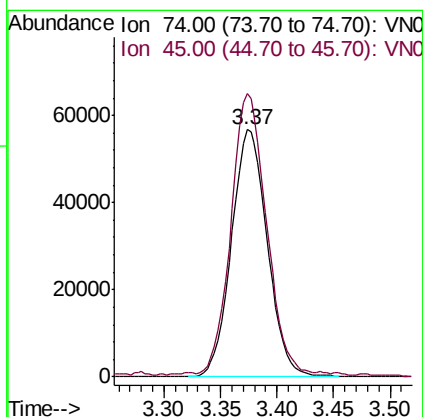
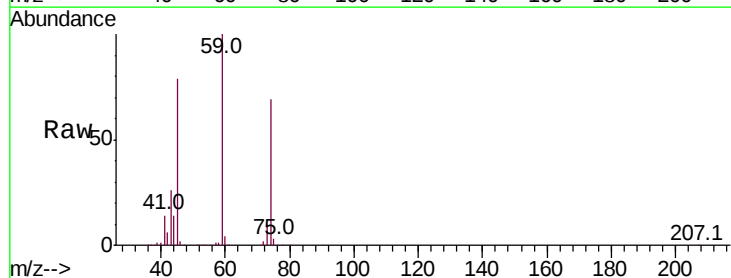
Tot Ion:101 Resp: 356981
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.4 78.6

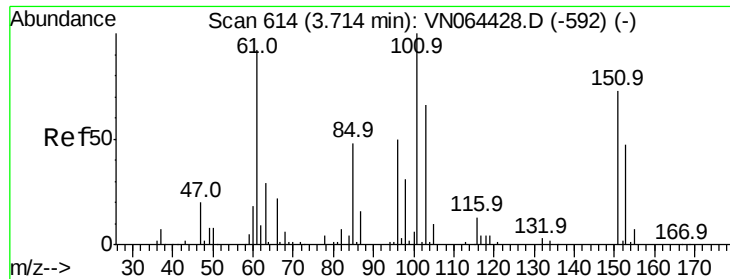


#8

Diethyl Ether
 Concen: 51.777 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 74 Resp: 125393
 Ion Ratio Lower Upper
 74 100
 45 112.3 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.417 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

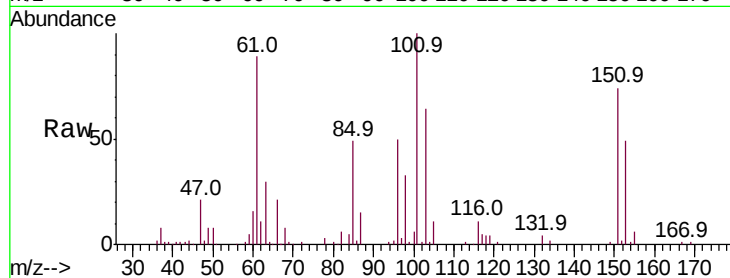
Tot Ion:101 Resp: 157675

Ion Ratio Lower Upper

101 100

85 48.3 38.6 57.8

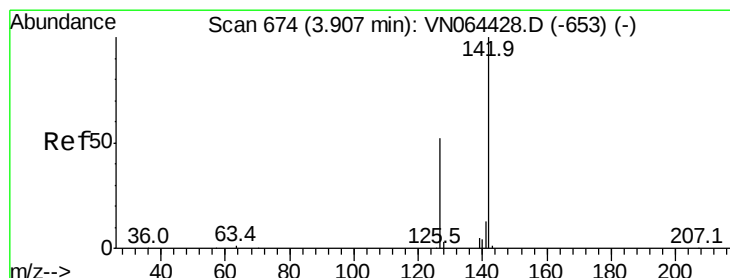
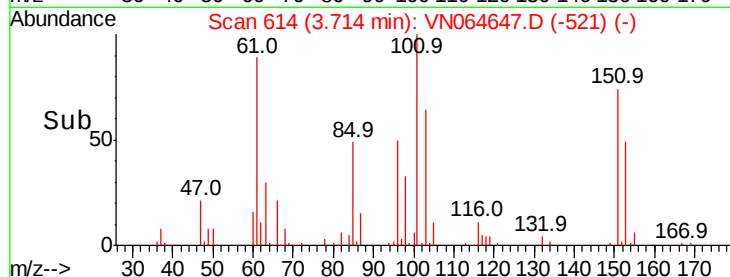
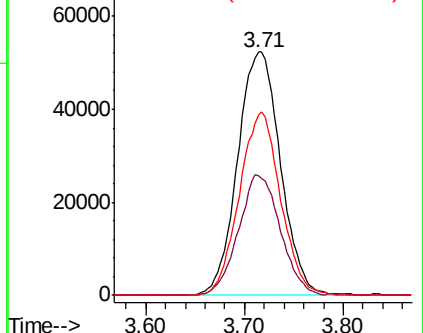
151 72.3 57.5 86.3



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: 52.263 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

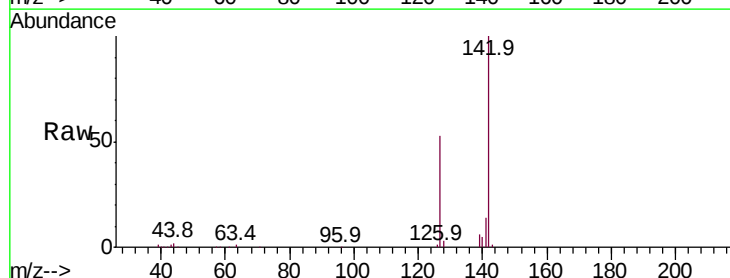
Tgt Ion:142 Resp: 197768

Ion Ratio Lower Upper

142 100

127 52.7 41.8 62.8

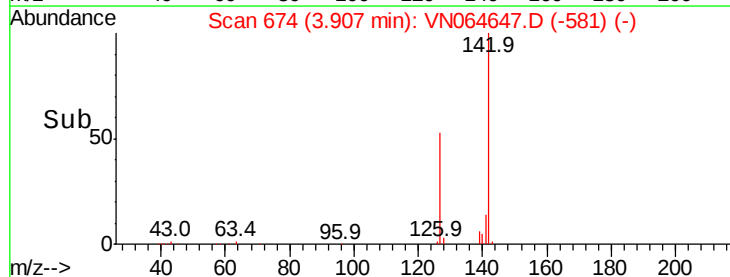
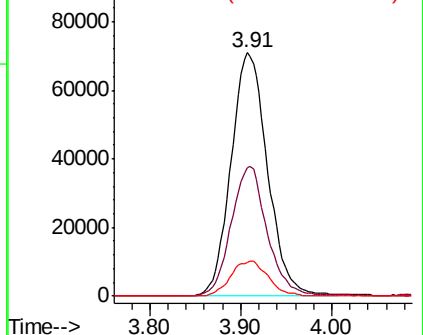
141 14.7 11.4 17.2

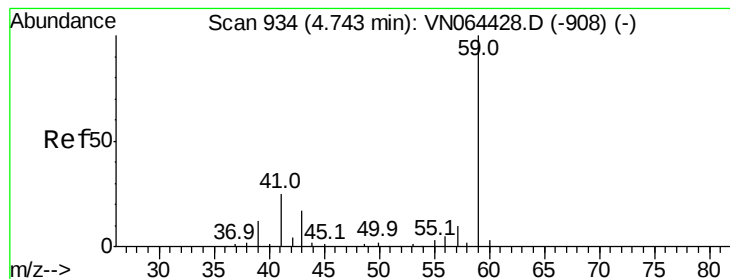


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



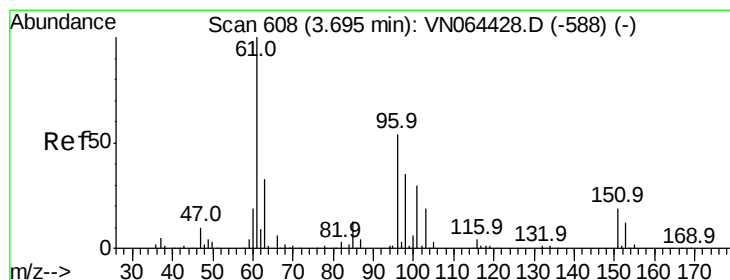
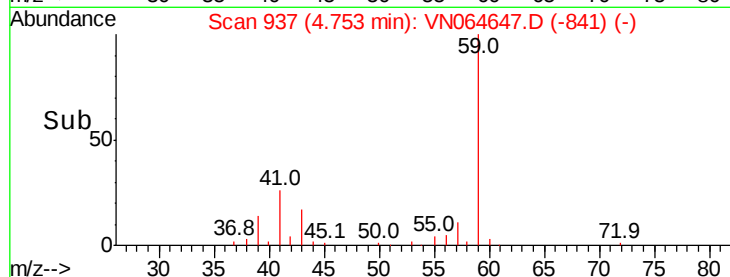
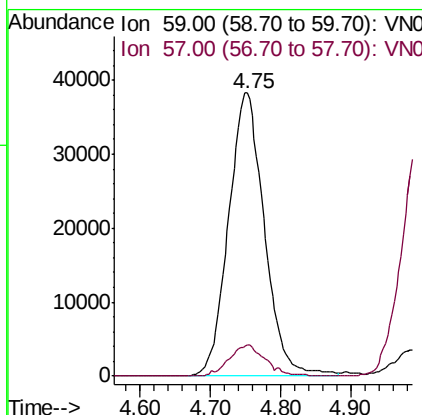
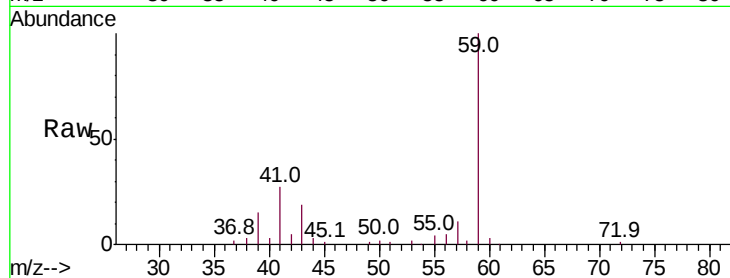


#11

Tert butyl alcohol
Concen: 246.296 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

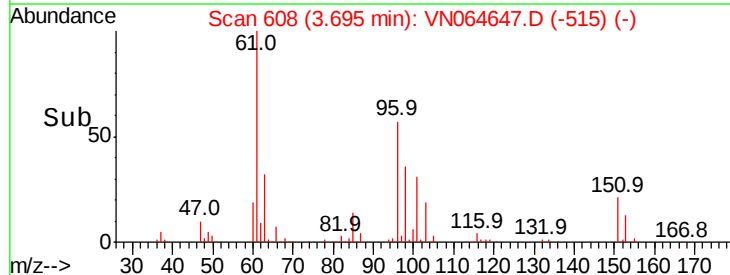
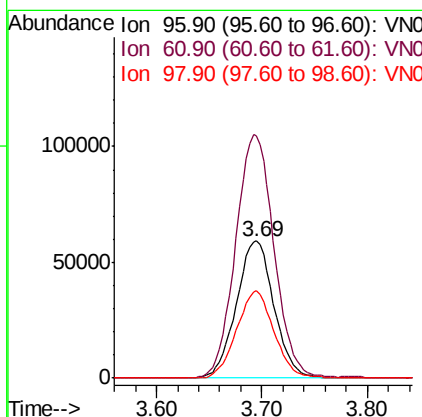
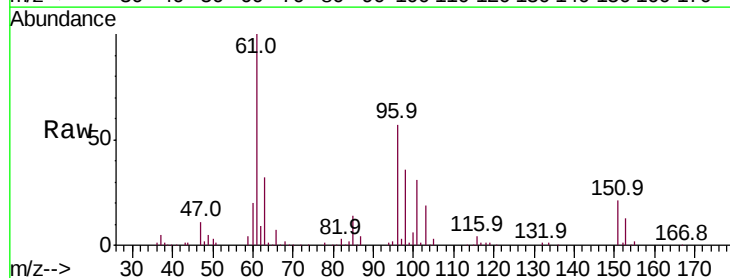
Tot Ion: 59 Resp: 135703
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4

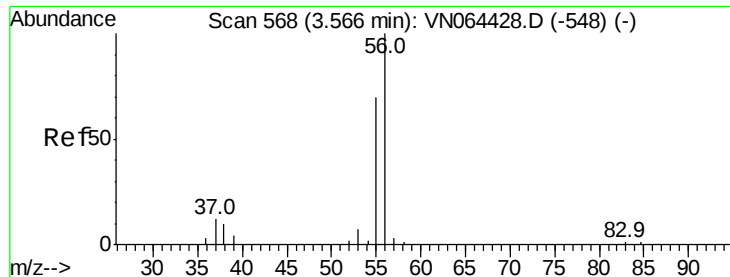


#12

1,1-Dichloroethene
Concen: 47.852 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 96 Resp: 146790
Ion Ratio Lower Upper
96 100
61 176.4 149.5 224.3
98 63.9 52.4 78.6





#13

Acrolein

Concen: 211.197 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

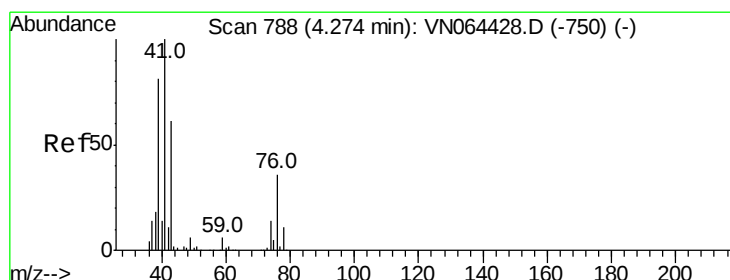
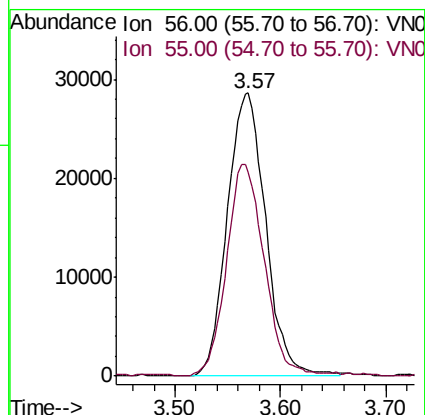
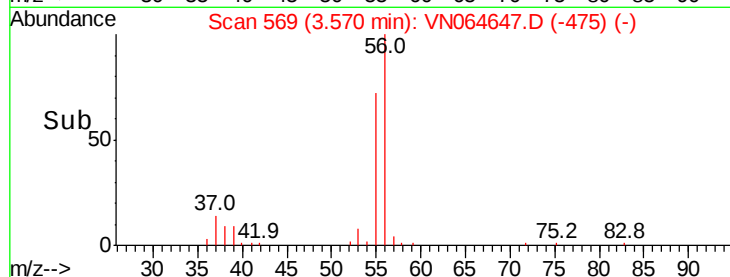
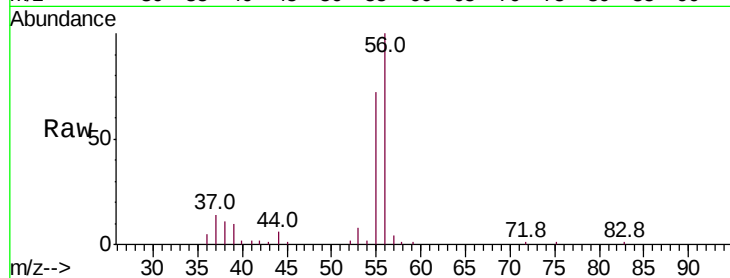
VSTDCCC050EC

Tot Ion: 56 Resp: 72179

Ion Ratio Lower Upper

56 100

55 73.5 55.9 83.9



#14

Allyl chloride

Concen: 45.745 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

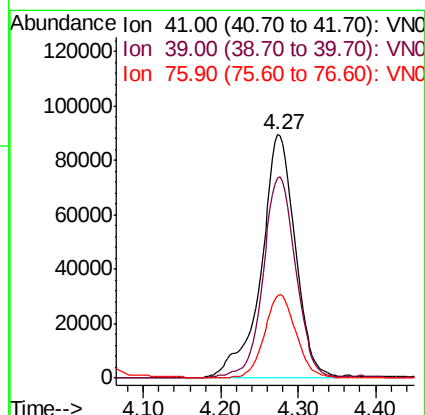
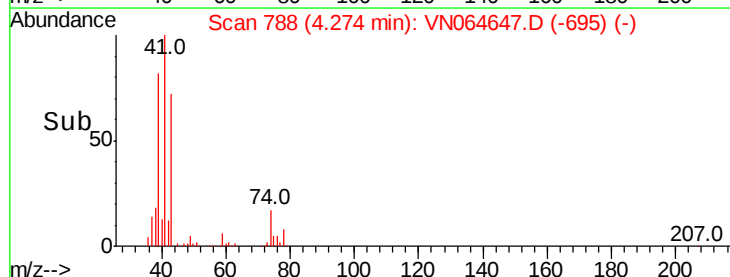
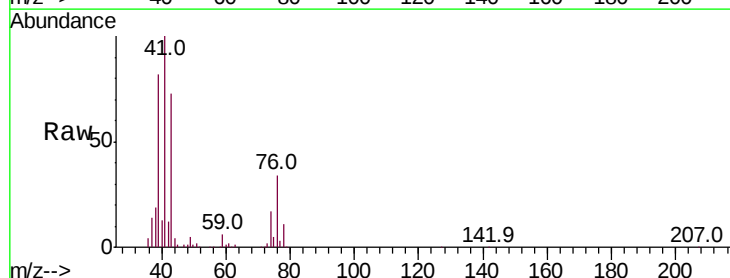
Tgt Ion: 41 Resp: 274511

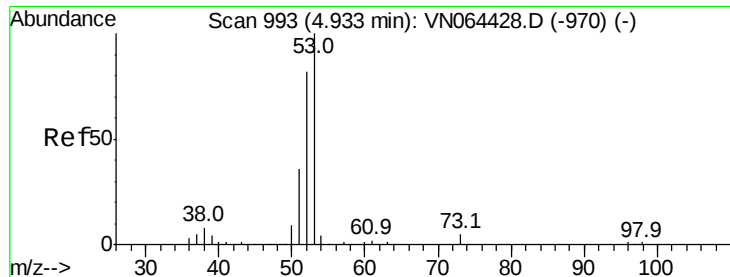
Ion Ratio Lower Upper

41 100

39 78.5 61.8 92.8

76 30.9 25.4 38.0





#15

Acrylonitrile

Concen: 265.189 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

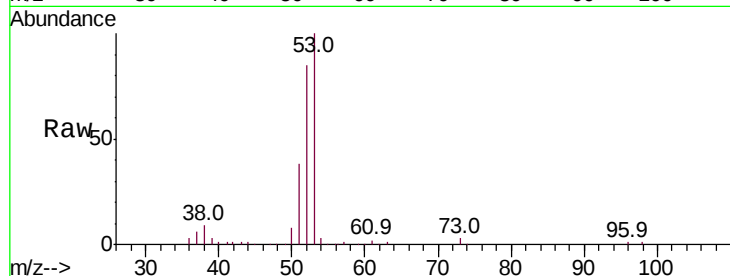
Tot Ion: 53 Resp: 406794

Ion Ratio Lower Upper

53 100

52 84.4 65.6 98.4

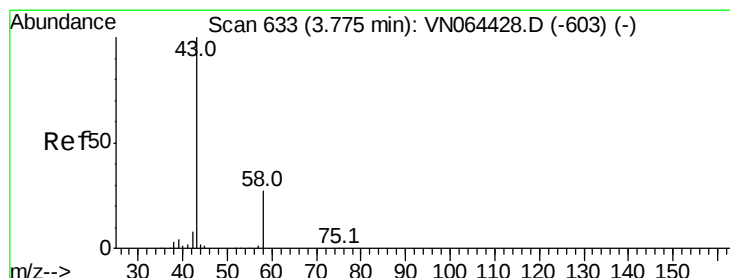
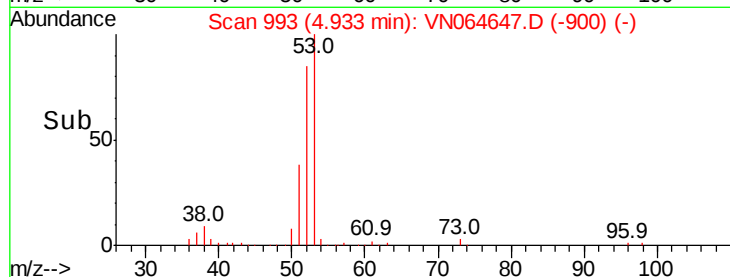
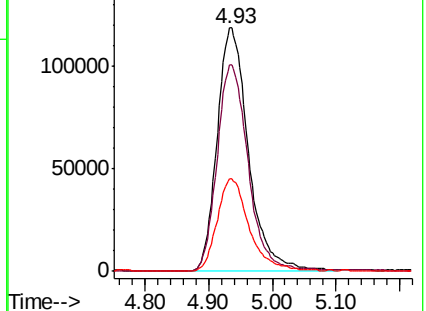
51 39.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)



#16

Acetone

Concen: 201.805 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064647.D

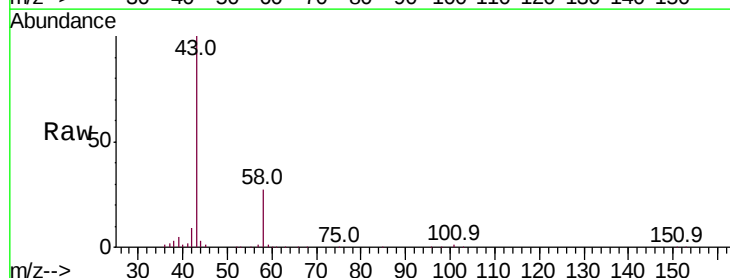
Acq: 13 Nov 2020 21:59

Tgt Ion: 43 Resp: 384062

Ion Ratio Lower Upper

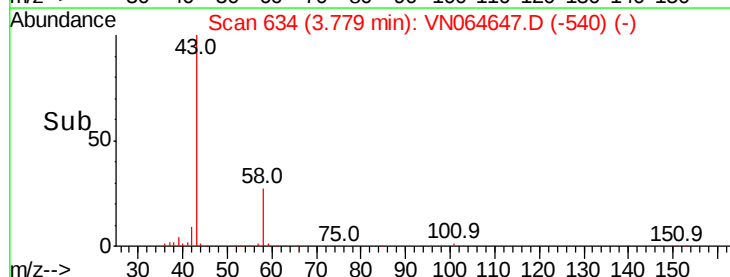
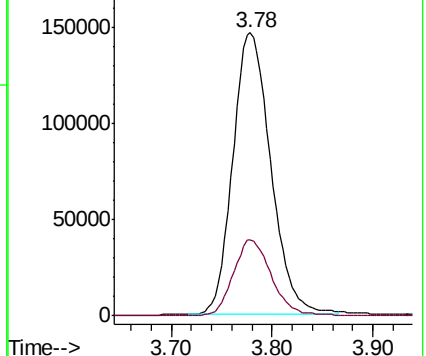
43 100

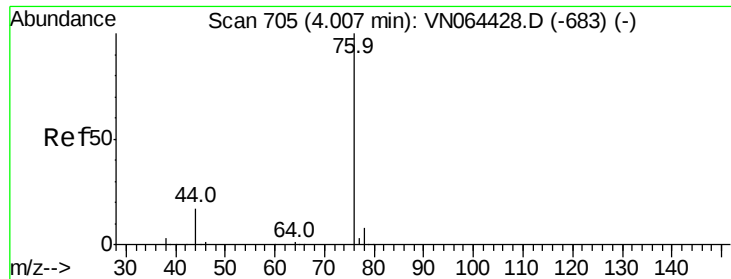
58 27.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

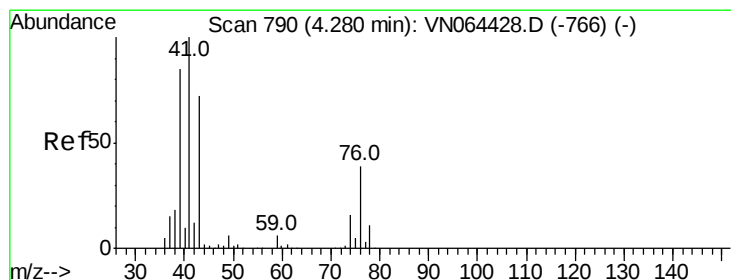
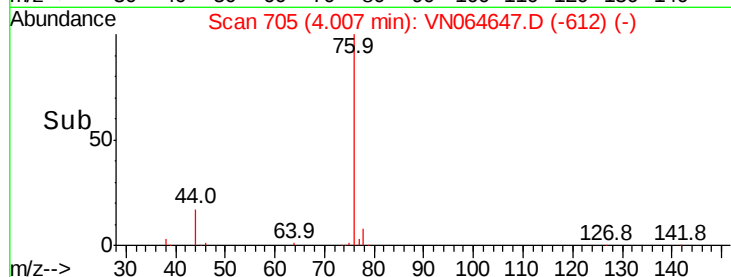
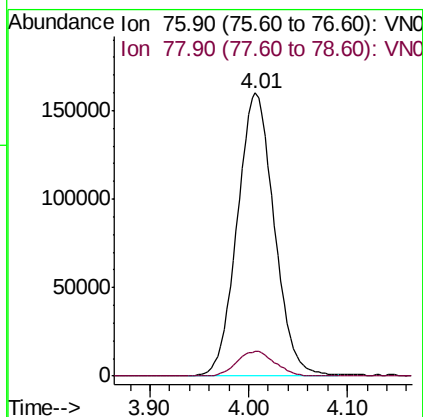
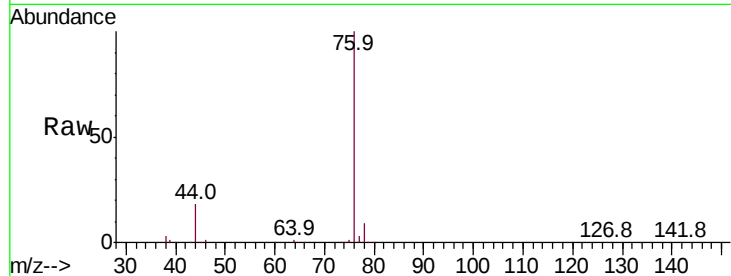




#17
Carbon Disulfide
Concen: 45.276 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

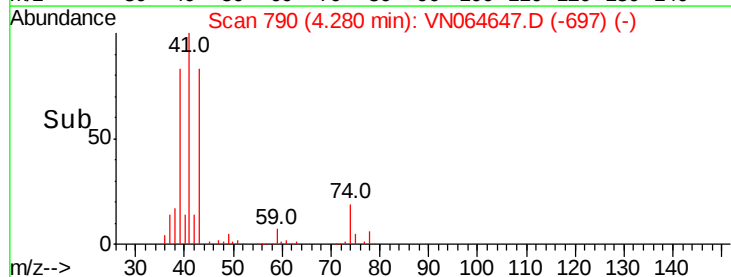
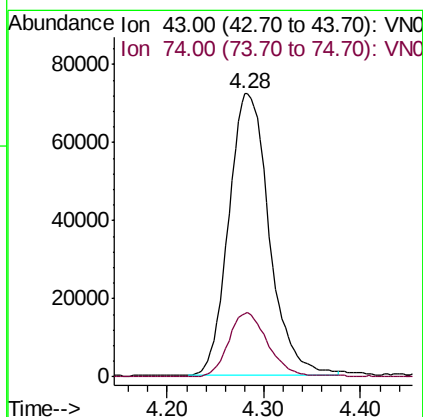
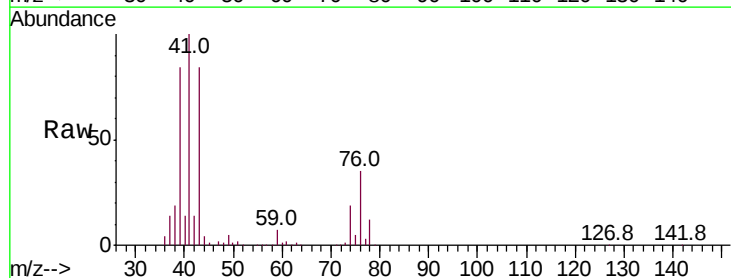
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

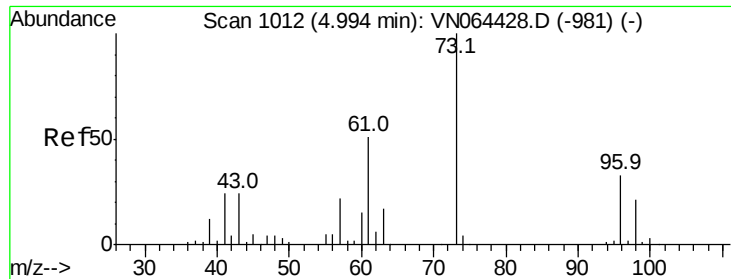
Tot Ion: 76 Resp: 415343
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 56.382 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 43 Resp: 210953
Ion Ratio Lower Upper
43 100
74 22.0 17.0 25.4

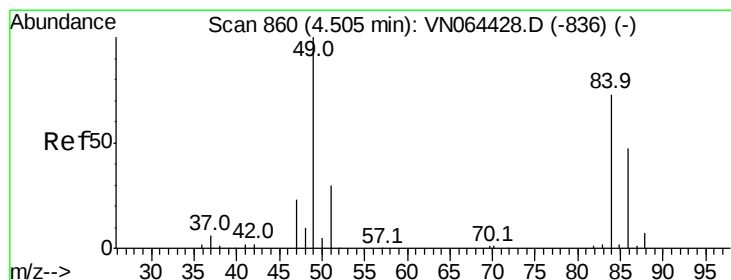
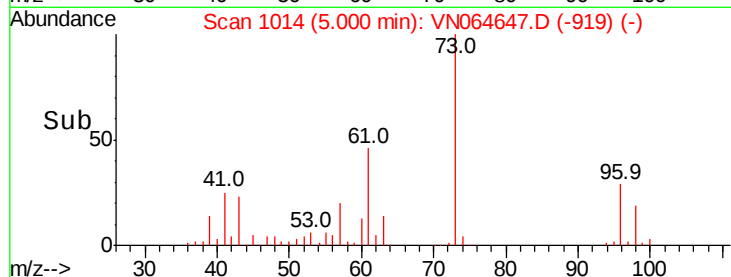
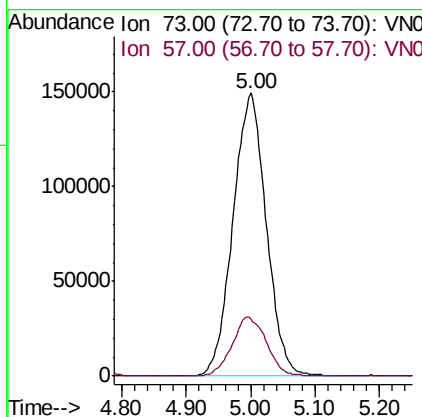
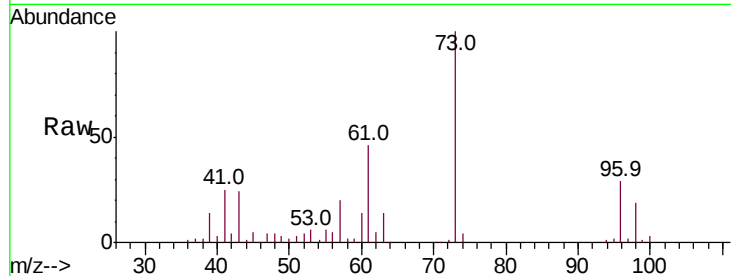




#19
Methvl tert-butvl Ether
Concen: 48.687 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

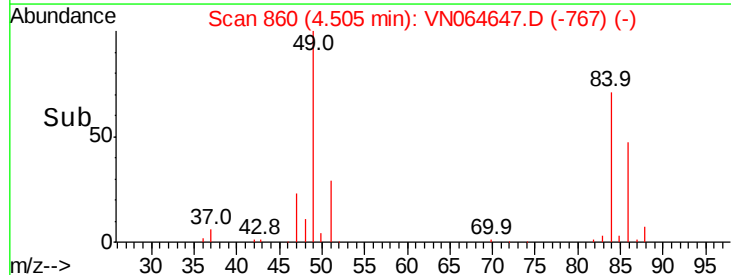
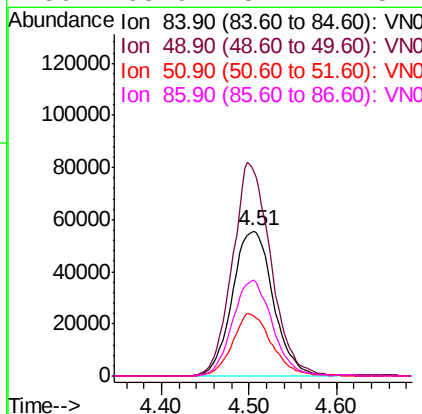
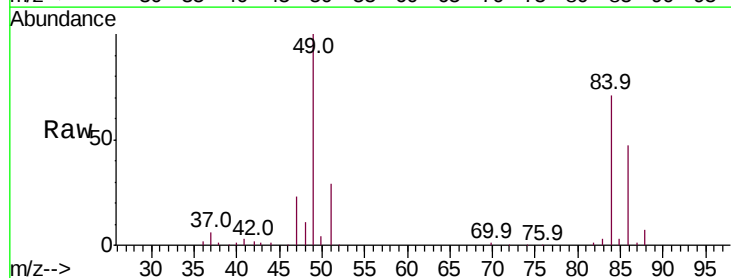
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

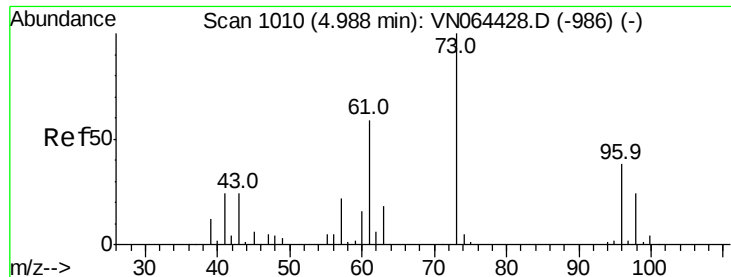
Tot Ion: 73 Resp: 537533
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 47.789 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 84 Resp: 180448
Ion Ratio Lower Upper
84 100
49 141.1 110.1 165.1
51 41.2 33.6 50.4
86 65.9 52.1 78.1

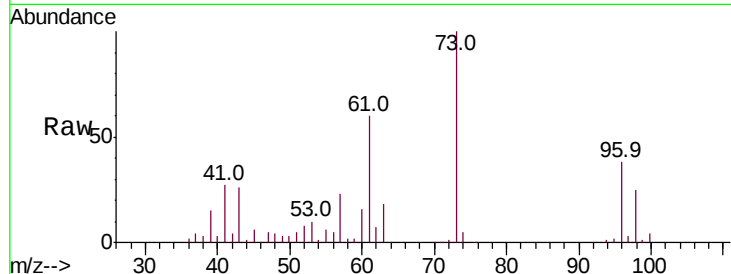




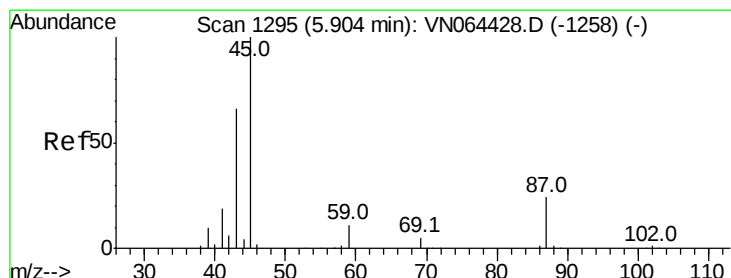
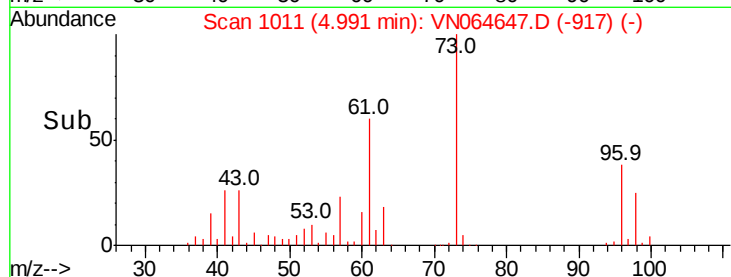
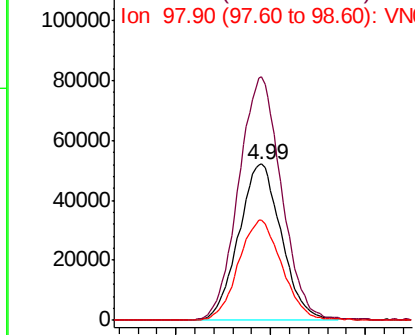
#21
trans-1,2-Dichloroethene
Concen: 47.044 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 163856
Ion Ratio Lower Upper
96 100
61 155.5 122.4 183.6
98 64.2 50.4 75.6

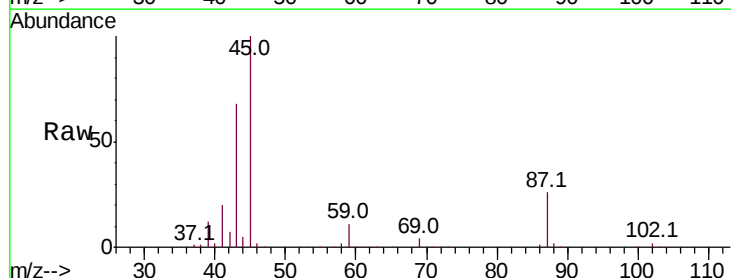


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

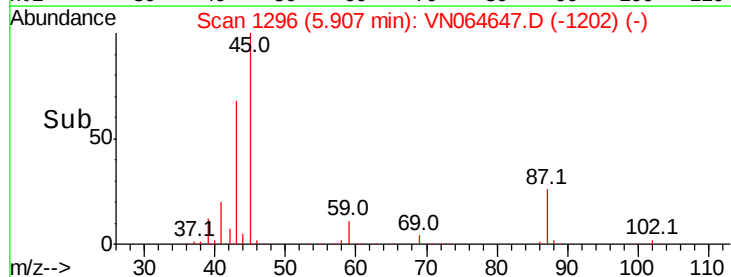
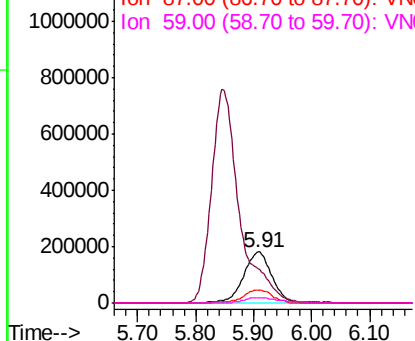


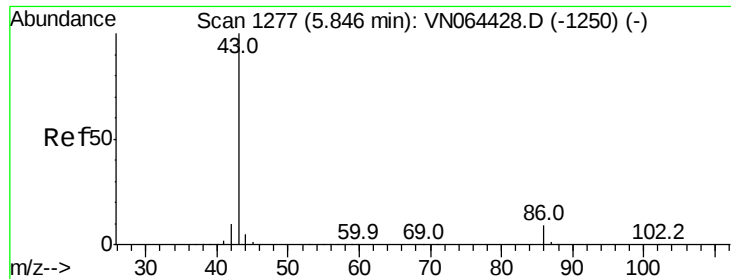
#22
Diisopropyl ether
Concen: 48.442 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 45 Resp: 617065
Ion Ratio Lower Upper
45 100
43 66.3 53.2 79.8
87 25.9 19.9 29.9
59 11.1 8.6 13.0



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

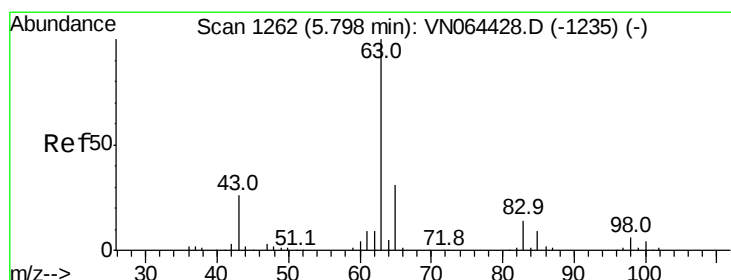
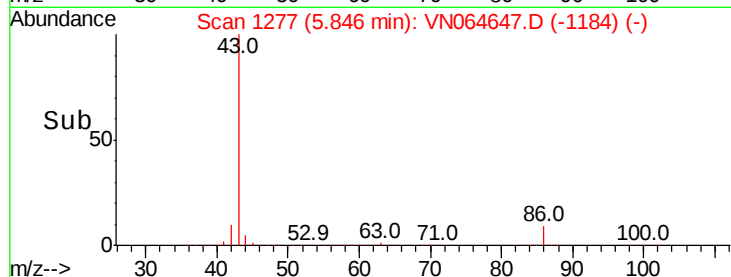
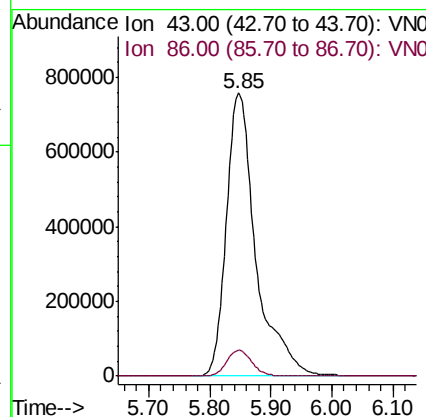
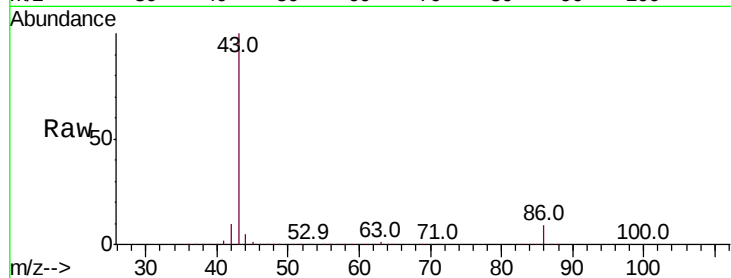




#23
 Vinyl Acetate
 Concen: 245.405 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

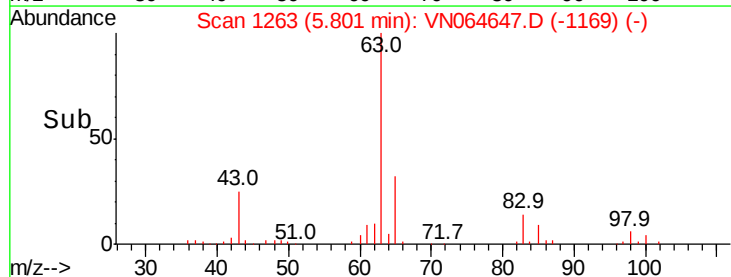
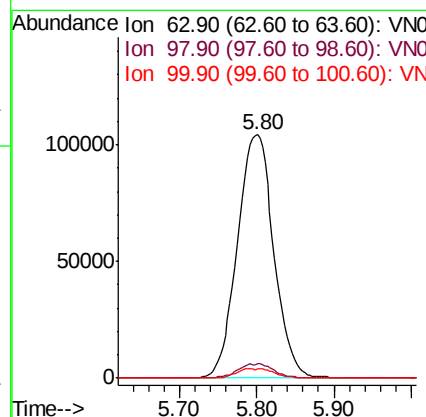
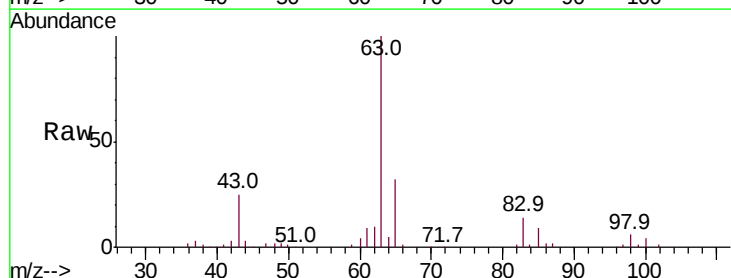
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

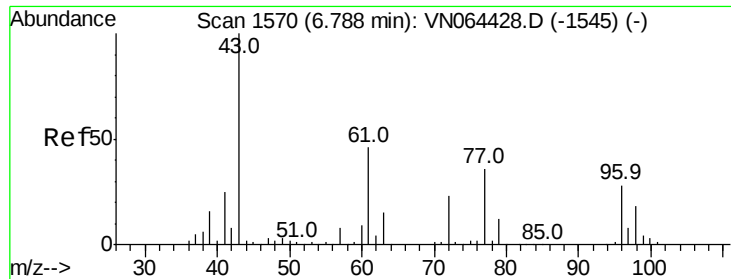
Tot Ion: 43 Resp: 2543017
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 48.710 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 63 Resp: 340957
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.2
 100 3.6 1.8 5.3





#25

2-Butanone

Concen: 238.719 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

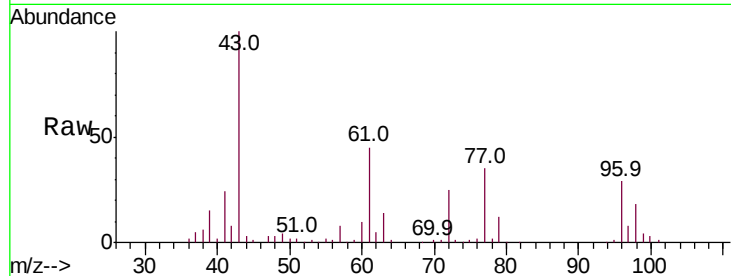
VSTDCCC050EC

Tot Ion: 43 Resp: 578861

Ion Ratio Lower Upper

43 100

72 25.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.79

200000

150000

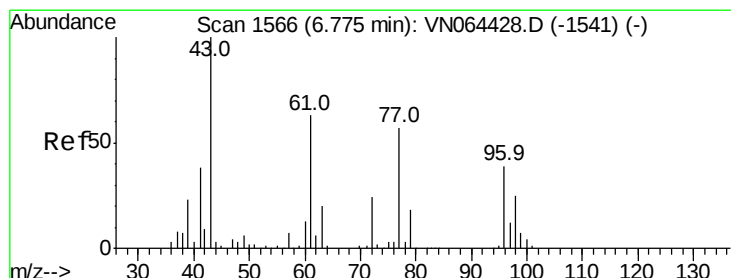
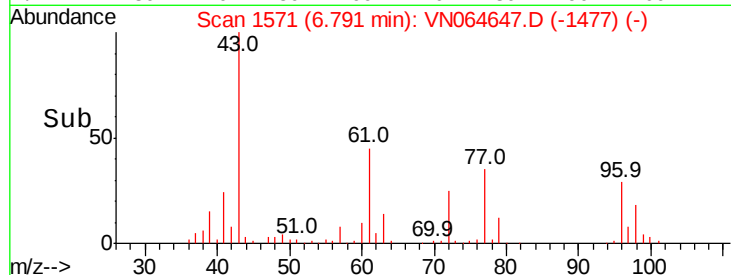
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 44.426 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064647.D

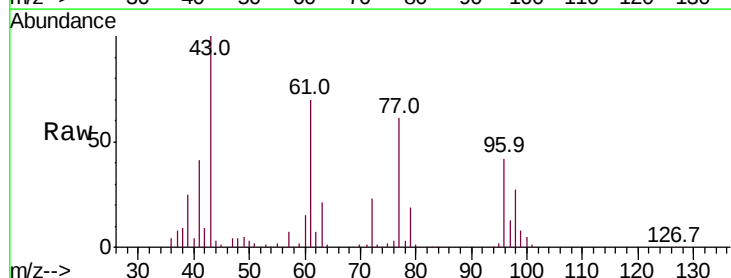
Acq: 13 Nov 2020 21:59

Tgt Ion: 77 Resp: 281505

Ion Ratio Lower Upper

77 100

97 21.5 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.78

100000

80000

60000

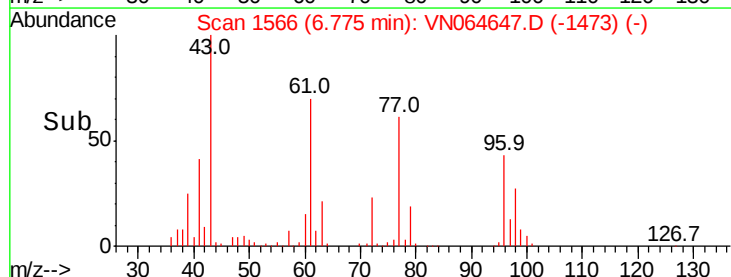
40000

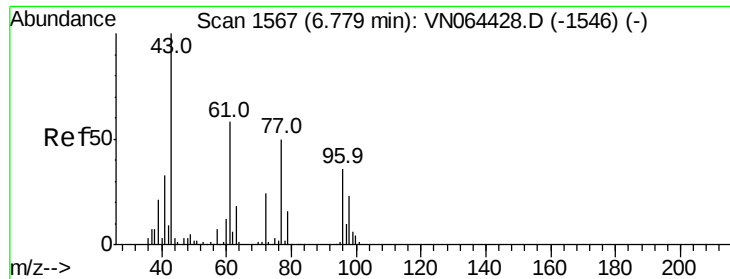
20000

0

6.70 6.75 6.80 6.85

Time-->

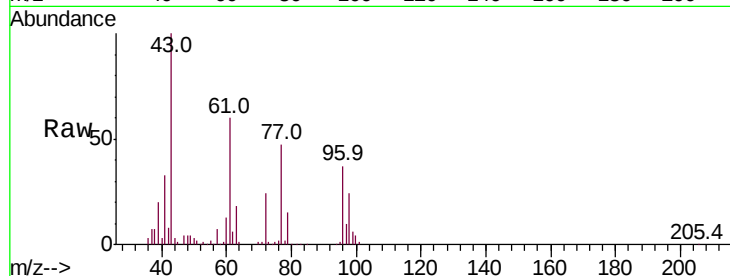




#27
 cis-1,2-Dichloroethene
 Concen: 47.621 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

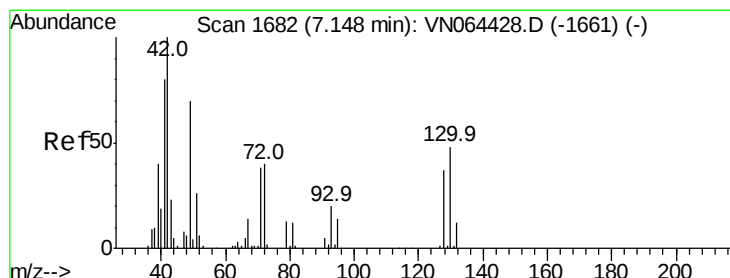
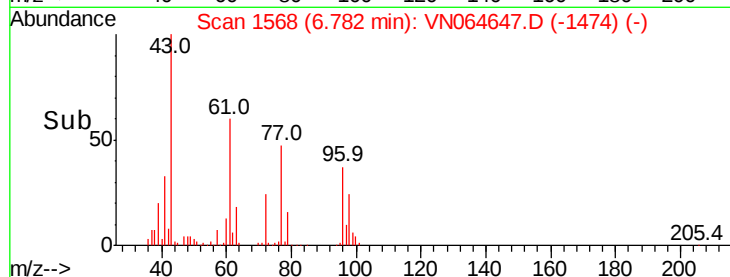
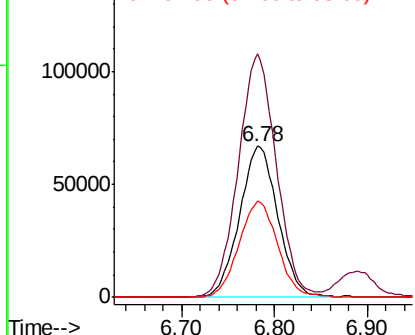
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.0	0.0	329.6
98	64.4	0.0	131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

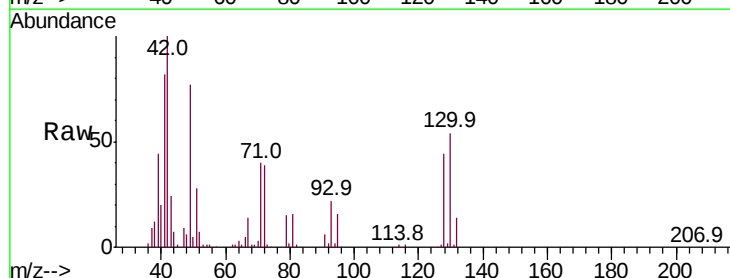
Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#28
 Bromochloromethane
 Concen: 46.567 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

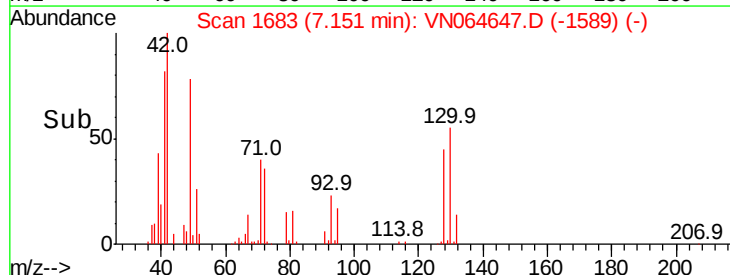
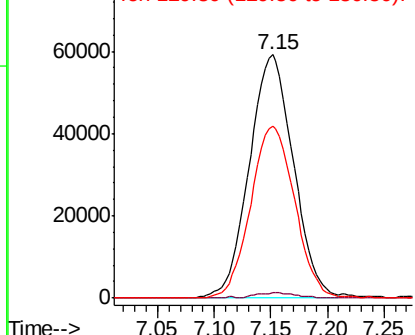
Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	70.8	54.2	81.4

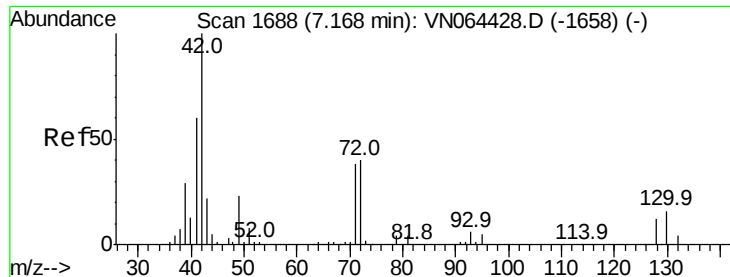


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 259.942 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

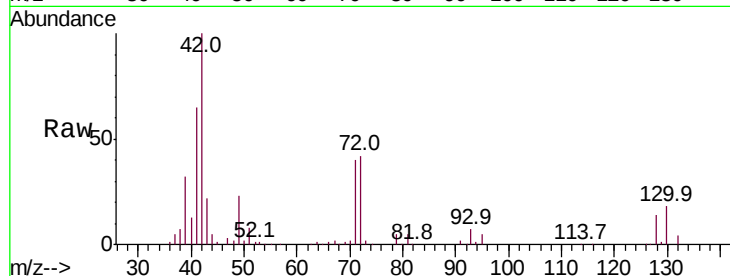
Tot Ion: 42 Resp: 386718

Ion Ratio Lower Upper

42 100

72 40.3 31.7 47.5

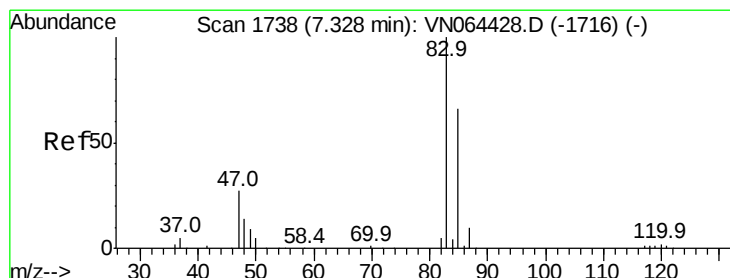
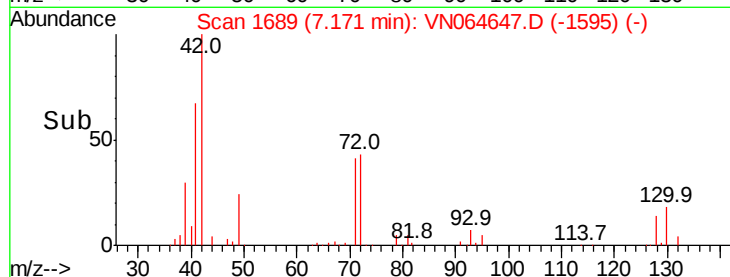
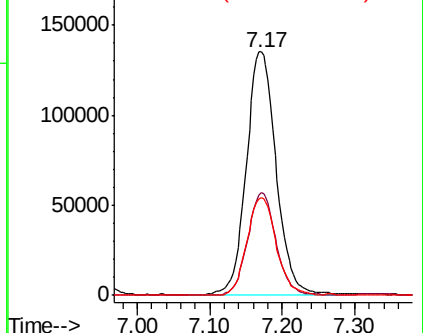
71 39.5 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.792 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064647.D

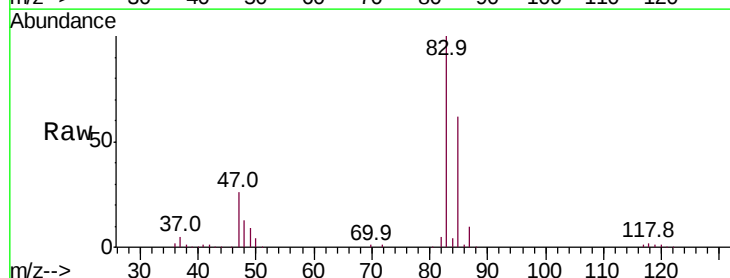
Acq: 13 Nov 2020 21:59

Tgt Ion: 83 Resp: 373717

Ion Ratio Lower Upper

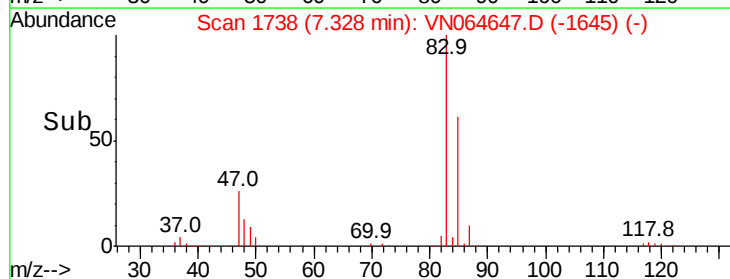
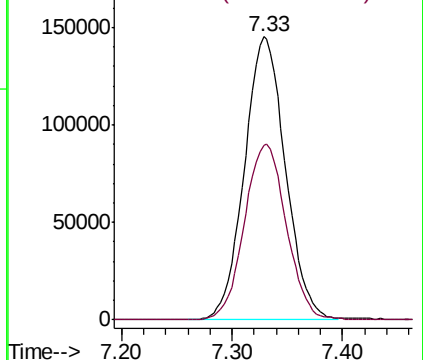
83 100

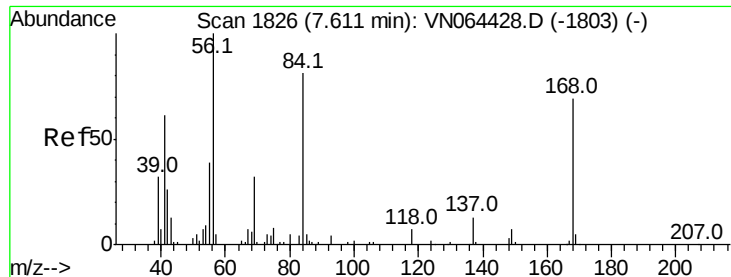
85 61.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 42.596 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

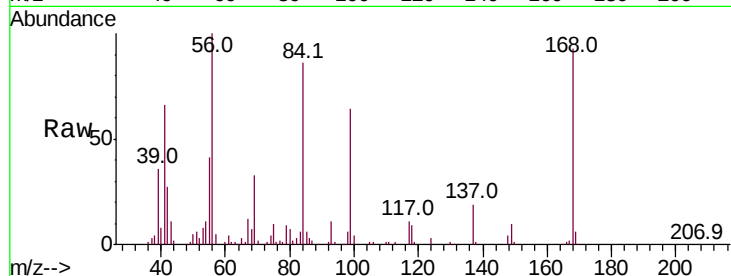
Tot Ion: 56 Resp: 258704

Ion Ratio Lower Upper

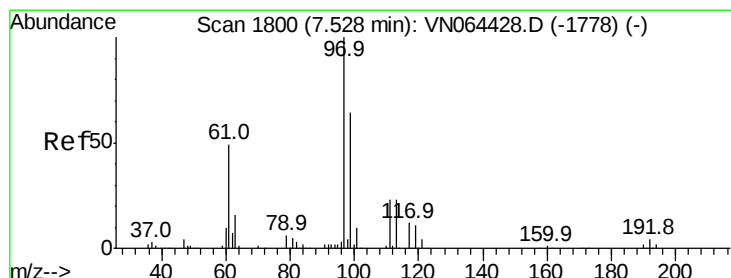
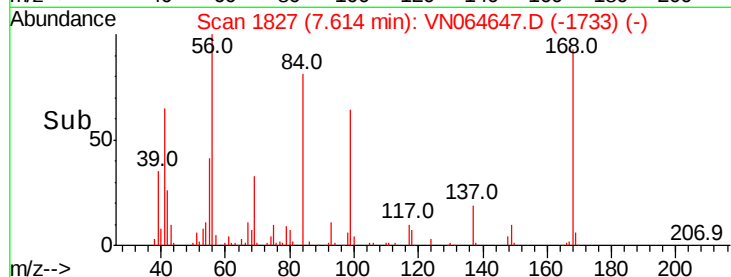
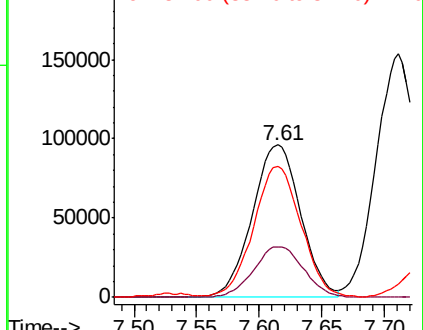
56 100

69 33.0 25.6 38.4

84 84.0 63.0 94.6



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



#32

1,1,1-Trichloroethane

Concen: 50.153 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

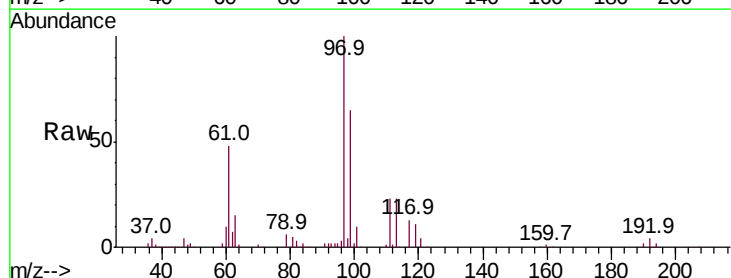
Tgt Ion: 97 Resp: 327298

Ion Ratio Lower Upper

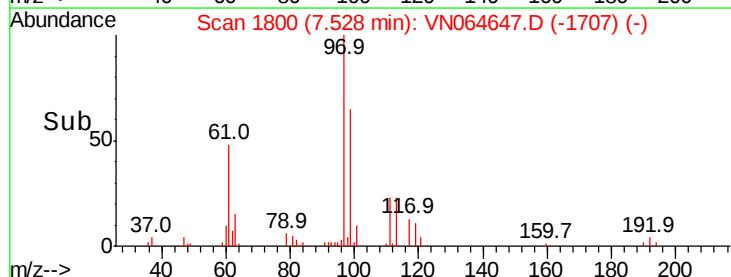
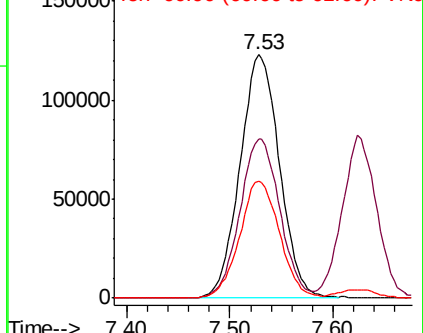
97 100

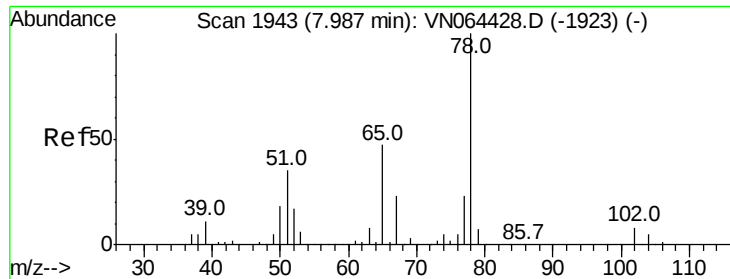
99 66.1 51.3 76.9

61 48.6 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

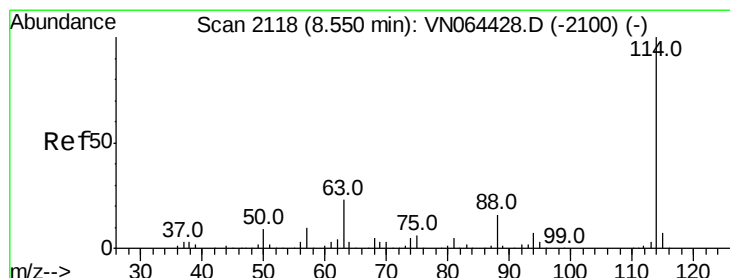
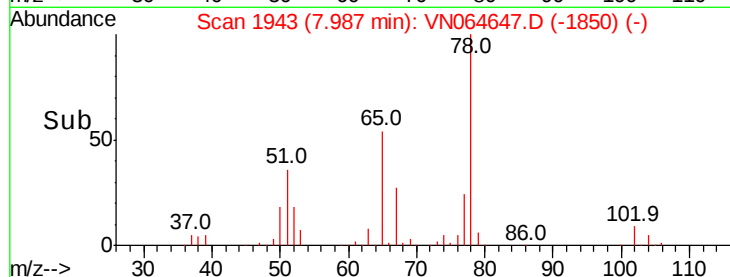
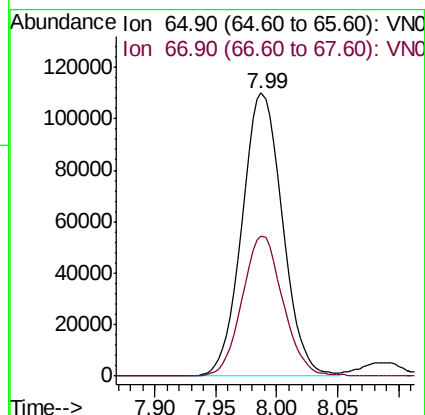
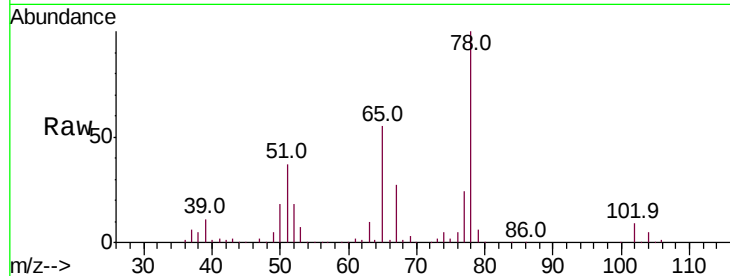




#33
 1,2-Dichloroethane-d4
 Concen: 50.640 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

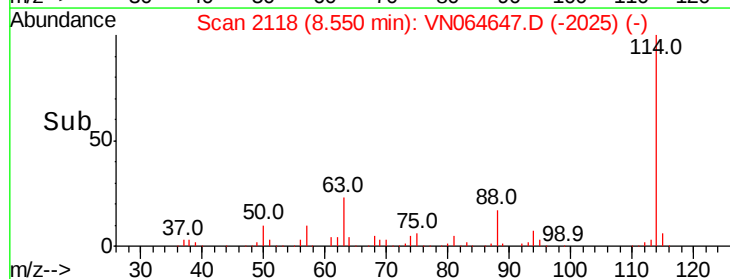
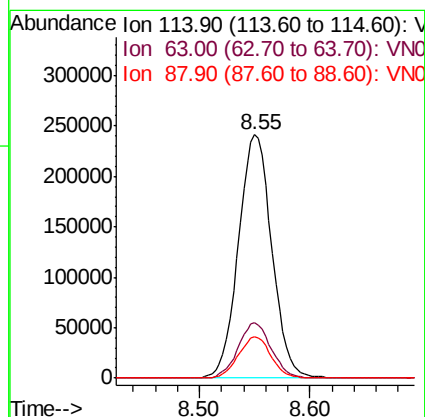
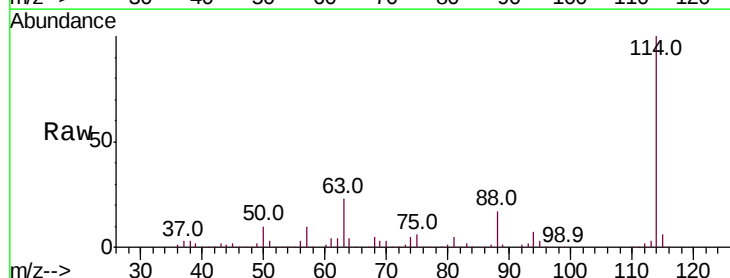
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

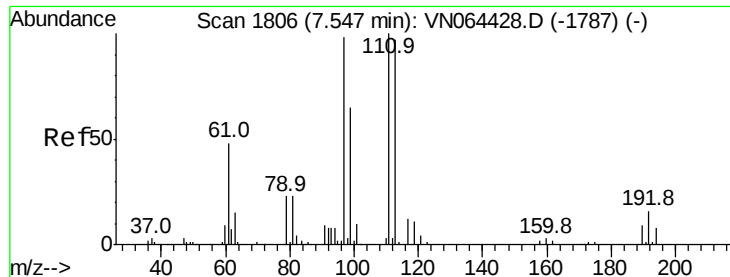
Tot Ion: 65 Resp: 253004
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 114 Resp: 505272
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 16.9 0.0 32.8

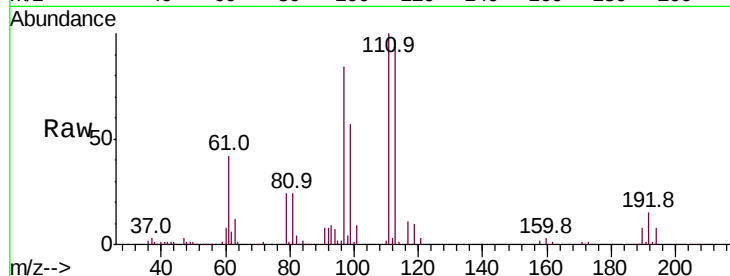




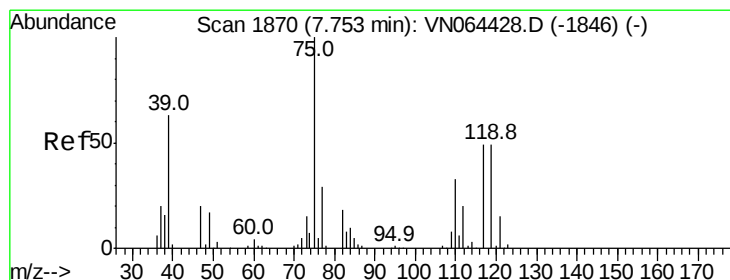
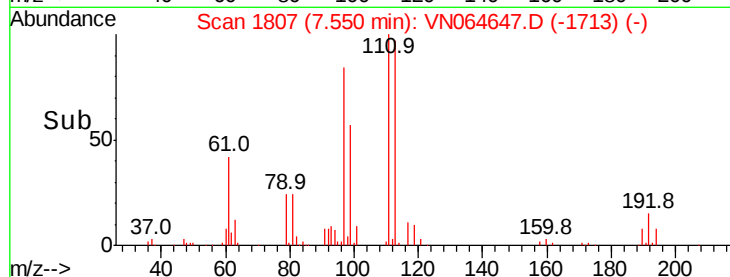
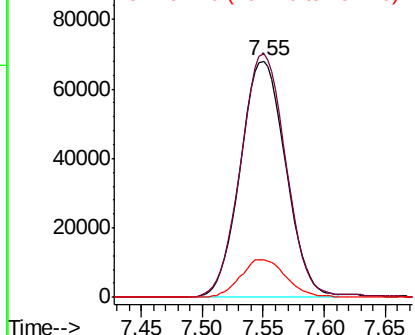
#35
 Dibromofluoromethane
 Concen: 51.067 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 175680
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.1 121.7
 192 16.0 12.8 19.2

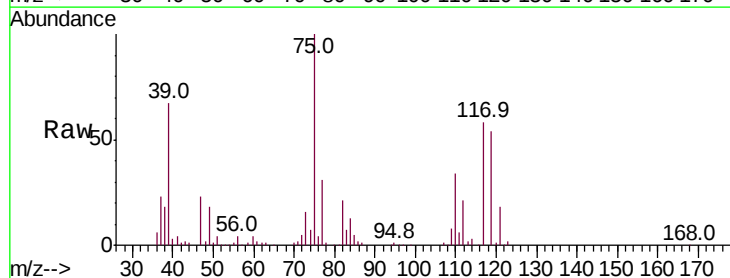


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

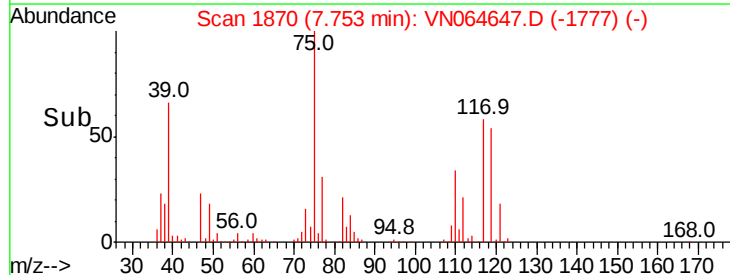
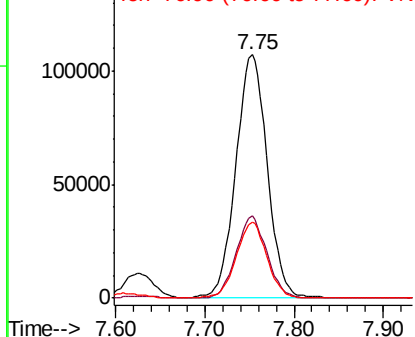


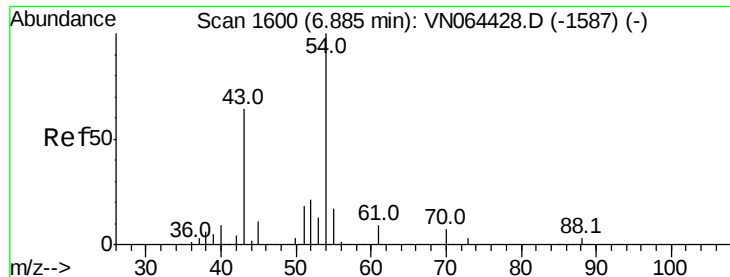
#36
 1,1-Dichloropropene
 Concen: 48.773 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 75 Resp: 260344
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.0 48.0
 77 30.9 24.0 36.0



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

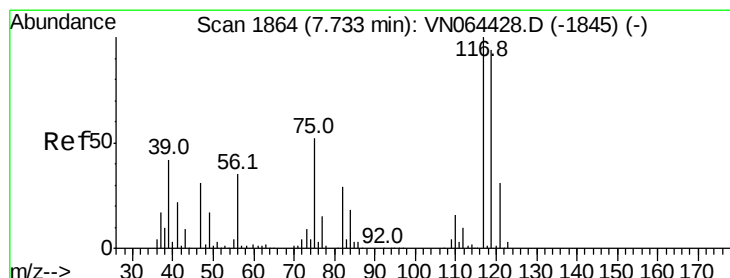
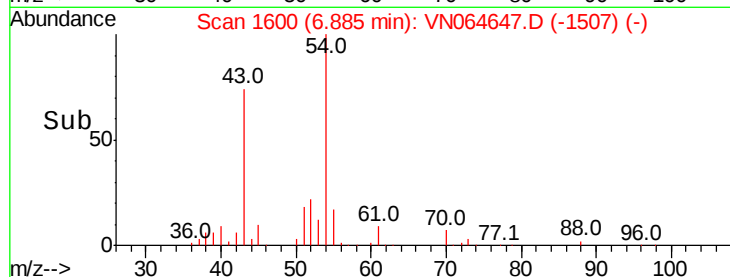
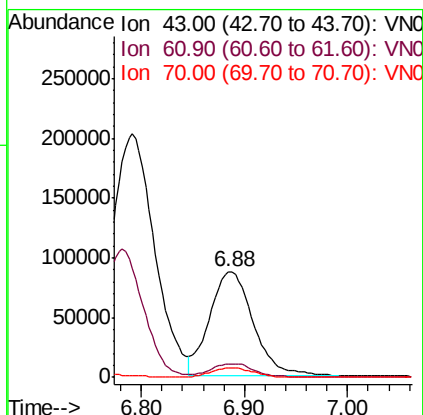
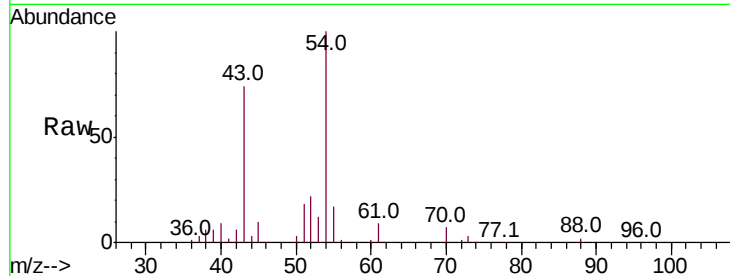




#37
Ethyl Acetate
Concen: 47.589 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

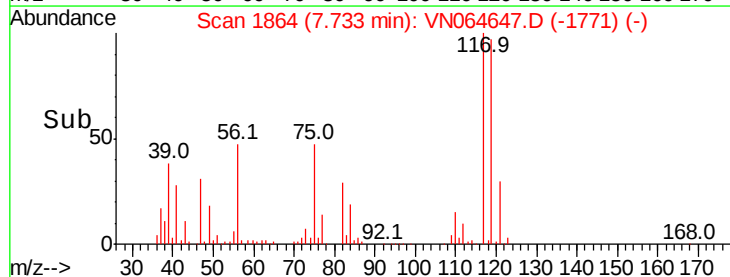
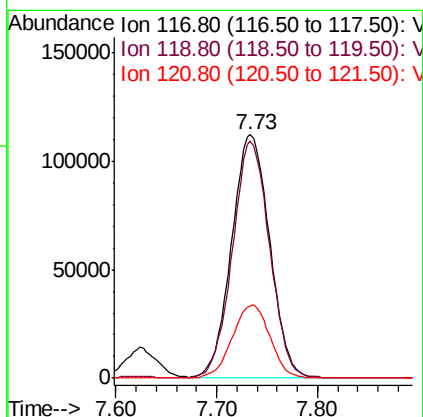
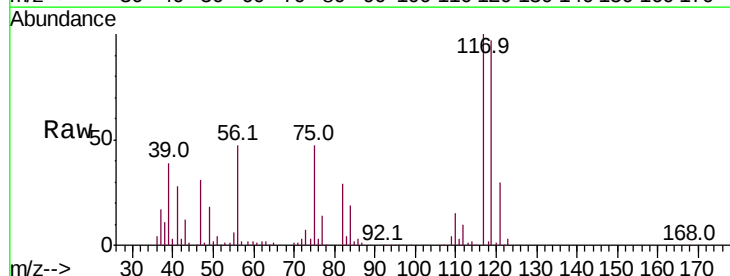
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

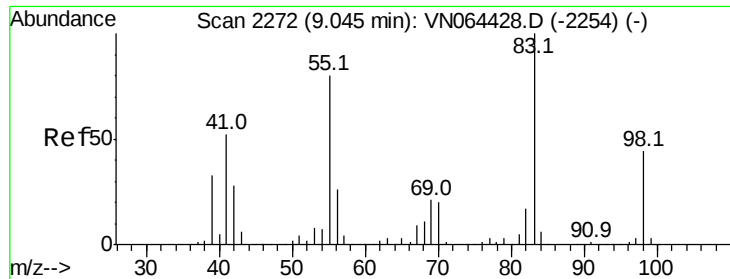
Tot Ion: 43 Resp: 257614
Ion Ratio Lower Upper
43 100
61 12.1 10.0 15.0
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.401 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 117 Resp: 293234
Ion Ratio Lower Upper
117 100
119 97.5 75.5 113.3
121 29.8 24.4 36.6

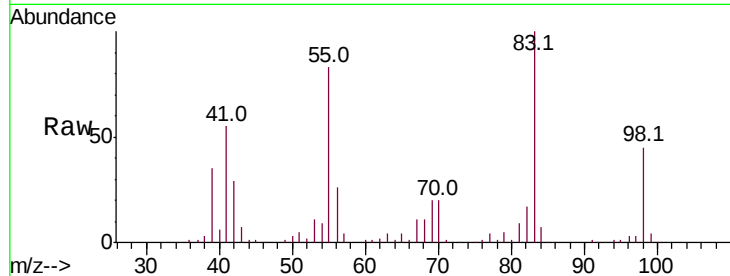




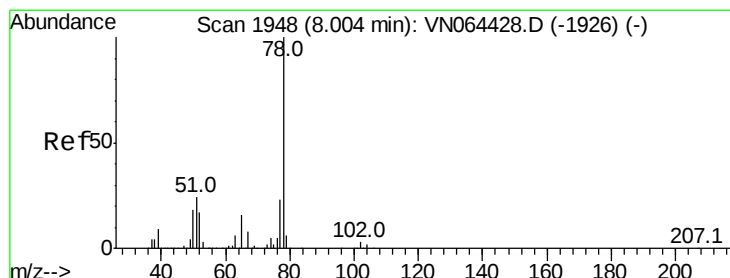
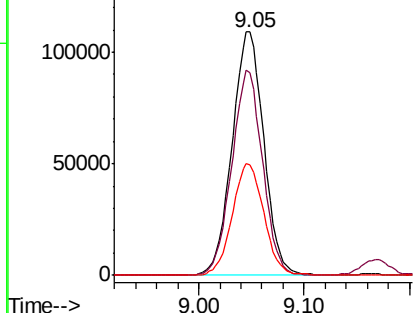
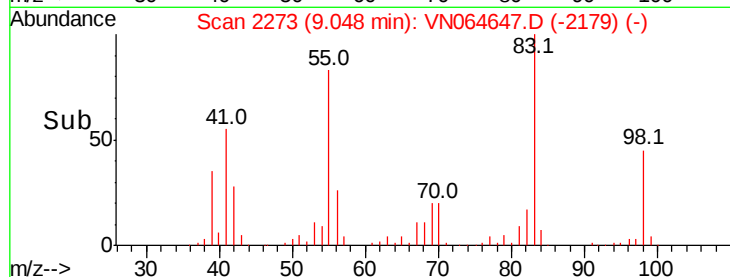
#39
Methvlcvclohexane
Concen: 47.487 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 227225
Ion Ratio Lower Upper
83 100
55 83.1 63.8 95.6
98 45.2 35.4 53.2

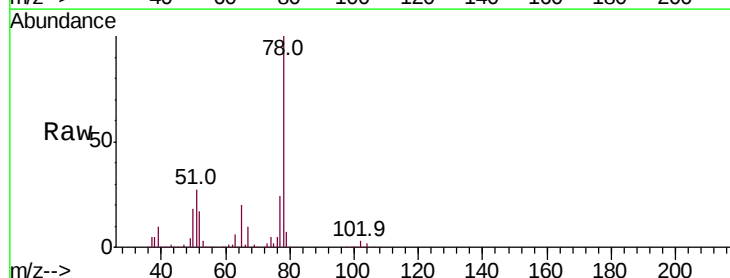


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

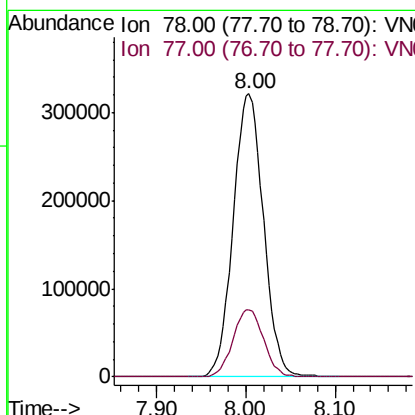
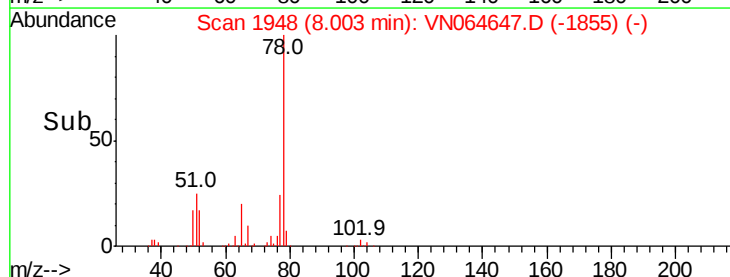


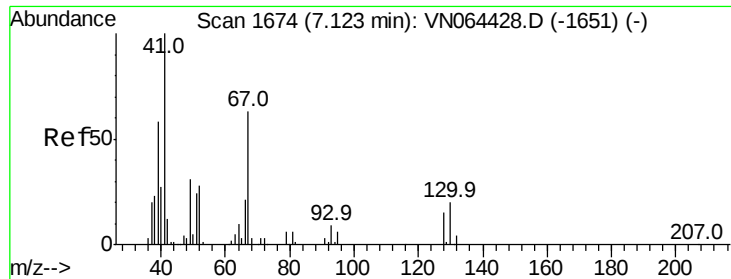
#40
Benzene
Concen: 48.293 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 78 Resp: 757486
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1



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

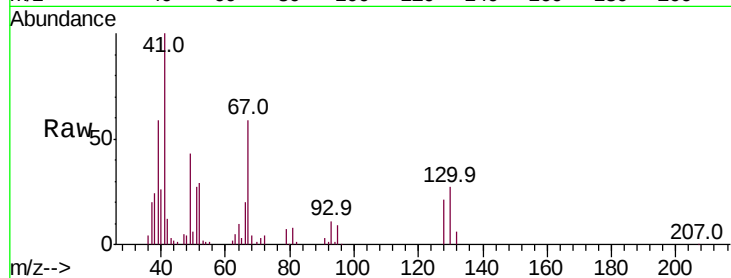




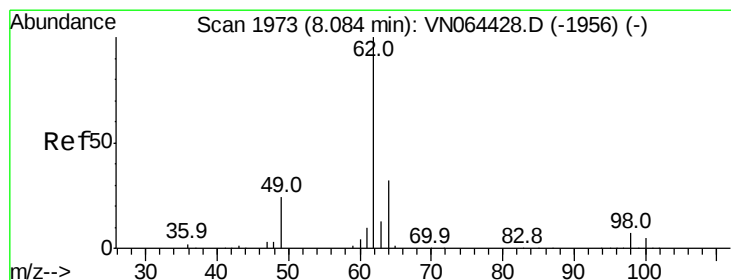
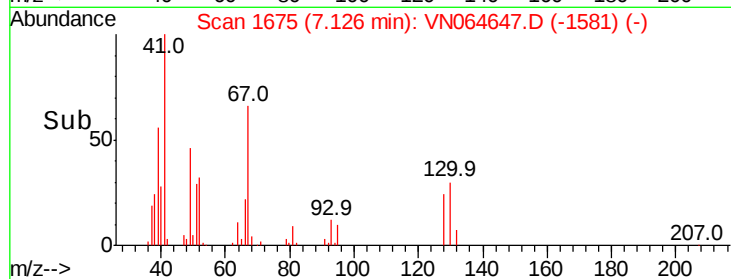
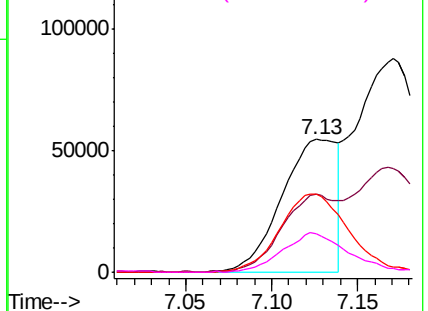
#41
Methacrylonitrile
Concen: 51.368 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	121563
Ion	Ratio	Lower	Upper
41	100		
39	56.3	50.0	75.0
67	74.4	68.3	102.5
52	34.9	32.7	49.1

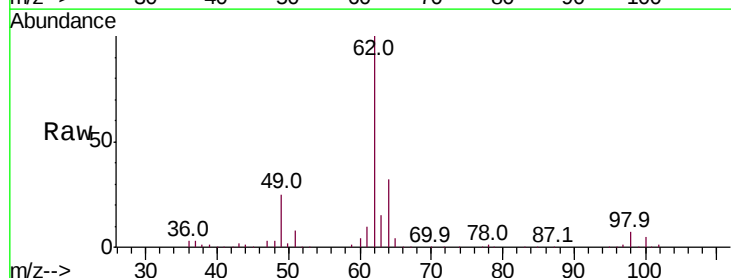


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

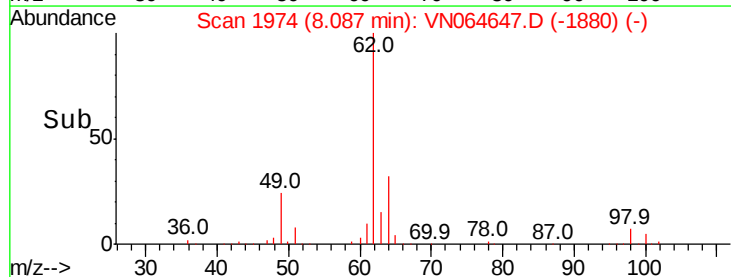
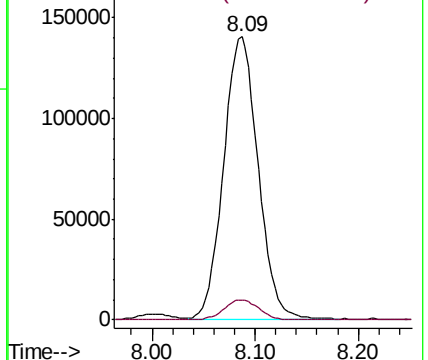


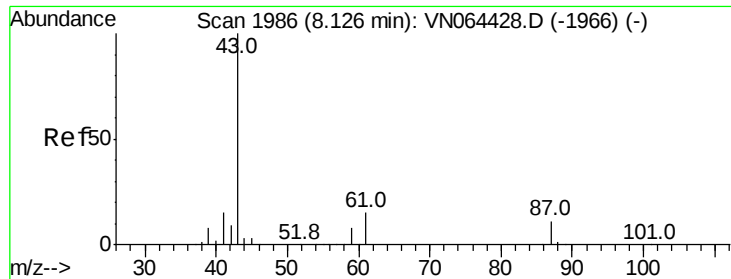
#42
1,2-Dichloroethane
Concen: 51.561 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion:	62	Resp:	326377
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 50.171 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

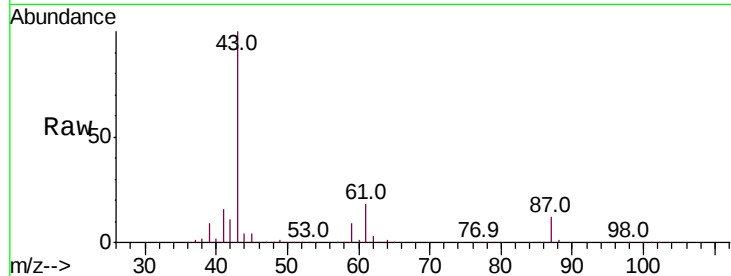
Tot Ion: 43 Resp: 434000

Ion Ratio Lower Upper

43 100

61 16.6 14.0 21.0

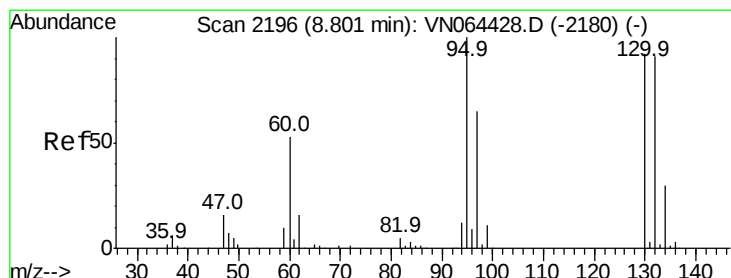
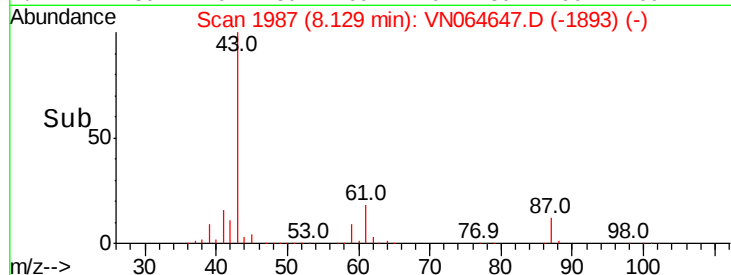
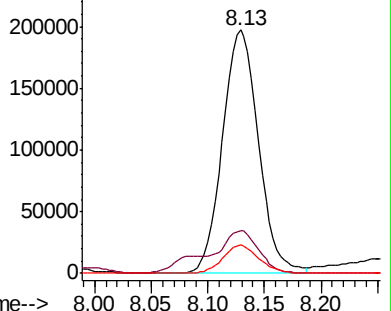
87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#44

Trichloroethene

Concen: 48.891 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064647.D

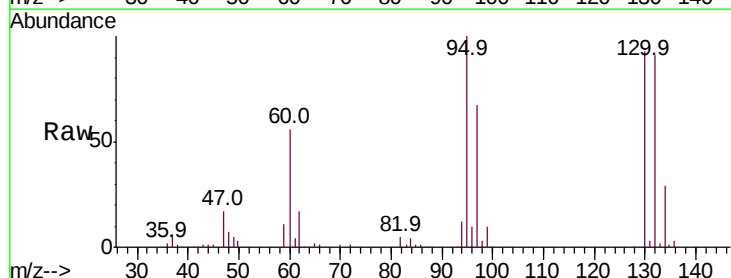
Acq: 13 Nov 2020 21:59

Tgt Ion:130 Resp: 193479

Ion Ratio Lower Upper

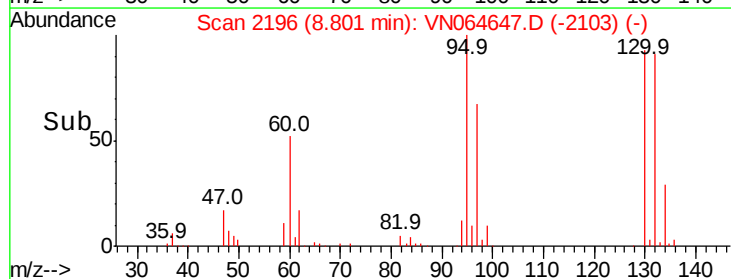
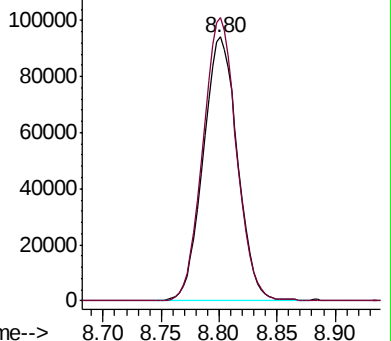
130 100

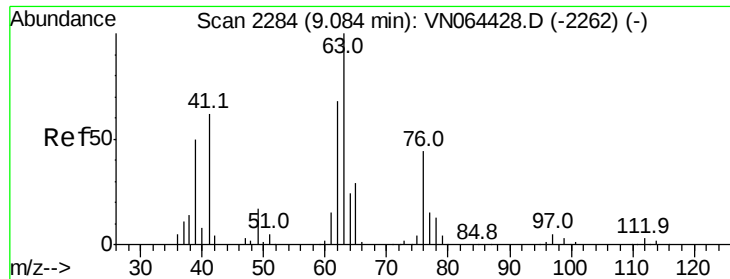
95 107.3 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

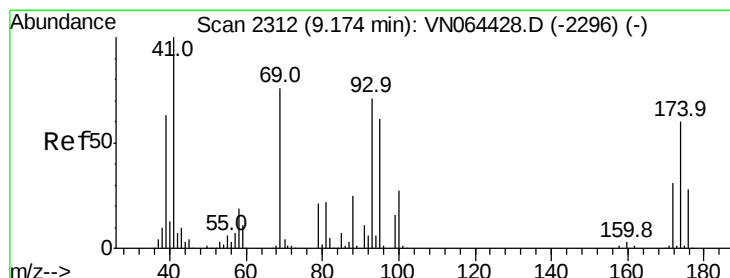
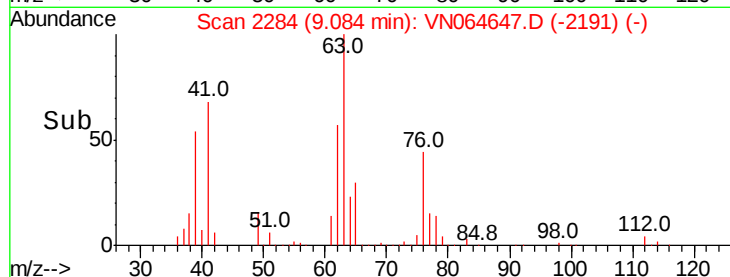
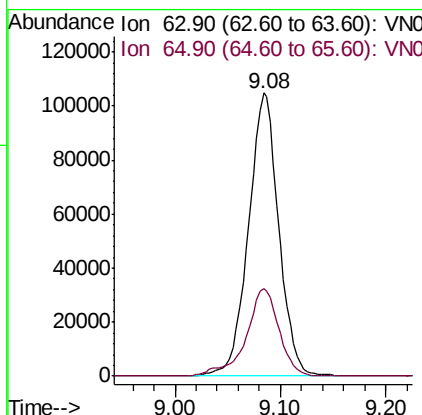
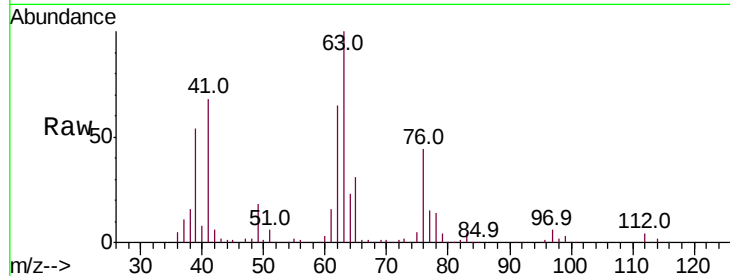




#45
 1,2-Dichloropropane
 Concen: 50.093 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

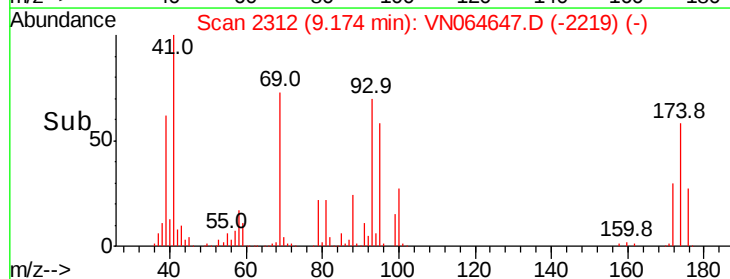
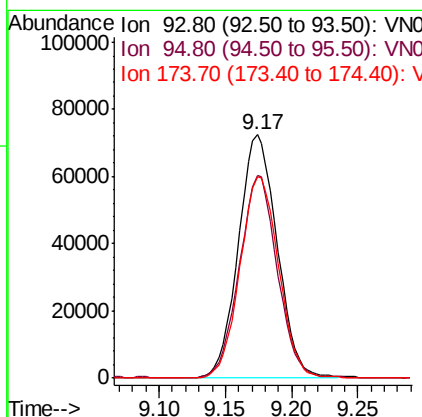
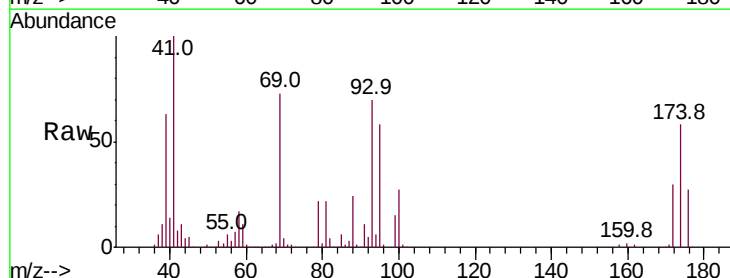
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

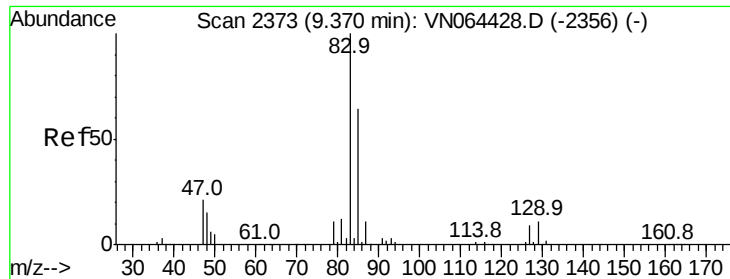
Tot Ion: 63 Resp: 209649
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.6 35.4



#46
 Dibromomethane
 Concen: 53.561 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 93 Resp: 147564
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.4 99.6
 174 82.4 67.2 100.8





#47

Bromodichloromethane

Concen: 52.646 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

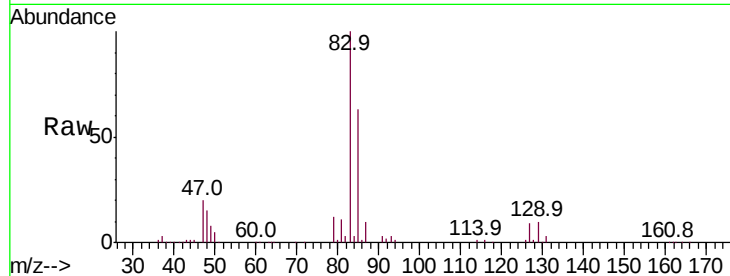
Tot Ion: 83 Resp: 311874

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

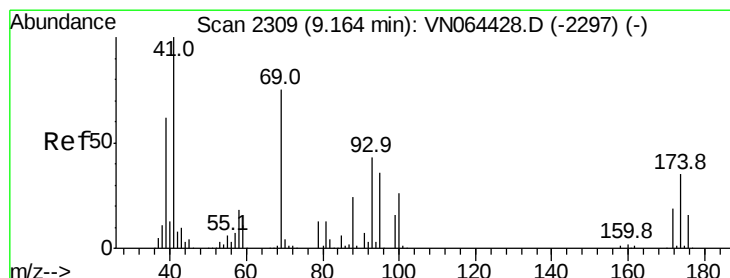
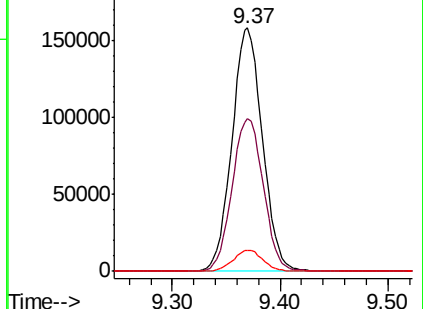
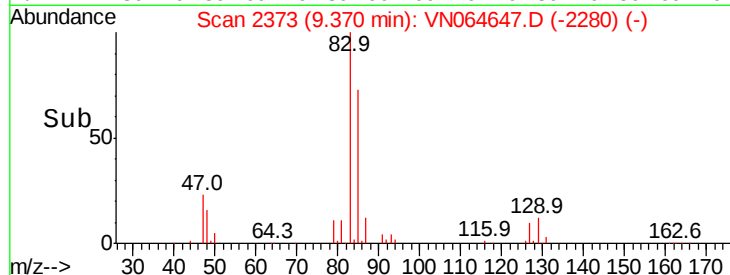
127 8.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)



#48

Methyl methacrylate

Concen: 51.421 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

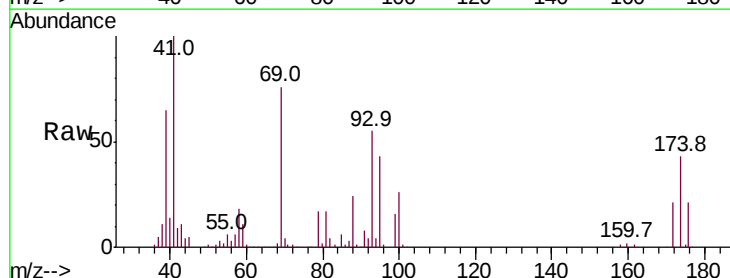
Tgt Ion: 41 Resp: 224454

Ion Ratio Lower Upper

41 100

69 74.7 60.4 90.6

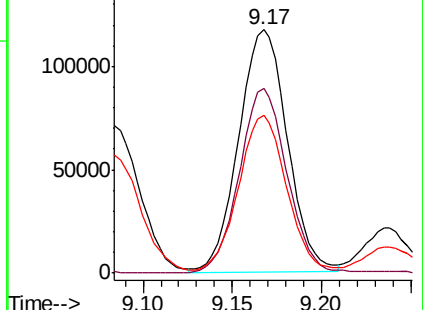
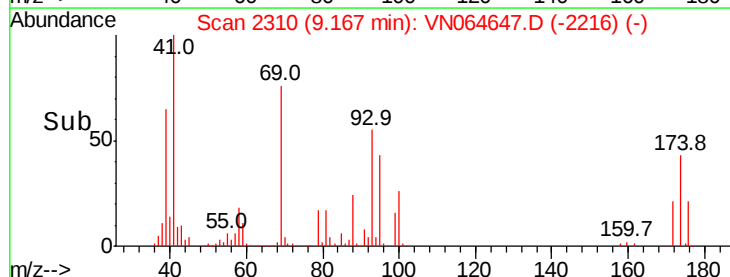
39 63.9 51.2 76.8

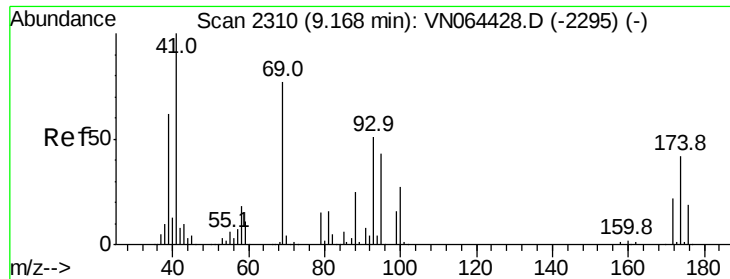


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)





#49

1,4-Dioxane

Concen: 1018.583 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

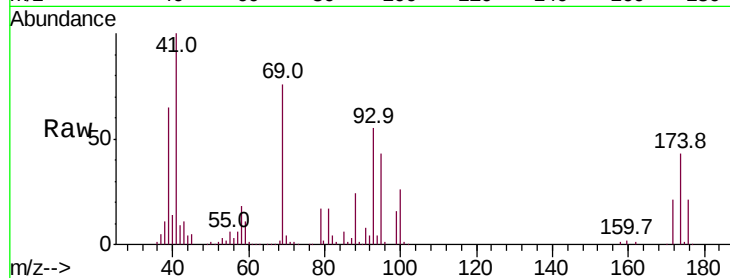
Tot Ion: 88 Resp: 58562

Ion Ratio Lower Upper

88 100

43 40.1 31.0 46.6

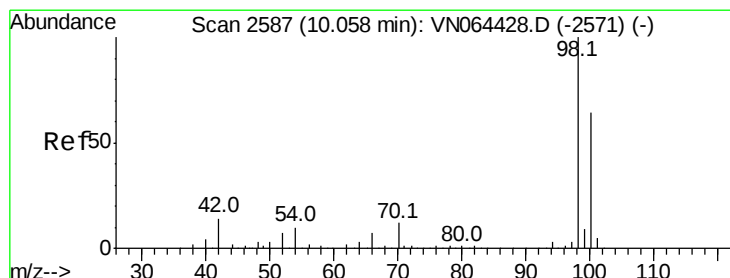
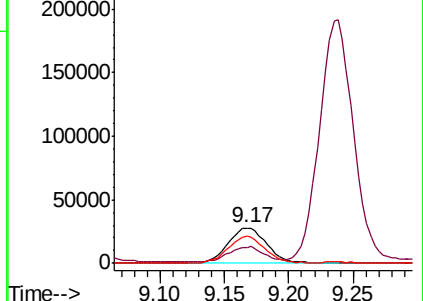
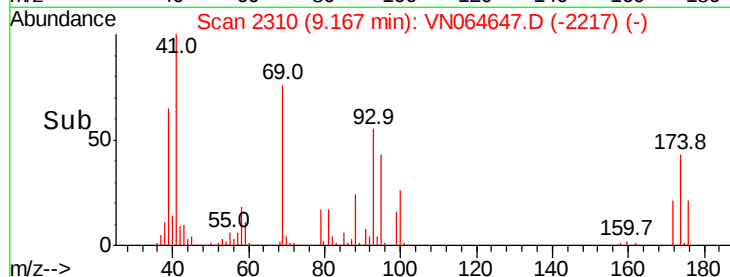
58 72.0 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.173 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064647.D

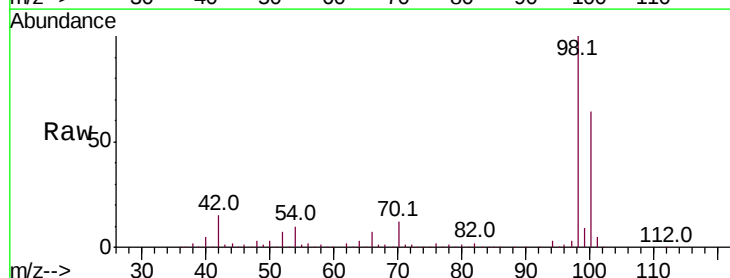
Acq: 13 Nov 2020 21:59

Tgt Ion: 98 Resp: 653828

Ion Ratio Lower Upper

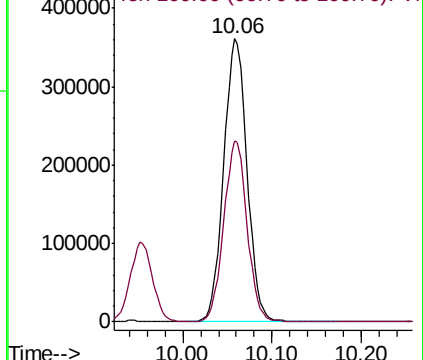
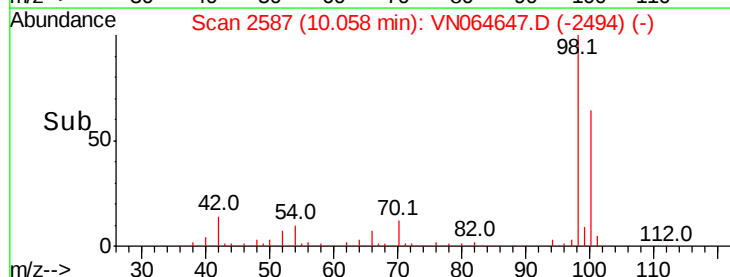
98 100

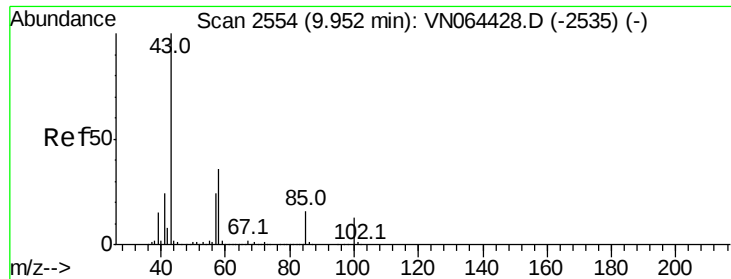
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

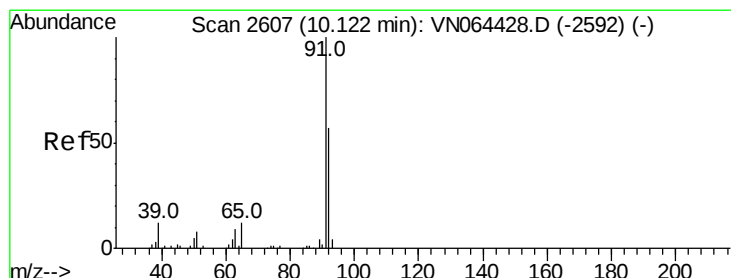
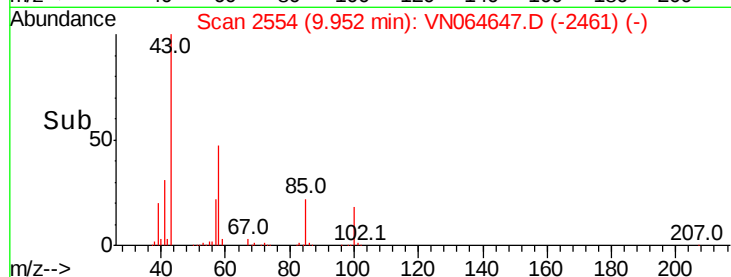
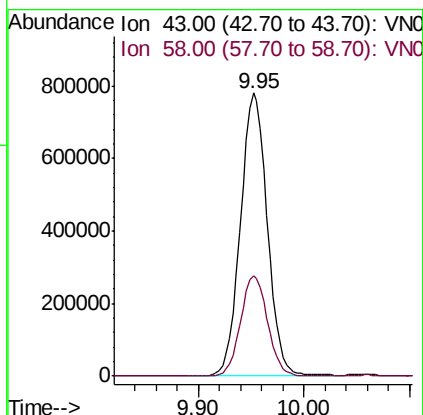
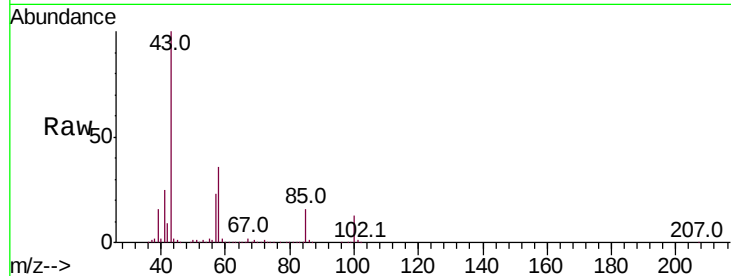




#51
 4-Methyl-2-Pentanone
 Concen: 272.507 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

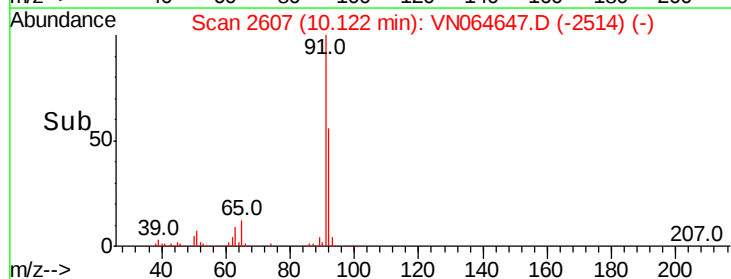
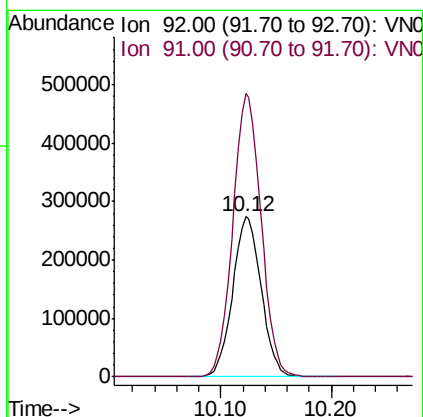
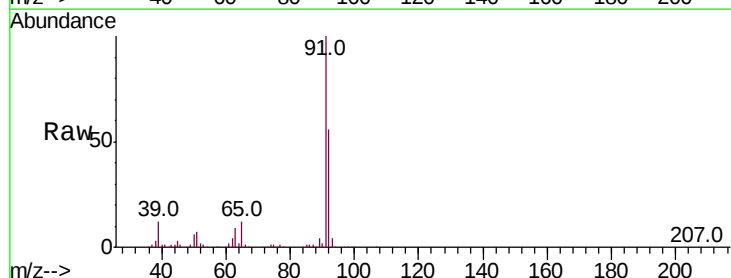
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

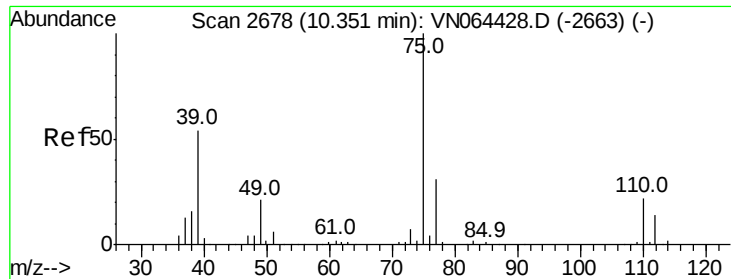
Tot Ion: 43 Resp: 1374709
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.4 42.6



#52
 Toluene
 Concen: 51.380 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 92 Resp: 491541
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 50.510 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

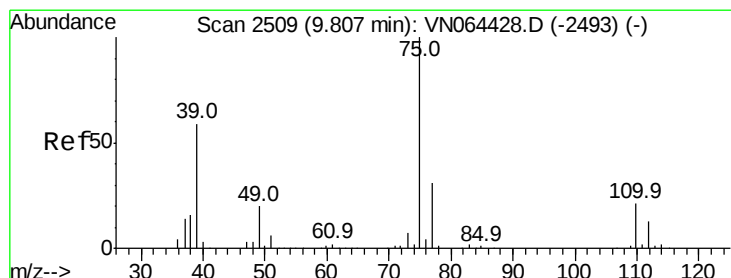
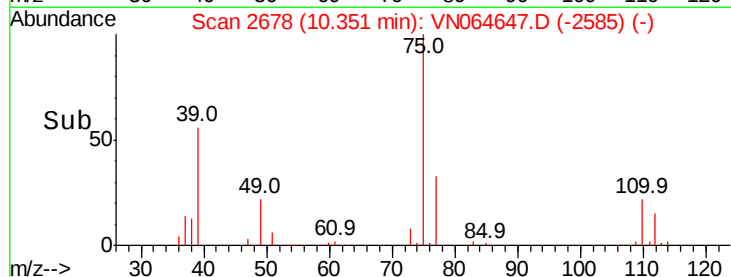
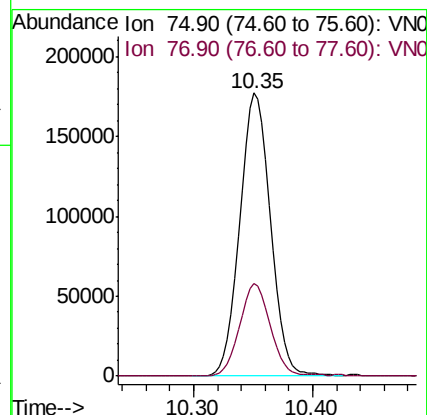
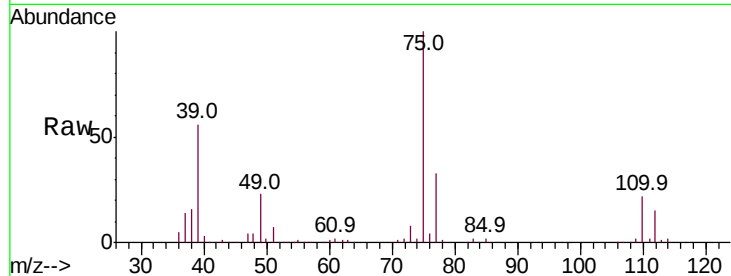
VSTDCCC050EC

Tot Ion: 75 Resp: 317227

Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 49.519 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

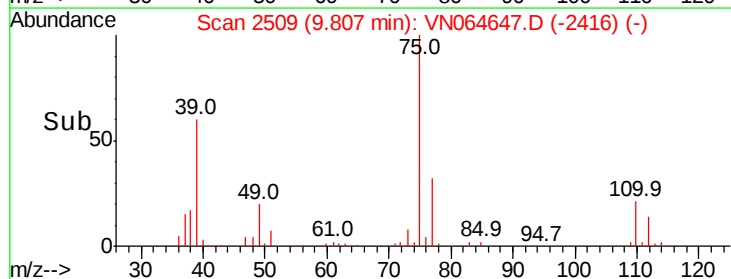
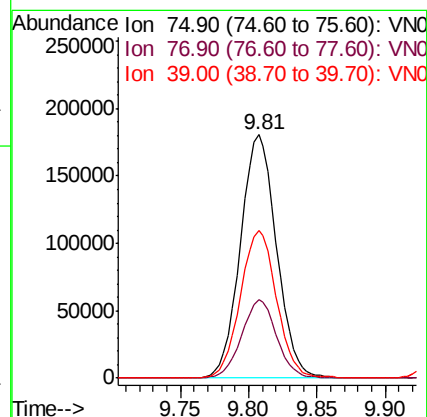
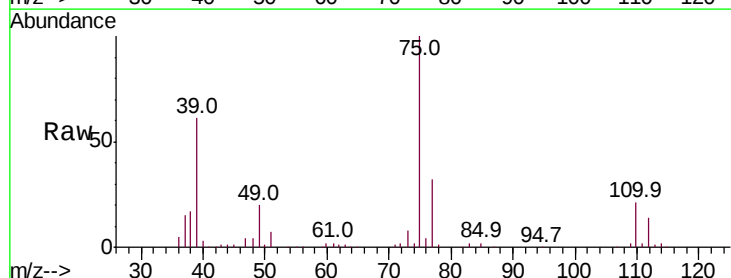
Tgt Ion: 75 Resp: 332516

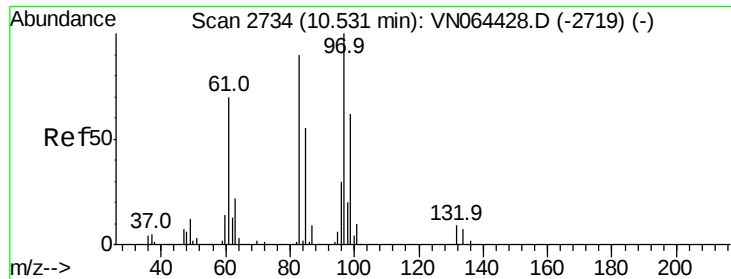
Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3

39 60.3 47.1 70.7





#55

1,1,2-Trichloroethane

Concen: 52.569 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 196135

Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.7	107.5
85	57.2	44.3	66.5
99	63.9	49.4	74.2

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

10.53

150000

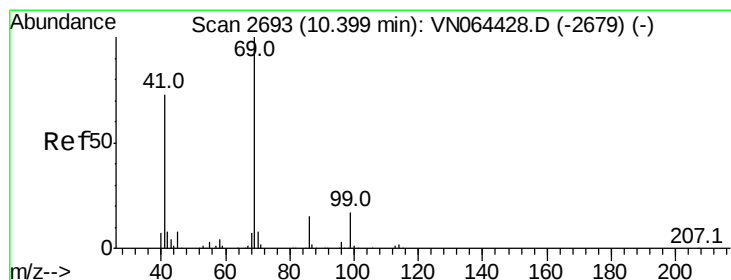
100000

50000

0

Time-->

10.45 10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 45.909 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Tgt Ion: 69 Resp: 280852

Ion	Ratio	Lower	Upper
69	100		
41	74.5	59.3	88.9
39	46.6	35.4	53.0

Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

10.40

200000

150000

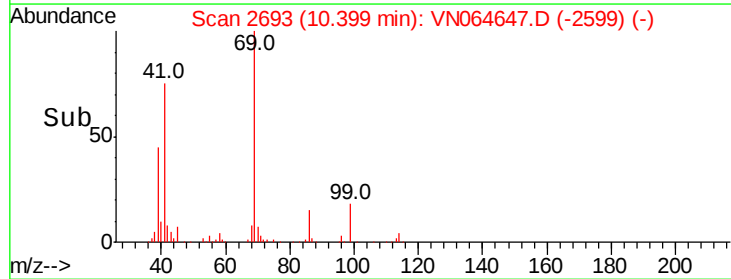
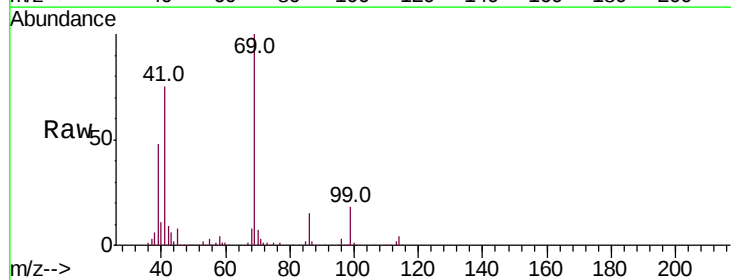
100000

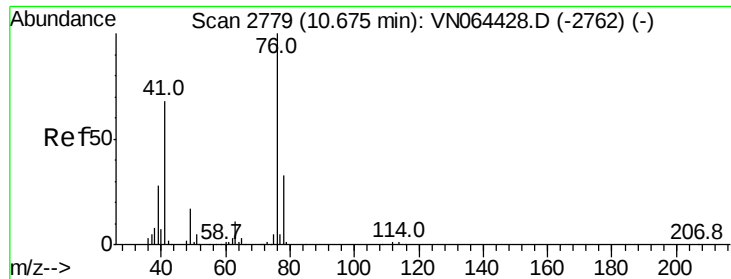
50000

0

Time-->

10.30 10.40 10.50





#57

1,3-Dichloropropane

Concen: 52.286 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

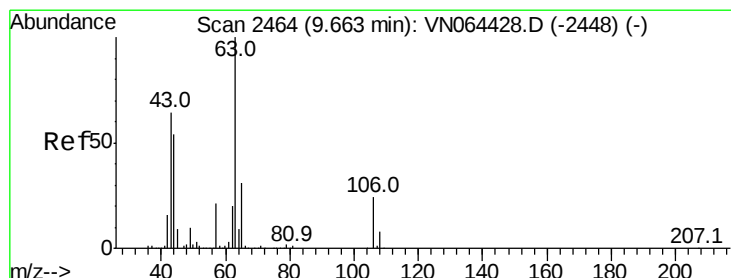
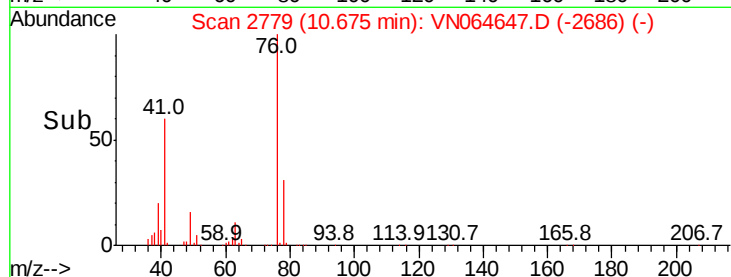
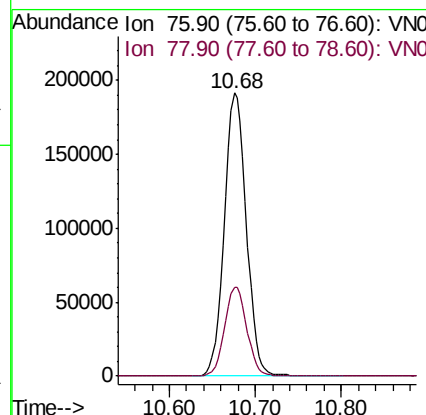
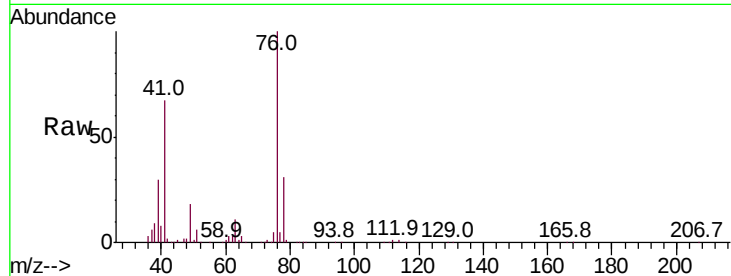
Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 340503

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.6



#58

2-Chloroethyl Vinyl ether

Concen: 254.921 ug/l

RT: 9.66 min Scan# 2464

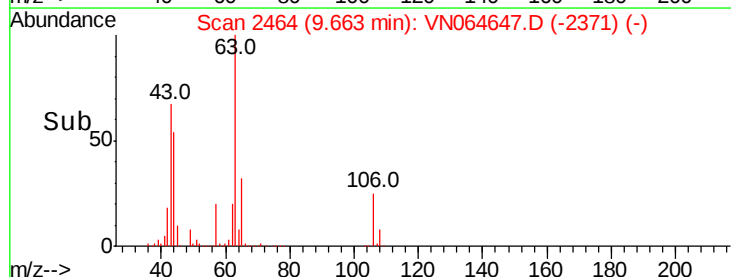
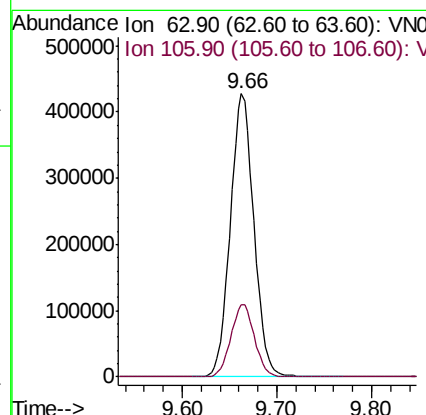
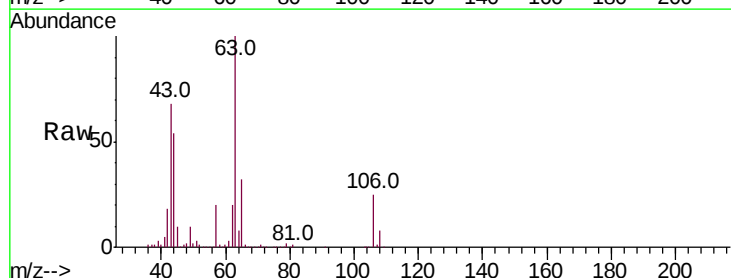
Delta R.T. 0.00 min

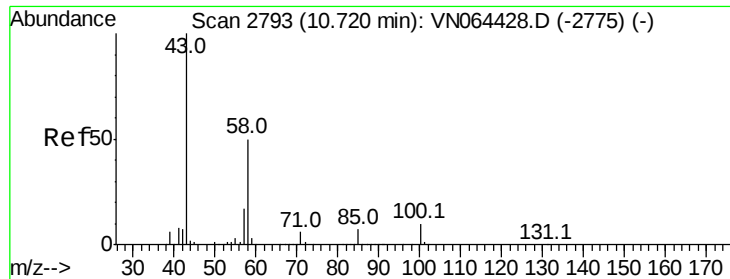
Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Tgt Ion: 63 Resp: 740765

Ion	Ratio	Lower	Upper
63	100		
106	25.7	19.5	29.3

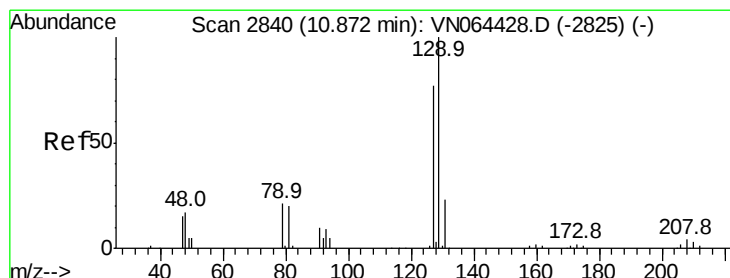
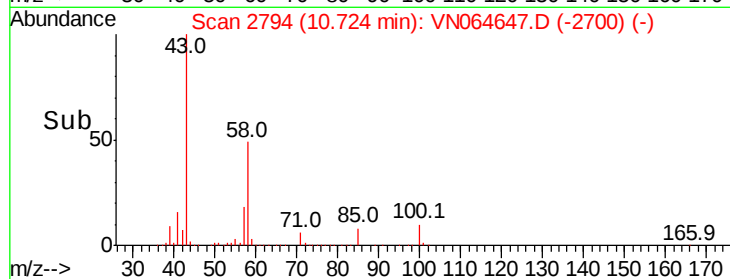
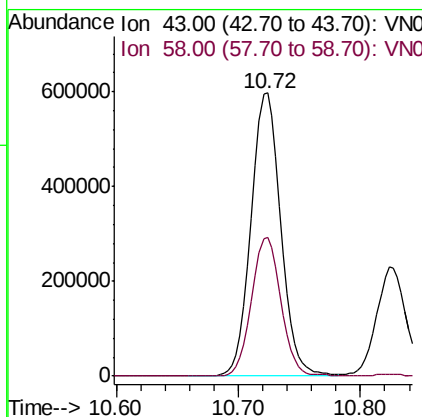
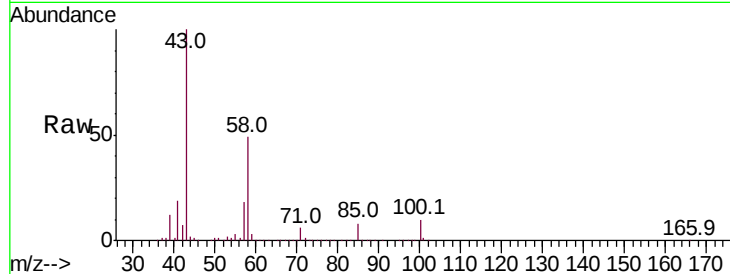




#59
2-Hexanone
Concen: 242.265 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

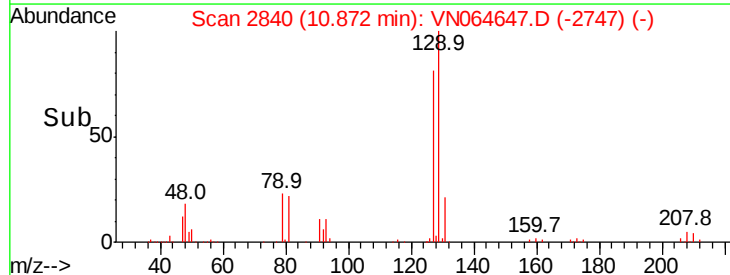
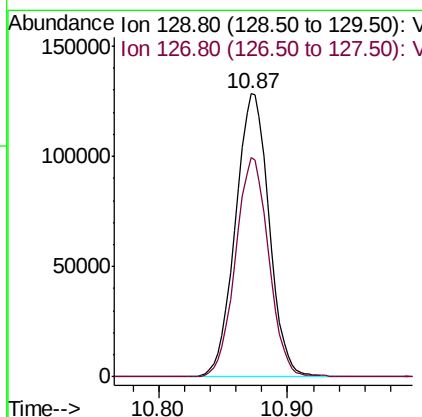
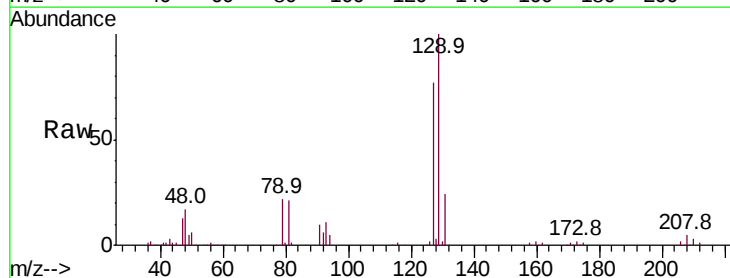
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

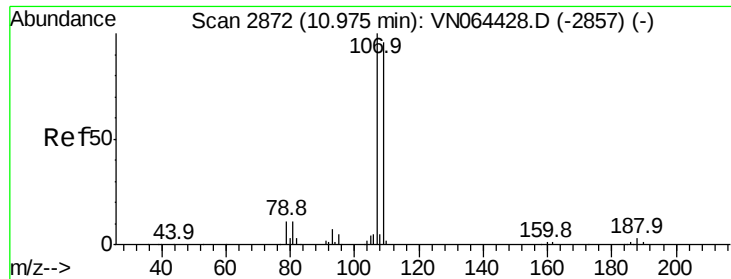
Tot Ion: 43 Resp: 996067
Ion Ratio Lower Upper
43 100
58 48.9 24.7 74.1



#60
Dibromochloromethane
Concen: 55.803 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 129 Resp: 233101
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7

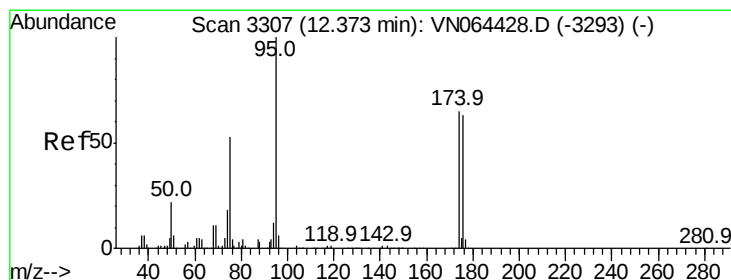
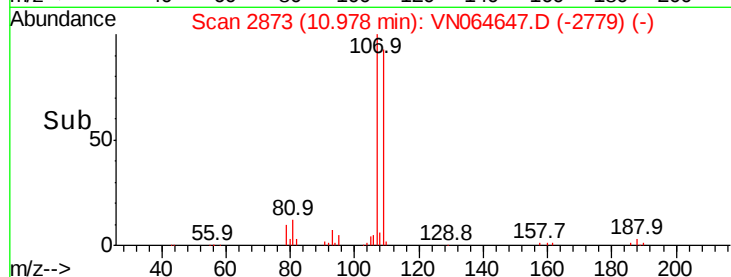
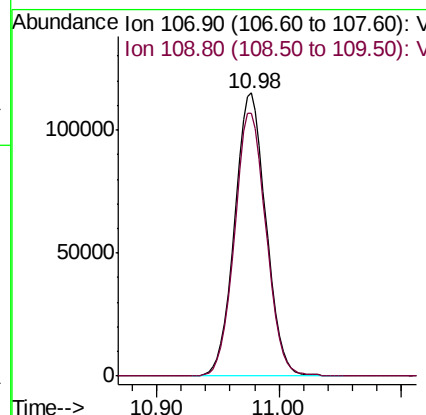
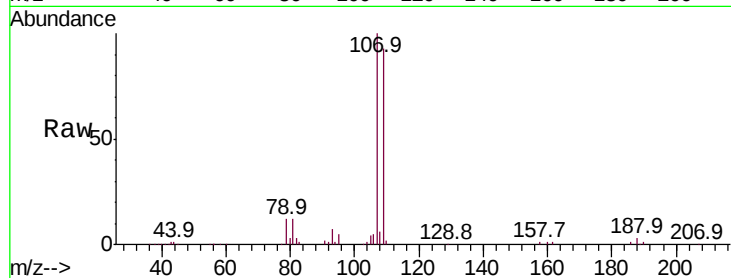




#61
 1,2-Dibromoethane
 Concen: 54.283 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

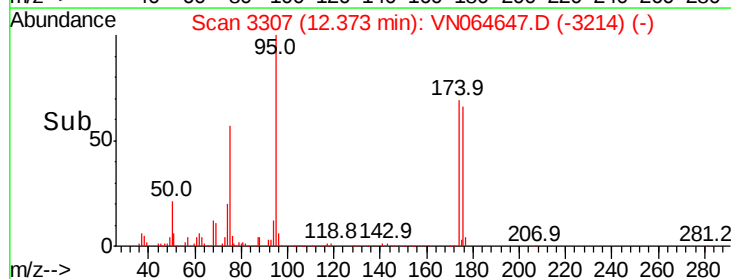
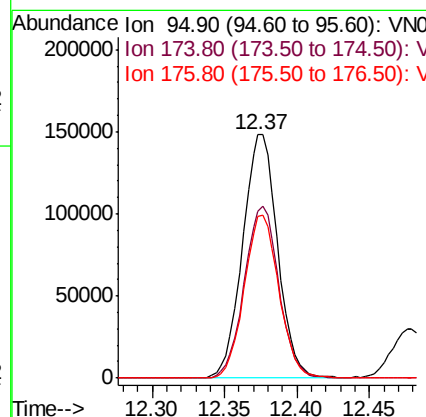
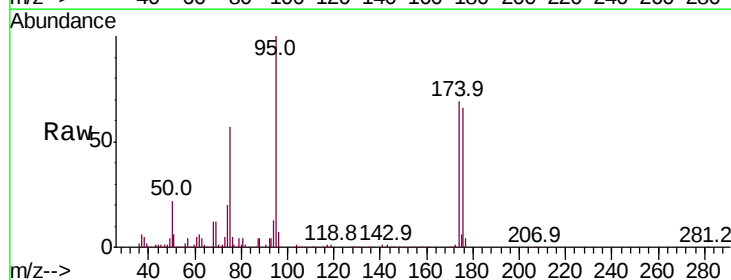
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

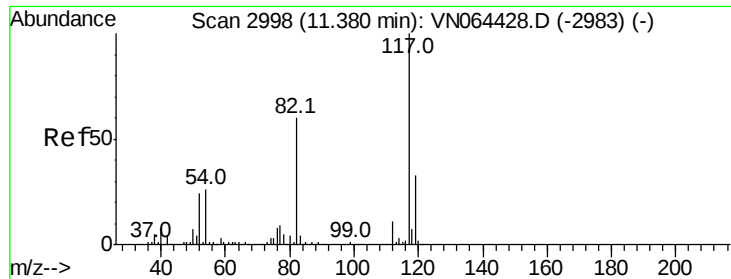
Tot Ion:107 Resp: 205428
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.428 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 95 Resp: 248551
 Ion Ratio Lower Upper
 95 100
 174 70.0 0.0 132.6
 176 66.3 0.0 129.2

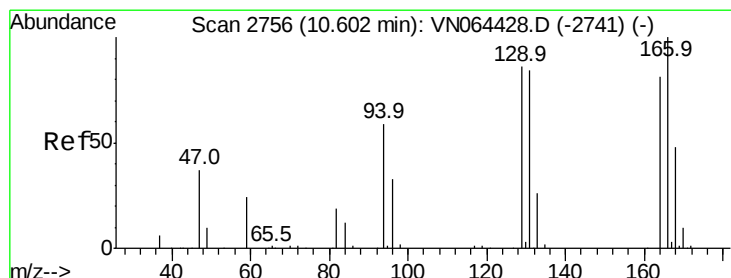
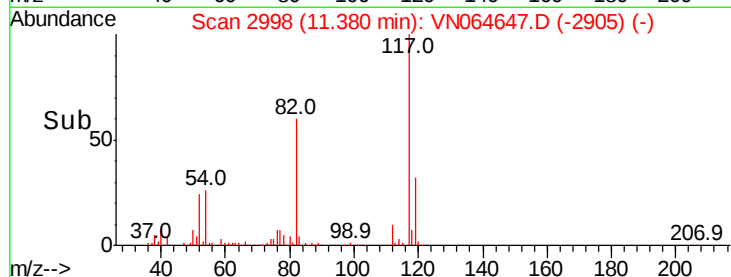
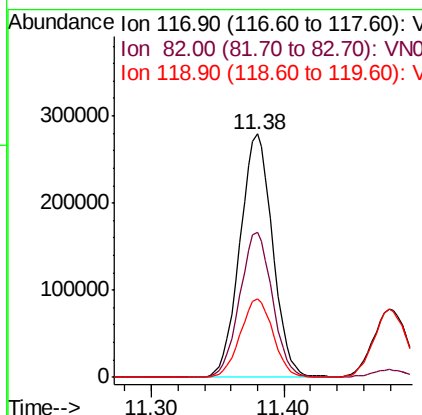
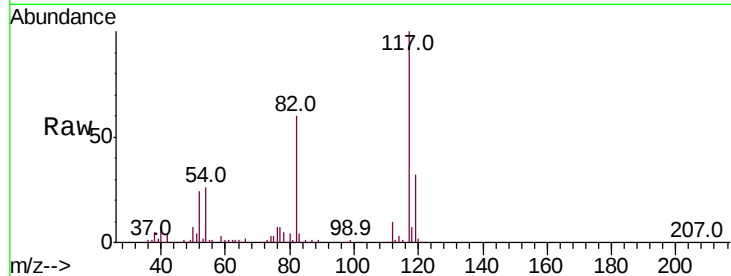




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

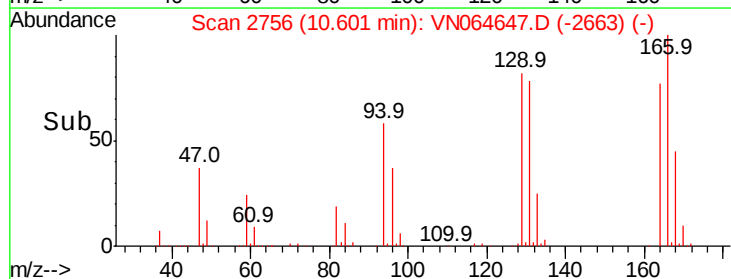
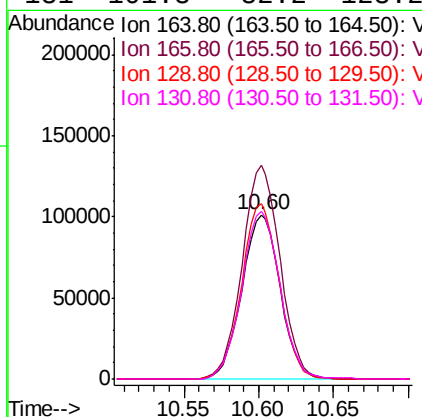
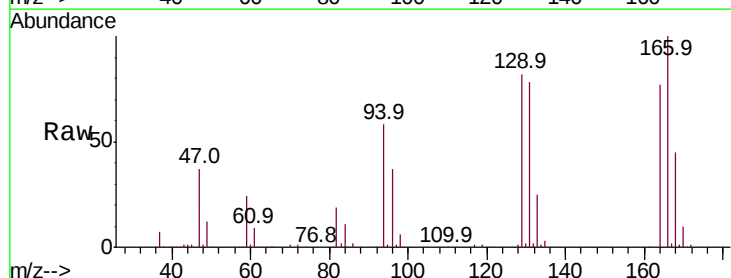
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

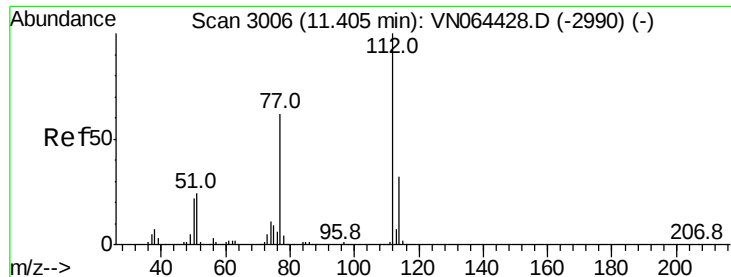
Tot Ion:117 Resp: 478315
Ion Ratio Lower Upper
117 100
82 59.6 48.1 72.1
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 48.798 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion:164 Resp: 179793
Ion Ratio Lower Upper
164 100
166 129.9 98.2 147.2
129 106.8 84.6 127.0
131 101.8 82.2 123.2

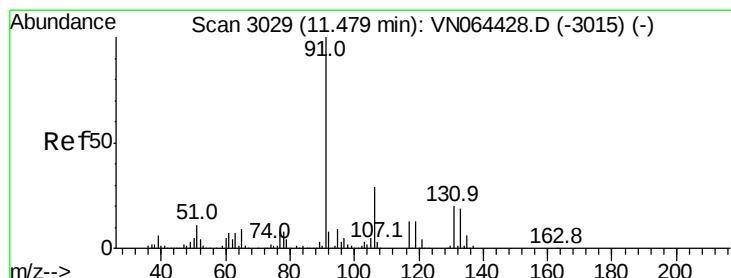
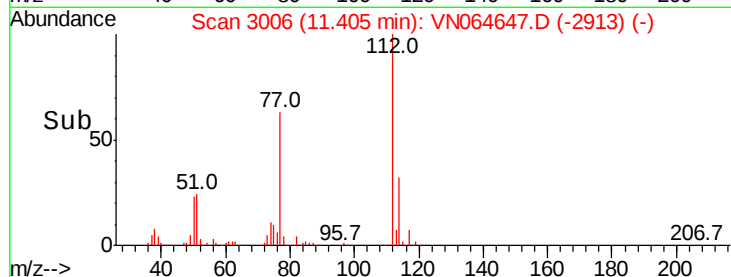
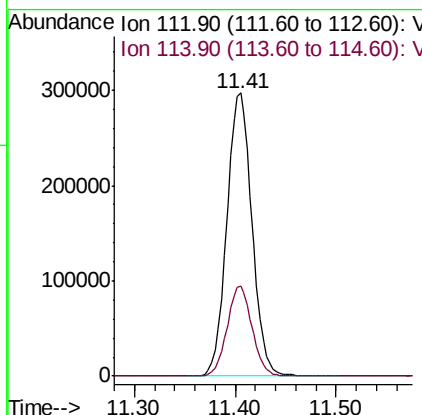
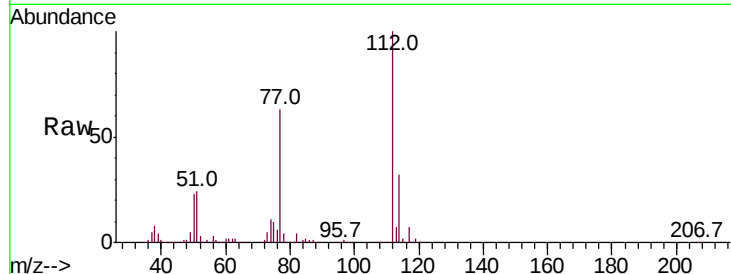




#65
Chlorobenzene
Concen: 49.365 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

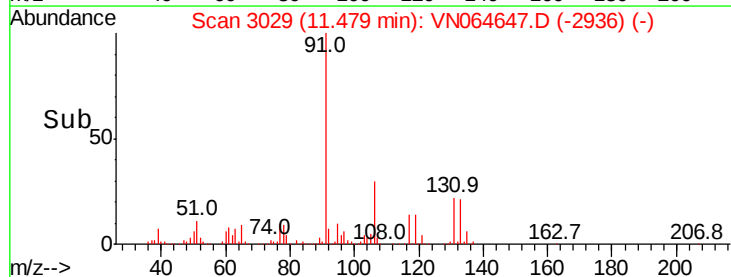
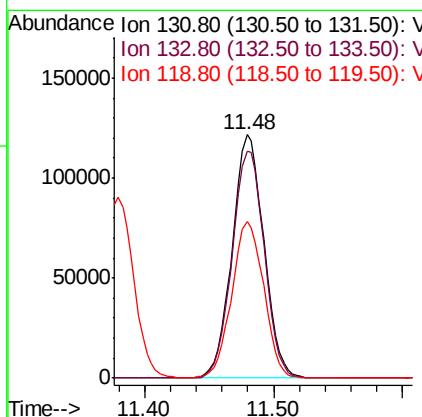
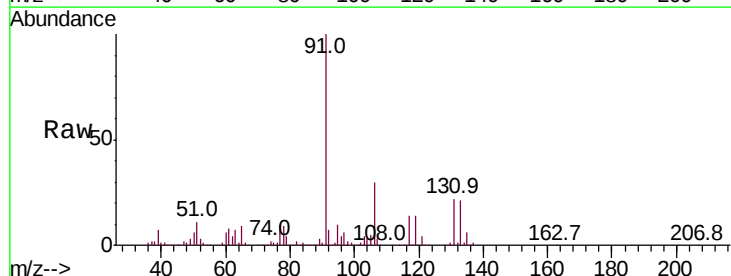
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

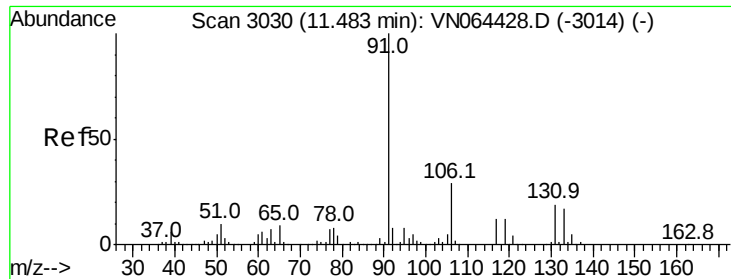
Tot Ion:112 Resp: 517629
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.116 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion:131 Resp: 207782
Ion Ratio Lower Upper
131 100
133 94.4 46.9 140.7
119 65.2 32.1 96.5

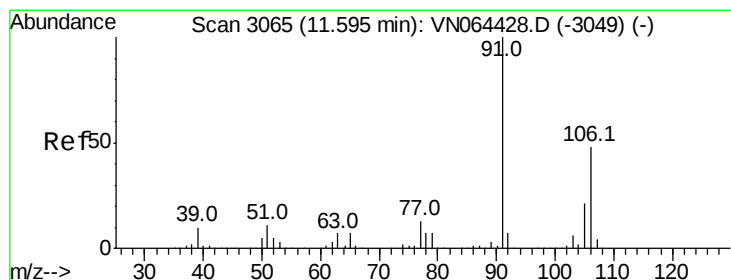
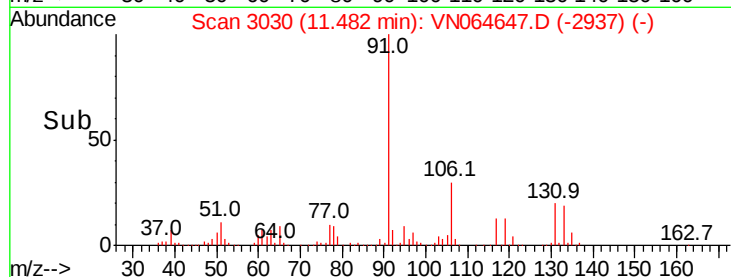
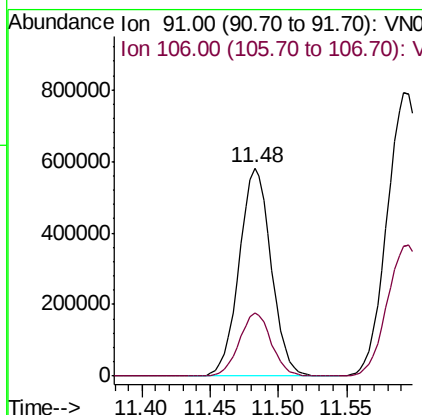
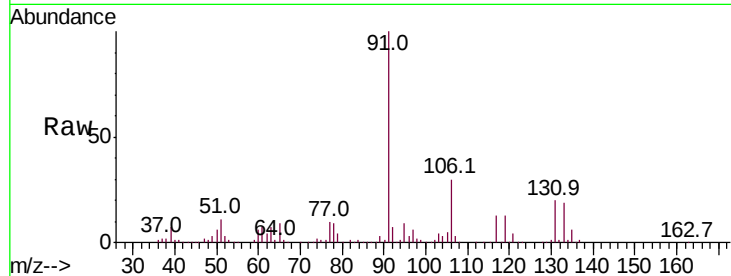




#67
Ethyl Benzene
Concen: 50.762 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

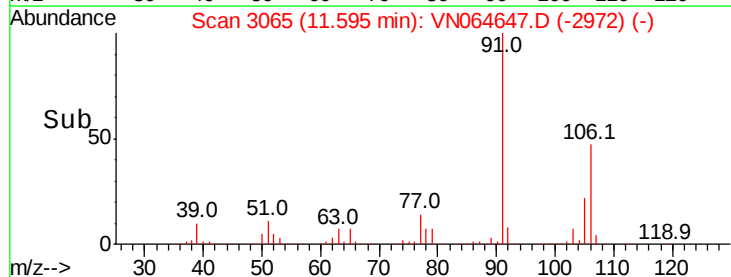
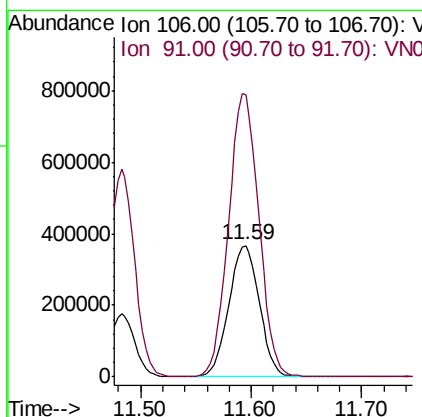
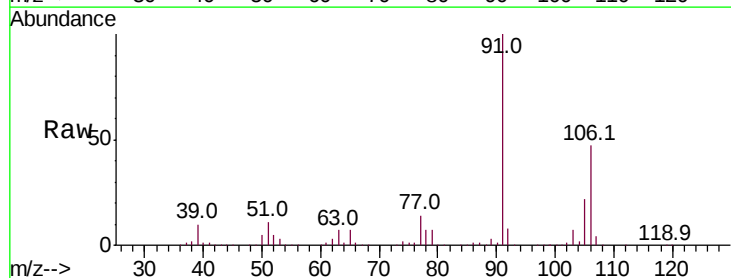
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

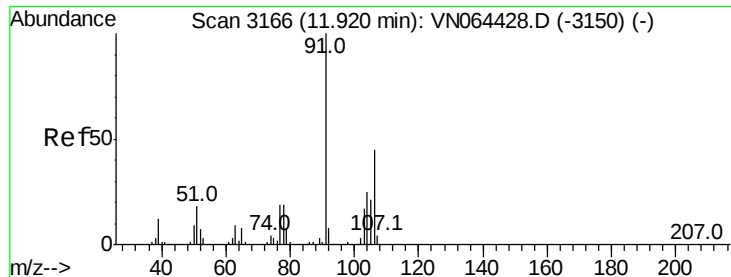
Tot Ion: 91 Resp: 946782
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 104.055 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 106 Resp: 703842
Ion Ratio Lower Upper
106 100
91 214.5 169.4 254.2

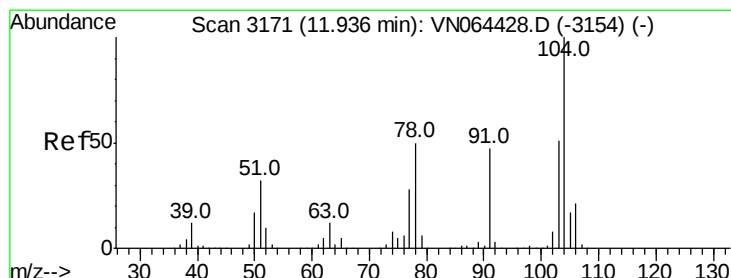
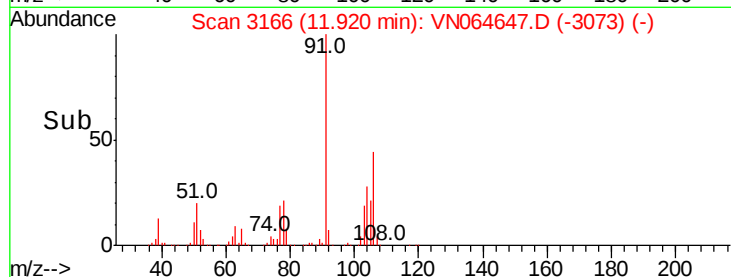
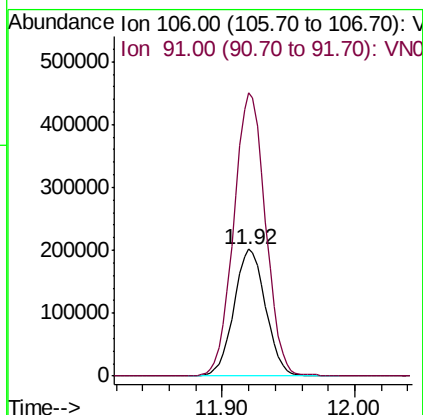
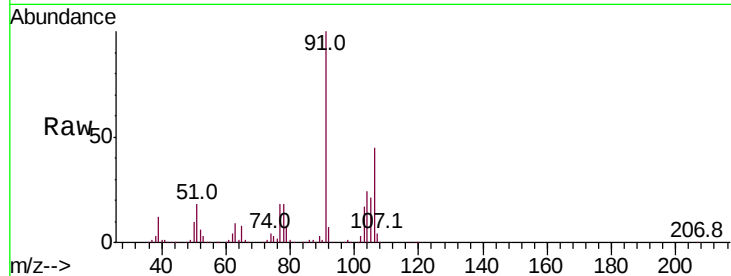




#69
o-Xylene
Concen: 51.215 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

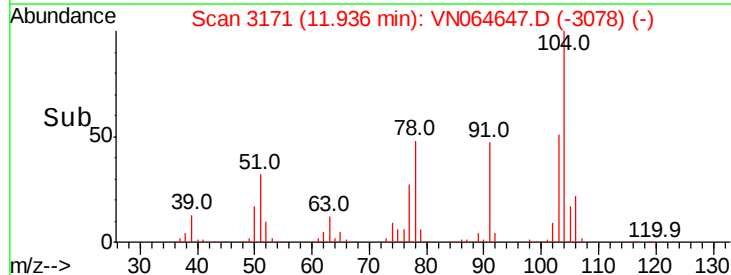
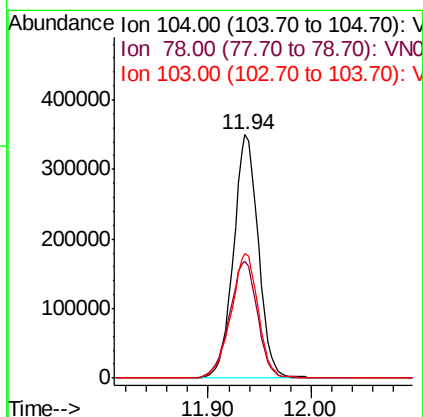
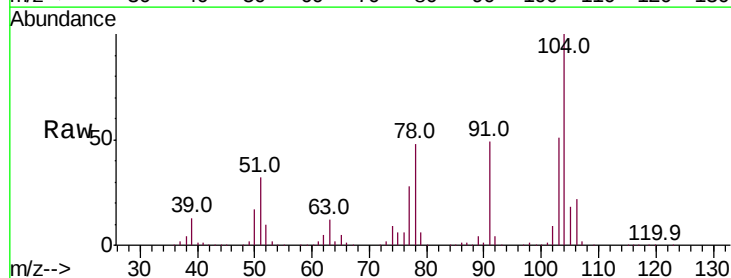
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

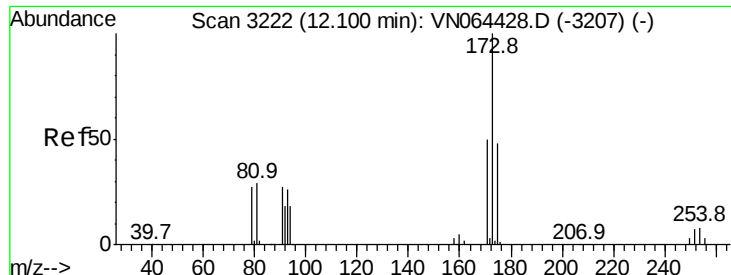
Tot Ion:106 Resp: 334754
Ion Ratio Lower Upper
106 100
91 223.5 111.7 334.9



#70
Styrene
Concen: 53.574 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion:104 Resp: 589251
Ion Ratio Lower Upper
104 100
78 54.1 44.0 66.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 51.441 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

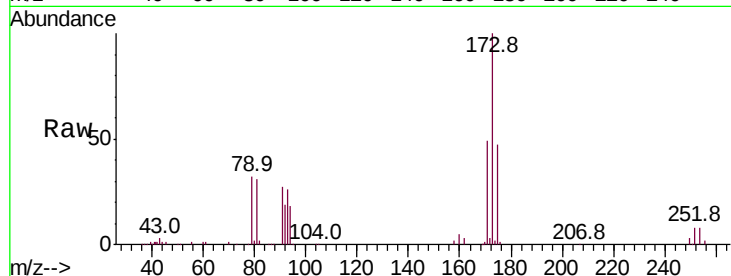
Tot Ion:173 Resp: 151205

Ion Ratio Lower Upper

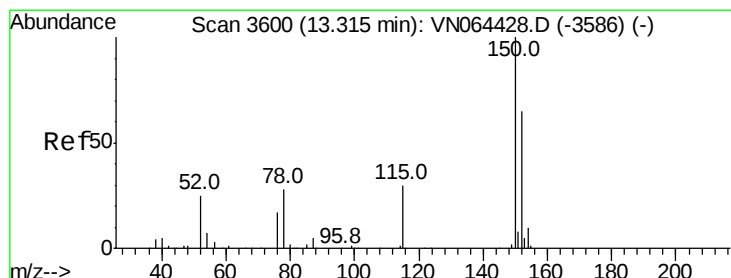
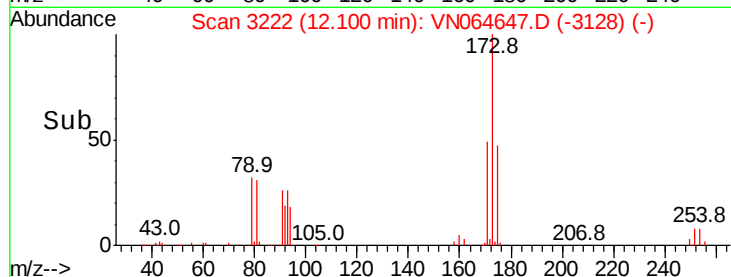
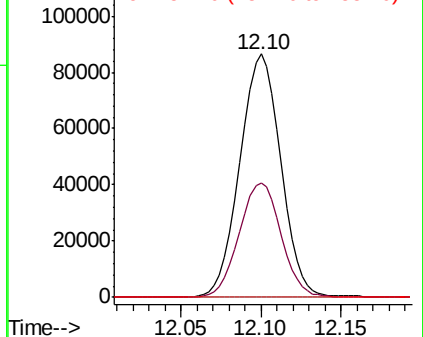
173 100

175 48.2 23.7 71.1

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# 3600

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

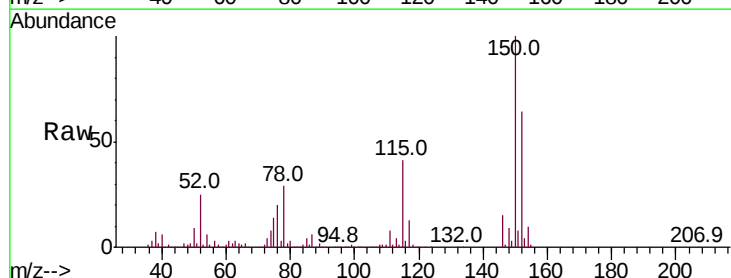
Tgt Ion:152 Resp: 236953

Ion Ratio Lower Upper

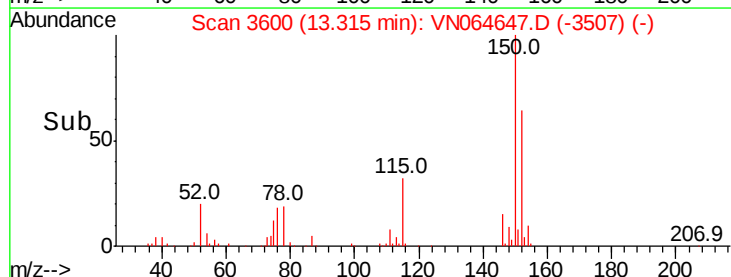
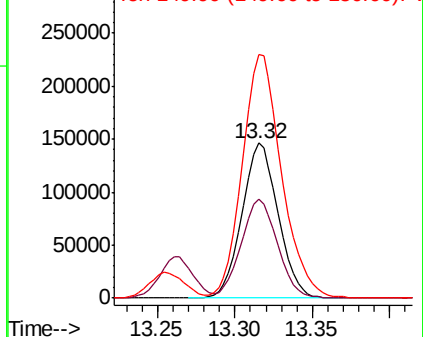
152 100

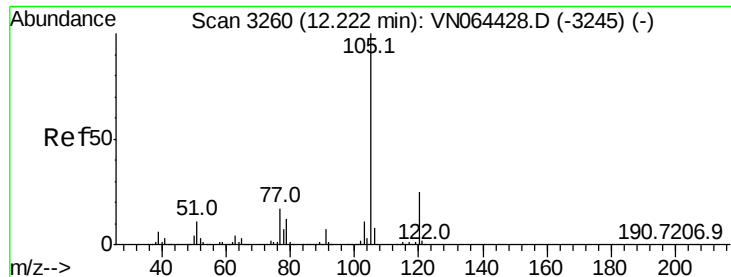
115 64.1 32.0 96.0

150 171.0 0.0 353.8



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: 46.741 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

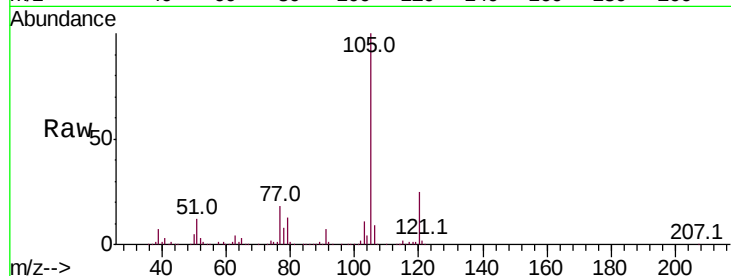
VSTDCCC050EC

Tot Ion:105 Resp: 880300

Ion Ratio Lower Upper

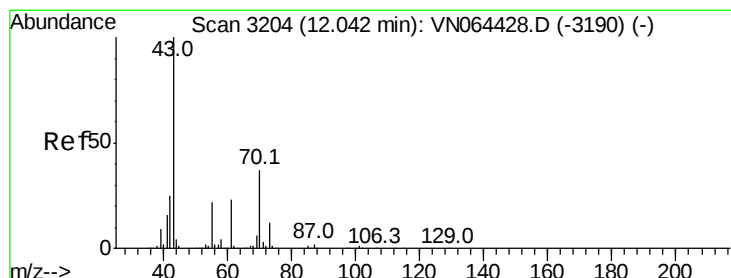
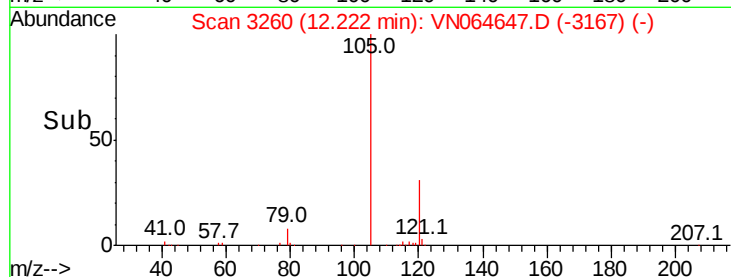
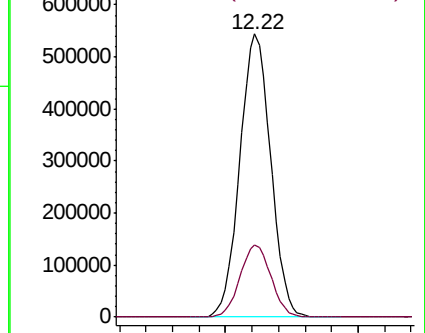
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.542 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Tgt Ion: 43 Resp: 386898

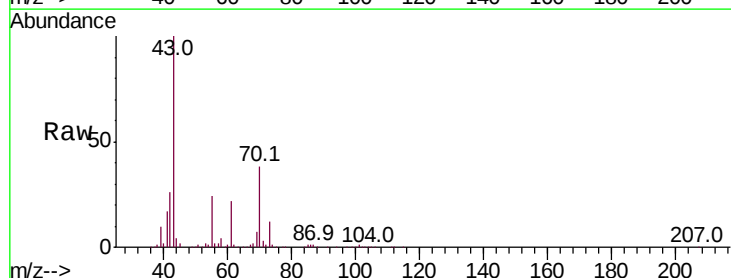
Ion Ratio Lower Upper

43 100

70 38.1 29.6 44.4

55 24.2 18.4 27.6

61 21.2 17.8 26.6

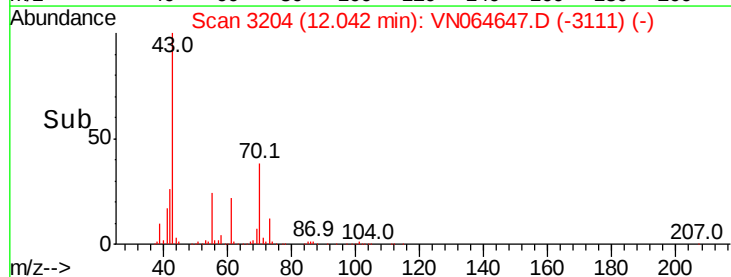
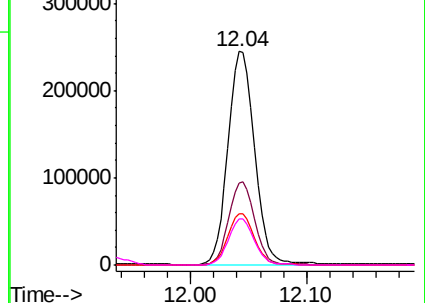


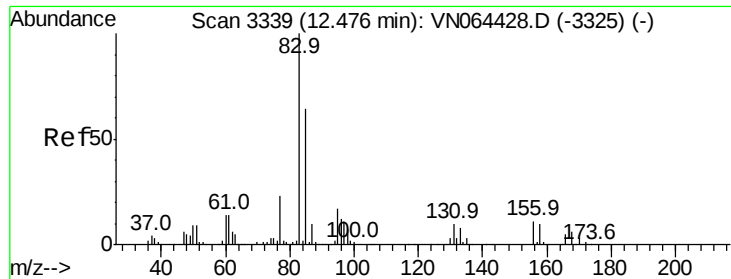
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.302 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

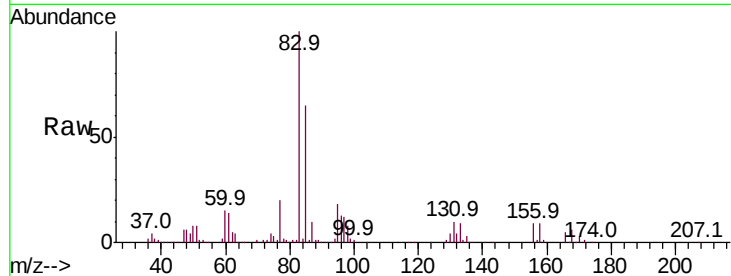
Tot Ion: 83 Resp: 285205

Ion Ratio Lower Upper

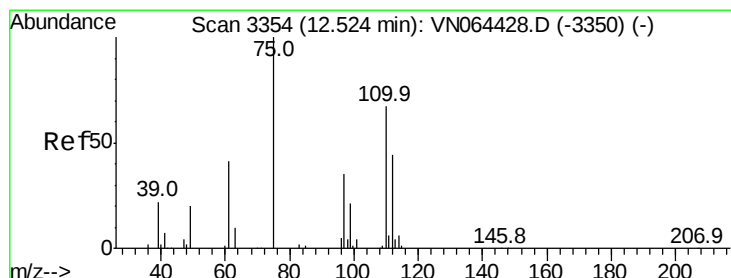
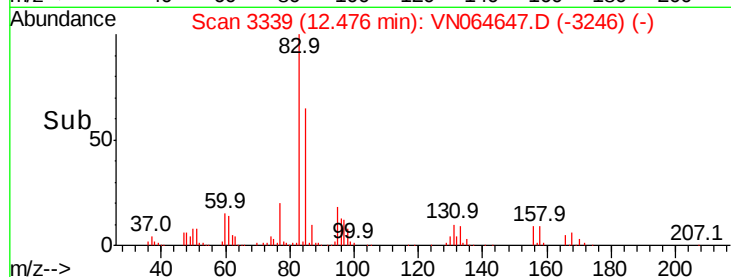
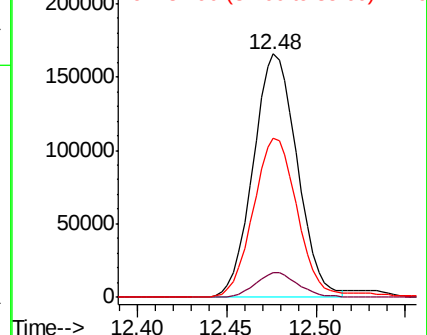
83 100

131 10.0 4.9 14.7

85 66.7 32.1 96.5



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: 68.489 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064647.D

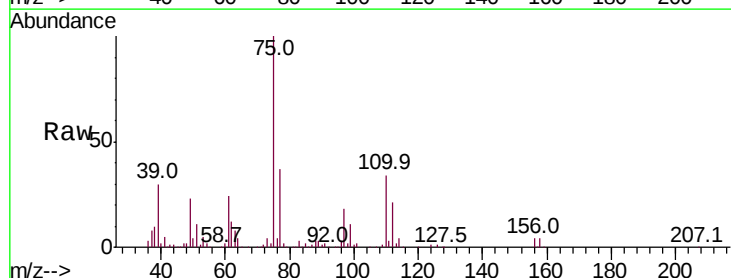
Acq: 13 Nov 2020 21:59

Tgt Ion: 75 Resp: 393208

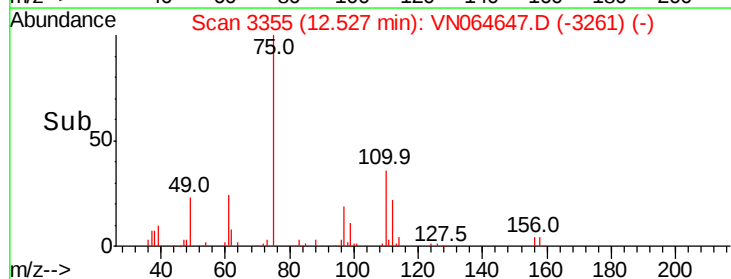
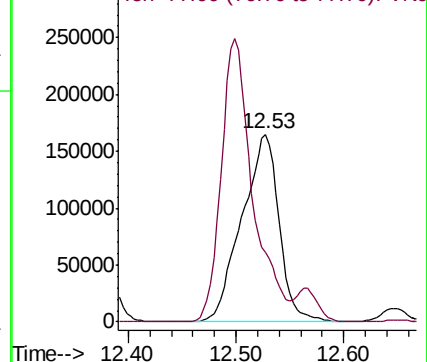
Ion Ratio Lower Upper

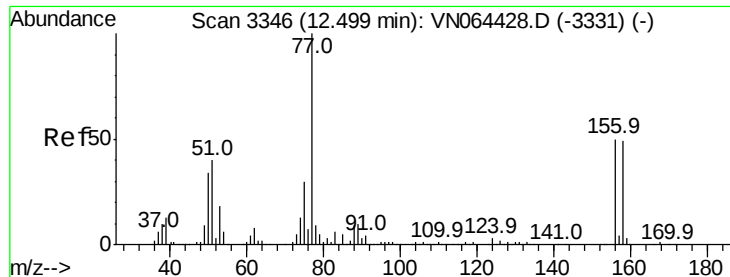
75 100

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: 46.603 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

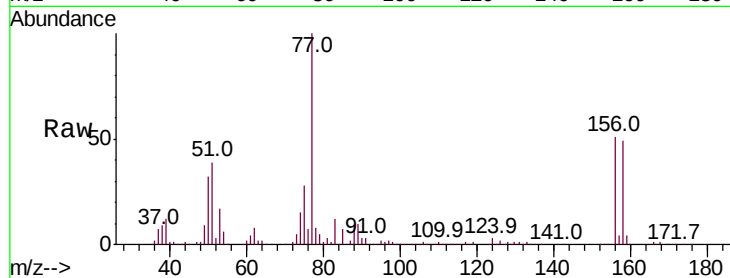
Tot Ion:156 Resp: 214288

Ion Ratio Lower Upper

156 100

77 235.9 119.0 357.0

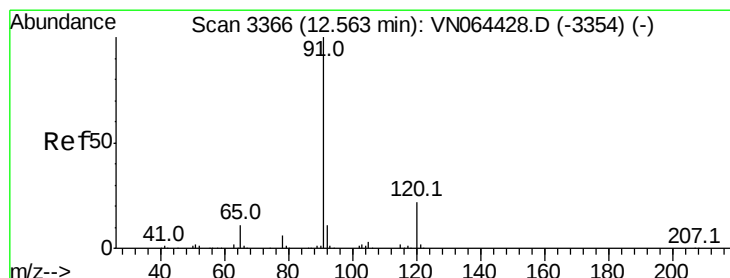
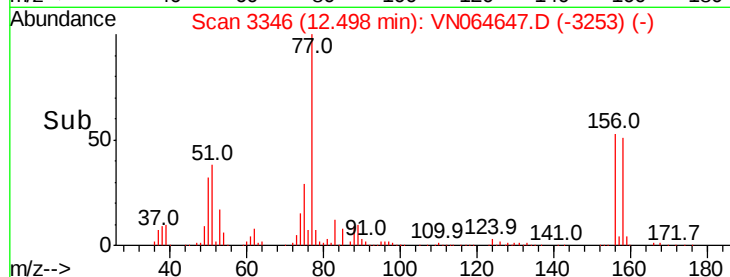
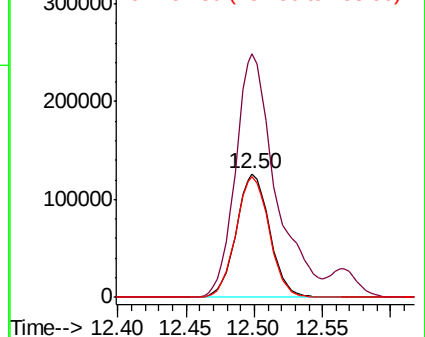
158 97.3 48.4 145.3



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: 48.554 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064647.D

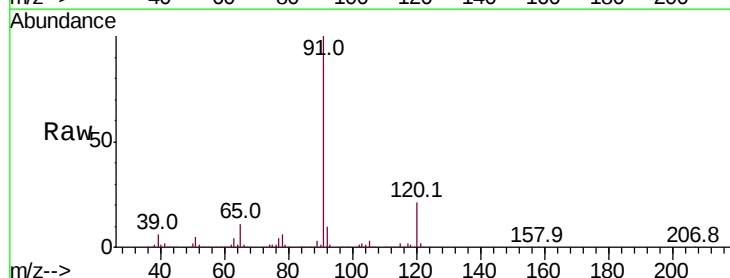
Acq: 13 Nov 2020 21:59

Tgt Ion: 91 Resp: 1042554

Ion Ratio Lower Upper

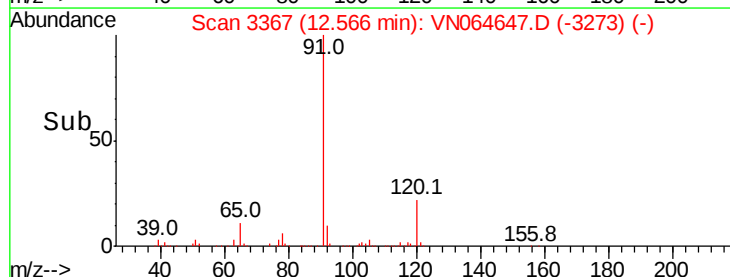
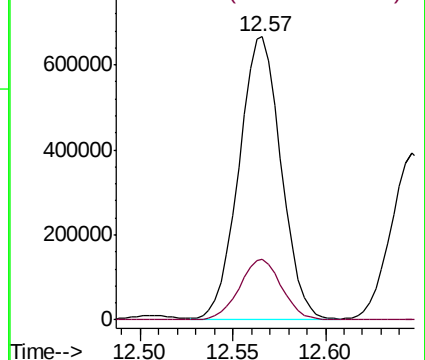
91 100

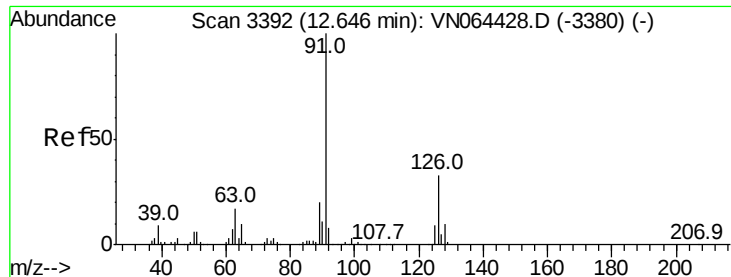
120 21.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.467 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

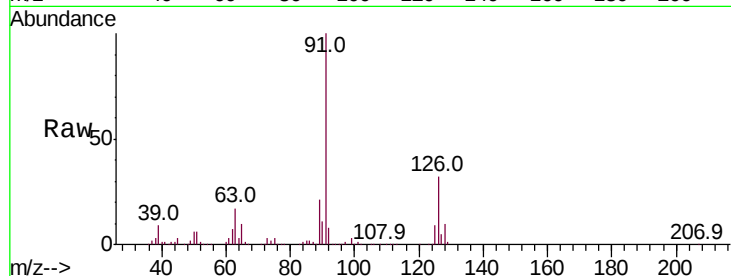
VSTDCCC050EC

Tot Ion: 91 Resp: 646432

Ion Ratio Lower Upper

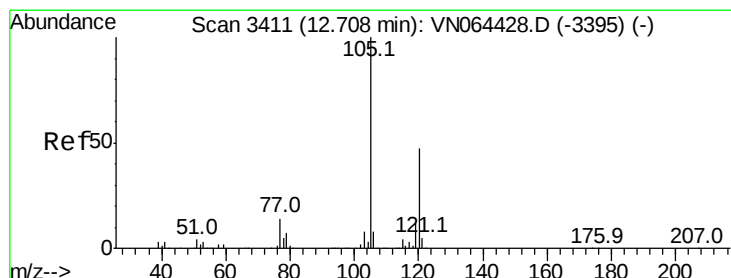
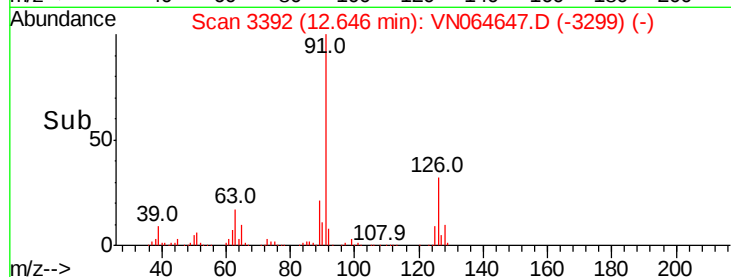
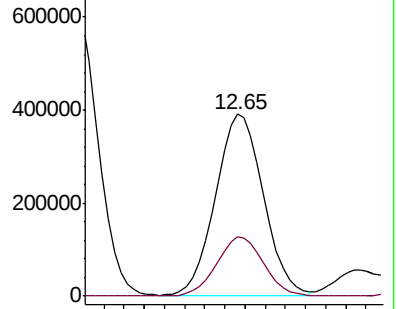
91 100

126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.138 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064647.D

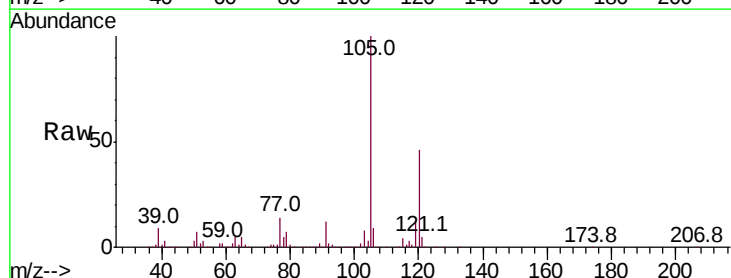
Acq: 13 Nov 2020 21:59

Tgt Ion: 105 Resp: 763477

Ion Ratio Lower Upper

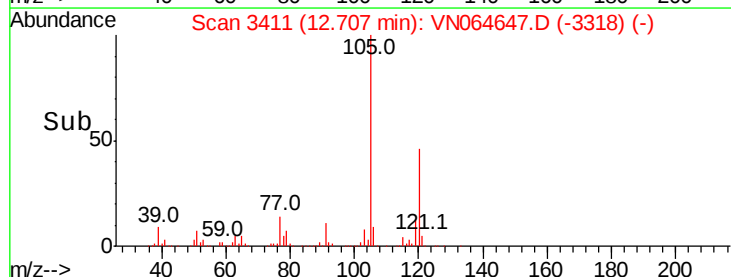
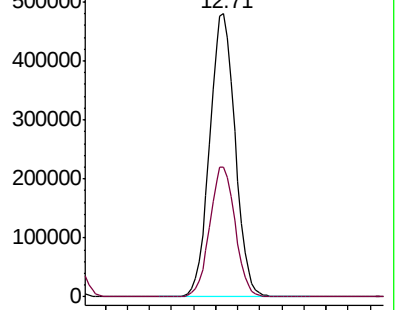
105 100

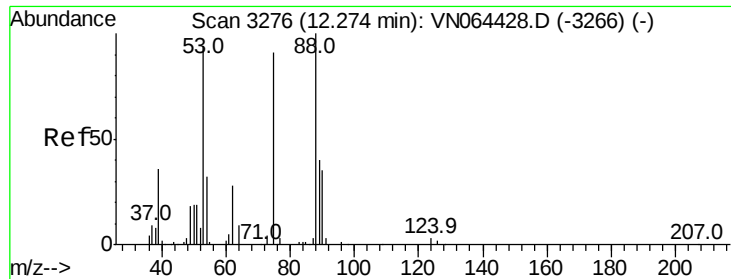
120 45.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.380 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

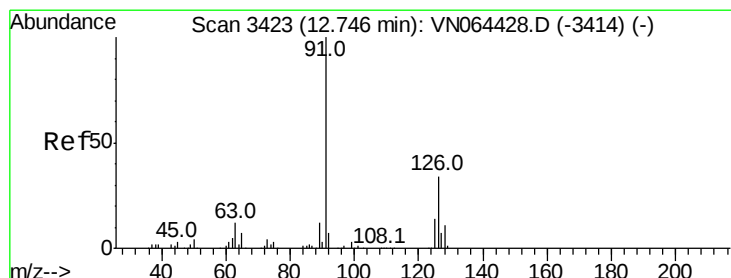
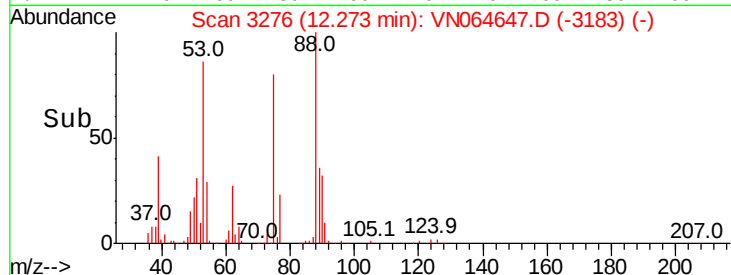
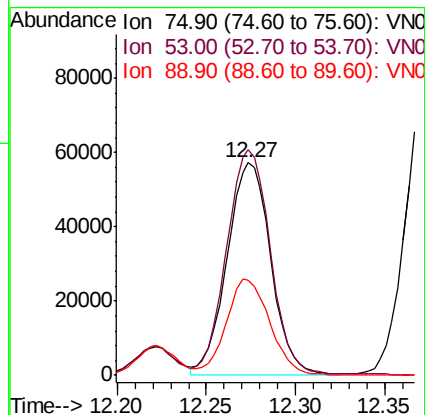
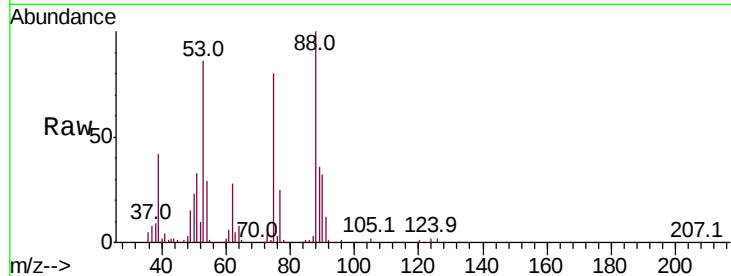
Tot Ion: 75 Resp: 97423

Ion Ratio Lower Upper

75 100

53 105.7 84.0 126.0

89 45.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 48.142 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064647.D

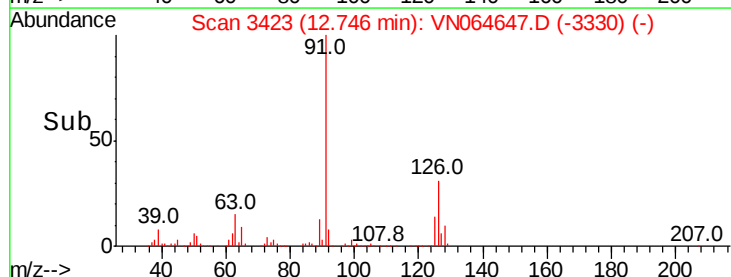
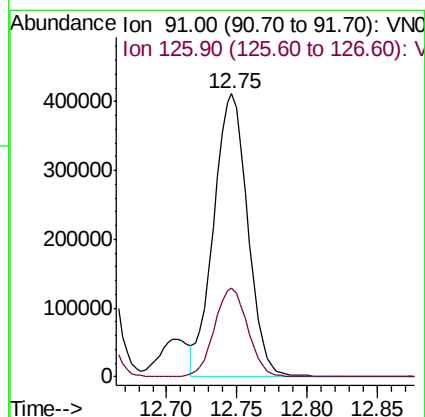
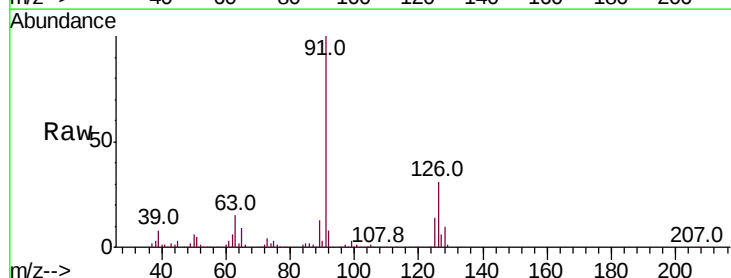
Acq: 13 Nov 2020 21:59

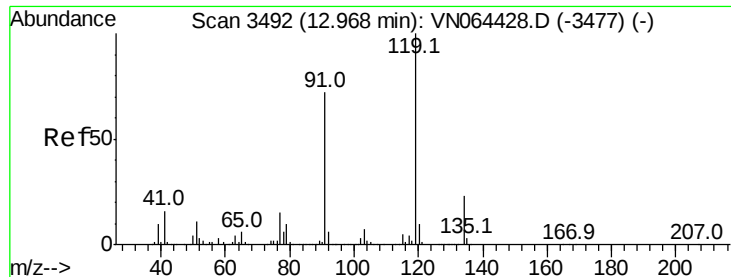
Tgt Ion: 91 Resp: 686596

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2

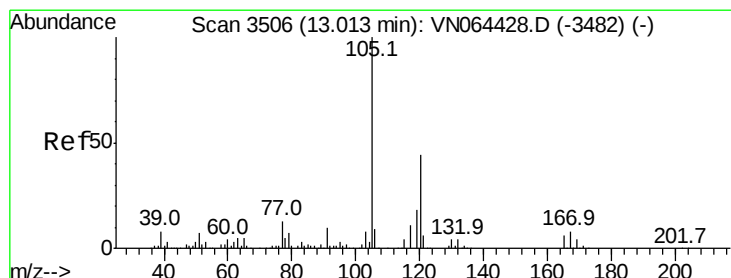
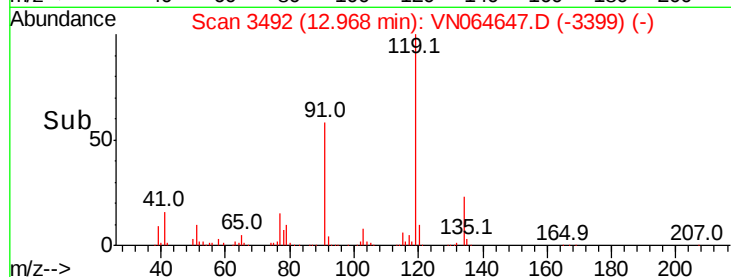
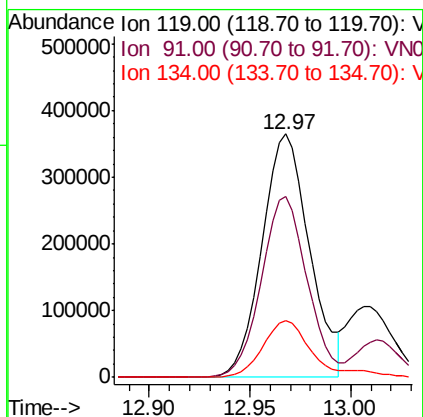
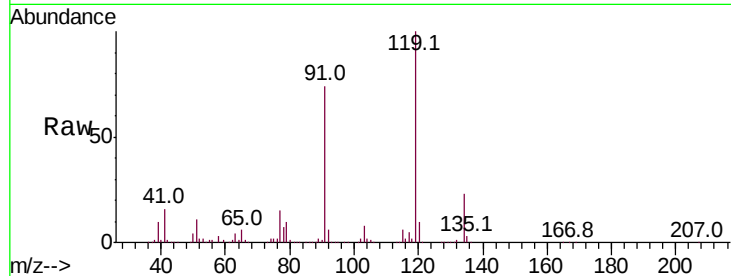




#83
tert-Butylbenzene
Concen: 49.344 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

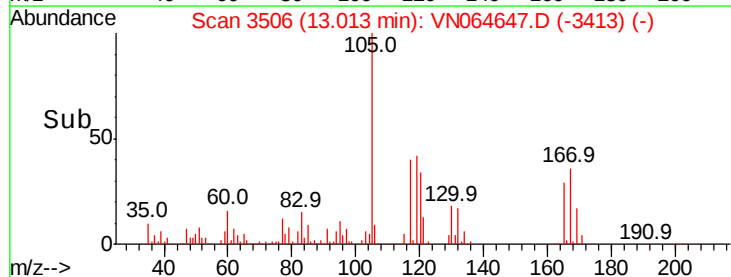
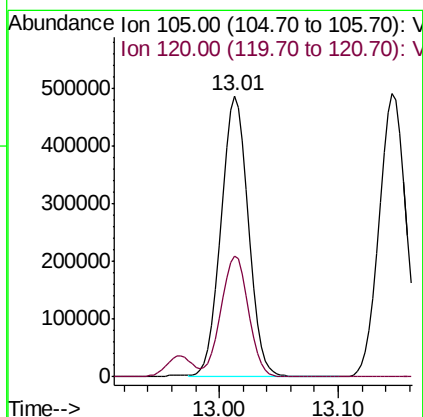
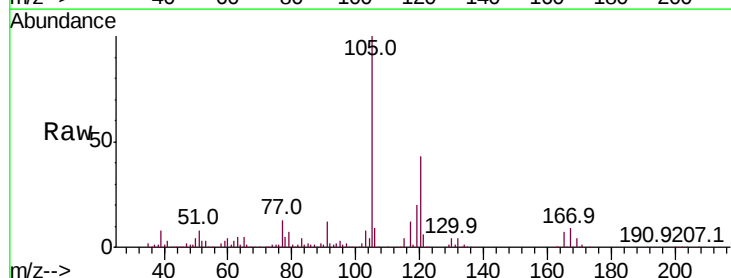
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

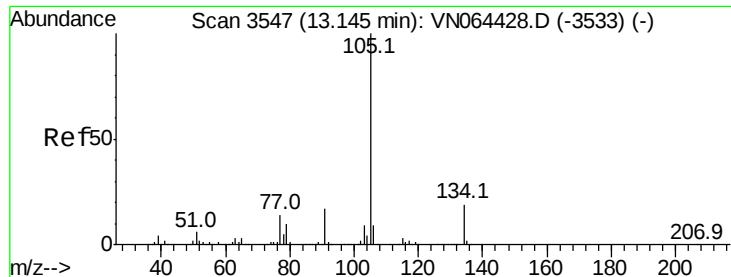
Tot Ion:119 Resp: 598782
Ion Ratio Lower Upper
119 100
91 71.3 36.1 108.3
134 22.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 49.678 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion:105 Resp: 775941
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 50.346 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

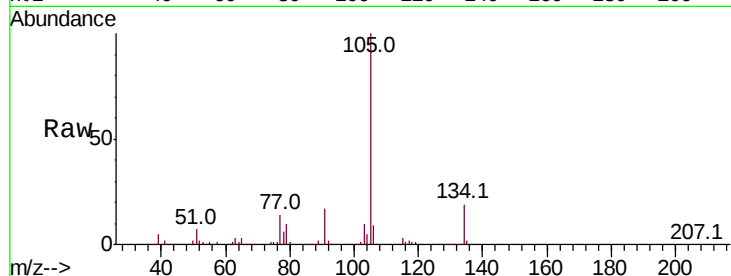
VSTDCCC050EC

Tot Ion:105 Resp: 773738

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

500000

400000

300000

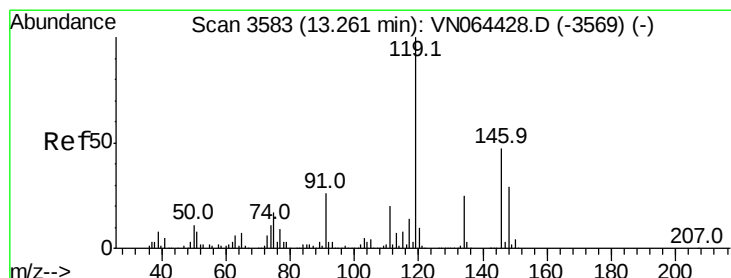
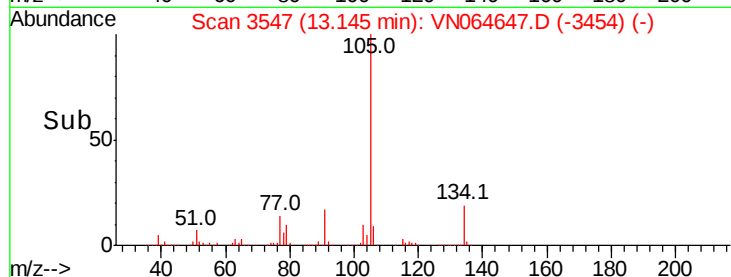
200000

100000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 51.091 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

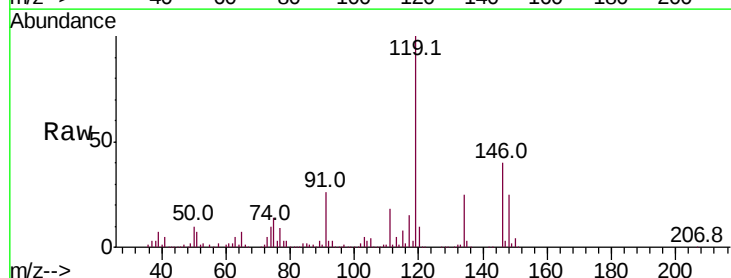
Tgt Ion:119 Resp: 706266

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 26.0 12.8 38.3



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

600000

500000

400000

300000

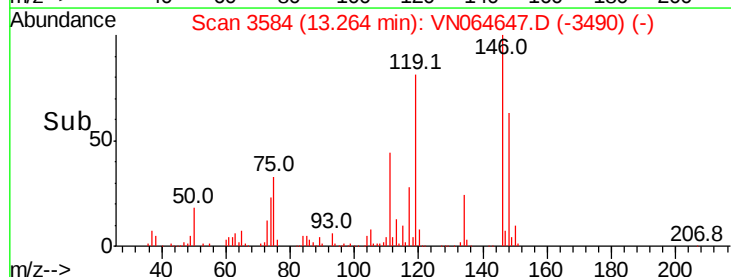
200000

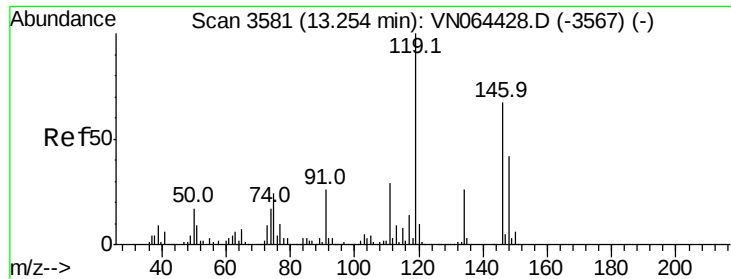
100000

0

Time-->

13.20 13.25 13.30

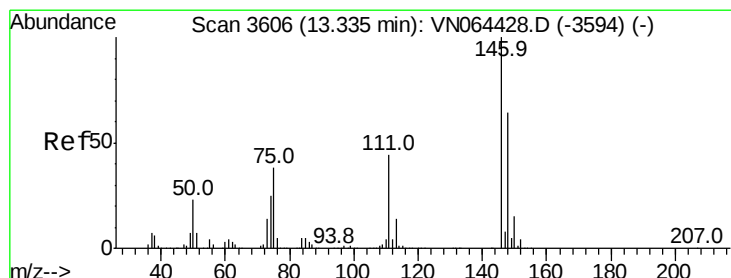
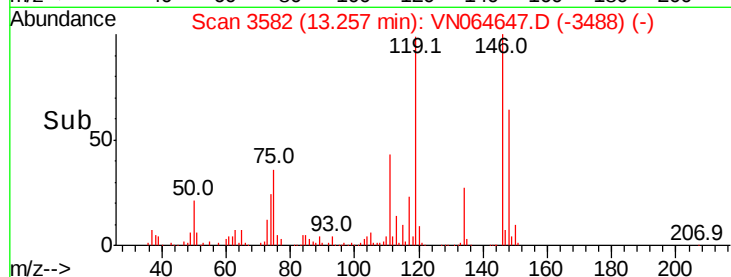
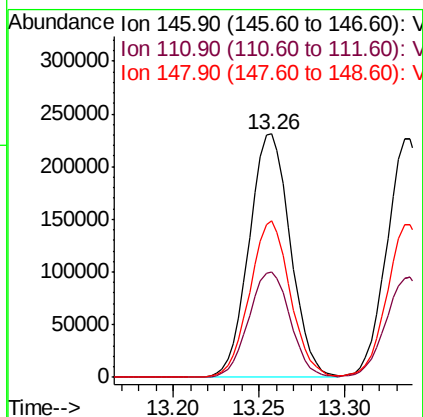
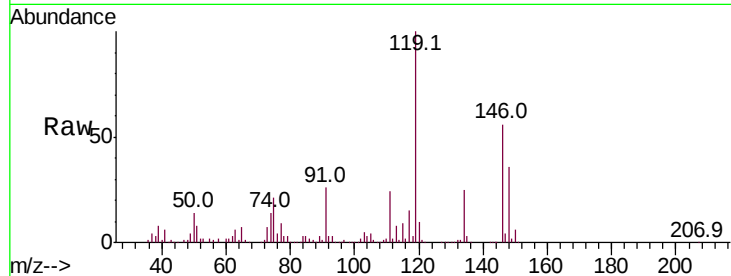




#87
 1,3-Dichlorobenzene
 Concen: 48.414 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

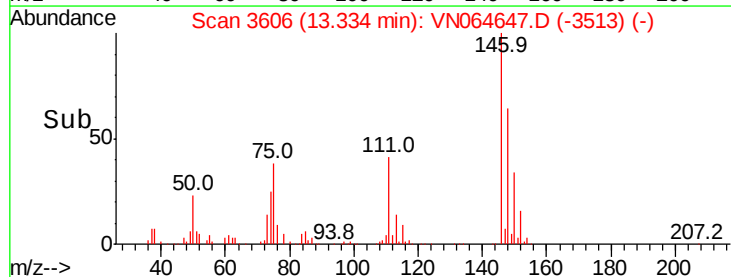
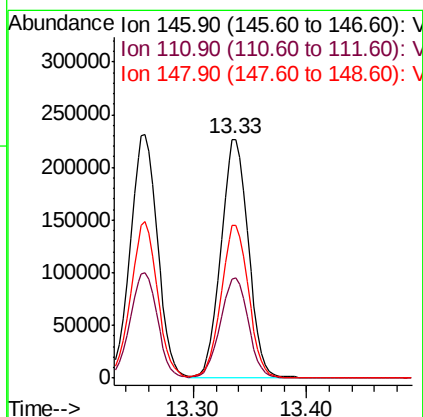
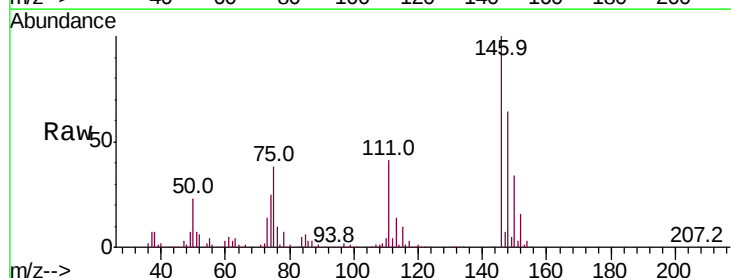
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

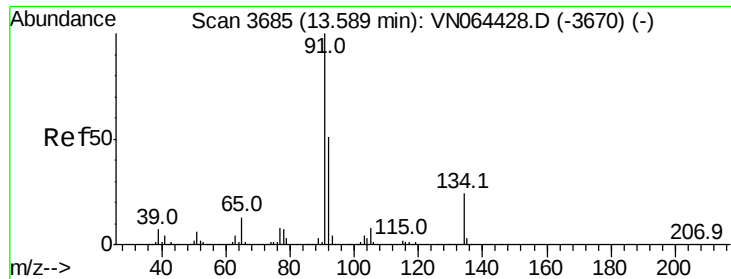
Tot Ion:146 Resp: 384819
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.1 66.1
 148 63.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.583 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion:146 Resp: 382639
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.3
 148 63.9 32.4 97.2

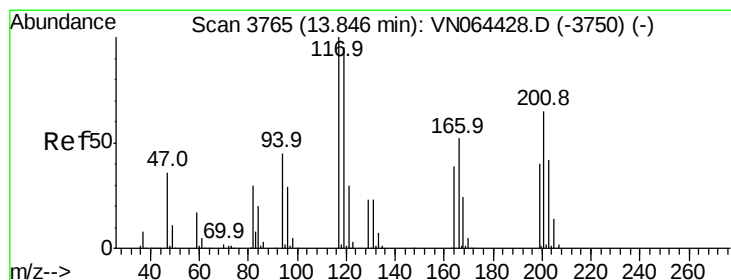
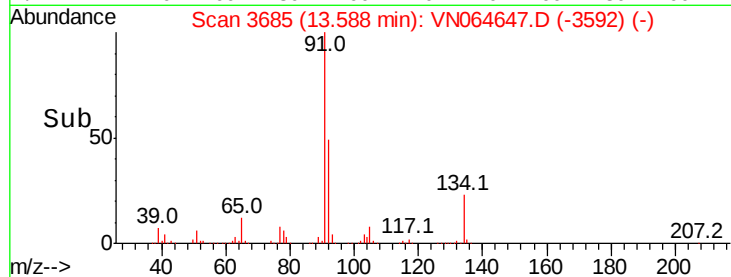
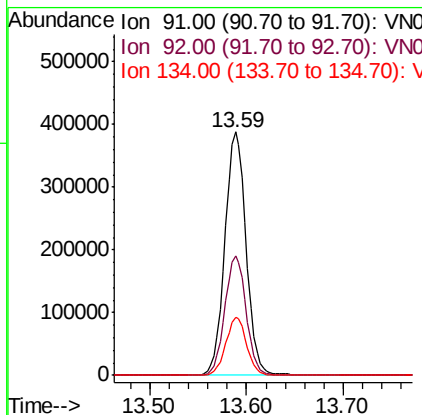
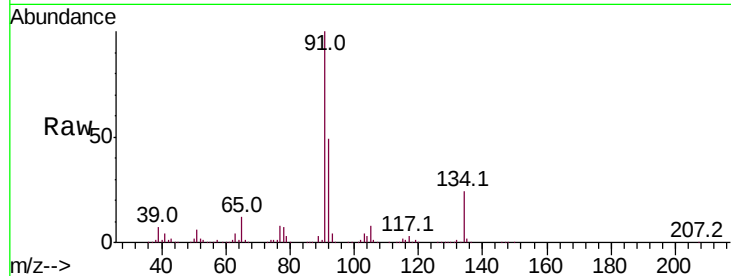




#89
n-Butylbenzene
Concen: 49.710 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

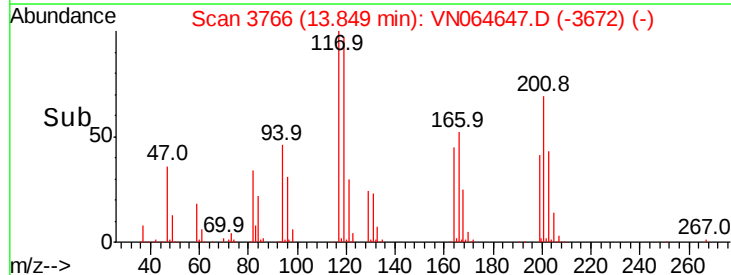
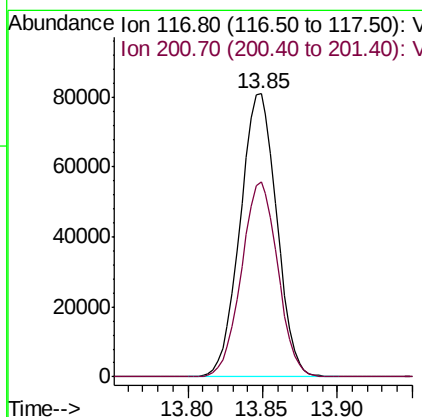
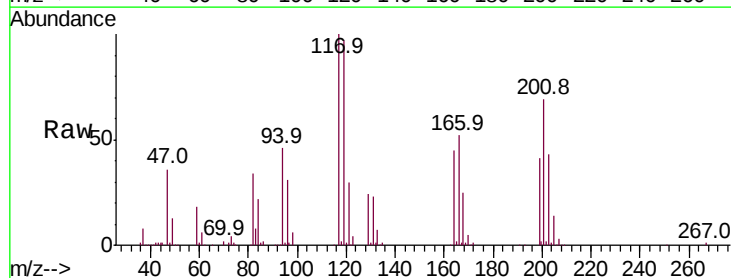
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

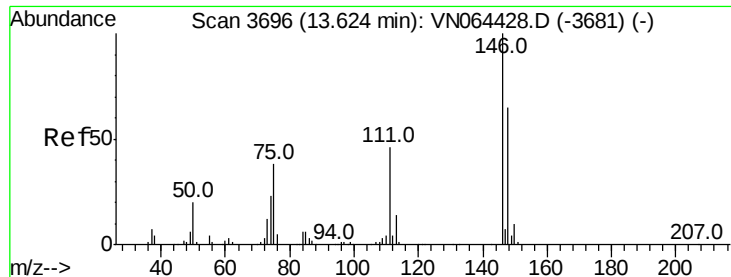
Tot Ion: 91 Resp: 590833
Ion Ratio Lower Upper
91 100
92 49.2 25.3 75.9
134 23.5 11.8 35.4



#90
Hexachloroethane
Concen: 51.683 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064647.D
Acq: 13 Nov 2020 21:59

Tgt Ion: 117 Resp: 137820
Ion Ratio Lower Upper
117 100
201 68.3 32.5 97.5

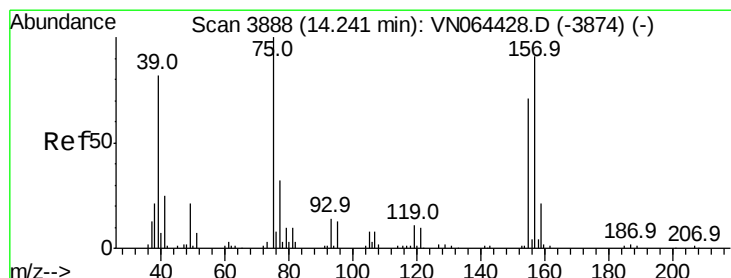
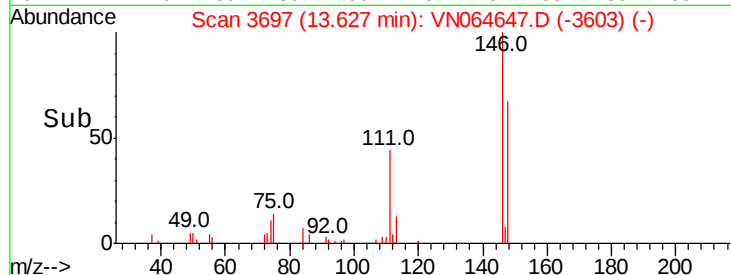
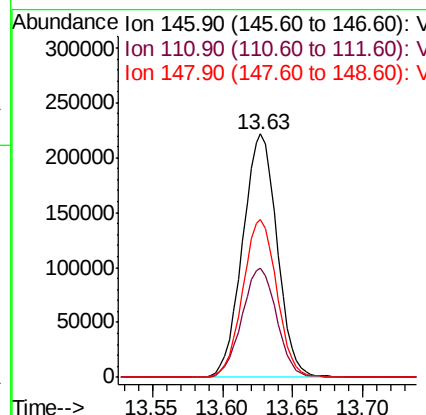
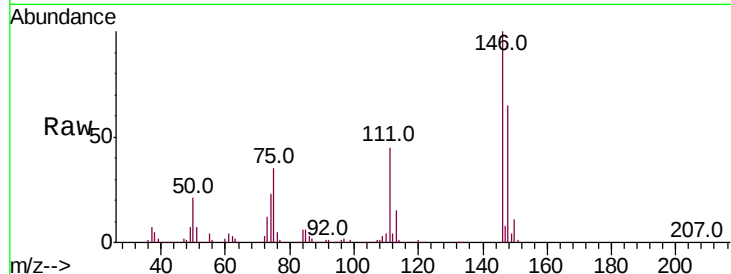




#91
 1,2-Dichlorobenzene
 Concen: 49.767 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

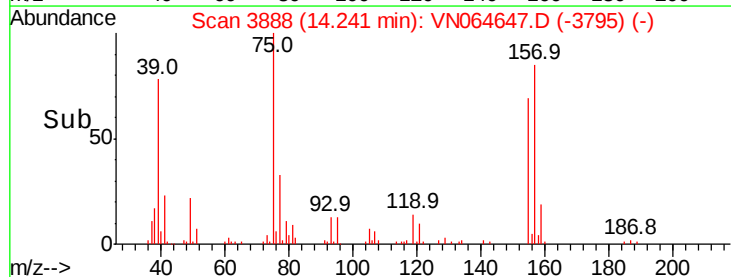
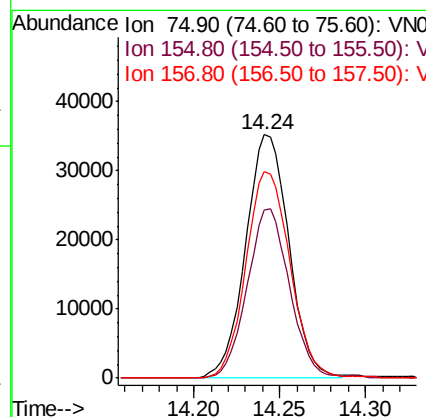
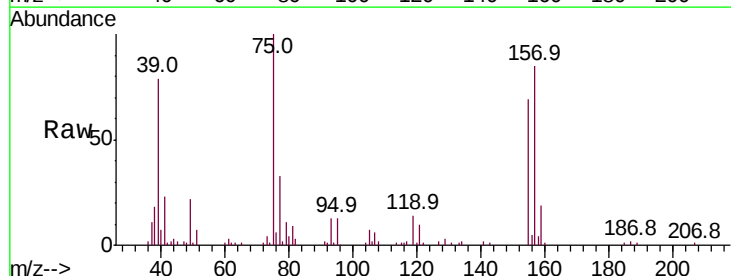
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

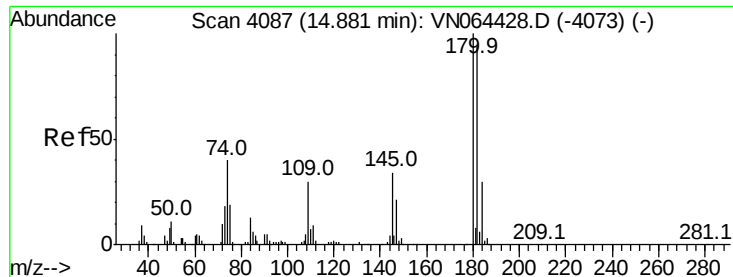
Tot Ion:146 Resp: 380505
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.9 68.7
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.487 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion: 75 Resp: 61603
 Ion Ratio Lower Upper
 75 100
 155 67.5 34.6 103.9
 157 86.3 43.0 128.8

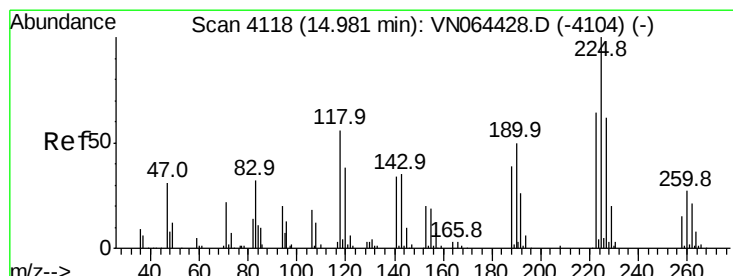
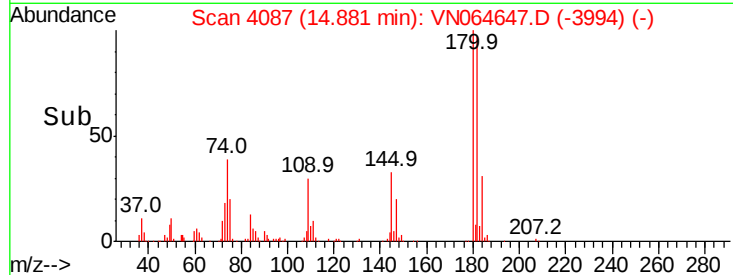
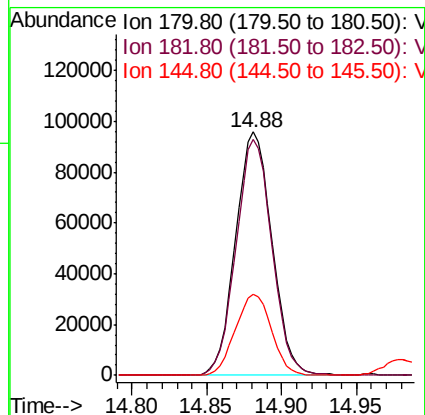
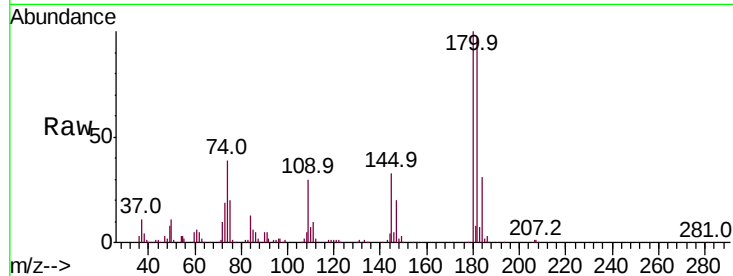




#93
 1,2,4-Trichlorobenzene
 Concen: 43.148 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

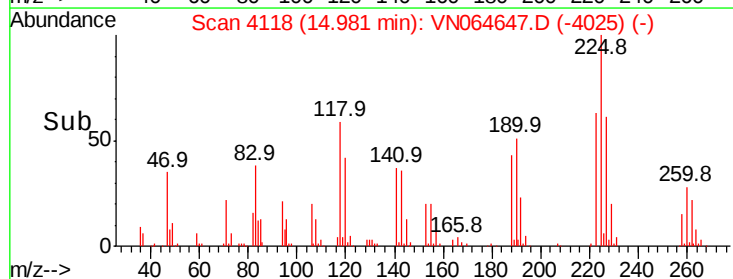
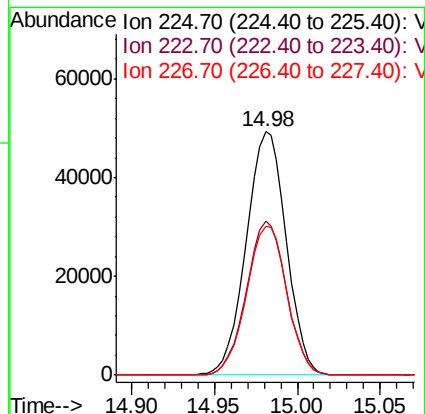
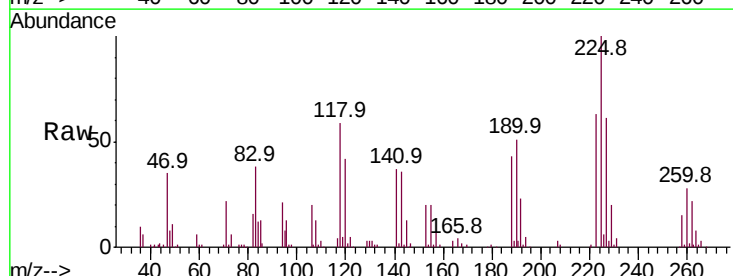
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

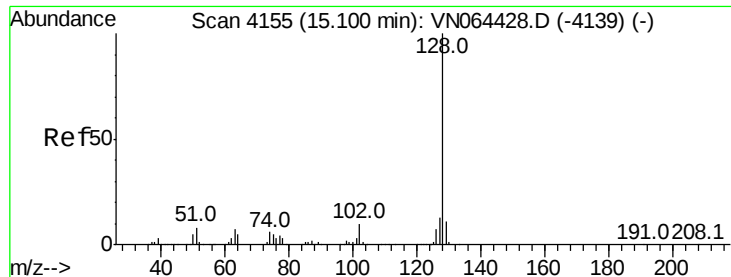
Tot Ion:180 Resp: 162593
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 33.2 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 52.992 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064647.D
 Acq: 13 Nov 2020 21:59

Tgt Ion:225 Resp: 82491
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.8 95.4
 227 62.0 31.8 95.4





#95

Naphthalene

Concen: 40.780 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

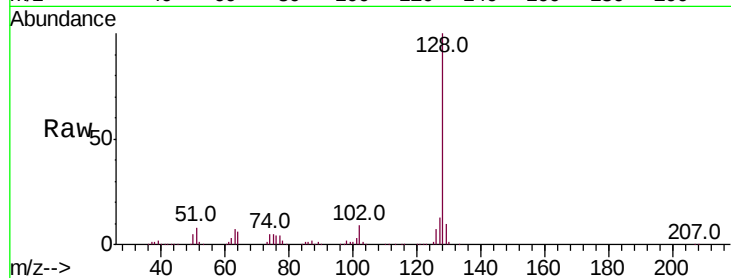
Tot Ion:128 Resp: 520619

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

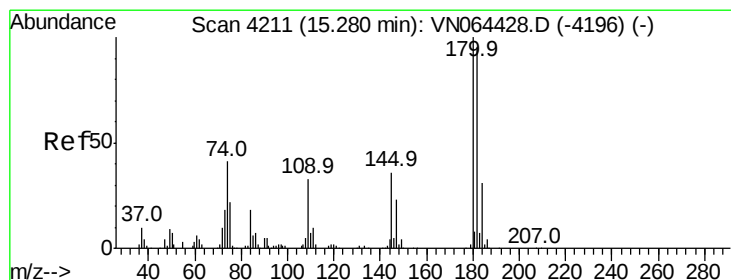
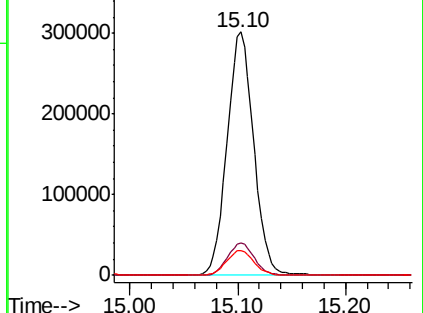
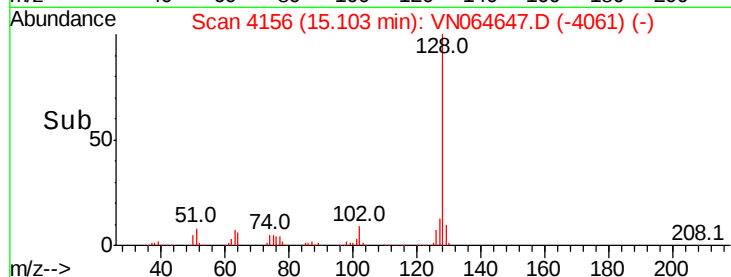
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.618 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064647.D

Acq: 13 Nov 2020 21:59

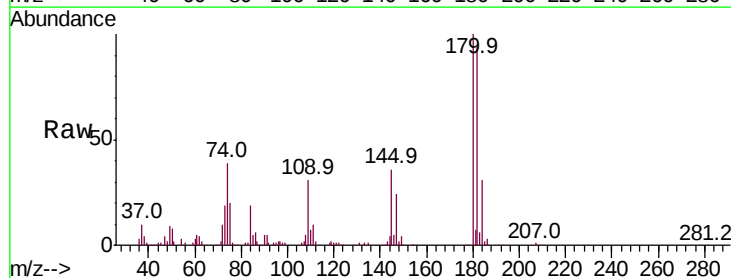
Tgt Ion:180 Resp: 166859

Ion Ratio Lower Upper

180 100

182 94.4 47.7 143.1

145 34.4 18.3 54.8



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

