

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064320.D
 Acq On : 27 Oct 2020 11:16
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 27 11:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 11:34:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	254056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	382775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	194641	51.02	ug/l	0.00
Spiked Amount			Recovery	=	102.04%	
35) Dibromofluoromethane	7.55	113	135979	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	10.06	98	492535	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.38	95	196689	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	150537	54.525	ug/l	100
3) Chloromethane	2.04	50	153640	52.576	ug/l	100
4) Vinyl Chloride	2.16	62	156628	53.657	ug/l	100
5) Bromomethane	2.52	94	99441	52.092	ug/l	100
6) Chloroethane	2.67	64	89692	50.724	ug/l	100
7) Trichlorofluoromethane	2.98	101	258526	53.819	ug/l	100
8) Diethyl Ether	3.37	74	83465	52.591	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	128792	51.958	ug/l	100
10) Methyl Iodide	3.91	142	178683	50.988	ug/l	100
11) Tert butyl alcohol	4.73	59	152596	290.103	ug/l	100
12) 1,1-Dichloroethene	3.69	96	124017	51.990	ug/l	100
13) Acrolein	3.56	56	28871	102.777	ug/l	100
14) Allyl chloride	4.28	41	248058	52.059	ug/l	100
15) Acrylonitrile	4.93	53	342243	313.136	ug/l	100
16) Acetone	3.77	43	365250	320.642	ug/l	100
17) Carbon Disulfide	4.01	76	356799	52.487	ug/l	100
18) Methyl Acetate	4.28	43	155463	55.196	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	481409	57.422	ug/l	100
20) Methylene Chloride	4.50	84	145860	50.414	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	134883	51.348	ug/l	100
22) Diisopropyl ether	5.90	45	492760	54.634	ug/l	100
23) Vinyl Acetate	5.84	43	2213938	276.794	ug/l	100
24) 1,1-Dichloroethane	5.80	63	275533	53.303	ug/l	100
25) 2-Butanone	6.78	43	532711	299.352	ug/l	100
26) 2,2-Dichloropropane	6.78	77	268340	52.199	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	159188	51.777	ug/l	100
28) Bromochloromethane	7.15	49	127935	52.022	ug/l	100
29) Tetrahydrofuran	7.17	42	346437	320.859	ug/l	100
30) Chloroform	7.33	83	289902	52.523	ug/l	100
31) Cyclohexane	7.61	56	231791	50.874	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	278480	53.912	ug/l	100
36) 1,1-Dichloropropene	7.75	75	212337	50.948	ug/l	100
37) Ethyl Acetate	6.88	43	219603	56.777	ug/l	100
38) Carbon Tetrachloride	7.73	117	253799	53.228	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210468	54.990	ug/l	100
40) Benzene	8.00	78	588234	51.098	ug/l	100
41) Methacrylonitrile	7.12	41	100645	49.767	ug/l	100
42) 1,2-Dichloroethane	8.08	62	260686	52.500	ug/l	100
43) Isopropyl Acetate	8.13	43	377865	53.077	ug/l	100
44) Trichloroethene	8.80	130	161275	51.344	ug/l	100
45) 1,2-Dichloropropane	9.08	63	159024	51.843	ug/l	100
46) Dibromomethane	9.17	93	114796	55.282	ug/l	100
47) Bromodichloromethane	9.37	83	244621	53.513	ug/l	100
48) Methyl methacrylate	9.16	41	189122	51.136	ug/l	100
49) 1,4-Dioxane	9.16	88	56664	1247.019	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1107396	287.666	ug/l	100
52) Toluene	10.13	92	375603	51.114	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	265177	52.469	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	278776	52.212	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	148757	53.339	ug/l	100
56) Ethyl methacrylate	10.40	69	232275	53.820	ug/l	100
57) 1,3-Dichloropropane	10.68	76	260619	53.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	583069	263.273	ug/l	100
59) 2-Hexanone	10.72	43	832871	295.239	ug/l	100
60) Dibromochloromethane	10.87	129	186419	51.688	ug/l	100
61) 1,2-Dibromoethane	10.98	107	160176	54.282	ug/l	100
64) Tetrachloroethene	10.60	164	157831	51.061	ug/l	100
65) Chlorobenzene	11.41	112	397749	50.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	159537	50.926	ug/l	100
67) Ethyl Benzene	11.48	91	749532	51.579	ug/l	100
68) m/p-Xylenes	11.59	106	552015	102.447	ug/l	100
69) o-Xylene	11.92	106	262517	50.715	ug/l	100
70) Styrene	11.94	104	457052	52.445	ug/l	100
71) Bromoform	12.10	173	128742	53.076	ug/l #	100
73) Isopropylbenzene	12.22	105	708473	50.104	ug/l	100
74) N-amyl acetate	12.04	43	328561	53.396	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	200818	52.798	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	309600	76.426	ug/l #	100
77) Bromobenzene	12.50	156	174001	51.732	ug/l	100
78) n-propylbenzene	12.57	91	822421	51.408	ug/l	100
79) 2-Chlorotoluene	12.65	91	505684	51.444	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	607242	50.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	82751	52.691	ug/l	100
82) 4-Chlorotoluene	12.75	91	528202	51.558	ug/l	100
83) tert-Butylbenzene	12.97	119	491054	50.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	617795	51.753	ug/l	100
85) sec-Butylbenzene	13.14	105	630510	51.017	ug/l	100
86) p-Isopropyltoluene	13.26	119	582151	51.660	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	305399	51.252	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	303907	49.945	ug/l	100
89) n-Butylbenzene	13.59	91	501434	49.990	ug/l	100
90) Hexachloroethane	13.85	117	112362	54.077	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	296210	50.777	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53010	55.507	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 11:34:47 2020
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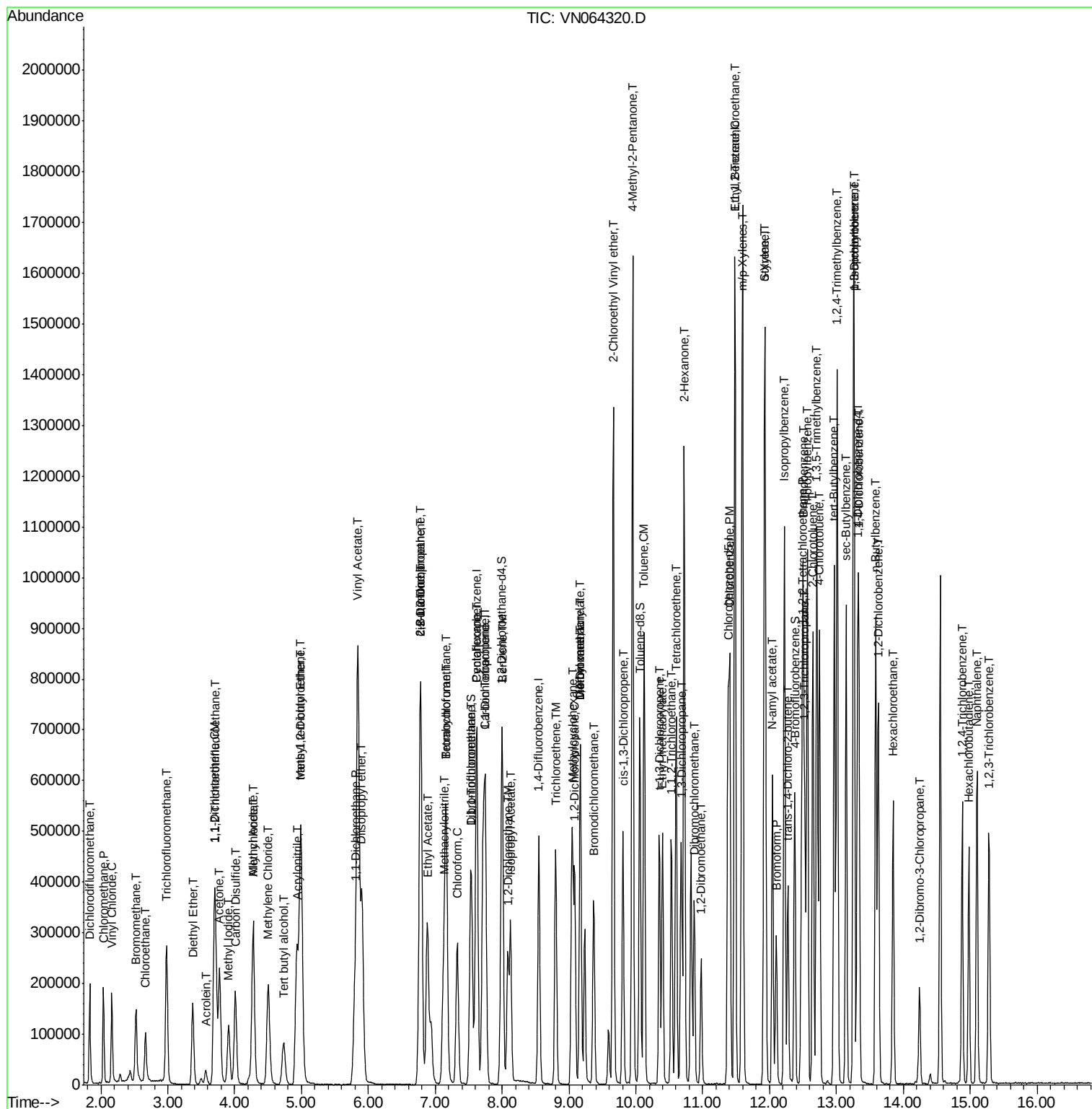
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	167597	51.614	ug/l	100
94) Hexachlorobutadiene	14.98	225	85379	48.541	ug/l	100
95) Naphthalene	15.10	128	506113	51.901	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	161418	50.183	ug/l	100

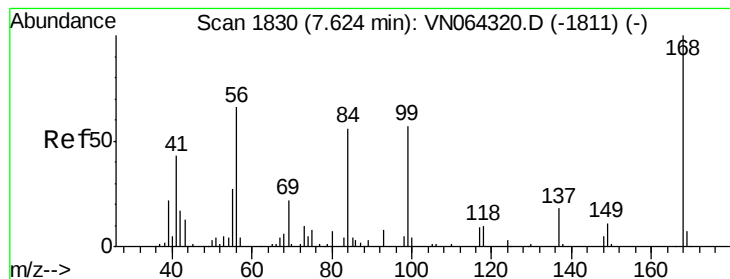
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

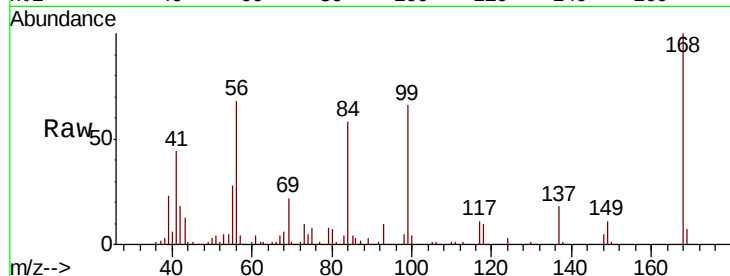
VSTDICCC050

Tot Ion:168 Resp: 254056

Ion Ratio Lower Upper

168 100

99 65.9 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

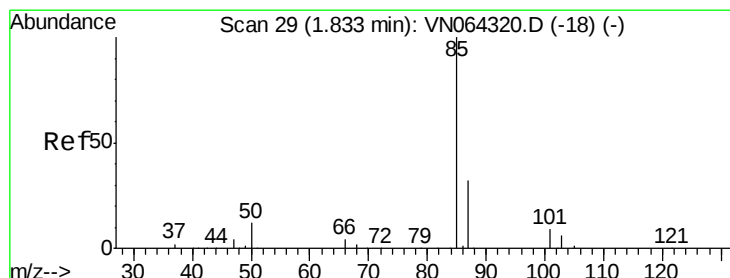
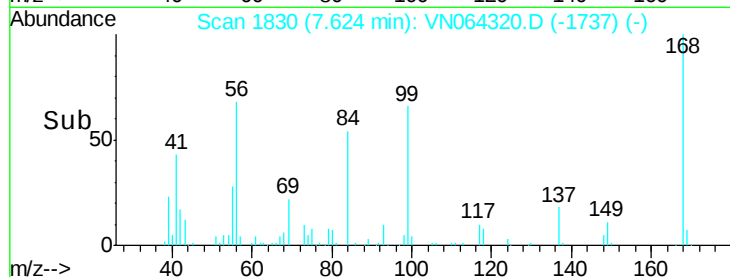
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 54.525 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064320.D

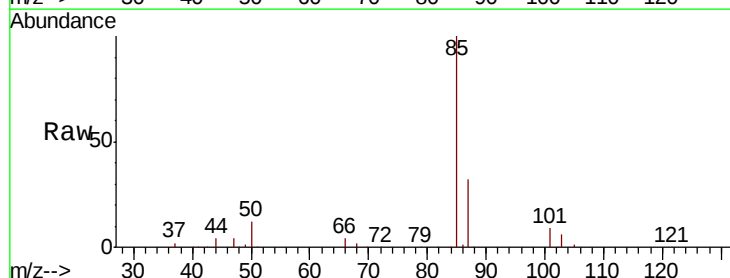
Acq: 27 Oct 2020 11:16

Tgt Ion: 85 Resp: 150537

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

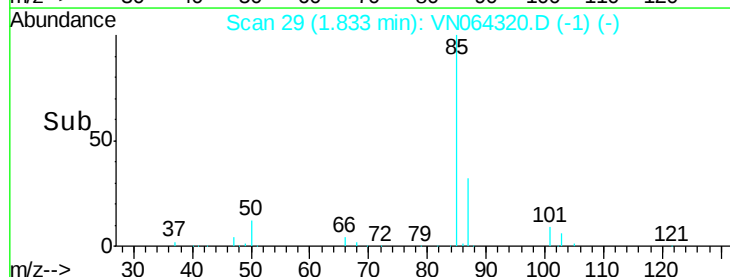
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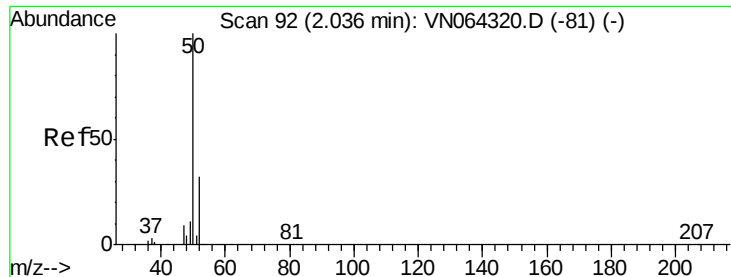
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 52.576 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

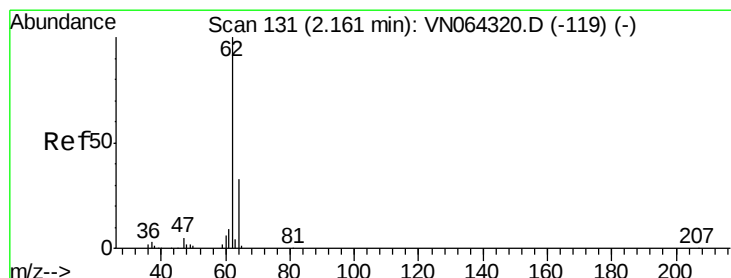
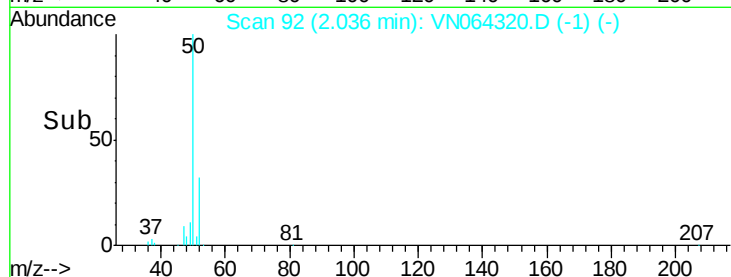
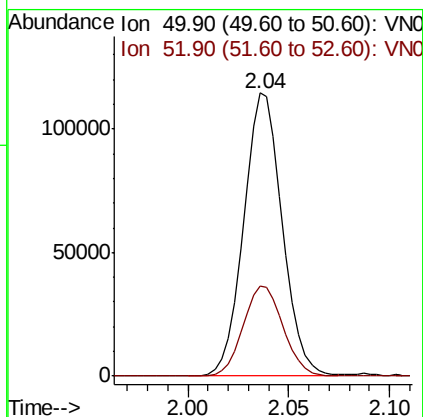
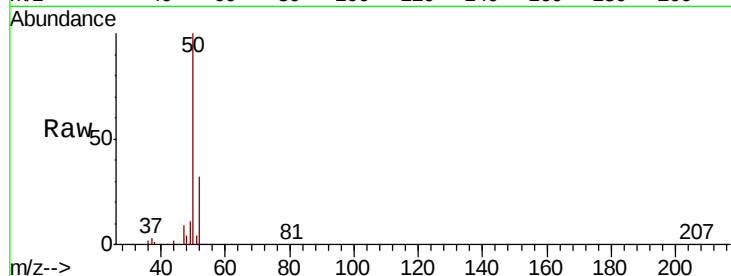
VSTDICCC050

Tot Ion: 50 Resp: 153640

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 53.657 ug/l

RT: 2.16 min Scan# 131

Delta R.T. 0.00 min

Lab File: VN064320.D

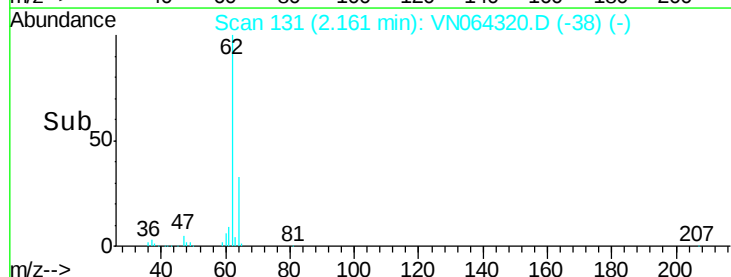
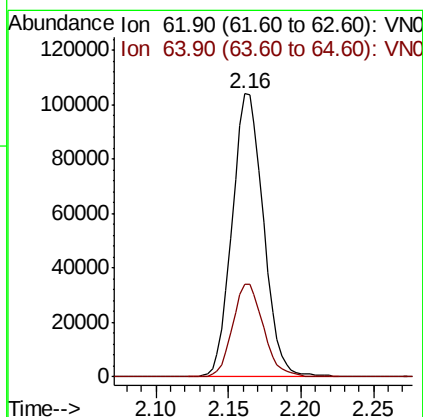
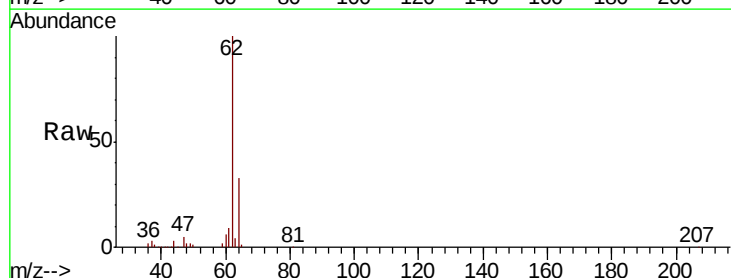
Acq: 27 Oct 2020 11:16

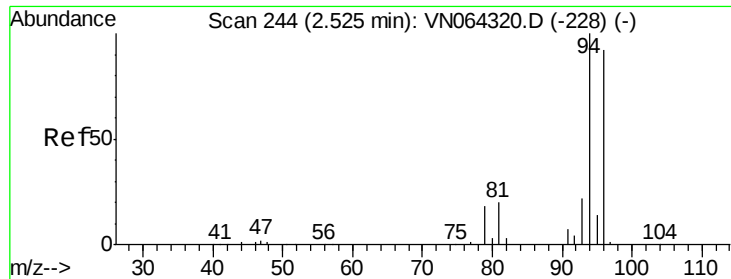
Tgt Ion: 62 Resp: 156628

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.4





#5

Bromomethane

Concen: 52.092 ug/l

RT: 2.52 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampled :

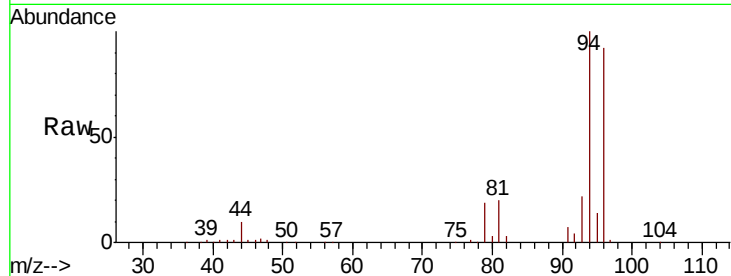
VSTDICCC050

Tot Ion: 94 Resp: 99441

Ion Ratio Lower Upper

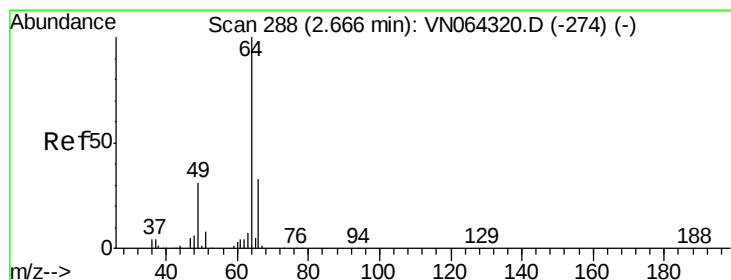
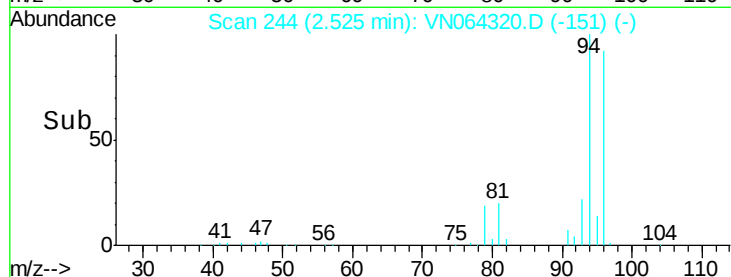
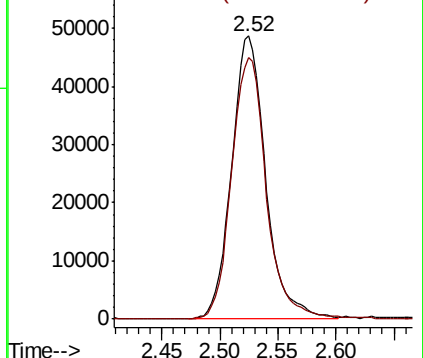
94 100

96 92.0 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 50.724 ug/l

RT: 2.67 min Scan# 288

Delta R.T. 0.00 min

Lab File: VN064320.D

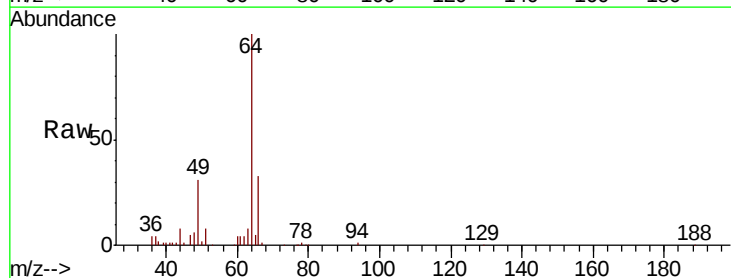
Acq: 27 Oct 2020 11:16

Tgt Ion: 64 Resp: 89692

Ion Ratio Lower Upper

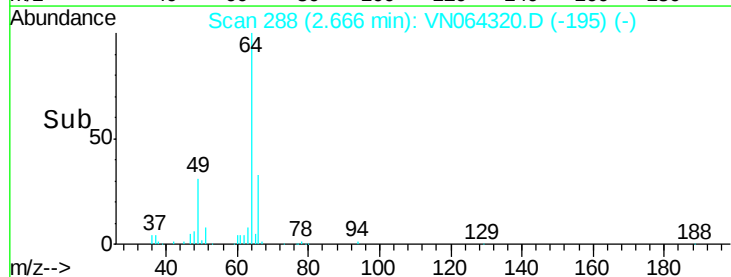
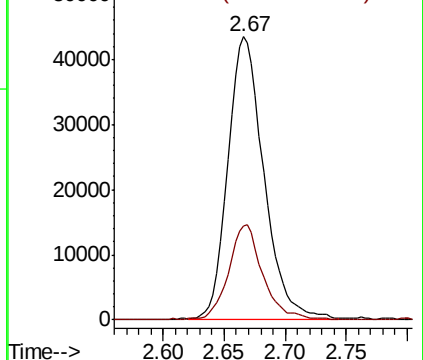
64 100

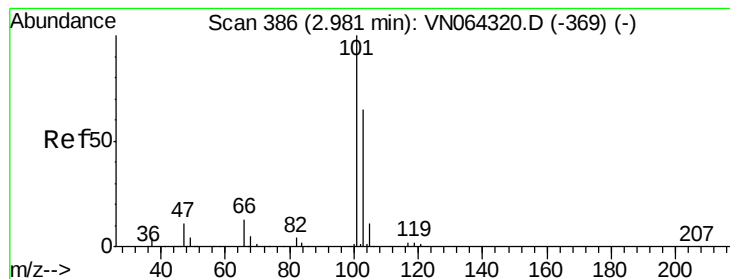
66 33.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



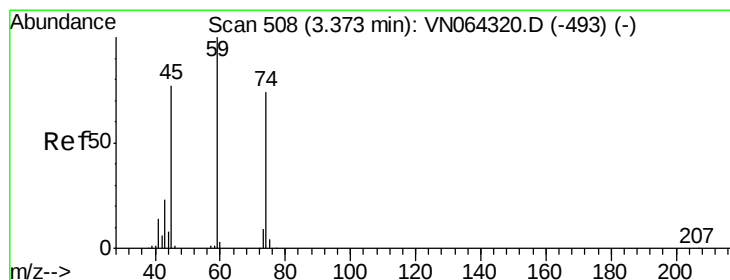
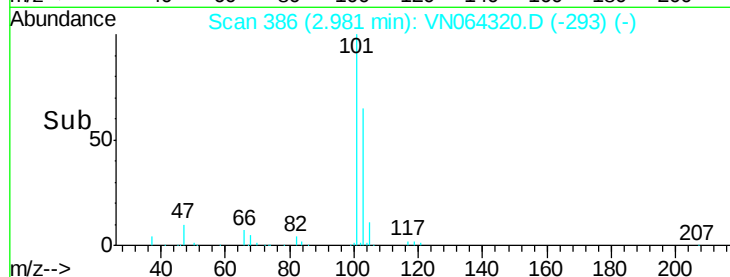
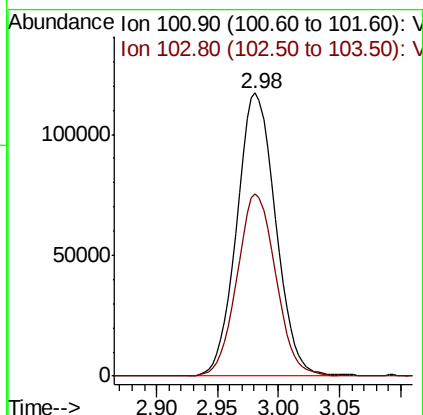
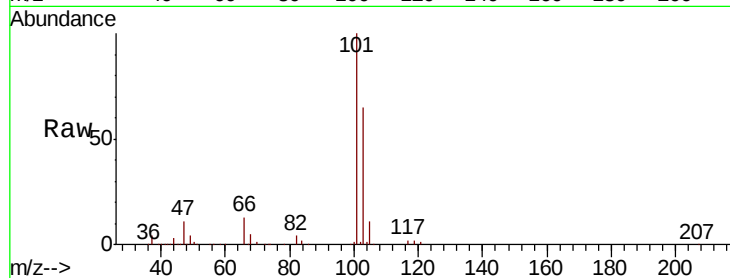


#7

Trichlorofluoromethane
 Concen: 53.819 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Instrument :
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 VSTDICCC050

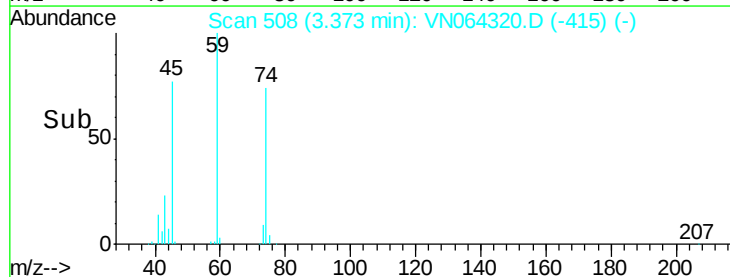
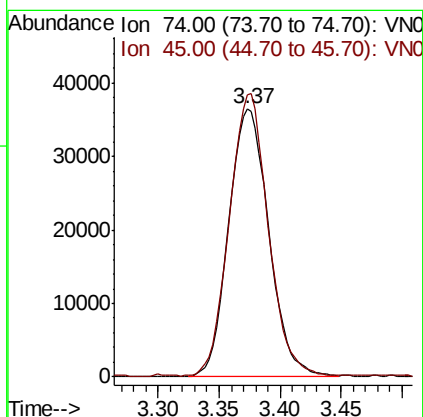
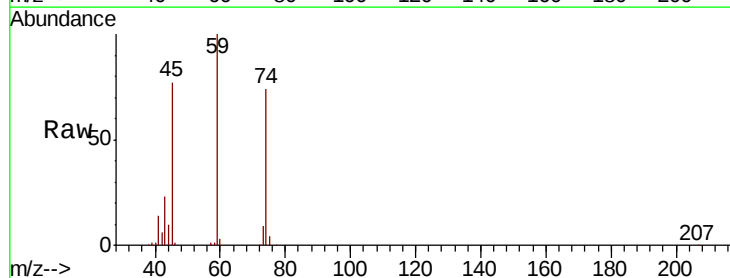
Tot Ion:101 Resp: 258526
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

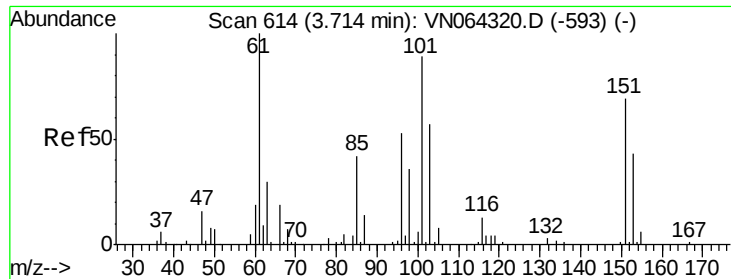


#8

Diethyl Ether
 Concen: 52.591 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 74 Resp: 83465
 Ion Ratio Lower Upper
 74 100
 45 102.7 51.3 154.0

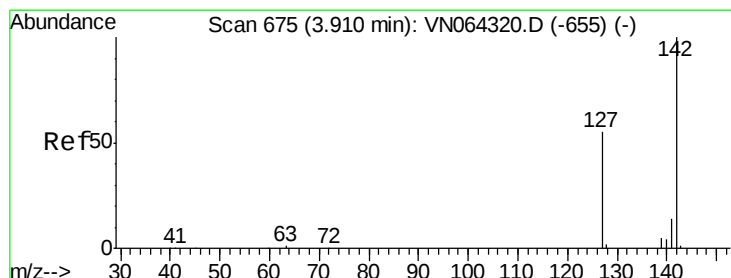
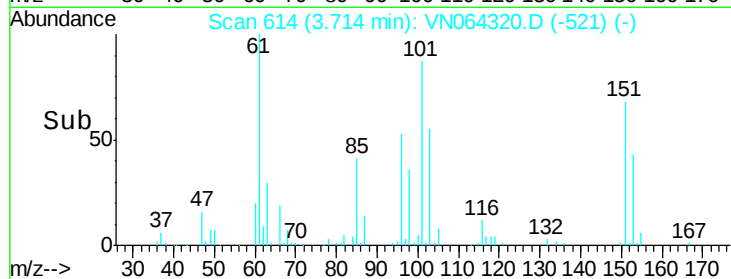
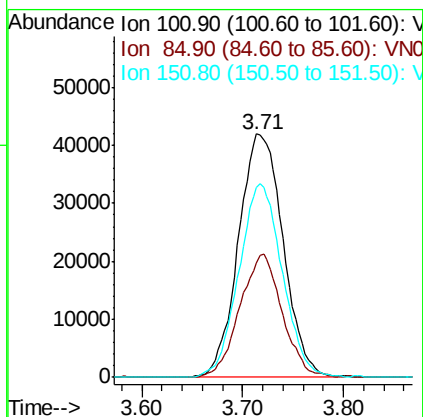
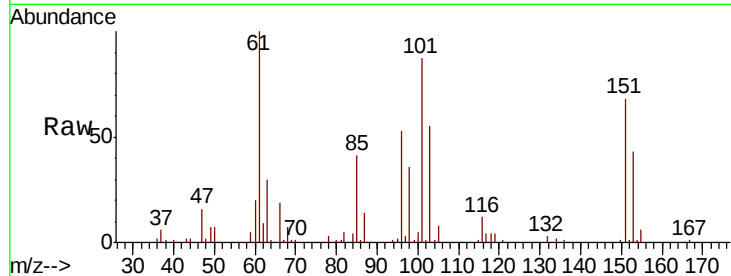




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.958 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

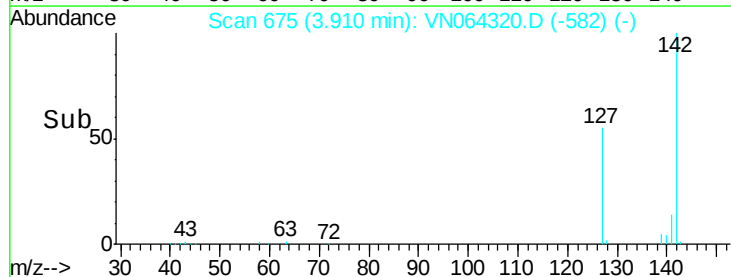
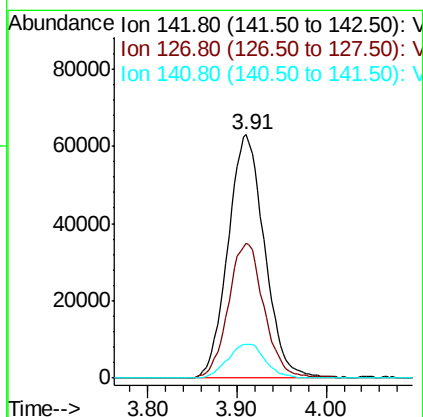
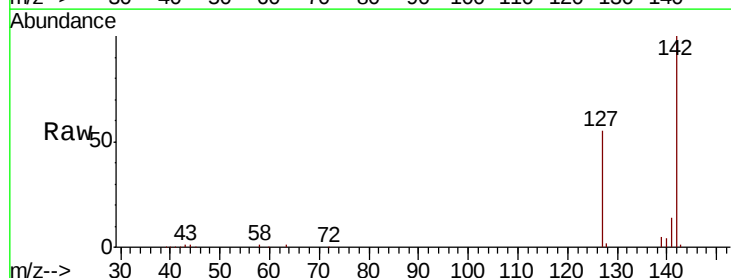
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

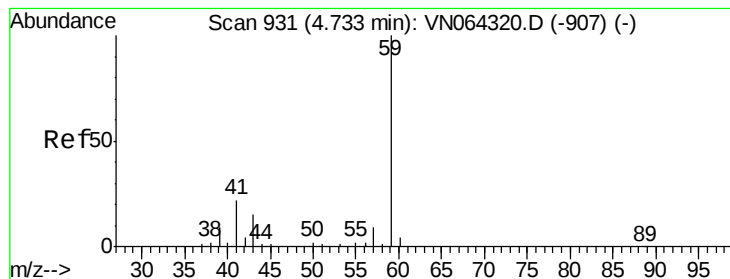
Tot Ion:101 Resp: 128792
 Ion Ratio Lower Upper
 101 100
 85 48.0 38.4 57.6
 151 77.5 62.0 93.0



#10
 Methyl Iodide
 Concen: 50.988 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion:142 Resp: 178683
 Ion Ratio Lower Upper
 142 100
 127 54.1 43.3 64.9
 141 14.4 11.5 17.3



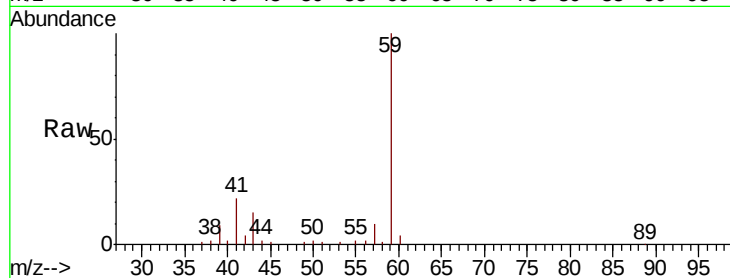


#11

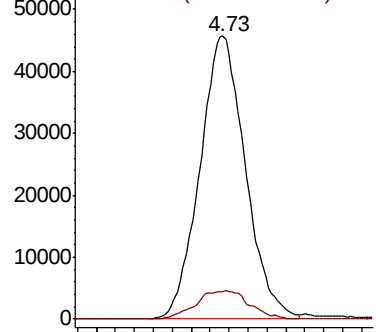
Tert butyl alcohol
 Concen: 290.103 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

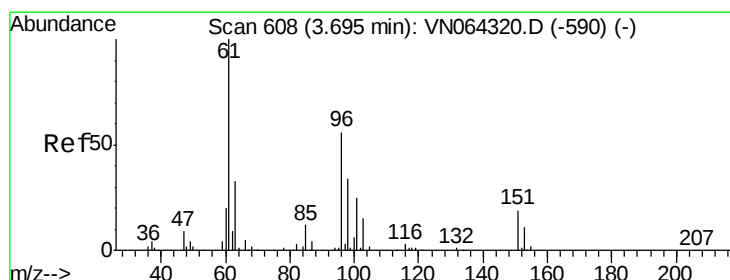
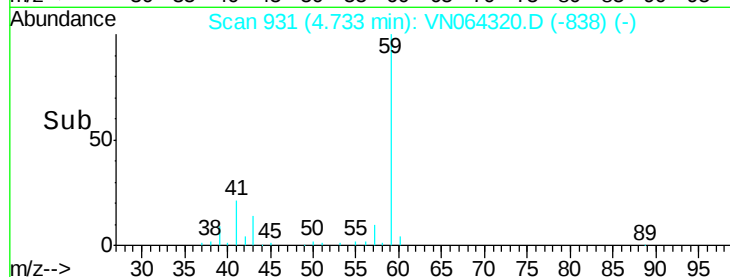
Tot Ion: 59 Resp: 152596
 Ion Ratio Lower Upper
 59 100
 57 11.7 9.4 14.0



Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



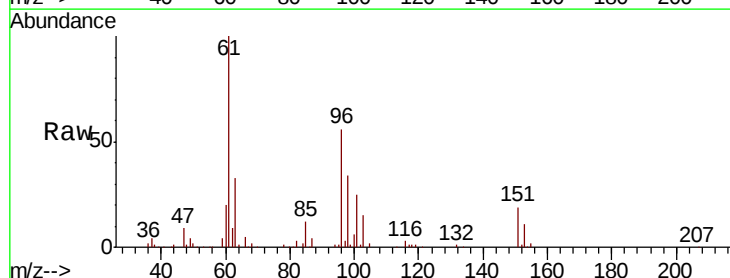
Time-->



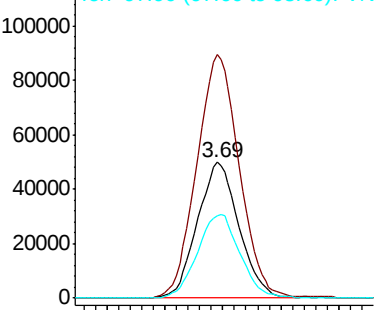
#12

1,1-Dichloroethene
 Concen: 51.990 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

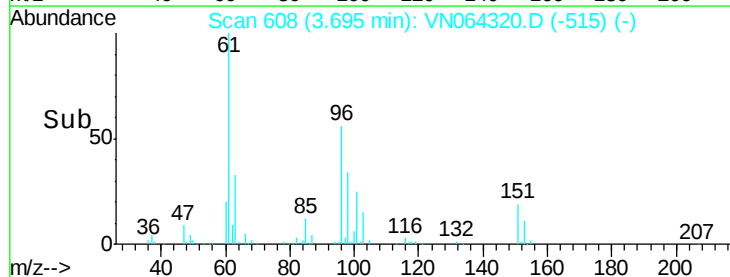
Tgt Ion: 96 Resp: 124017
 Ion Ratio Lower Upper
 96 100
 61 179.5 143.6 215.4
 98 60.8 48.6 73.0

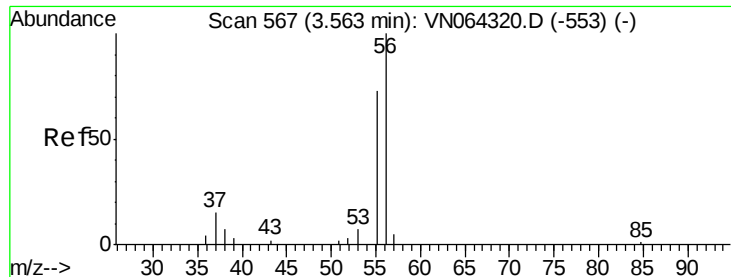


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0



Time-->





#13

Acrolein

Concen: 102.777 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampled :

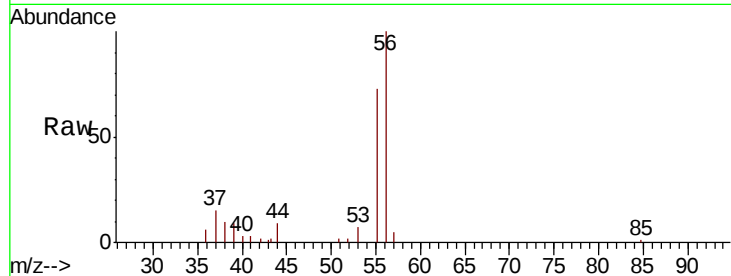
VSTDICCC050

Tot Ion: 56 Resp: 28871

Ion Ratio Lower Upper

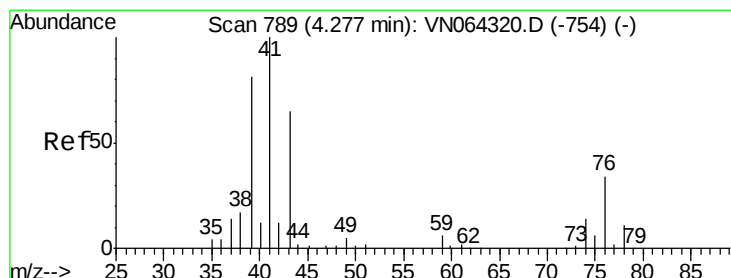
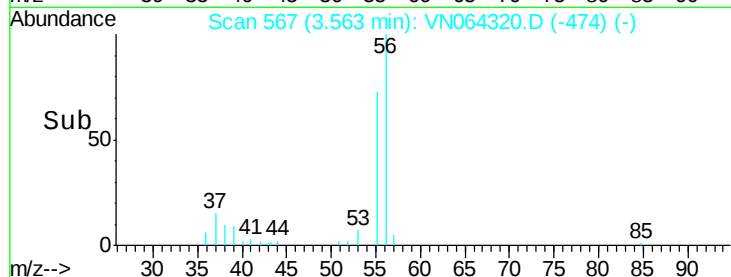
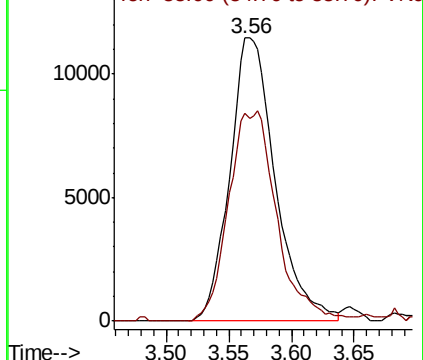
56 100

55 78.3 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.059 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

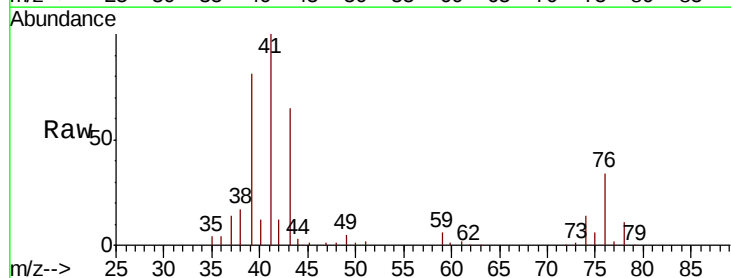
Tgt Ion: 41 Resp: 248058

Ion Ratio Lower Upper

41 100

39 77.1 61.7 92.5

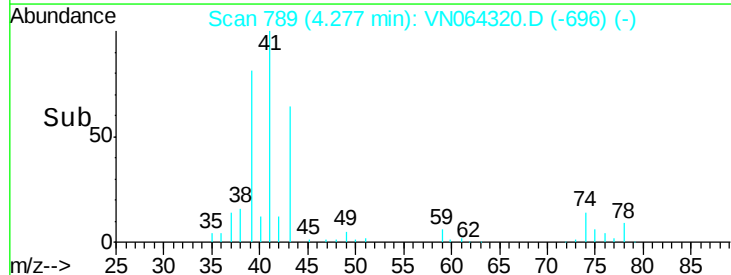
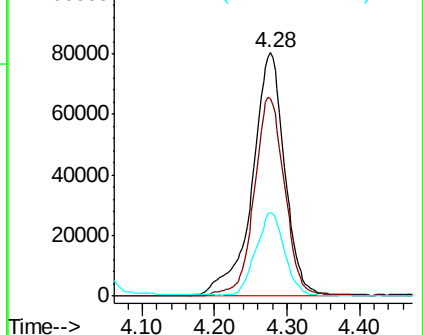
76 30.0 24.0 36.0

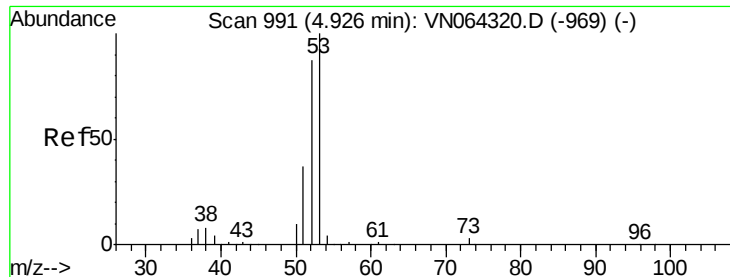


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 313.136 ug/l

RT: 4.93 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

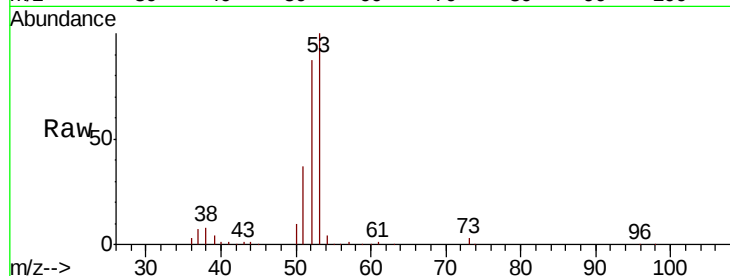
Tot Ion: 53 Resp: 342243

Ion Ratio Lower Upper

53 100

52 82.4 65.9 98.9

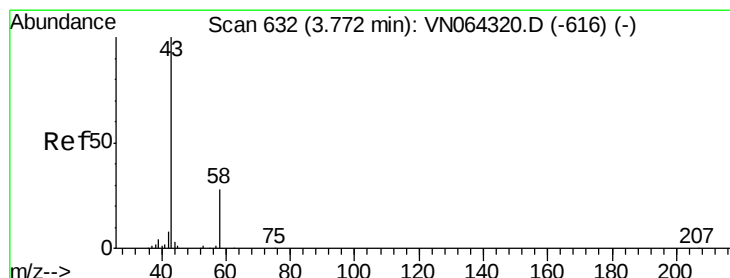
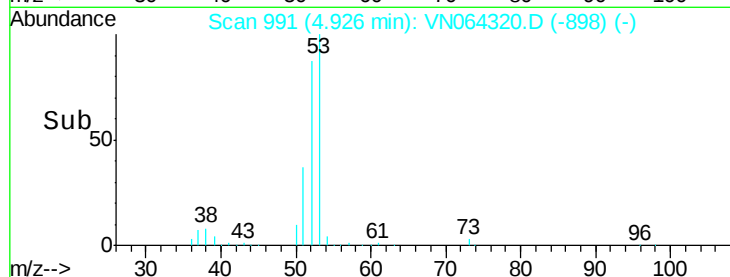
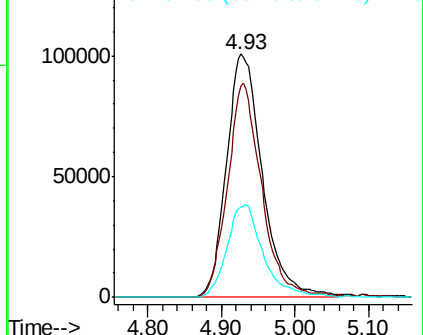
51 38.0 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN064320.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN064320.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN064320.D (-969) (-)



#16

Acetone

Concen: 320.642 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064320.D

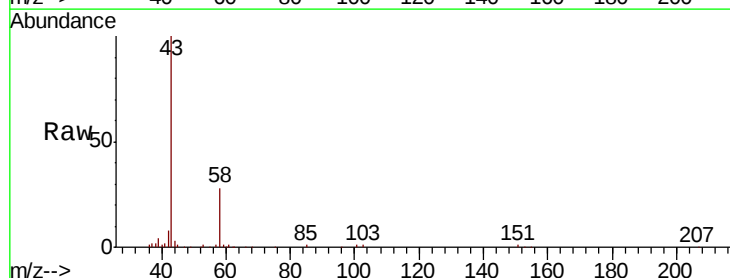
Acq: 27 Oct 2020 11:16

Tgt Ion: 43 Resp: 365250

Ion Ratio Lower Upper

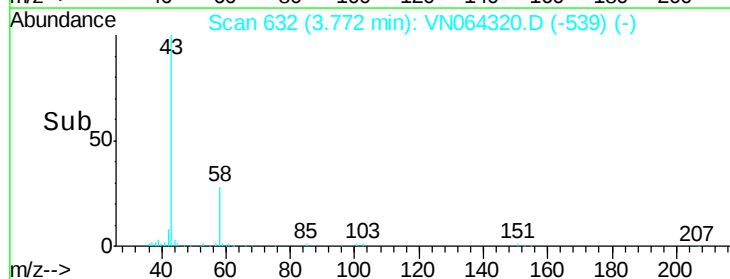
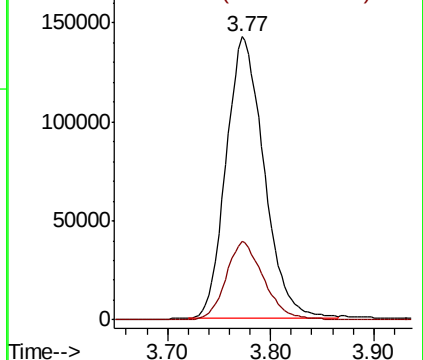
43 100

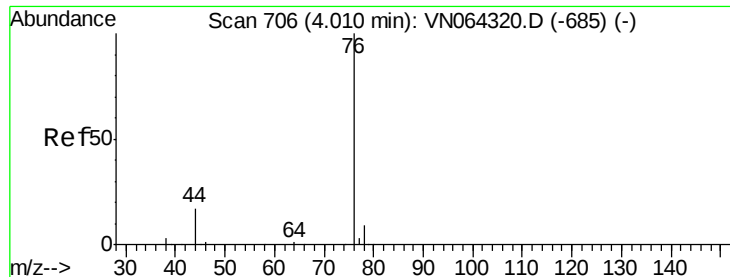
58 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-616) (-)

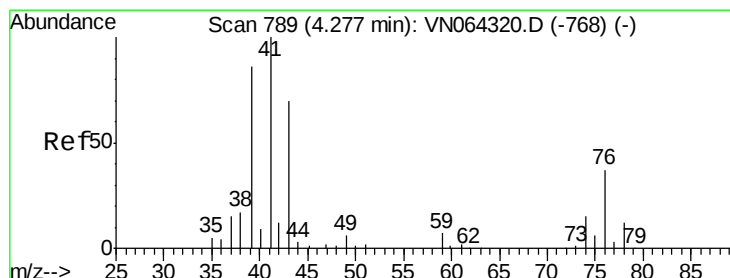
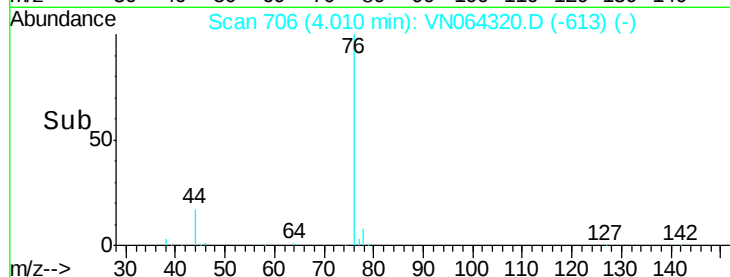
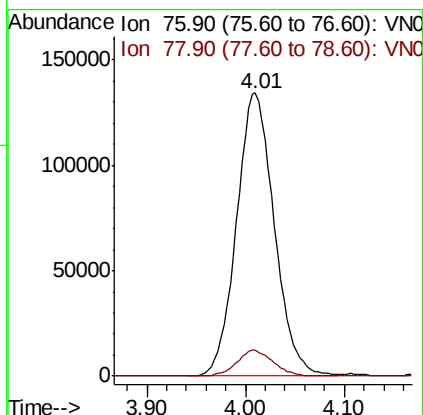
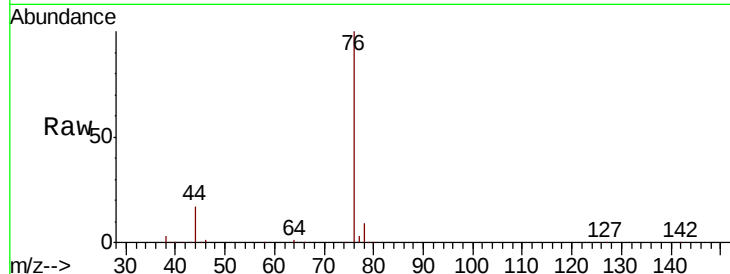




#17
Carbon Disulfide
Concen: 52.487 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

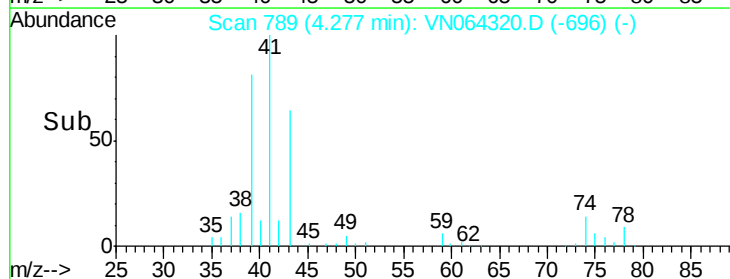
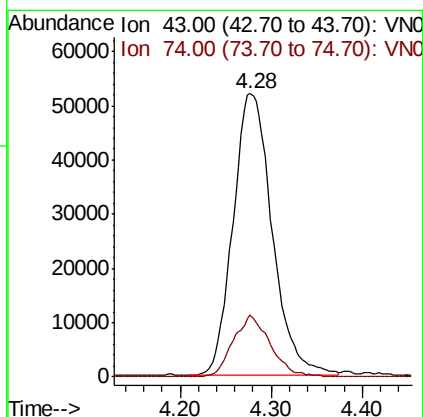
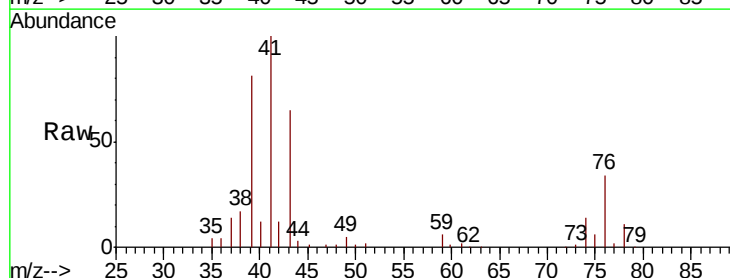
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

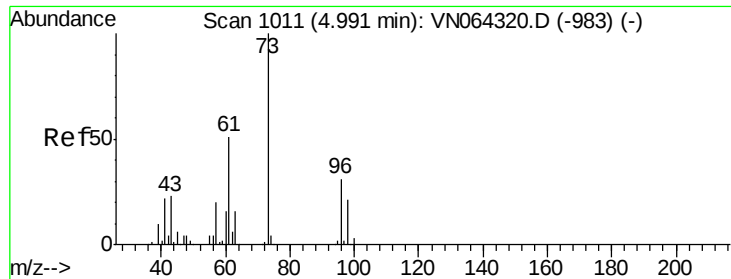
Tot Ion: 76 Resp: 356799
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 55.196 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 43 Resp: 155463
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

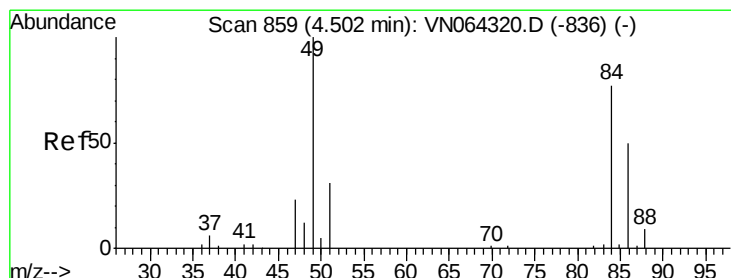
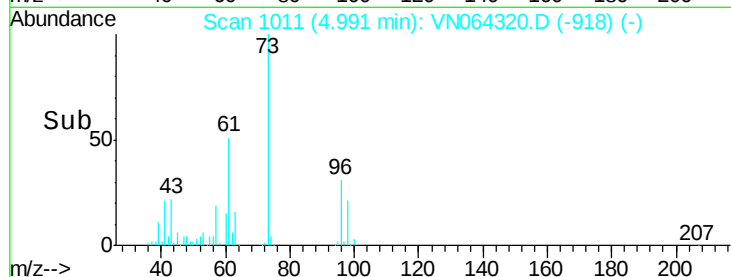
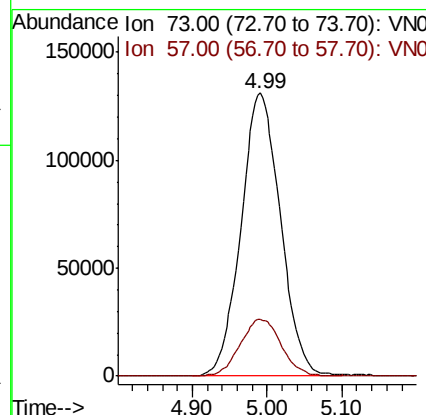
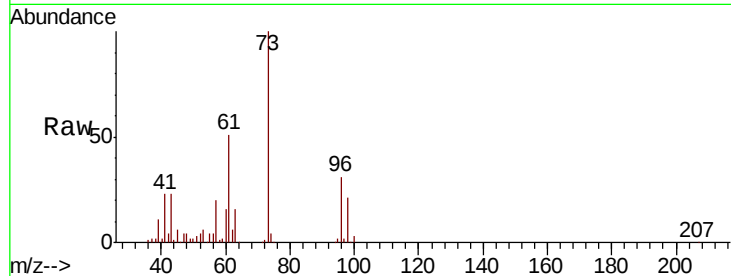




#19
Methvl tert-butvl Ether
Concen: 57.422 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

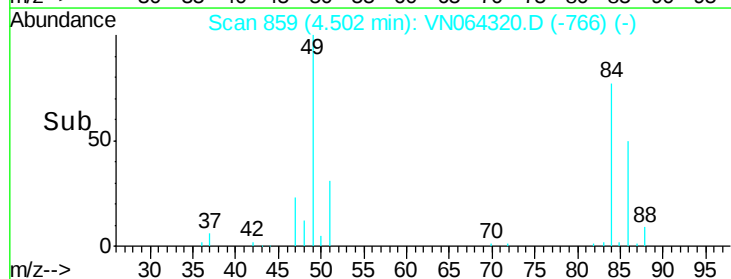
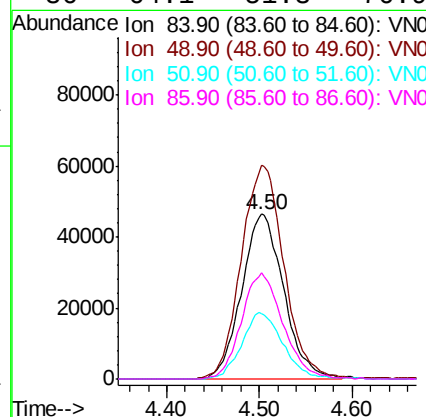
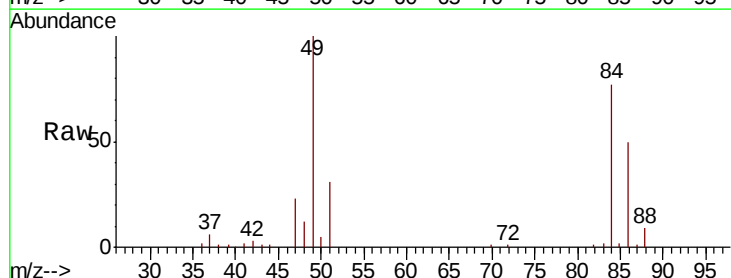
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

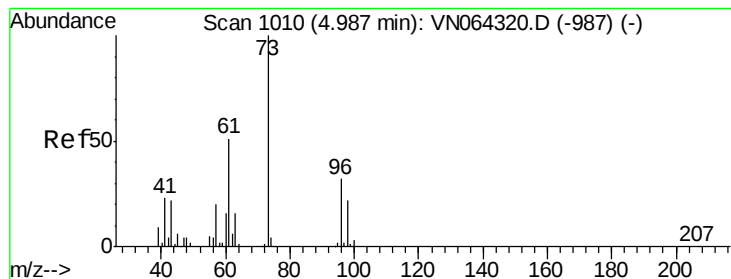
Tot Ion: 73 Resp: 481409
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 50.414 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 84 Resp: 145860
Ion Ratio Lower Upper
84 100
49 129.5 103.6 155.4
51 39.8 31.8 47.8
86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.348 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

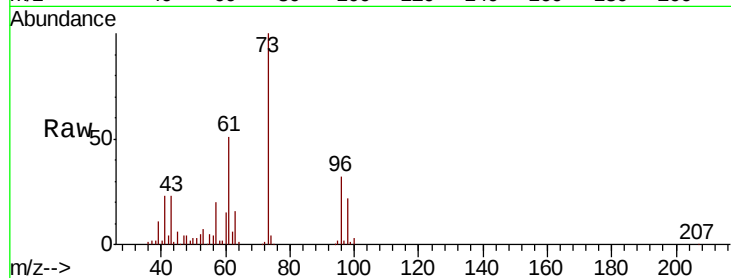
Tot Ion: 96 Resp: 134883

Ion Ratio Lower Upper

96 100

61 160.2 128.2 192.2

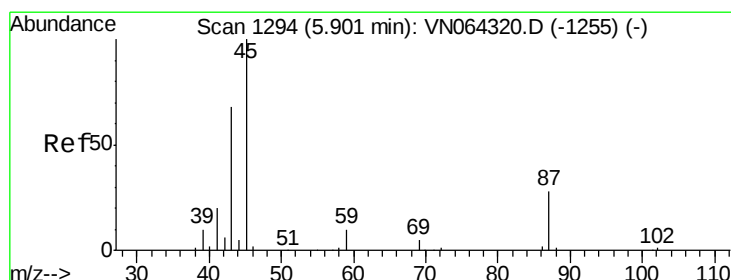
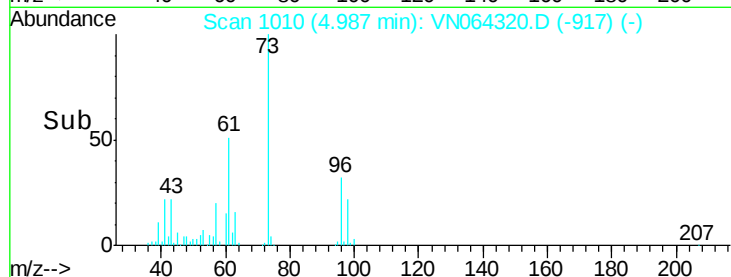
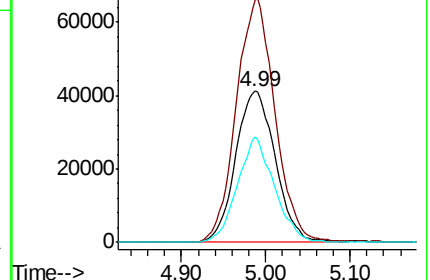
98 70.1 56.1 84.1



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-987) (-)



#22

Diisopropyl ether

Concen: 54.634 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Tgt Ion: 45 Resp: 492760

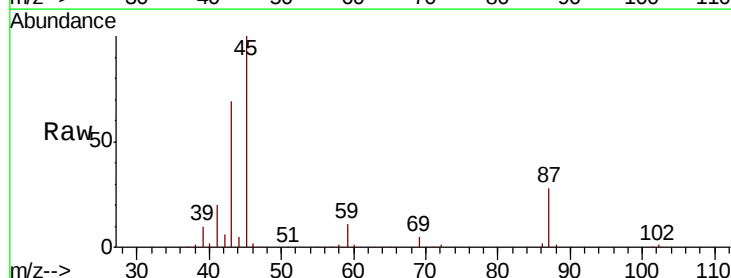
Ion Ratio Lower Upper

45 100

43 68.3 54.6 82.0

87 28.2 22.6 33.8

59 10.7 8.6 12.8

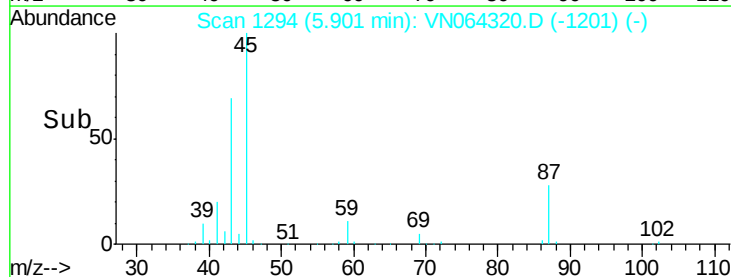
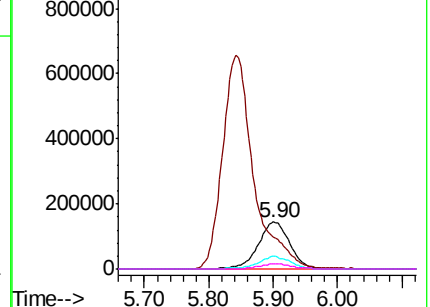


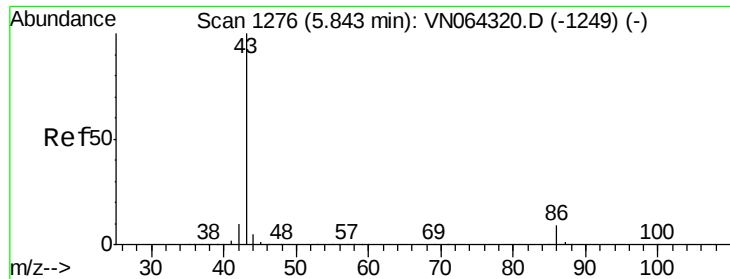
Abundance Ion 45.00 (44.70 to 45.70): VN064320.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN064320.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN064320.D (-1255) (-)

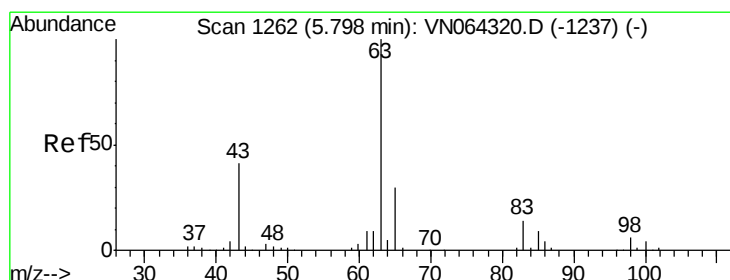
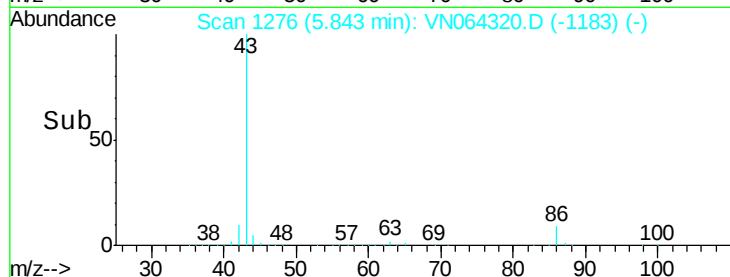
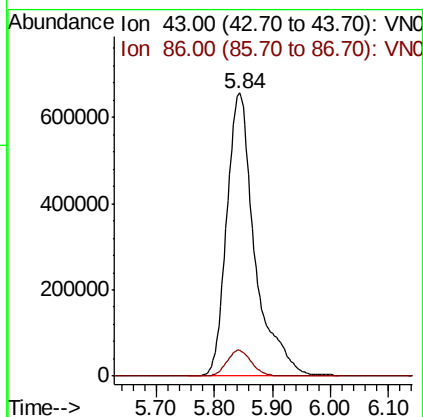
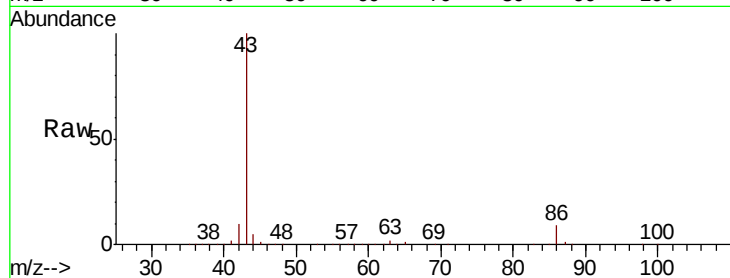




#23
 Vinyl Acetate
 Concen: 276.794 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

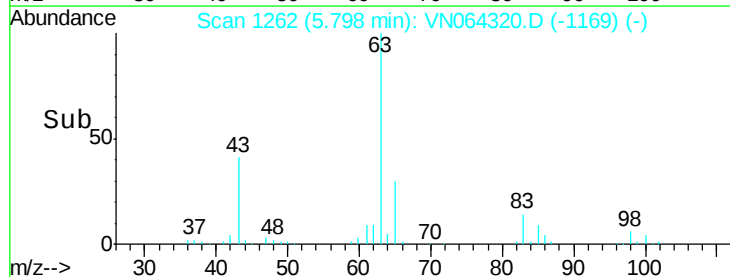
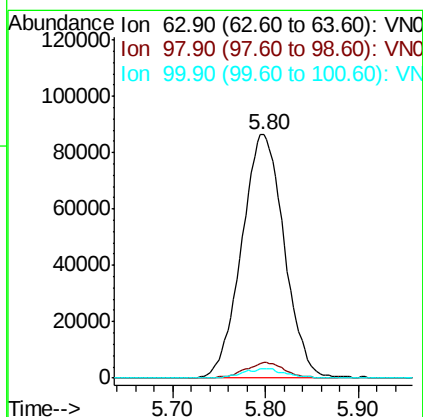
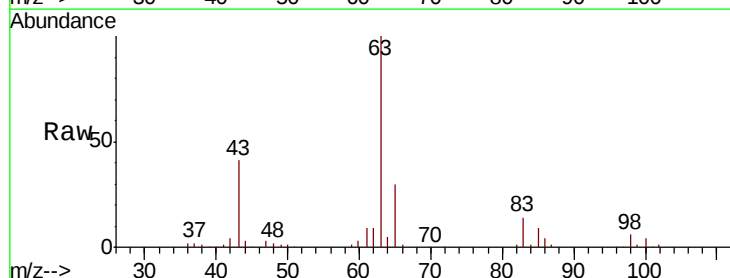
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

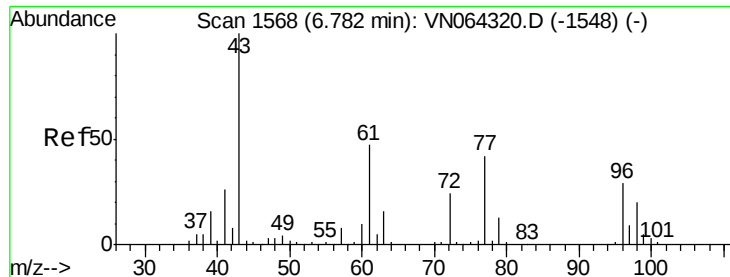
Tot Ion: 43 Resp: 2213938
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 53.303 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 63 Resp: 275533
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.1 9.4
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 299.352 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

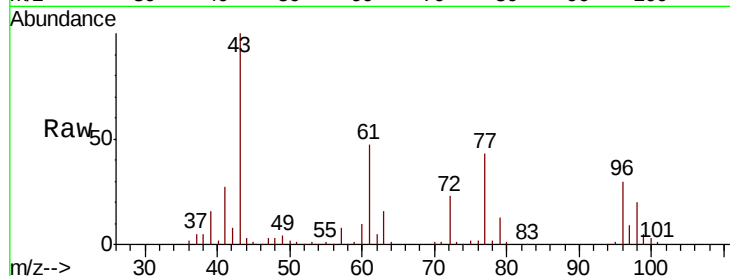
VSTDICCC050

Tot Ion: 43 Resp: 532711

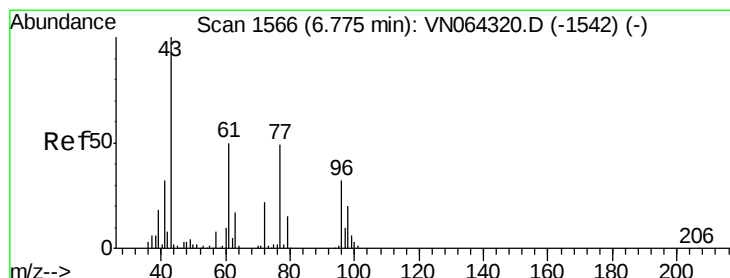
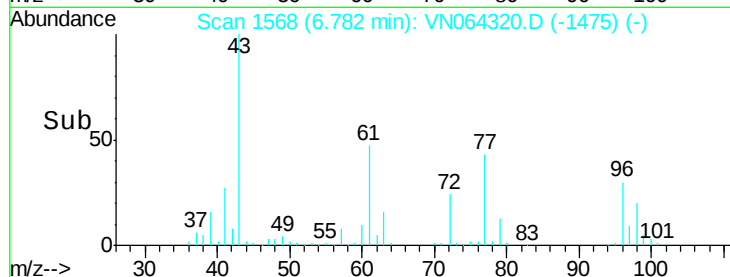
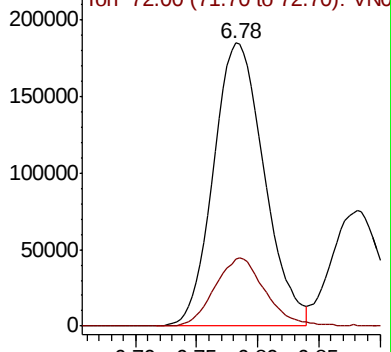
Ion Ratio Lower Upper

43 100

72 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1548) (-)



#26

2,2-Dichloropropane

Concen: 52.199 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064320.D

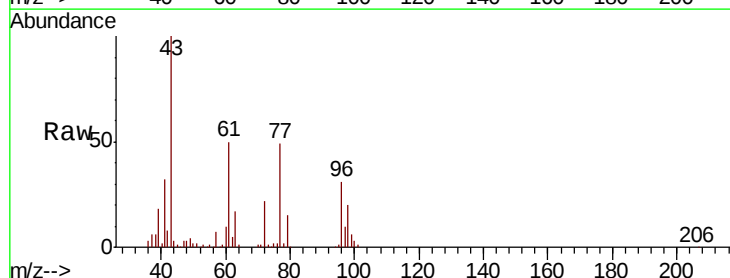
Acq: 27 Oct 2020 11:16

Tgt Ion: 77 Resp: 268340

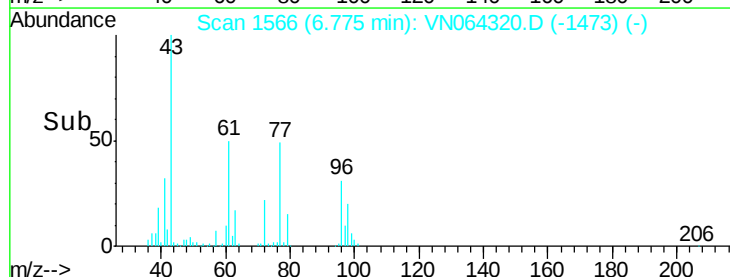
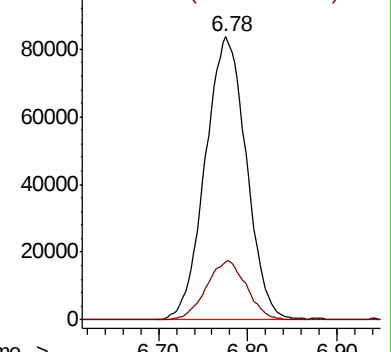
Ion Ratio Lower Upper

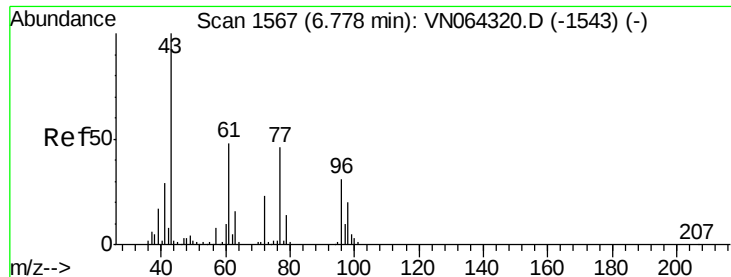
77 100

97 20.4 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN064320.D (-1542) (-)

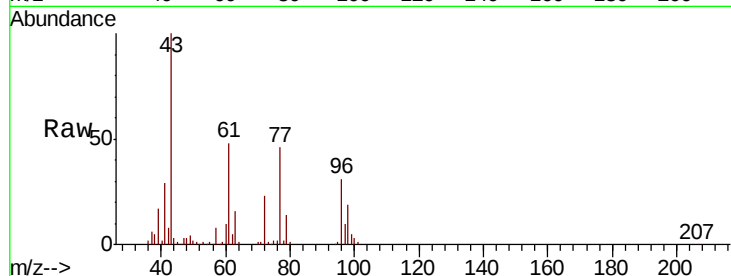




#27
 cis-1,2-Dichloroethene
 Concen: 51.777 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	96	Resp	159188
Ion	Ratio	Lower	Upper
96	100		
61	162.5	0.0	325.0
98	64.2	0.0	128.4

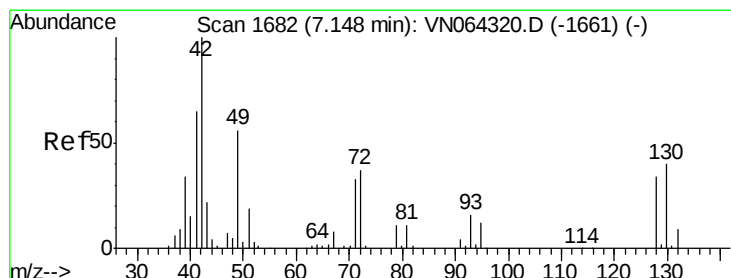
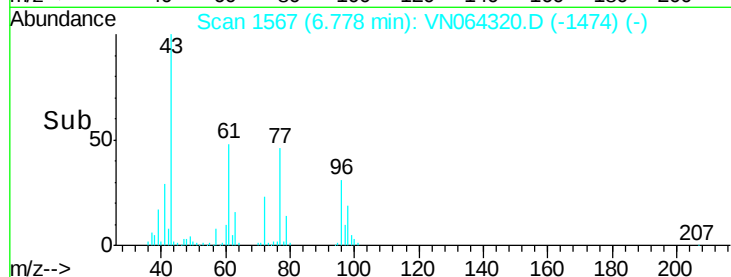
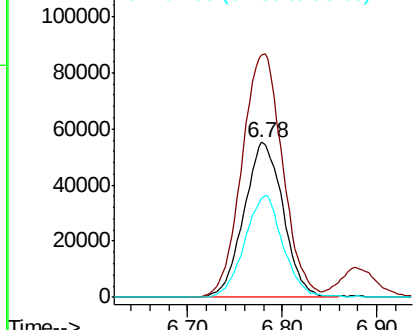


Abundance

Ion 95.90 (95.60 to 96.60): VN0

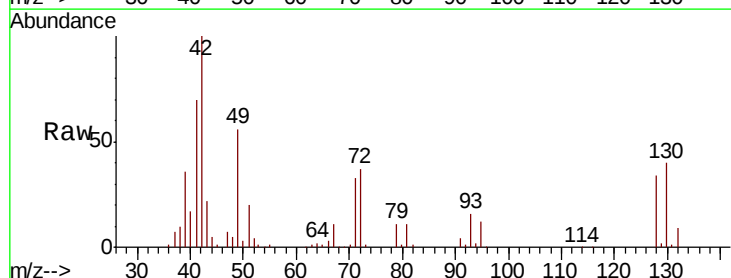
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28
 Bromochloromethane
 Concen: 52.022 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion	49	Resp	127935
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	70.2	56.2	84.2

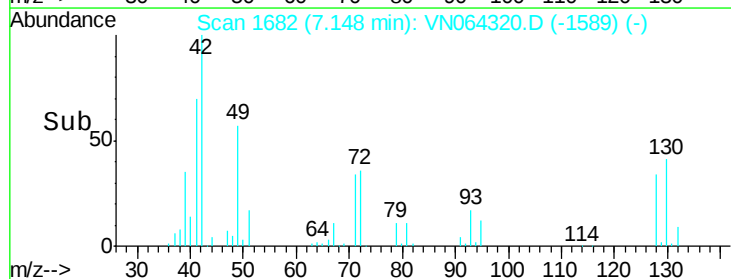
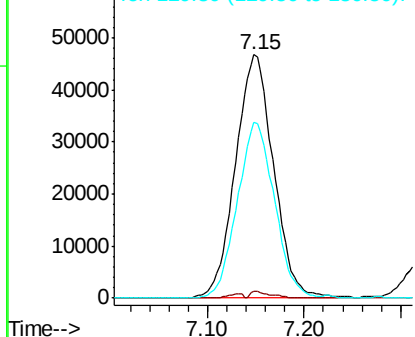


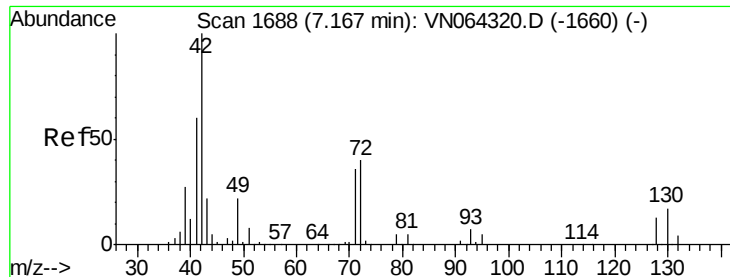
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

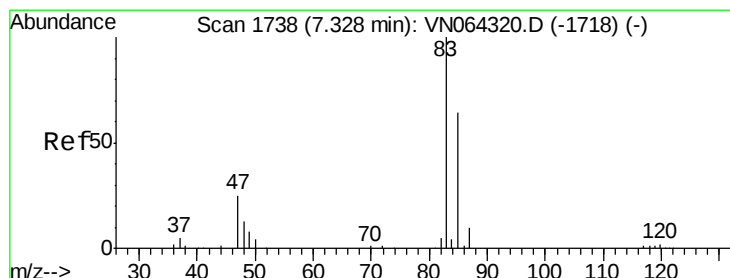
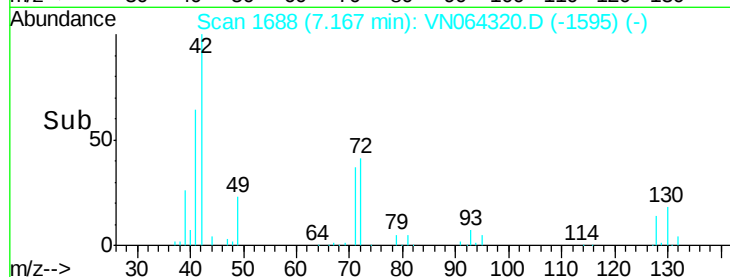
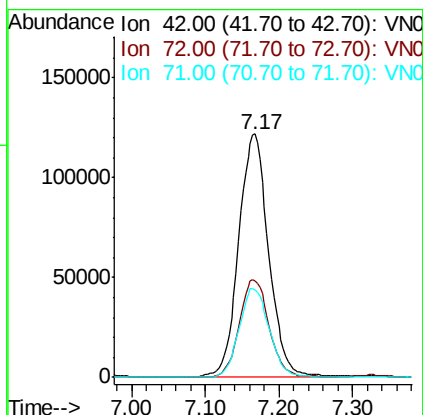
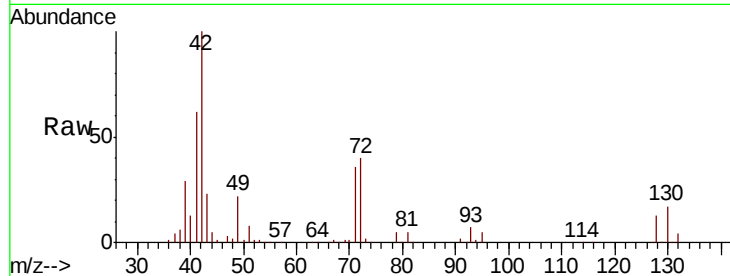




#29
Tetrahydrofuran
Concen: 320.859 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

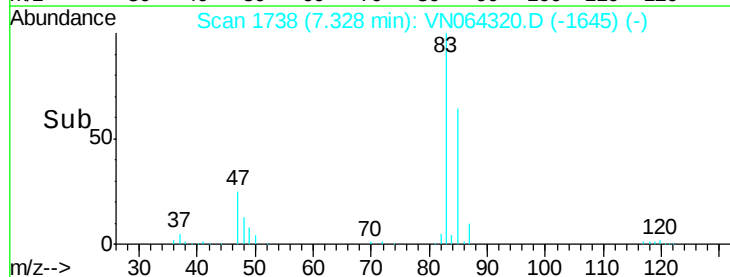
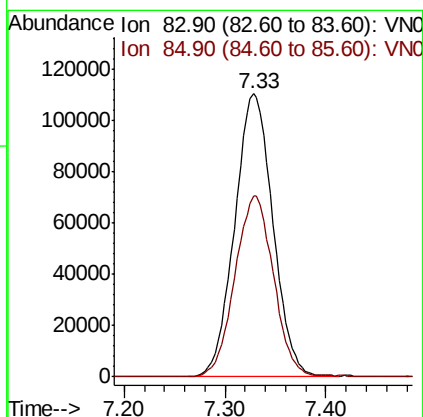
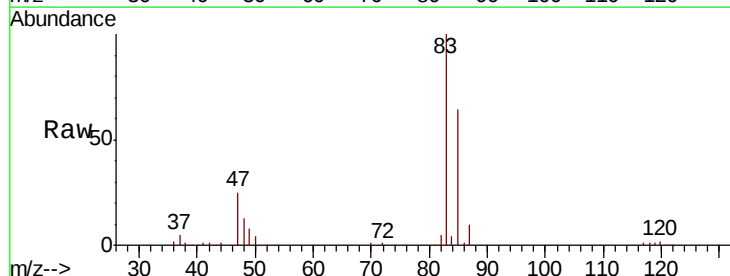
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

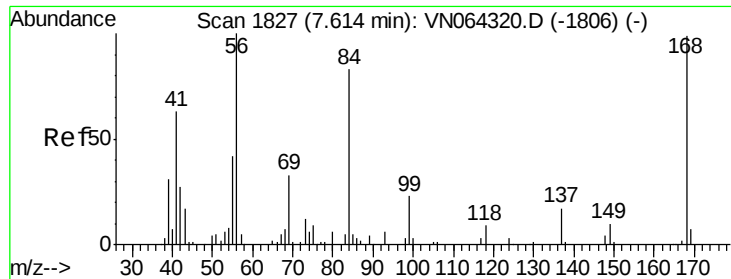
Tot Ion: 42 Resp: 346437
Ion Ratio Lower Upper
42 100
72 39.5 31.6 47.4
71 36.7 29.4 44.0



#30
Chloroform
Concen: 52.523 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 83 Resp: 289902
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7

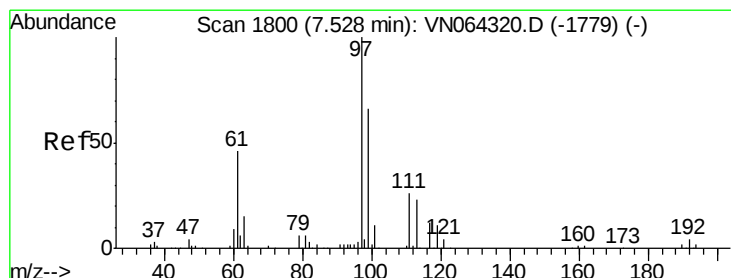
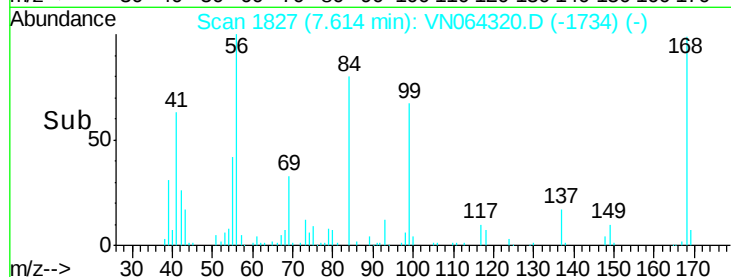
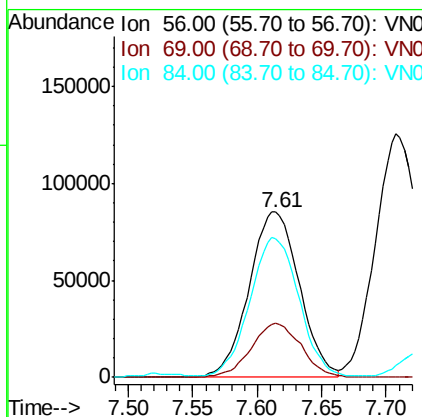
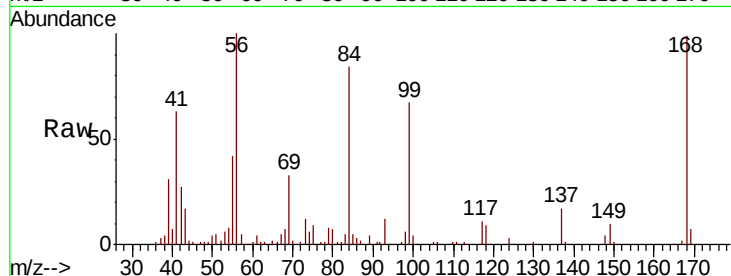




#31
Cyclohexane
Concen: 50.874 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

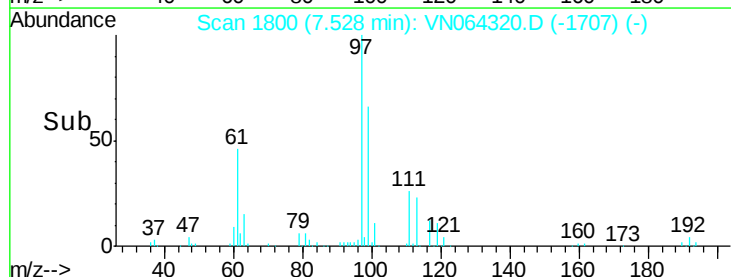
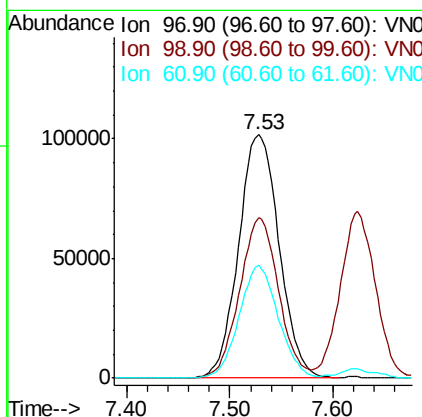
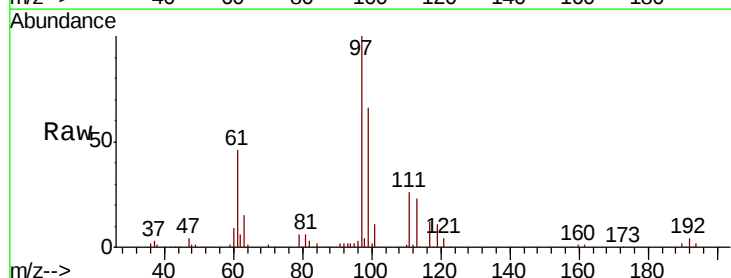
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

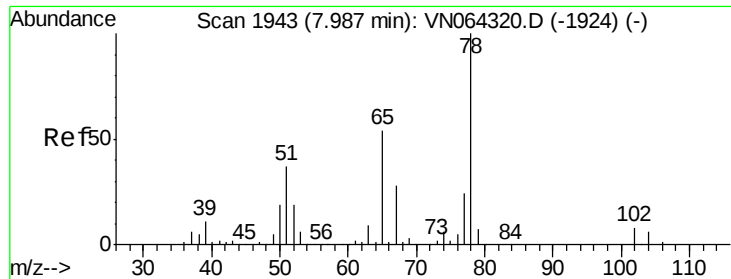
Tot Ion: 56 Resp: 231791
Ion Ratio Lower Upper
56 100
69 32.3 25.8 38.8
84 82.9 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 53.912 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 97 Resp: 278480
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 44.7 35.8 53.6

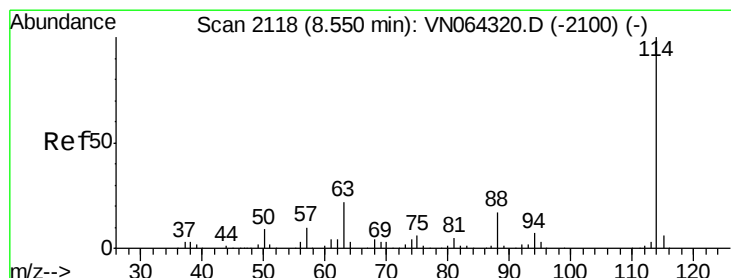
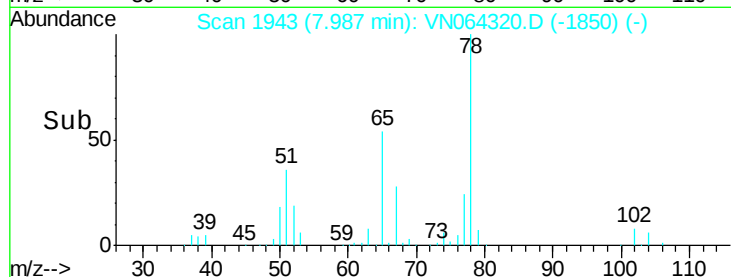
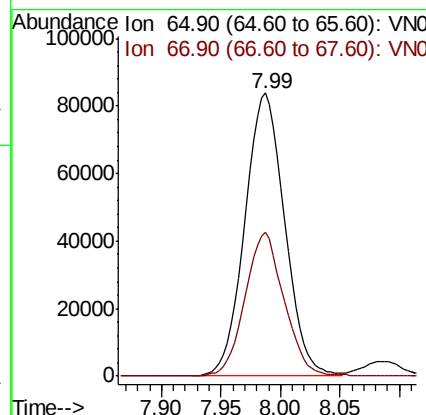
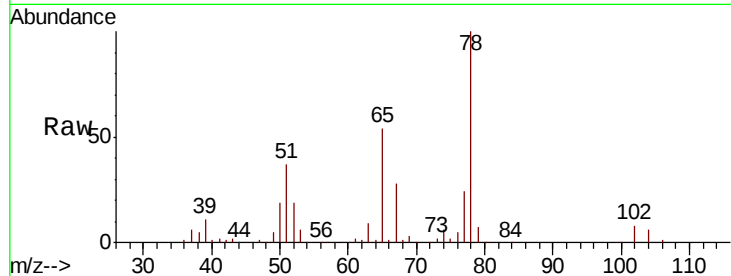




#33
 1,2-Dichloroethane-d4
 Concen: 51.015 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

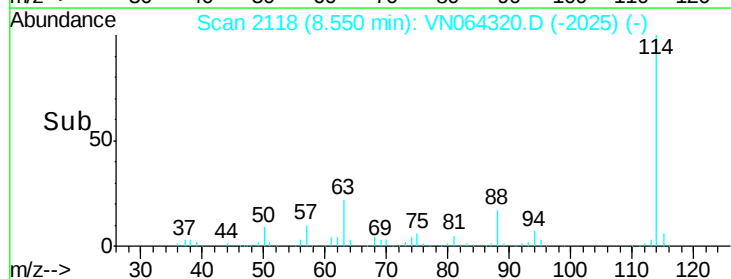
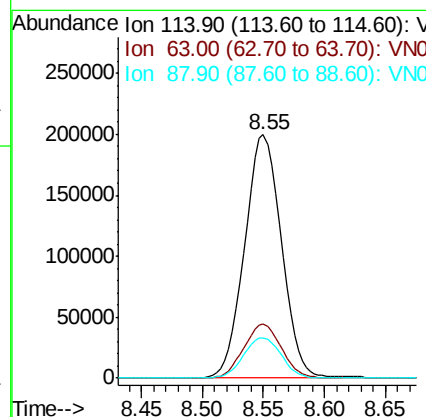
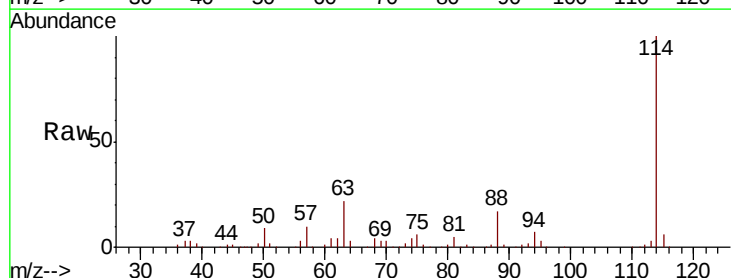
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

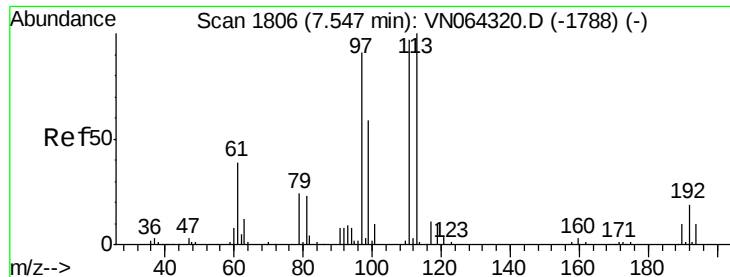
Tot Ion: 65 Resp: 194641
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 114 Resp: 417349
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.6
 88 16.7 0.0 33.4

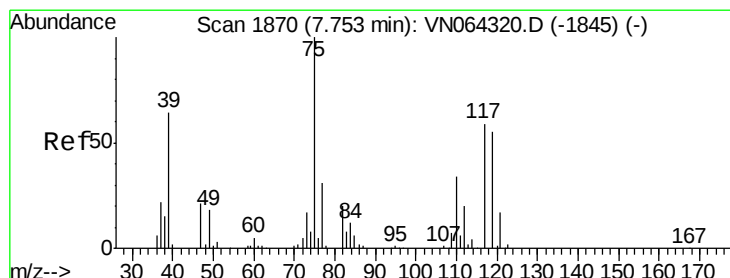
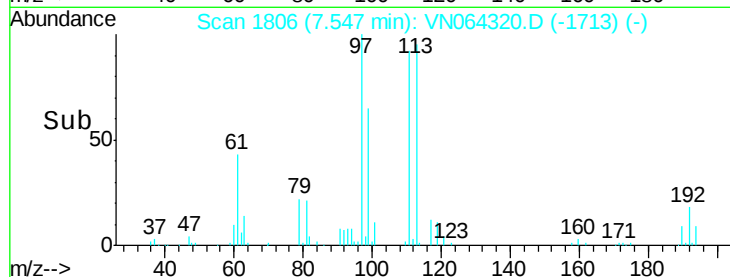
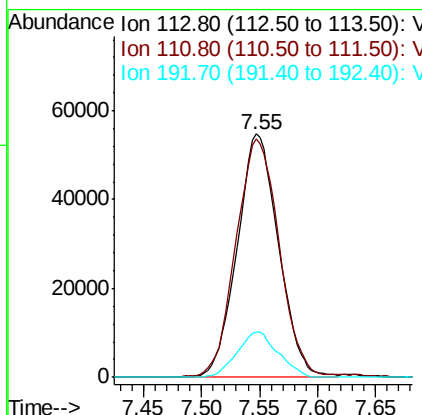
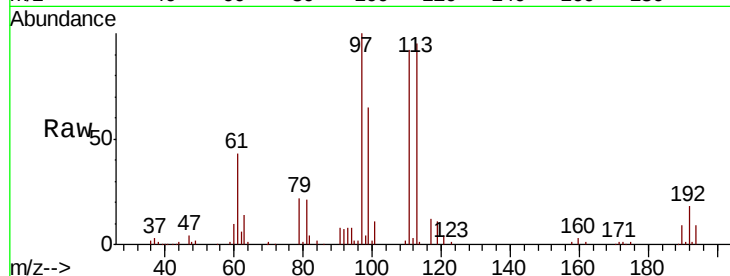




#35
 Dibromofluoromethane
 Concen: 48.848 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

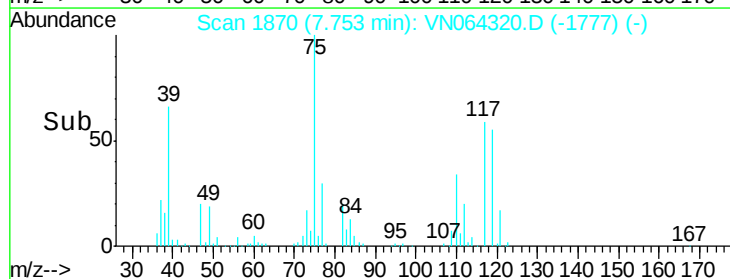
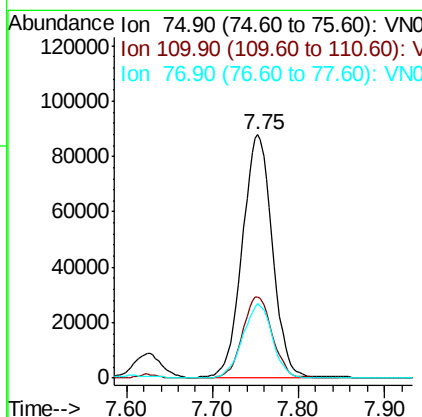
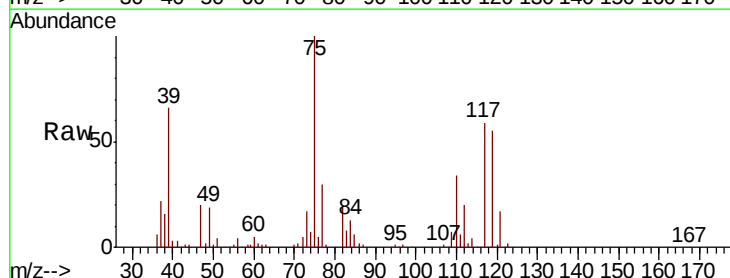
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

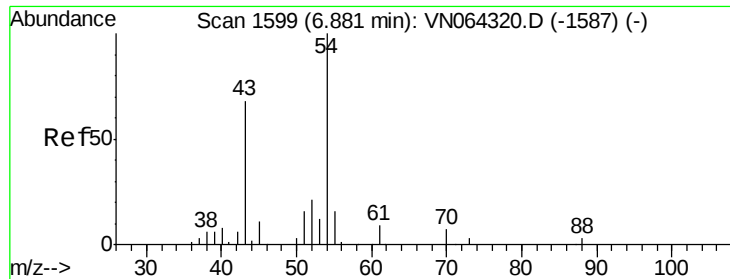
Tot Ion:113 Resp: 135979
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 18.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 50.948 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 75 Resp: 212337
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.8 50.3
 77 30.3 24.2 36.4

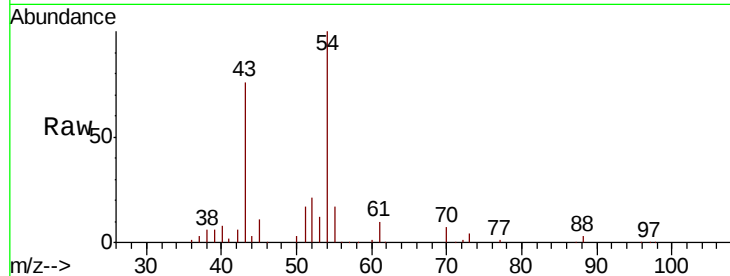




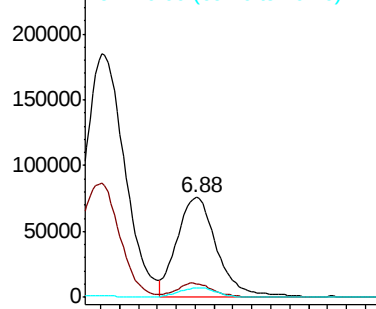
#37
Ethyl Acetate
Concen: 56.777 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

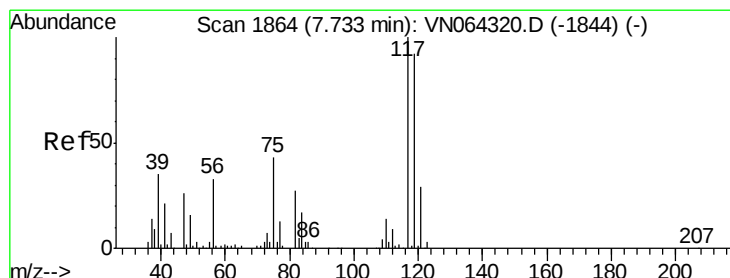
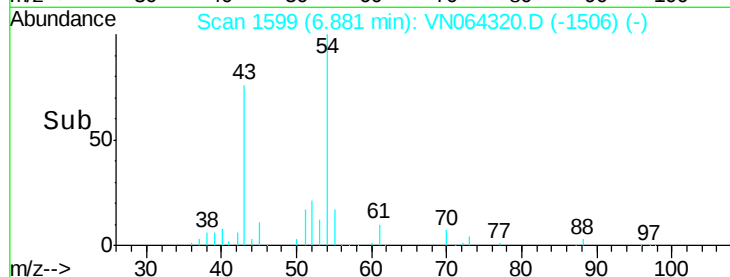
Tot Ion: 43 Resp: 219603
Ion Ratio Lower Upper
43 100
61 12.5 10.0 15.0
70 8.9 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

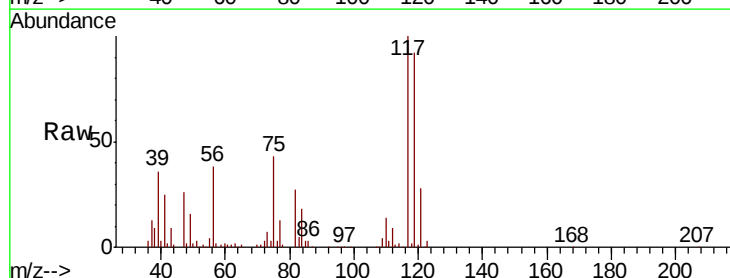


Time-->

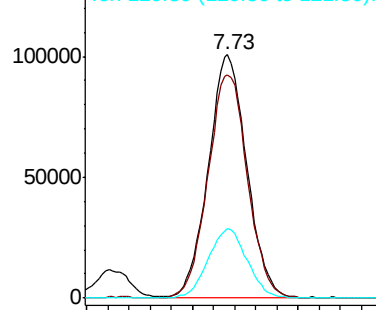


#38
Carbon Tetrachloride
Concen: 53.228 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

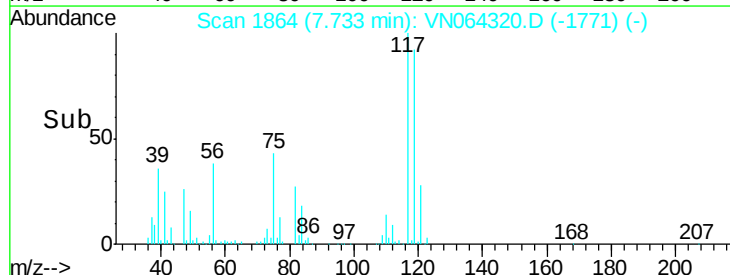
Tgt Ion: 117 Resp: 253799
Ion Ratio Lower Upper
117 100
119 92.1 73.7 110.5
121 28.5 22.8 34.2

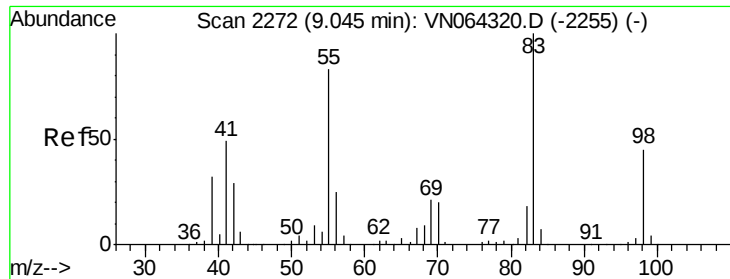


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



Time-->

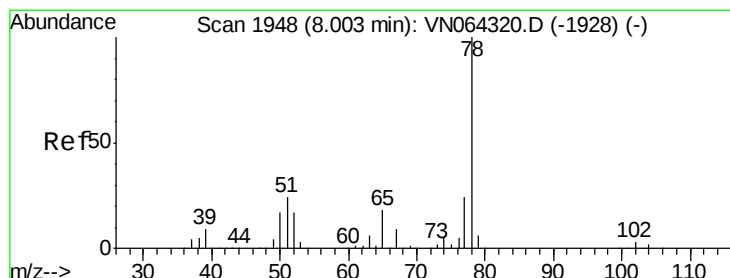
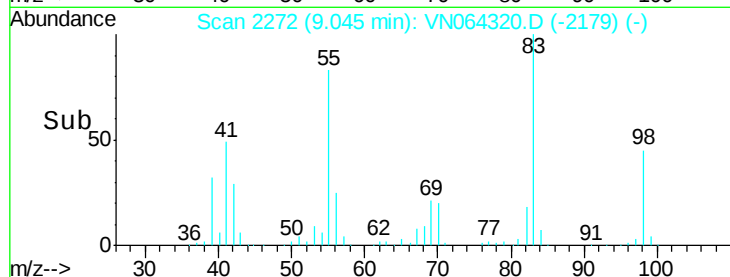
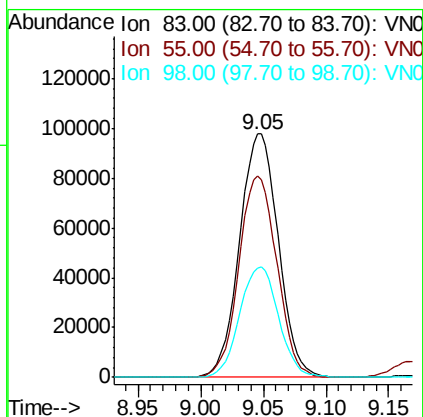
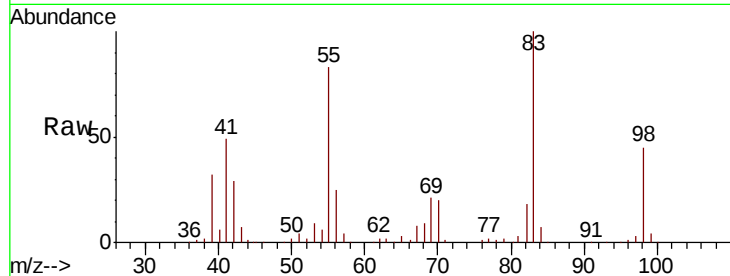




#39
Methvlcvclohexane
Concen: 54.990 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

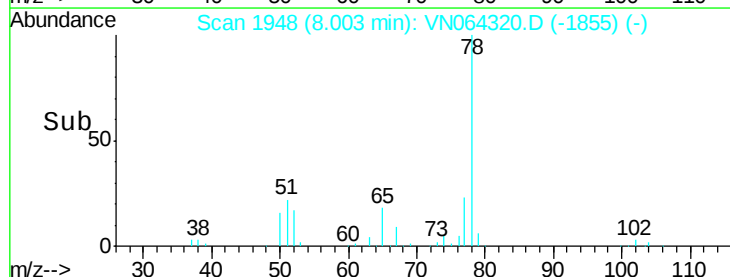
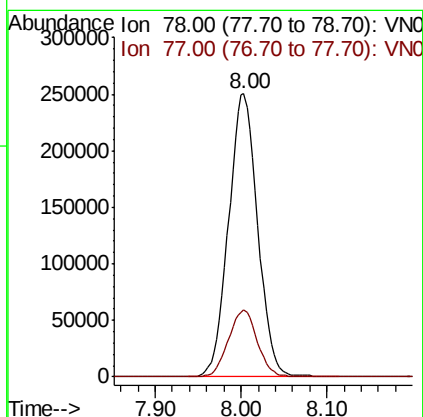
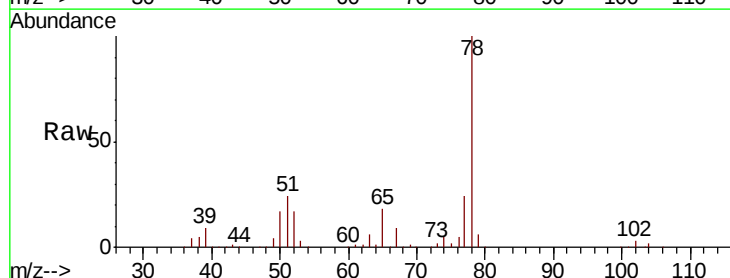
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

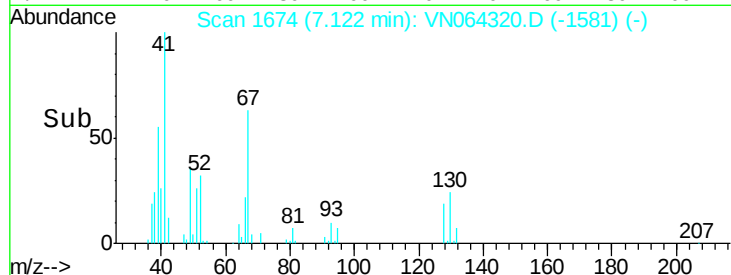
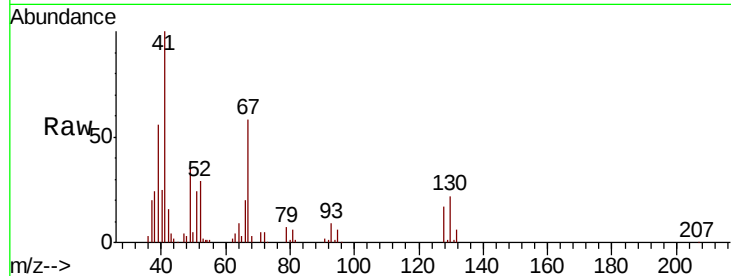
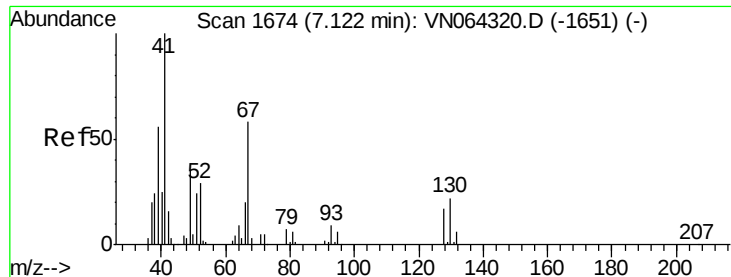
Tot Ion: 83 Resp: 210468
Ion Ratio Lower Upper
83 100
55 82.8 66.2 99.4
98 45.0 36.0 54.0



#40
Benzene
Concen: 51.098 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 78 Resp: 588234
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

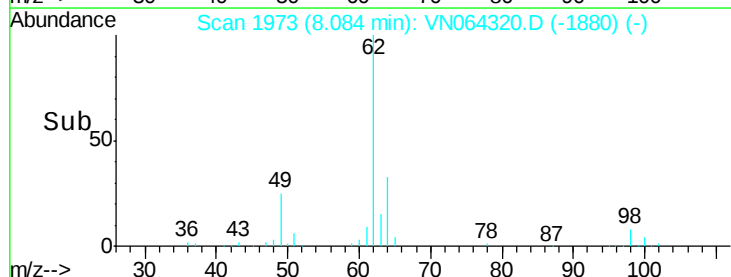
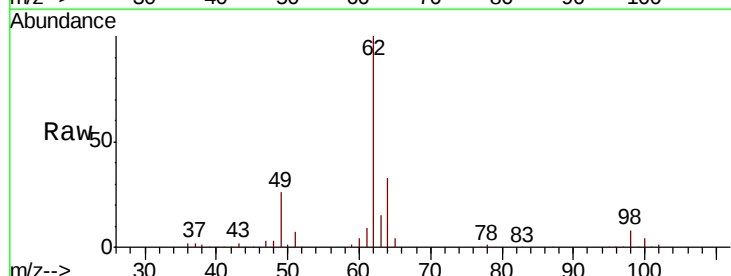
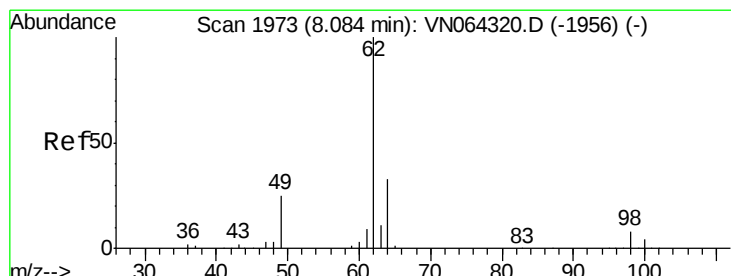
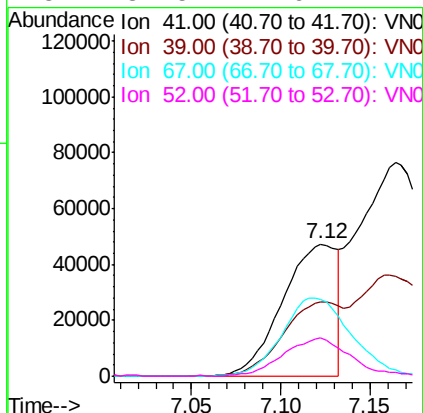




#41
Methacrylonitrile
Concen: 49.767 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

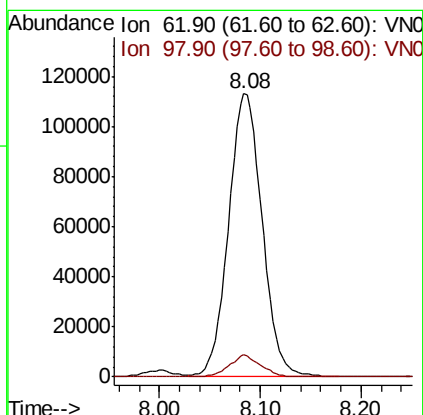
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

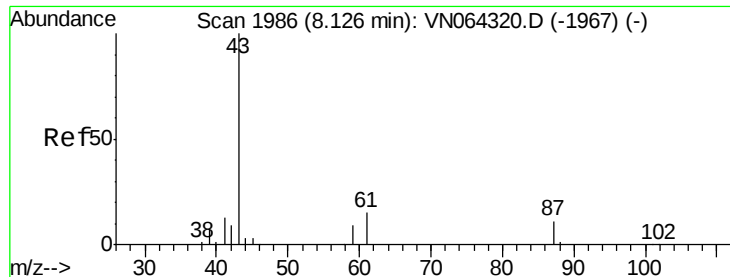
Tot Ion:	41	Resp:	100645
Ion	Ratio	Lower	Upper
41	100		
39	60.7	48.6	72.8
67	76.8	61.4	92.2
52	34.5	27.6	41.4



#42
1,2-Dichloroethane
Concen: 52.500 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion:	62	Resp:	260686
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	14.2





#43

Isopropyl Acetate

Concen: 53.077 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

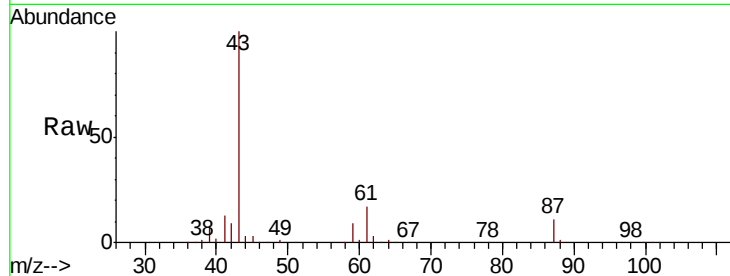
Tot Ion: 43 Resp: 377865

Ion Ratio Lower Upper

43 100

61 23.9 19.1 28.7

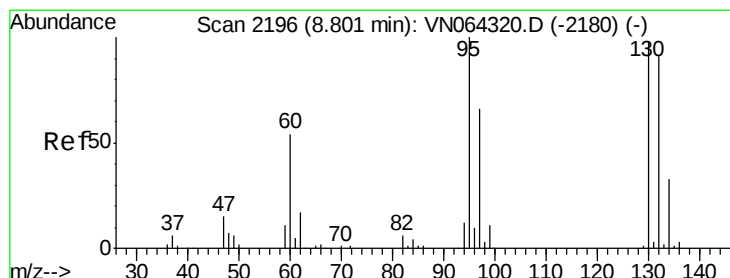
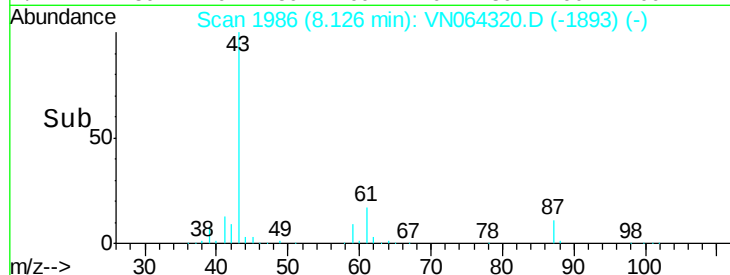
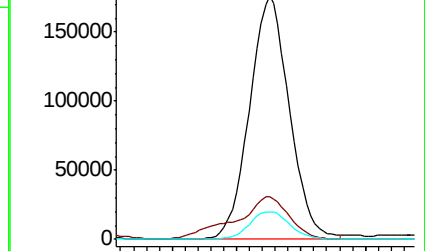
87 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)



#44

Trichloroethene

Concen: 51.344 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064320.D

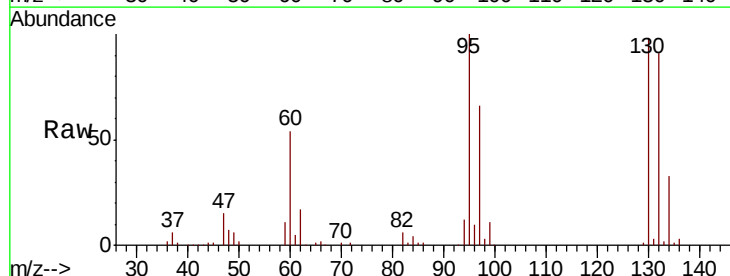
Acq: 27 Oct 2020 11:16

Tgt Ion:130 Resp: 161275

Ion Ratio Lower Upper

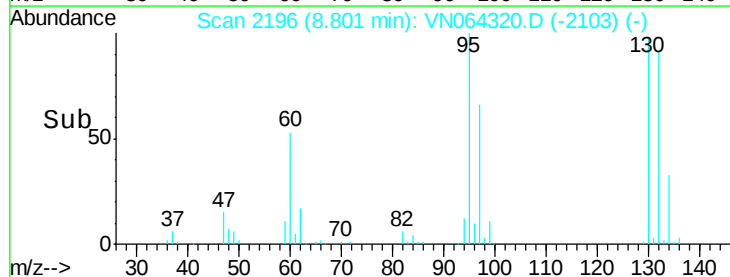
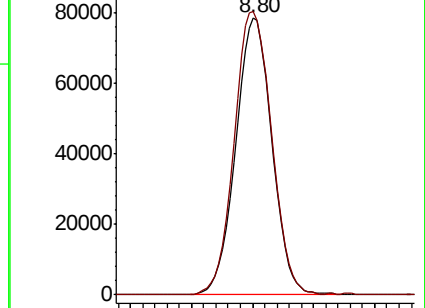
130 100

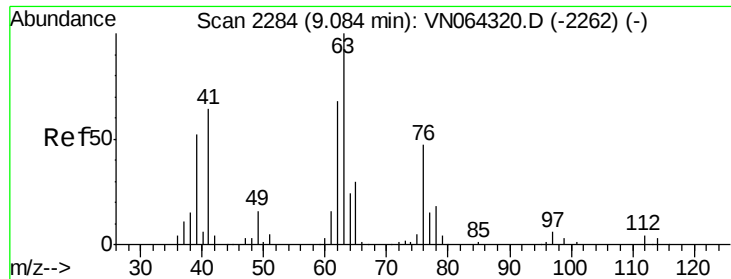
95 101.8 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064320.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064320.D (-2180) (-)

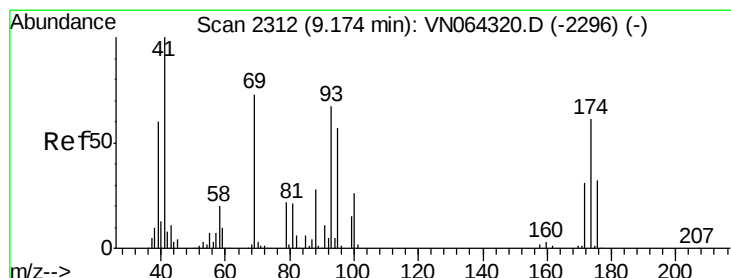
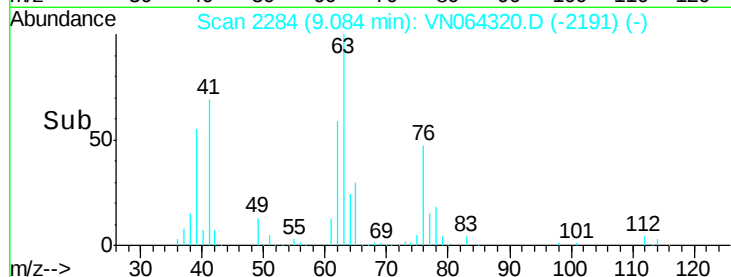
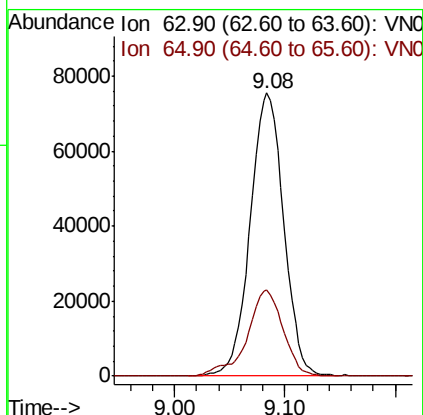
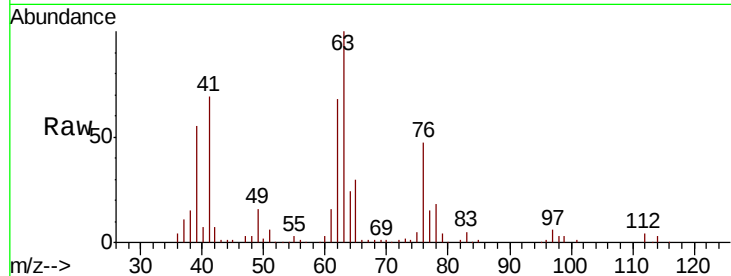




#45
 1,2-Dichloropropane
 Concen: 51.843 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

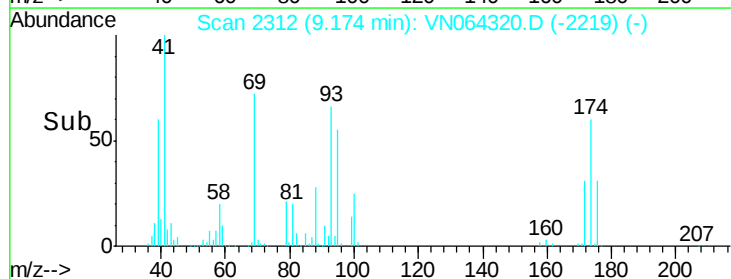
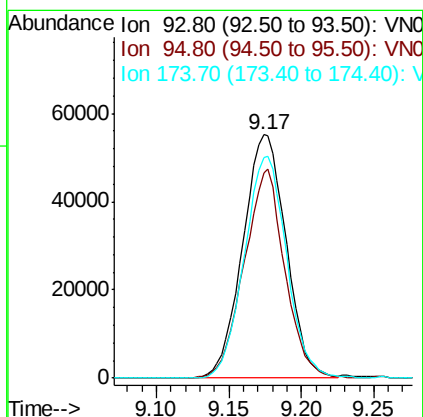
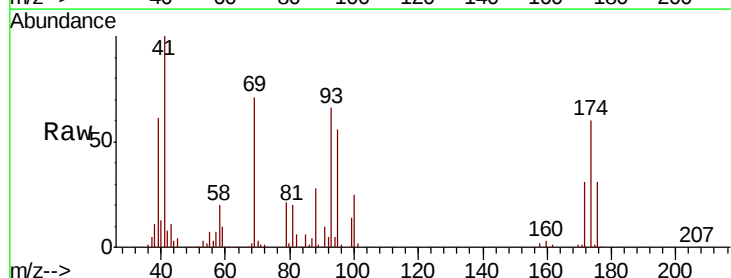
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

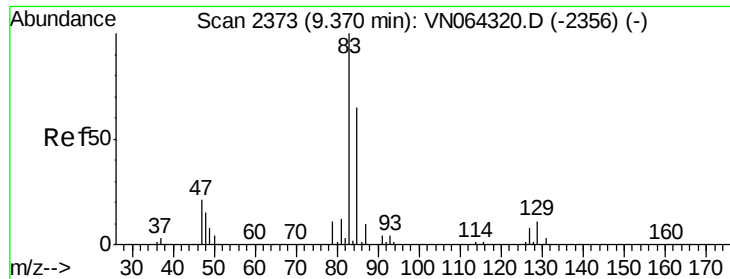
Tot Ion: 63 Resp: 159024
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 55.282 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 93 Resp: 114796
 Ion Ratio Lower Upper
 93 100
 95 80.5 64.4 96.6
 174 89.2 71.4 107.0

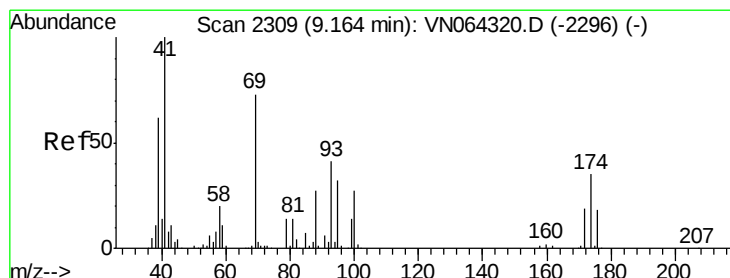
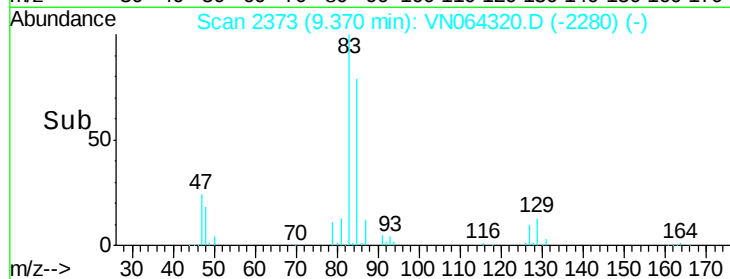
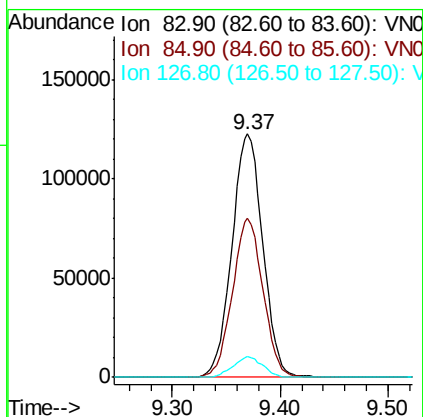
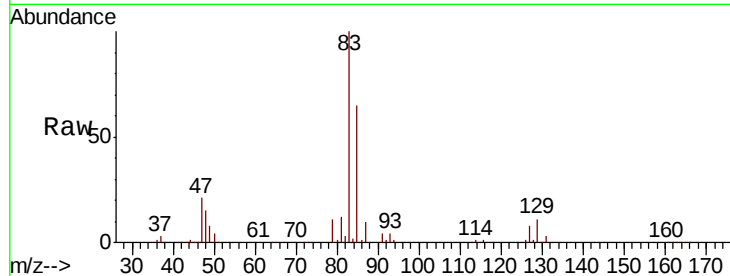




#47
 Bromodichloromethane
 Concen: 53.513 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

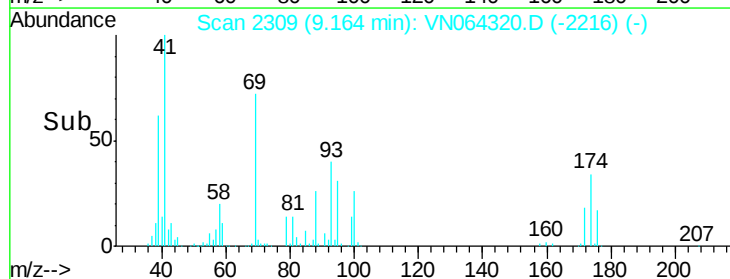
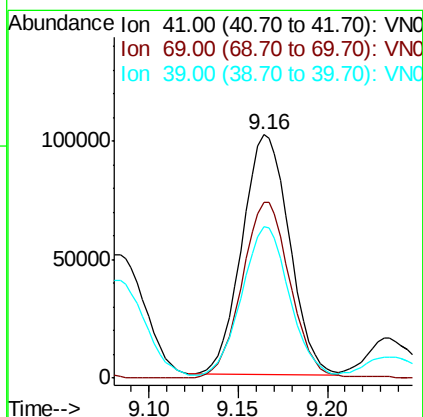
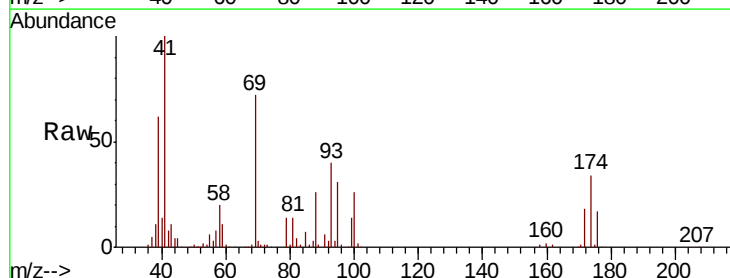
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

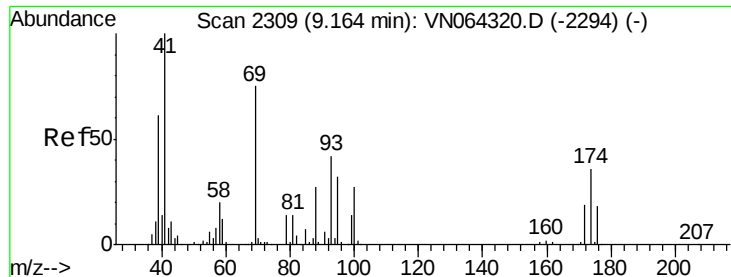
Tot Ion: 83 Resp: 244621
 Ion Ratio Lower Upper
 83 100
 85 65.1 52.1 78.1
 127 8.4 6.7 10.1



#48
 Methyl methacrylate
 Concen: 51.136 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 41 Resp: 189122
 Ion Ratio Lower Upper
 41 100
 69 73.9 59.1 88.7
 39 64.1 51.3 76.9

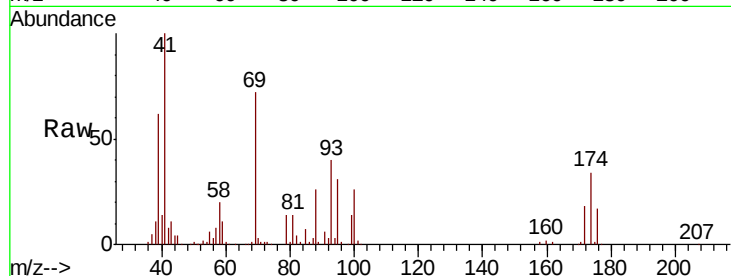




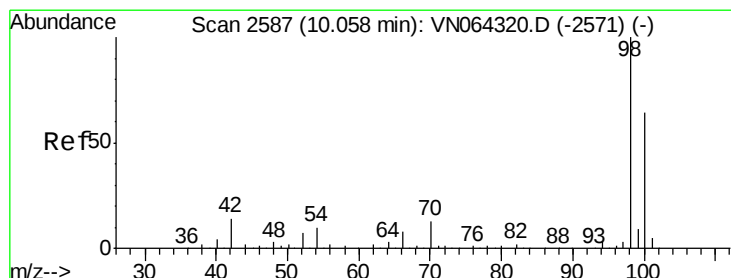
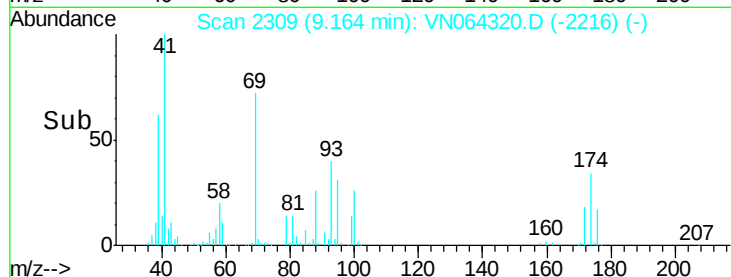
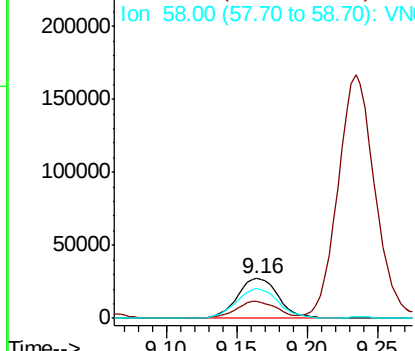
#49
1,4-Dioxane
Concen: 1247.019 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 88 Resp: 56664
Ion Ratio Lower Upper
88 100
43 39.8 31.8 47.8
58 75.4 60.3 90.5

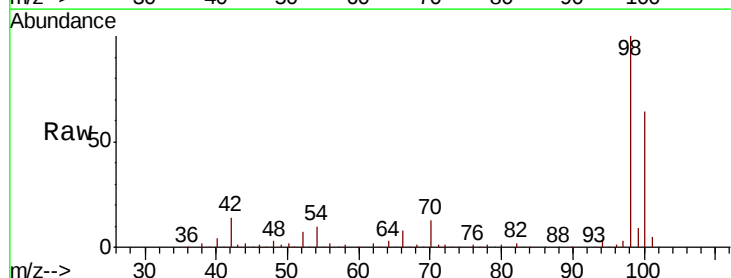


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

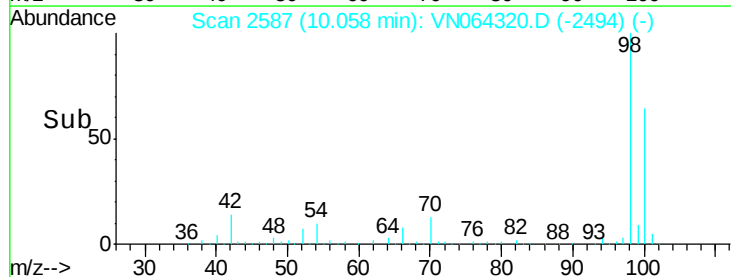
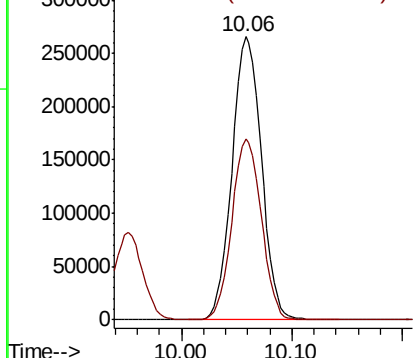


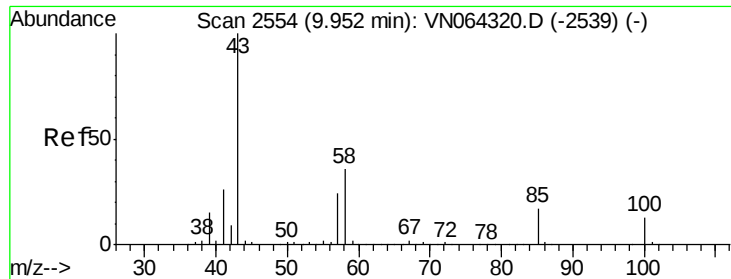
#50
Toluene-d8
Concen: 49.168 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 98 Resp: 492535
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



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: 287.666 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

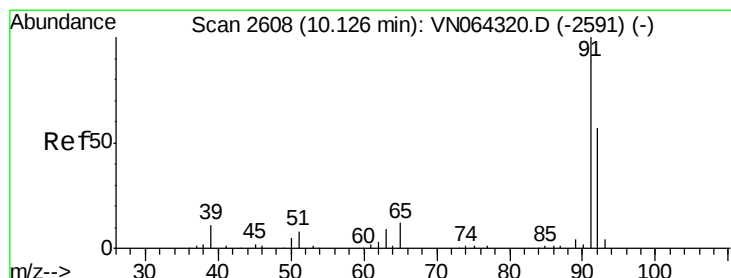
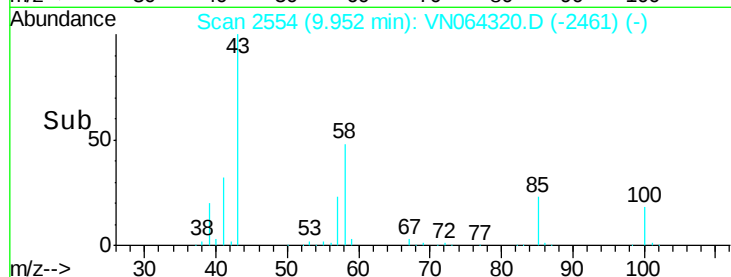
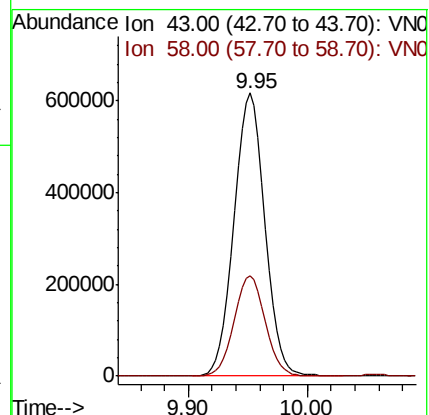
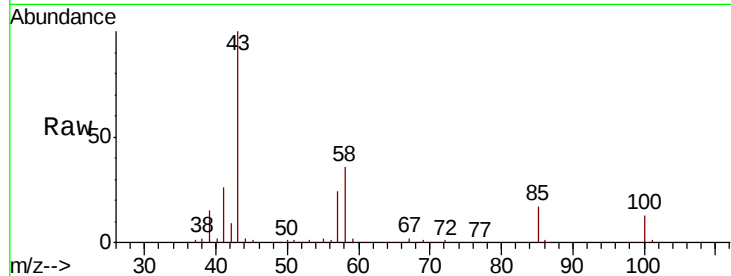
VSTDICCC050

Tot Ion: 43 Resp: 1107396

Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8



#52

Toluene

Concen: 51.114 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064320.D

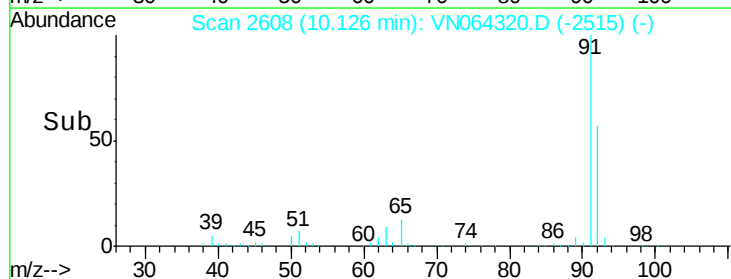
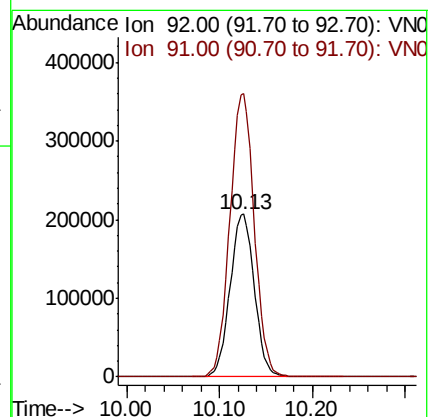
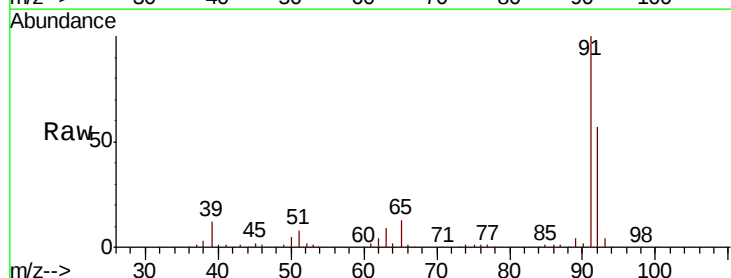
Acq: 27 Oct 2020 11:16

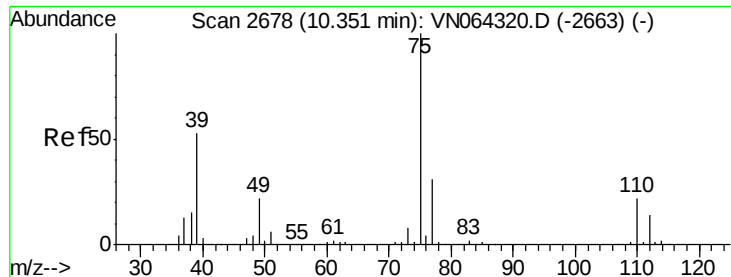
Tgt Ion: 92 Resp: 375603

Ion Ratio Lower Upper

92 100

91 174.9 139.9 209.9

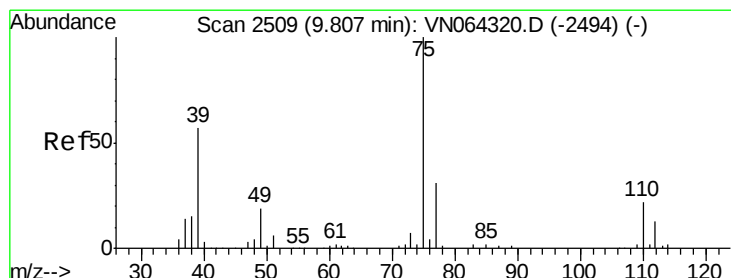
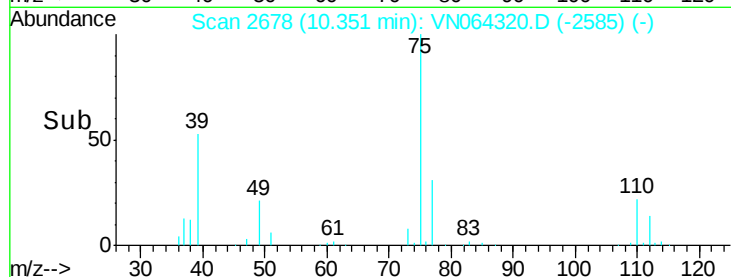
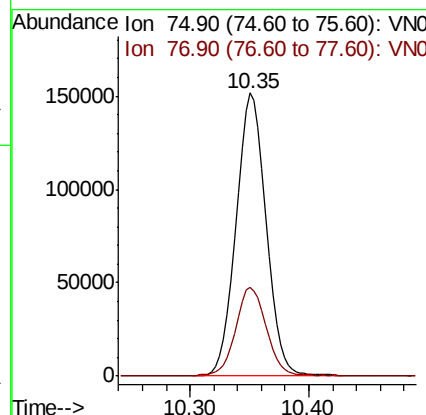
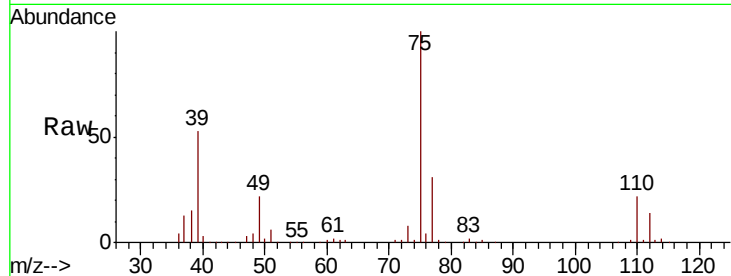




#53
 t-1,3-Dichloropropene
 Concen: 52.469 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

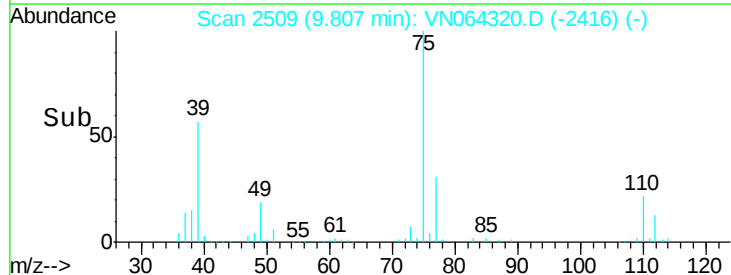
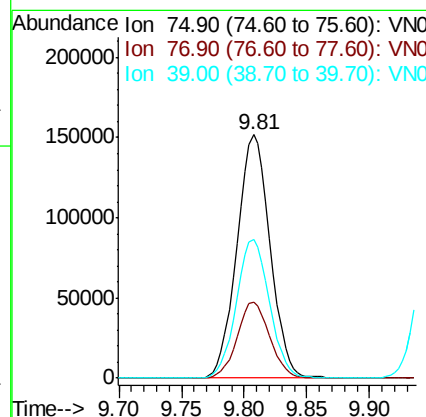
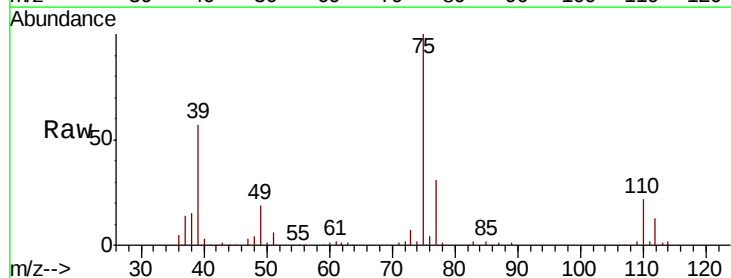
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

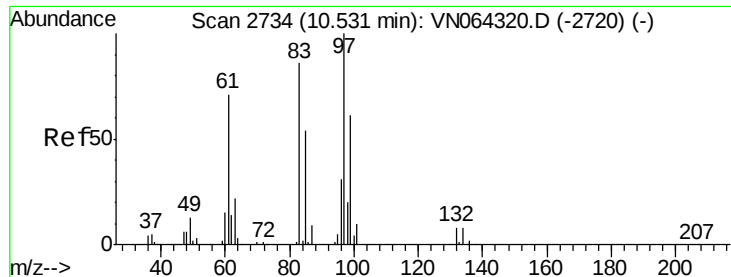
Tot Ion: 75 Resp: 265177
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.212 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 75 Resp: 278776
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 56.9 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 53.339 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 148757

Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.9	103.3
85	54.5	43.6	65.4
99	61.5	49.2	73.8

Abundance

Ion 96.90 (96.60 to 97.60): VN0

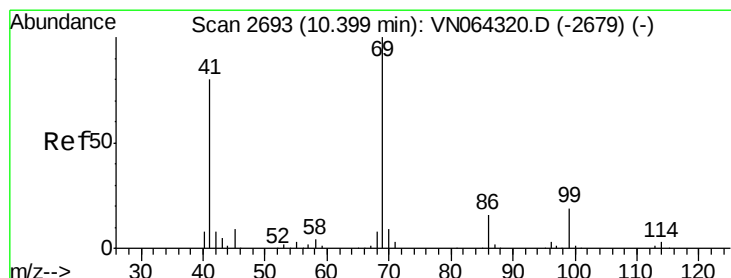
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.53

Time-->



#56

Ethyl methacrylate

Concen: 53.820 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Tgt Ion: 69 Resp: 232275

Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.4	92.2
39	45.6	36.5	54.7

Abundance

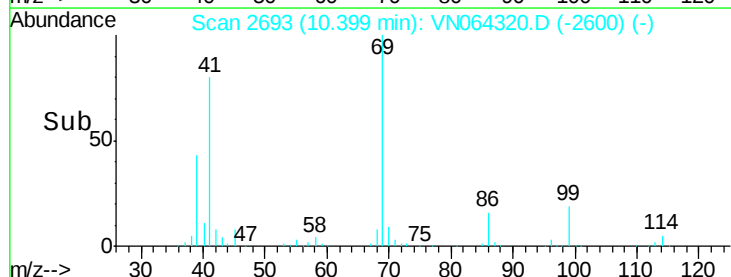
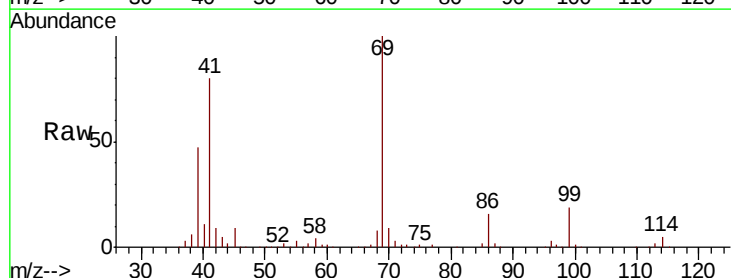
Ion 69.00 (68.70 to 69.70): VN0

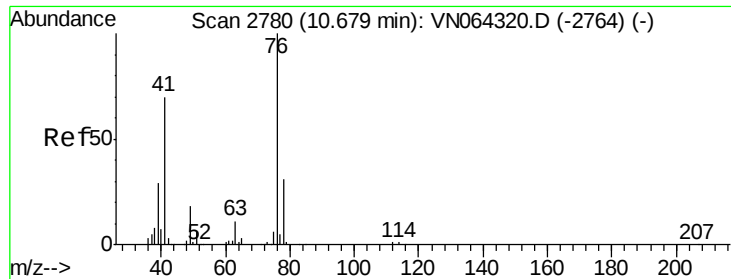
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.40

Time-->





#57

1,3-Dichloropropane

Concen: 53.758 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

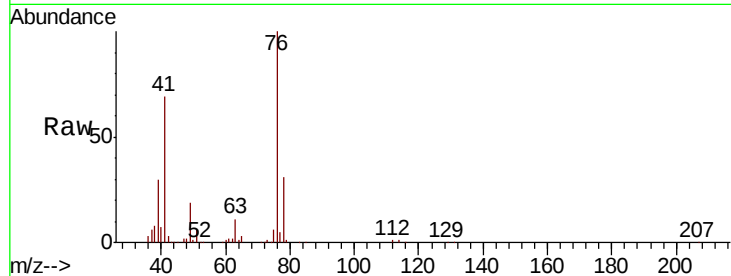
VSTDICCC050

Tot Ion: 76 Resp: 260619

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

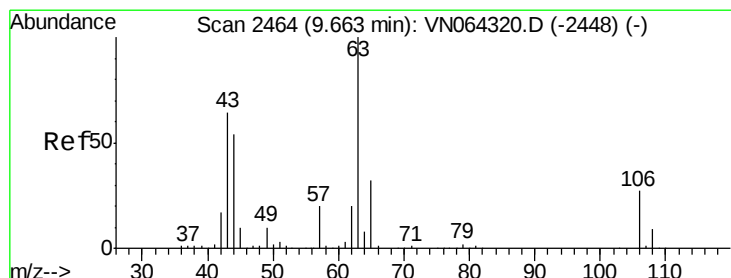
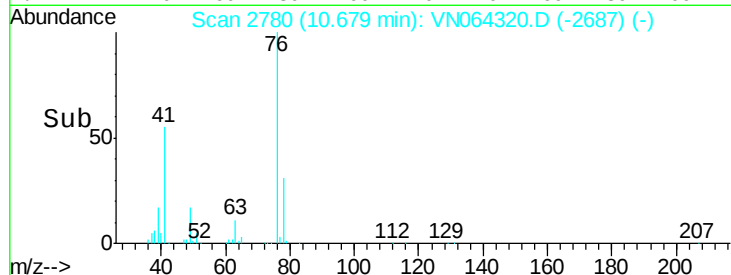
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 263.273 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064320.D

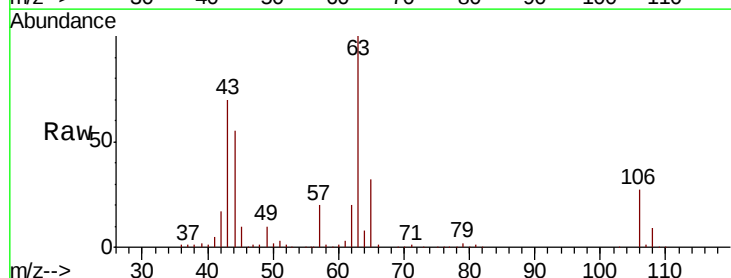
Acq: 27 Oct 2020 11:16

Tgt Ion: 63 Resp: 583069

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

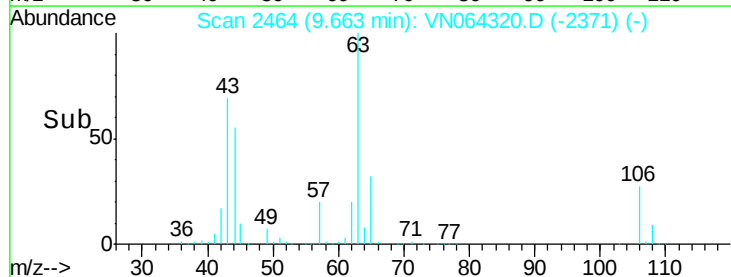
300000

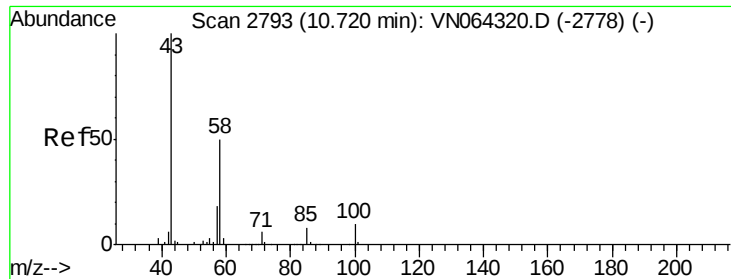
200000

100000

0

Time-->

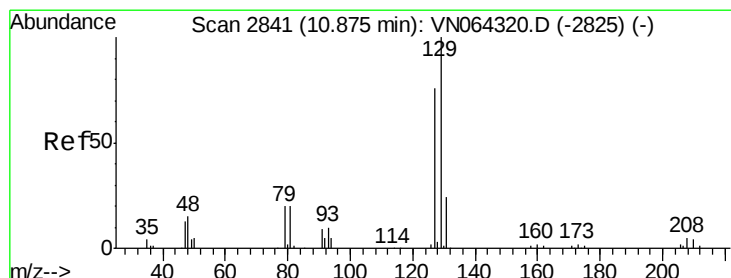
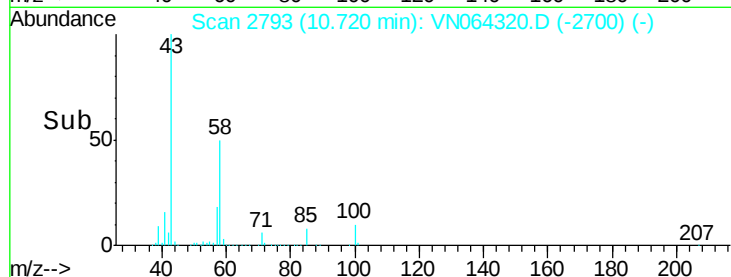
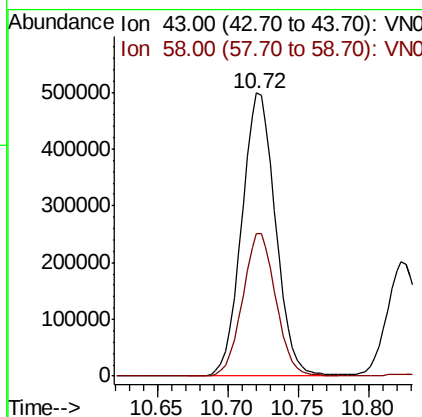
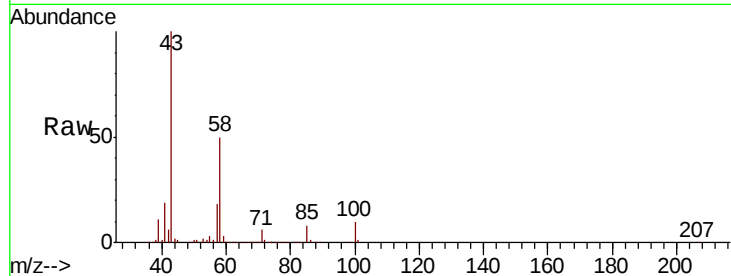




#59
2-Hexanone
Concen: 295.239 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

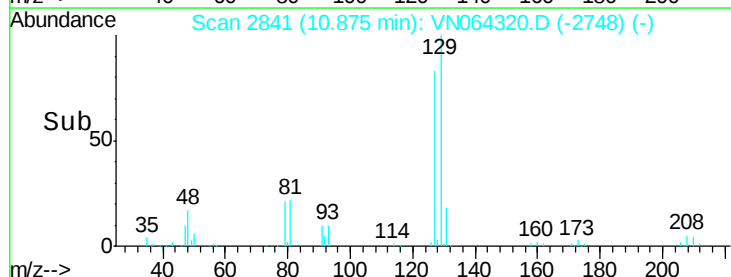
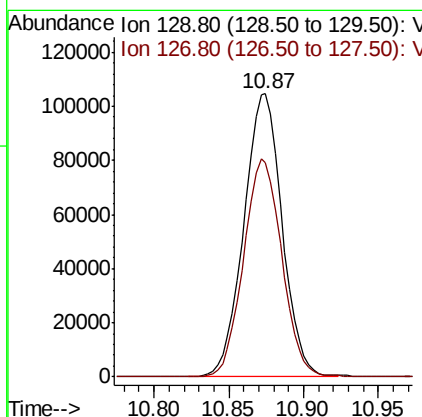
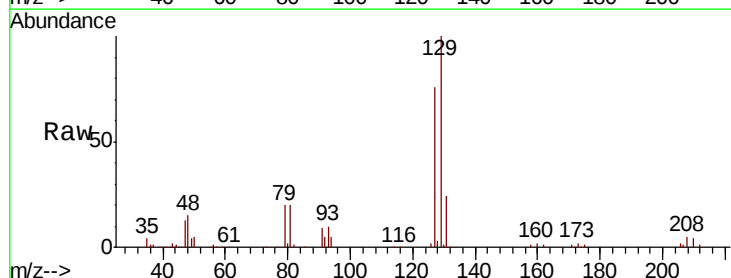
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

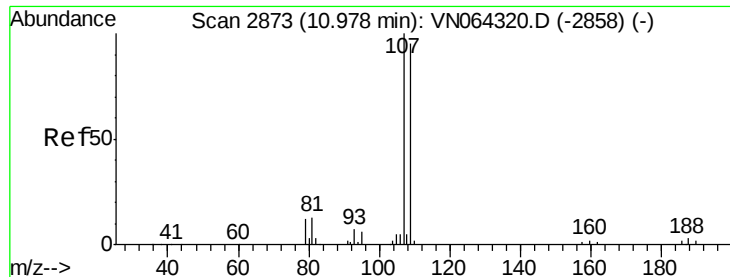
Tot Ion: 43 Resp: 832871
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0



#60
Dibromochloromethane
Concen: 51.688 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 129 Resp: 186419
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.282 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

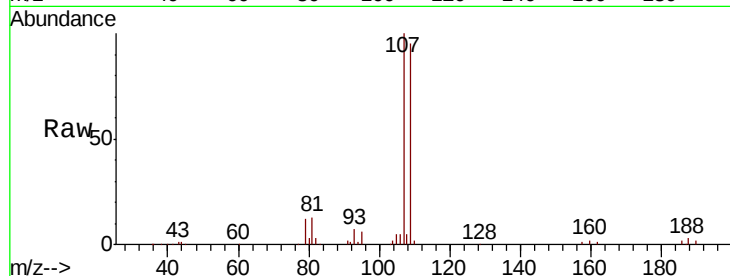
VSTDICCC050

Tot Ion:107 Resp: 160176

Ion Ratio Lower Upper

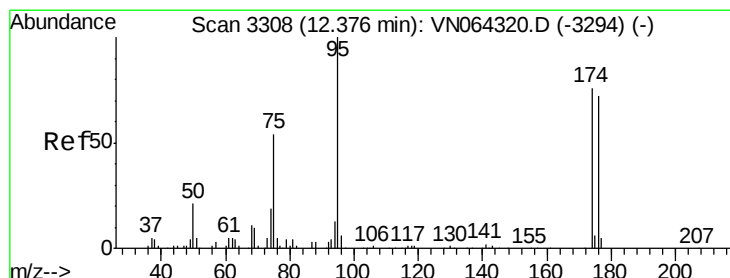
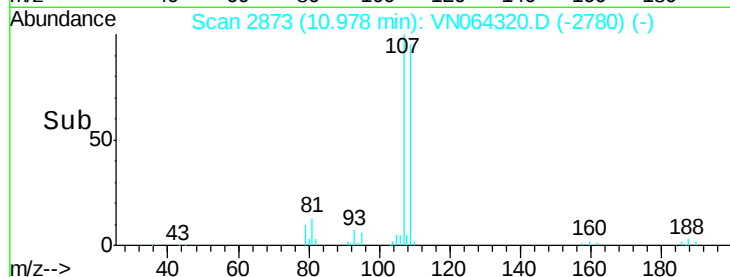
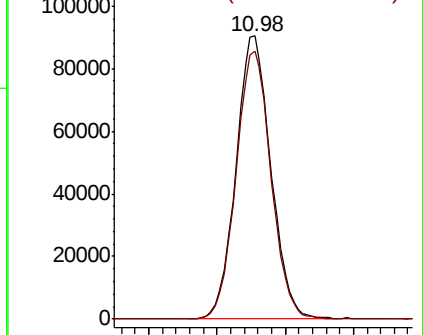
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.411 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

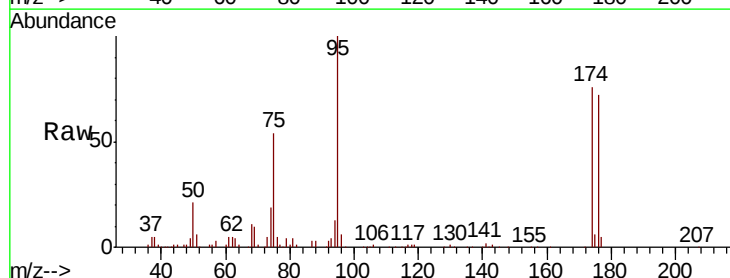
Tgt Ion: 95 Resp: 196689

Ion Ratio Lower Upper

95 100

174 73.7 0.0 147.4

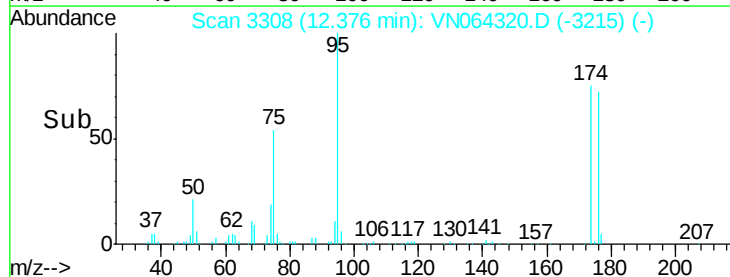
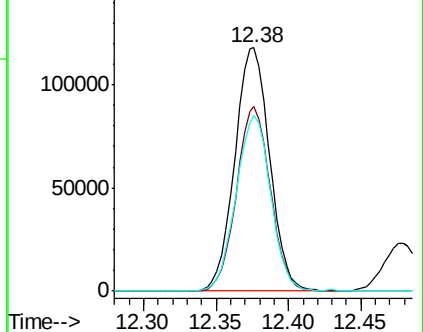
176 71.8 0.0 143.6

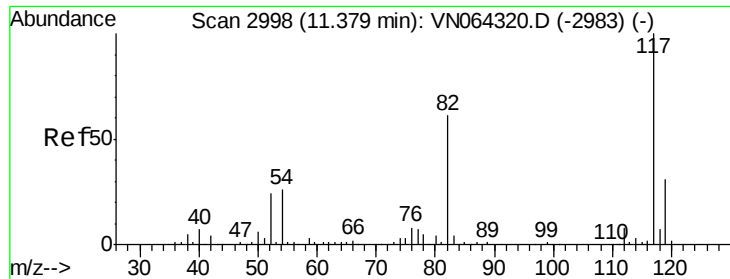


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

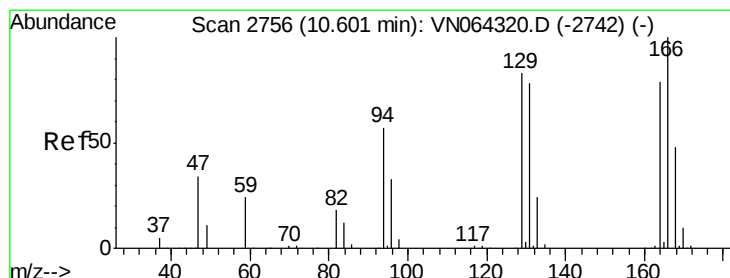
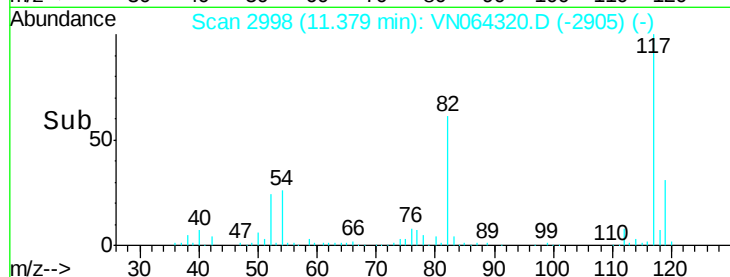
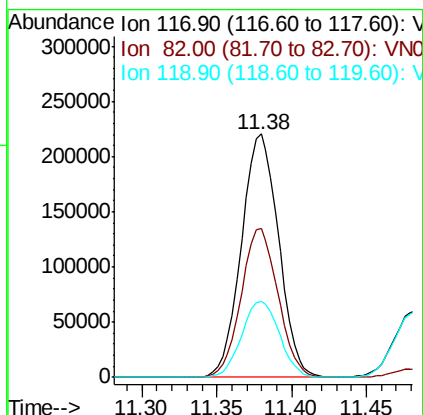
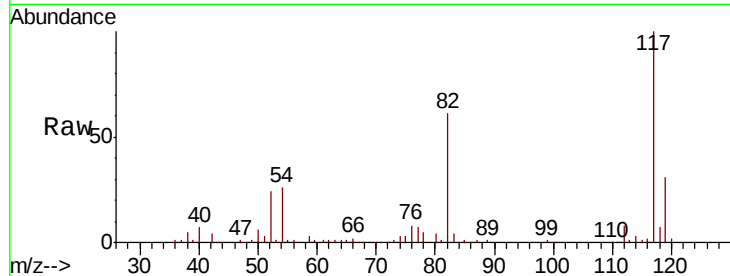




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

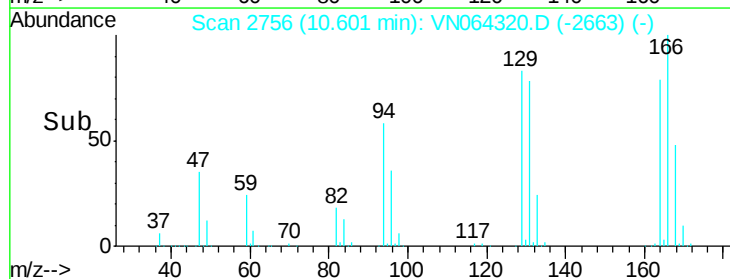
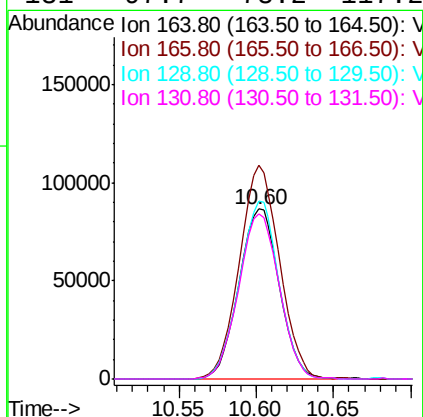
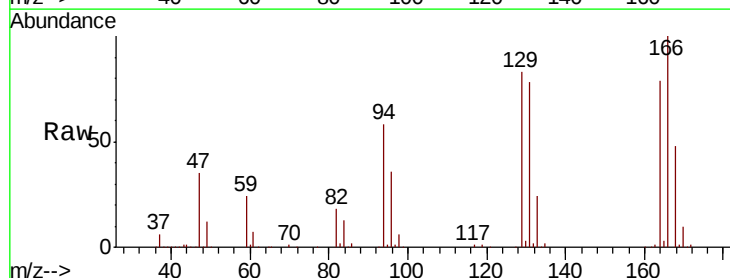
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

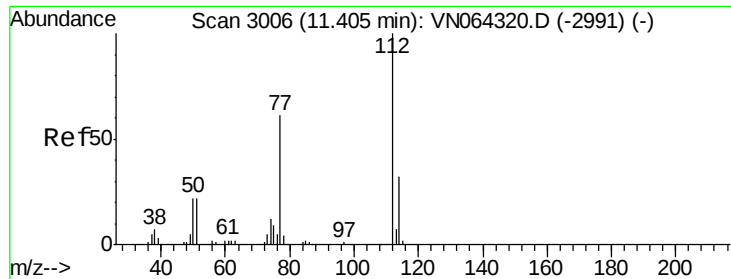
Tot Ion:117 Resp: 382775
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 31.4 25.1 37.7



#64
Tetrachloroethene
Concen: 51.061 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion:164 Resp: 157831
Ion Ratio Lower Upper
164 100
166 125.9 100.7 151.1
129 104.6 83.7 125.5
131 97.7 78.2 117.2

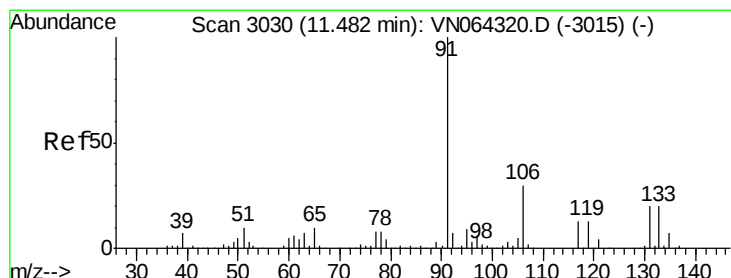
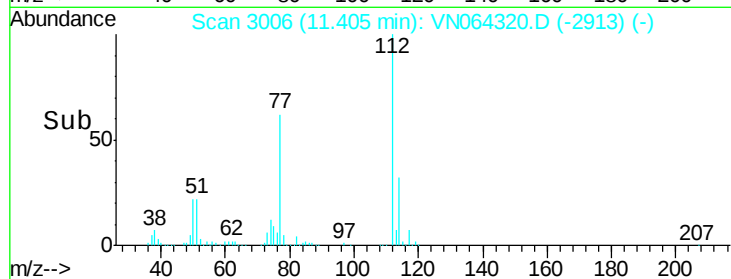
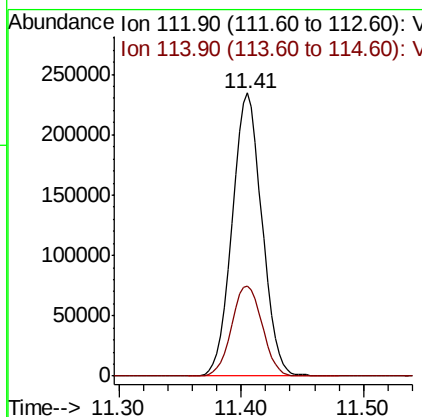
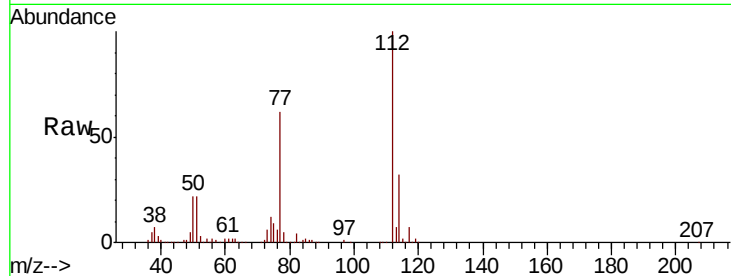




#65
Chlorobenzene
Concen: 50.407 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

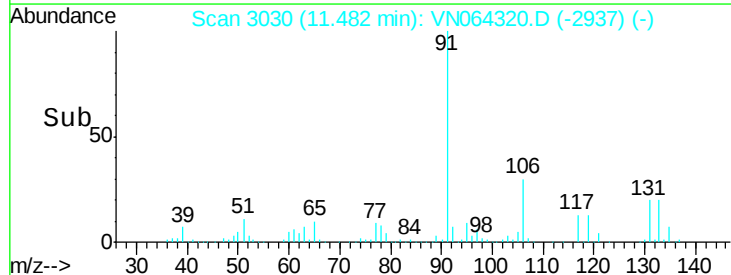
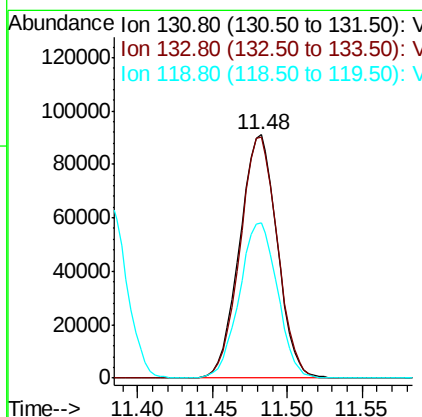
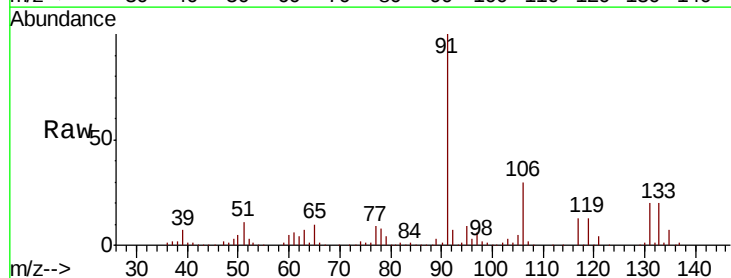
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

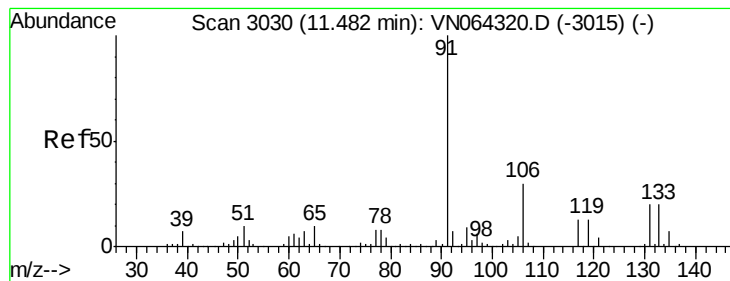
Tot Ion:112 Resp: 397749
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.926 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion:131 Resp: 159537
Ion Ratio Lower Upper
131 100
133 98.5 49.3 147.8
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 51.579 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

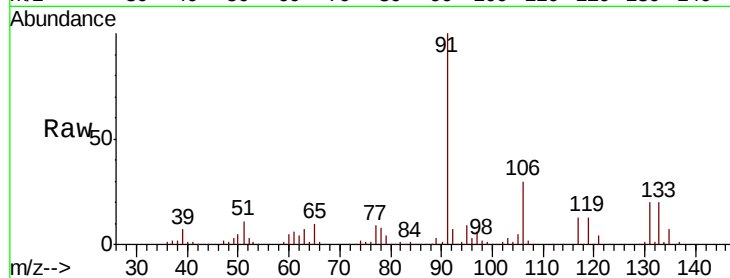
VSTDICCC050

Tot Ion: 91 Resp: 749532

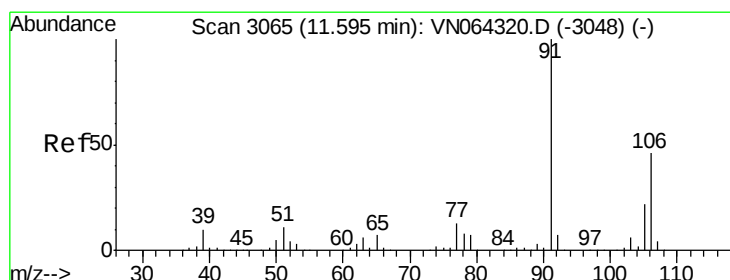
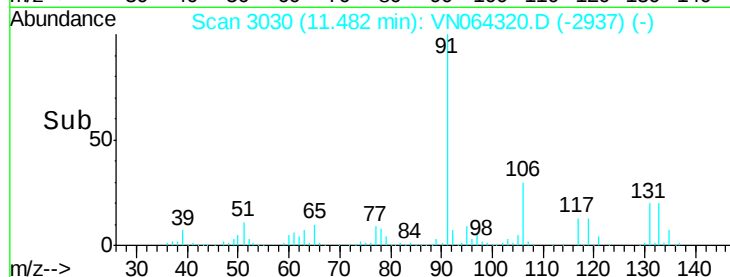
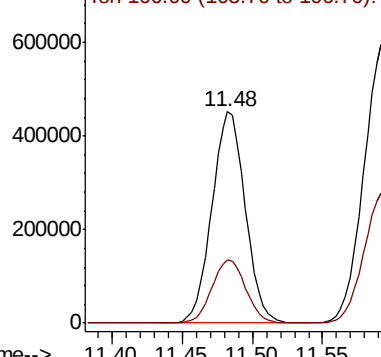
Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3015) (-)



#68

m/p-Xylenes

Concen: 102.447 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064320.D

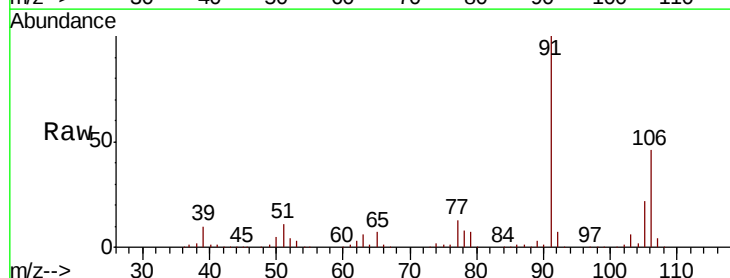
Acq: 27 Oct 2020 11:16

Tgt Ion: 106 Resp: 552015

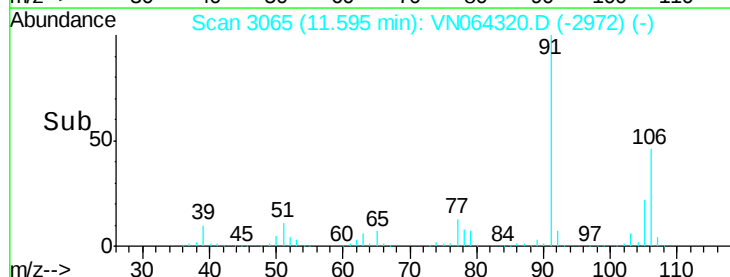
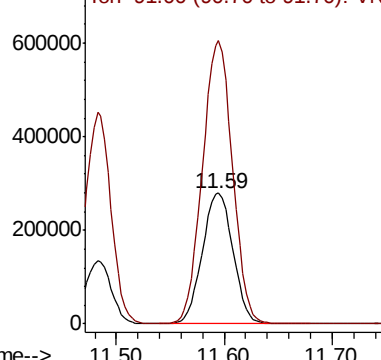
Ion Ratio Lower Upper

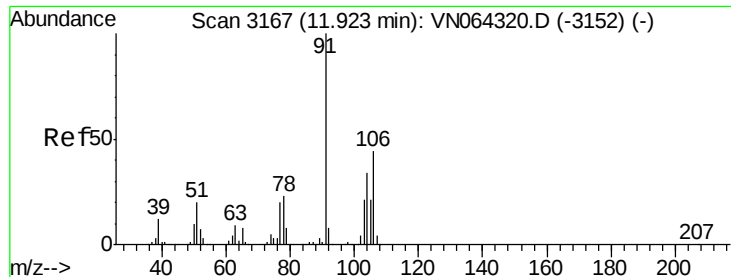
106 100

91 212.8 170.2 255.4



Abundance Ion 106.00 (105.70 to 106.70): VN064320.D (-3048) (-)

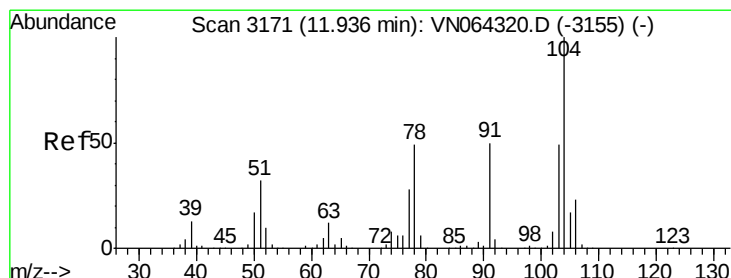
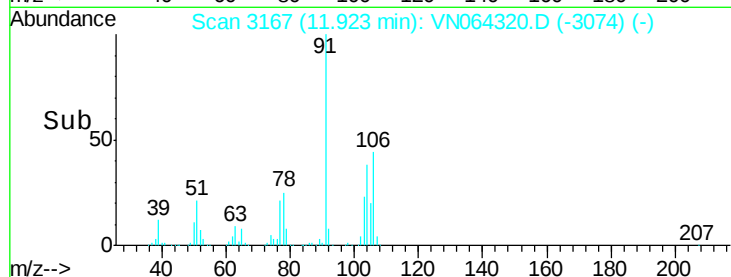
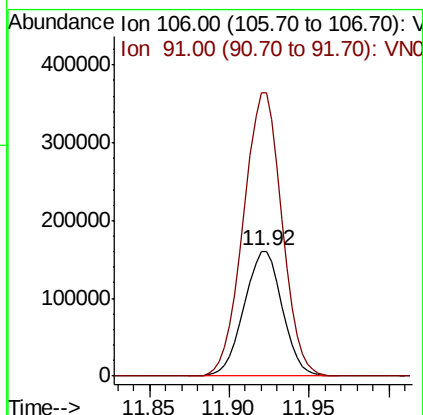
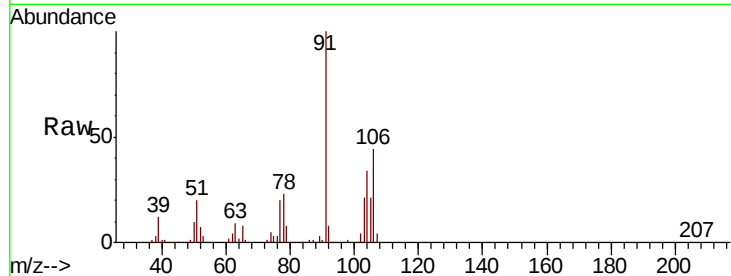




#69
o-Xylene
Concen: 50.715 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

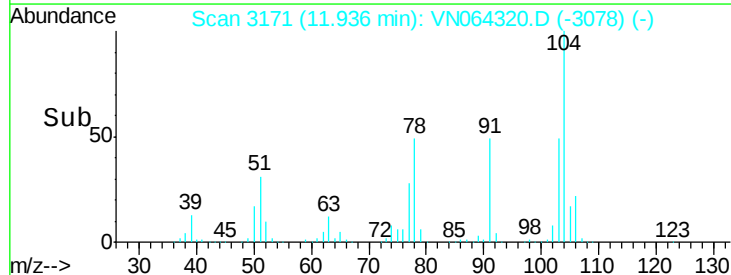
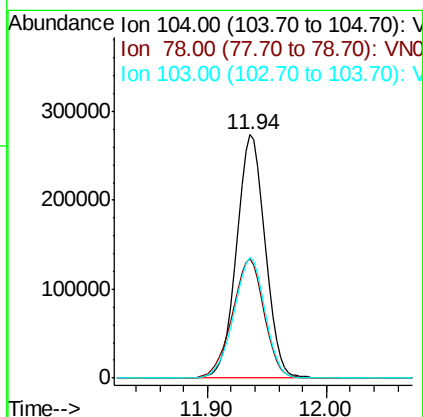
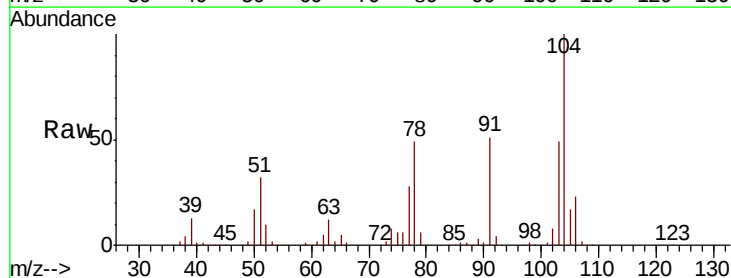
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

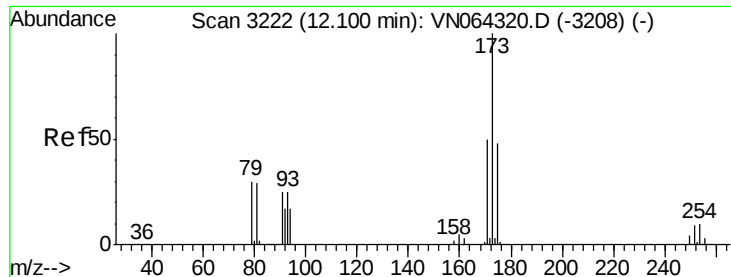
Tot Ion:106 Resp: 262517
Ion Ratio Lower Upper
106 100
91 229.0 114.5 343.5



#70
Styrene
Concen: 52.445 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion:104 Resp: 457052
Ion Ratio Lower Upper
104 100
78 54.6 43.7 65.5
103 54.1 43.3 64.9





#71

Bromoform

Concen: 53.076 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

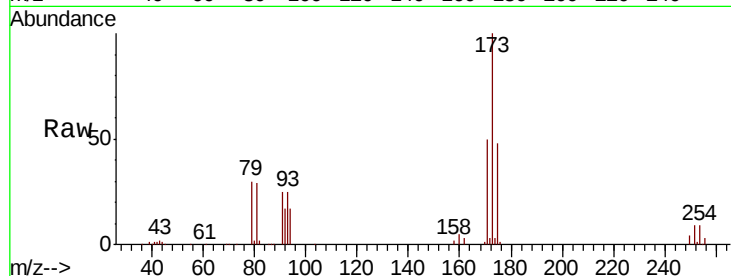
Tot Ion:173 Resp: 128742

Ion Ratio Lower Upper

173 100

175 50.7 25.4 76.0

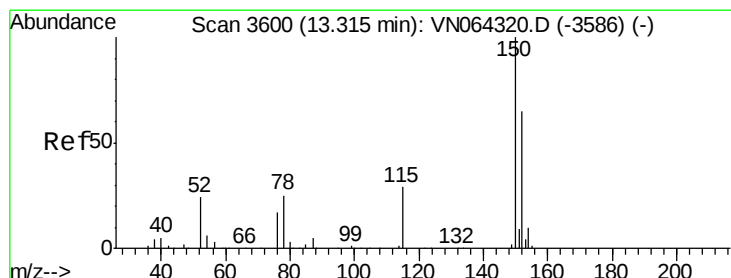
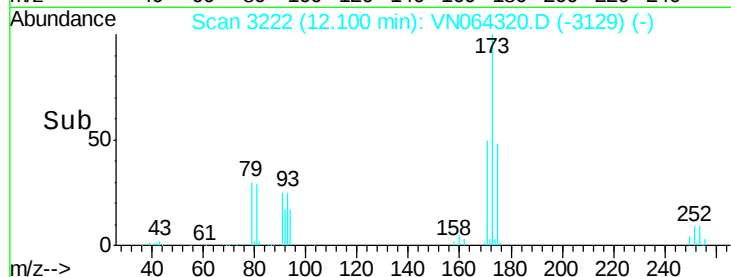
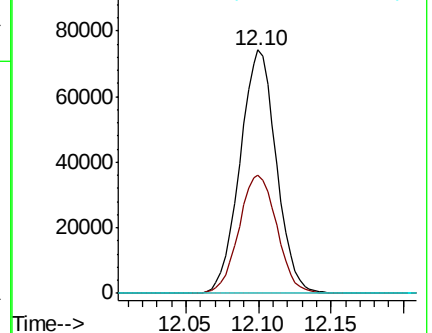
254 0.0 0.0 0.0#



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: VN064320.D

Acq: 27 Oct 2020 11:16

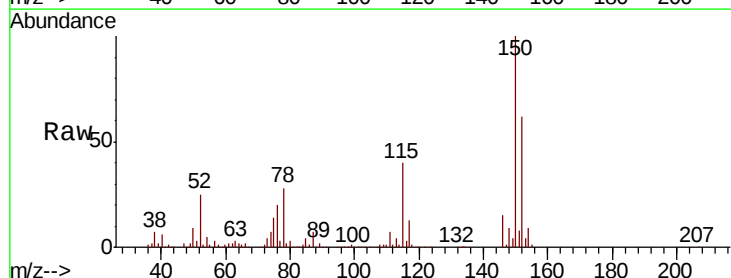
Tgt Ion:152 Resp: 186448

Ion Ratio Lower Upper

152 100

115 63.0 31.5 94.5

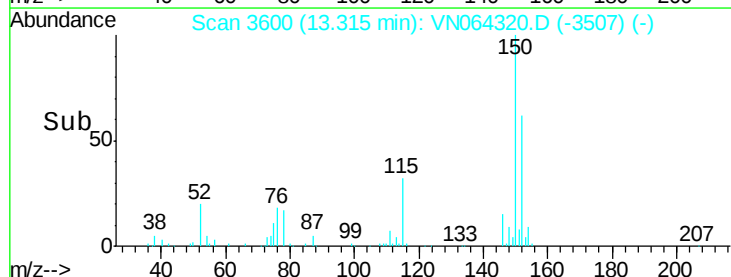
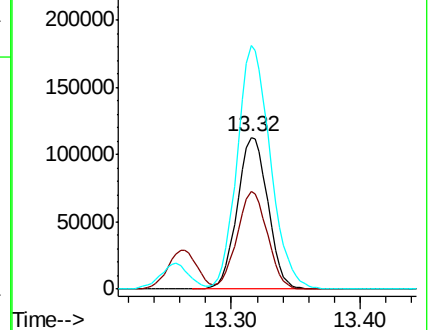
150 173.1 0.0 346.2

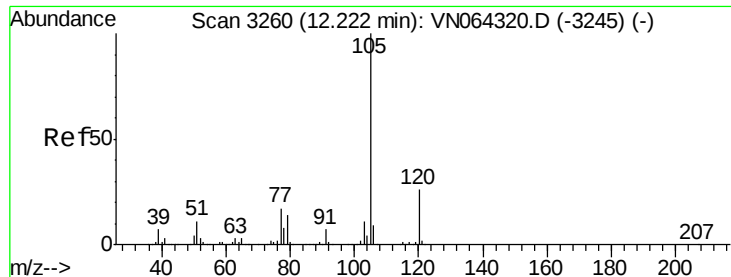


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.104 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

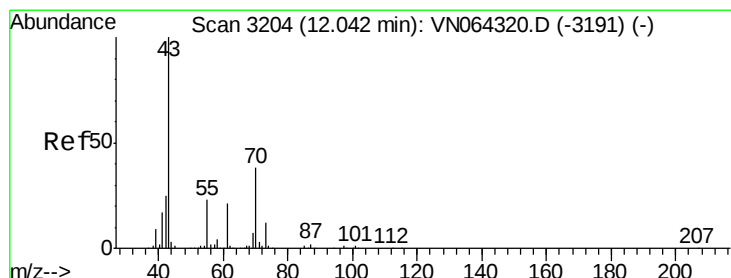
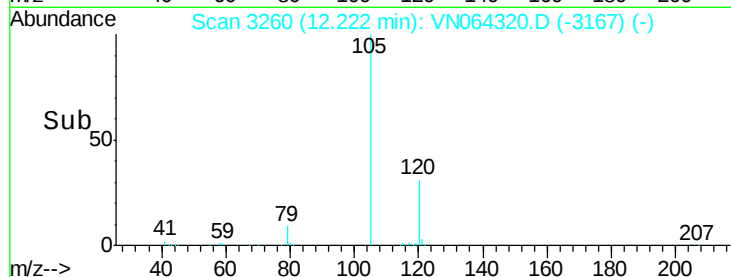
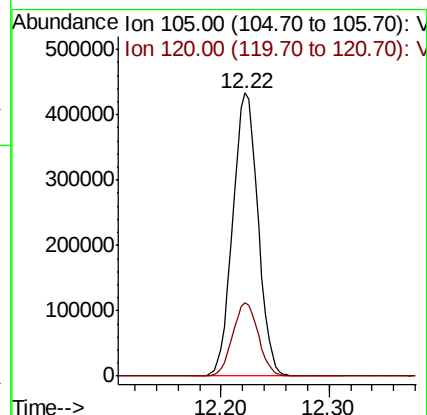
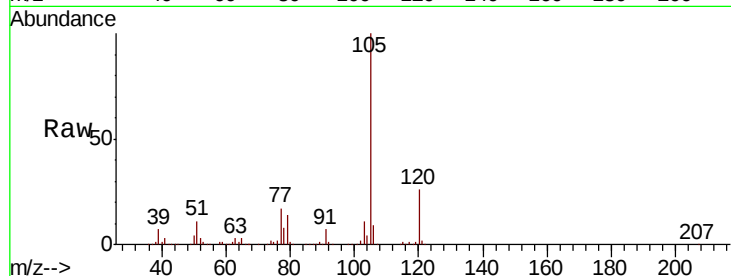
VSTDICCC050

Tot Ion:105 Resp: 708473

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 53.396 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Tgt Ion: 43 Resp: 328561

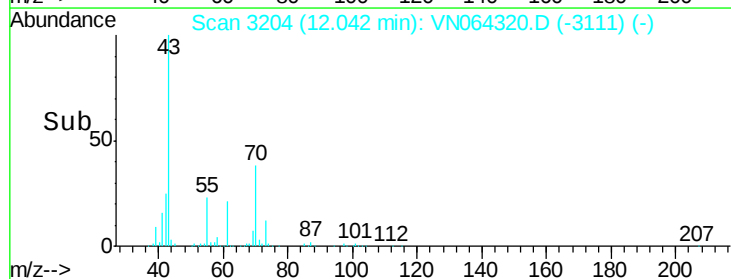
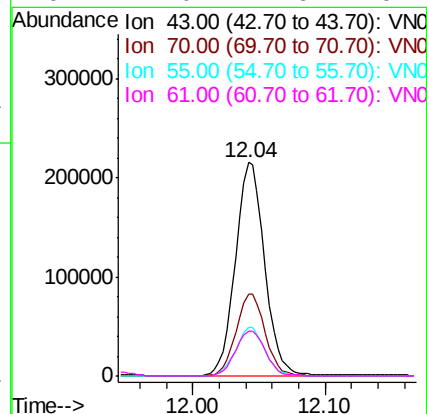
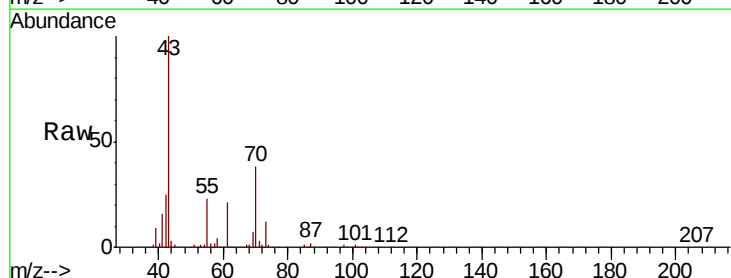
Ion Ratio Lower Upper

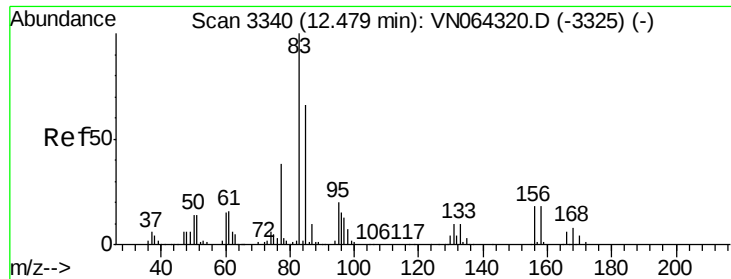
43 100

70 38.2 30.6 45.8

55 22.8 18.2 27.4

61 22.0 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.798 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

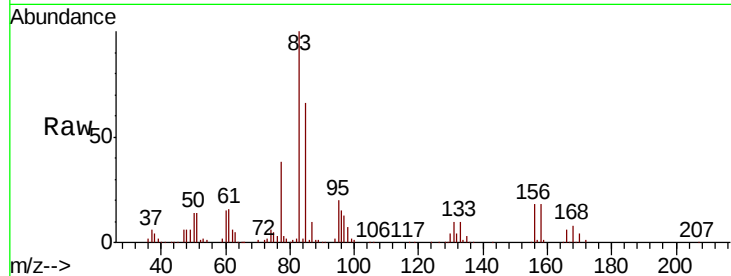
Tot Ion: 83 Resp: 200818

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

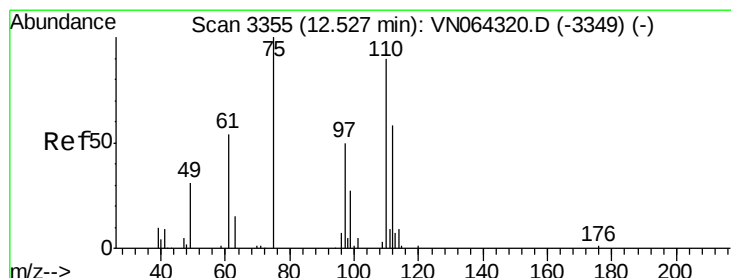
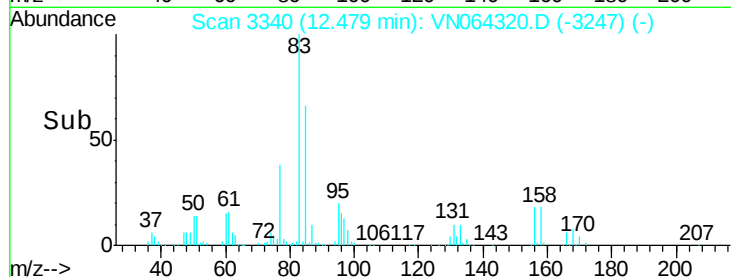
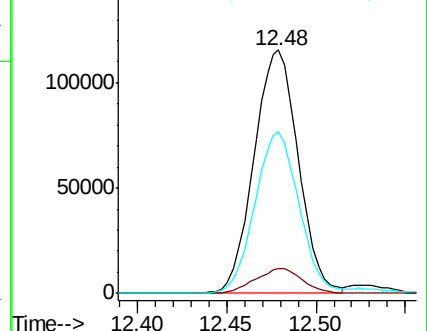
85 65.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064320.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 76.426 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064320.D

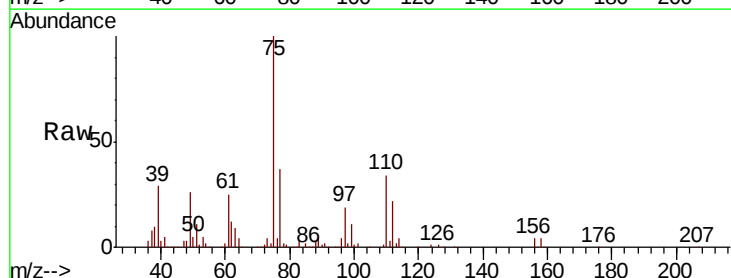
Acq: 27 Oct 2020 11:16

Tgt Ion: 75 Resp: 309600

Ion Ratio Lower Upper

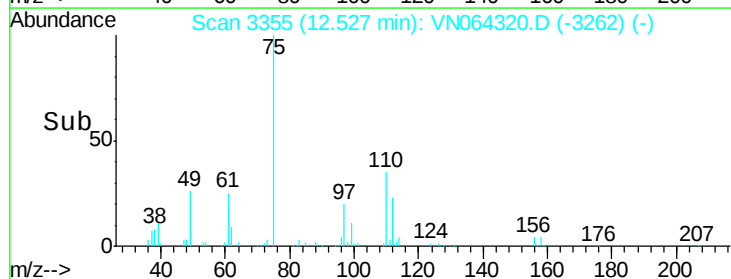
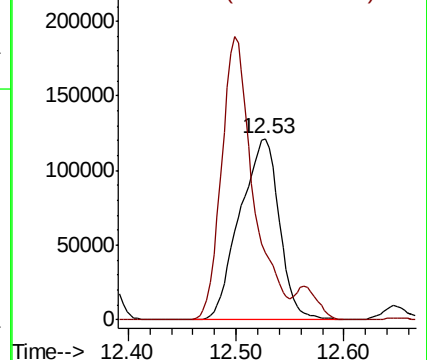
75 100

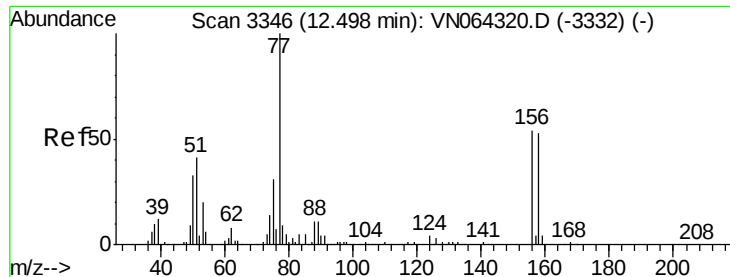
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064320.D (-3349) (-)





#77

Bromobenzene

Concen: 51.732 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

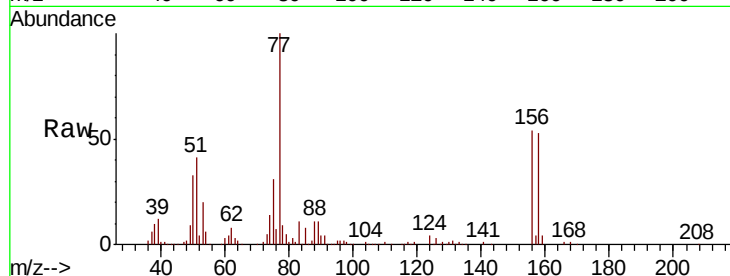
Tot Ion:156 Resp: 174001

Ion Ratio Lower Upper

156 100

77 223.8 111.9 335.7

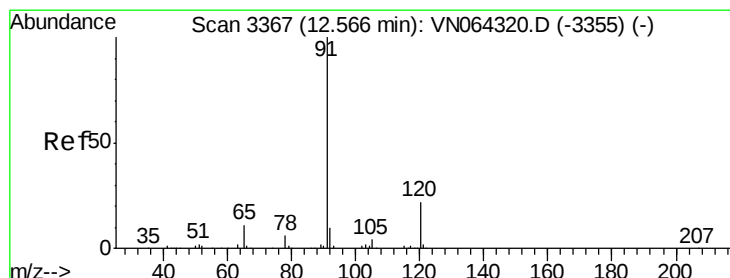
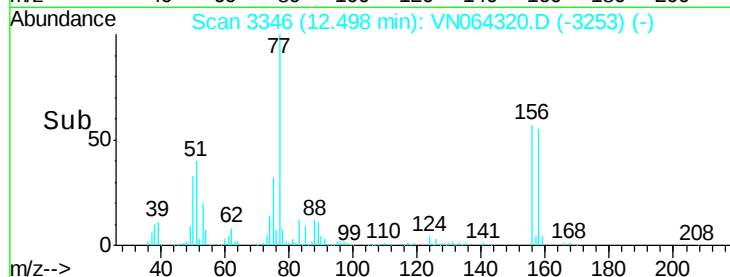
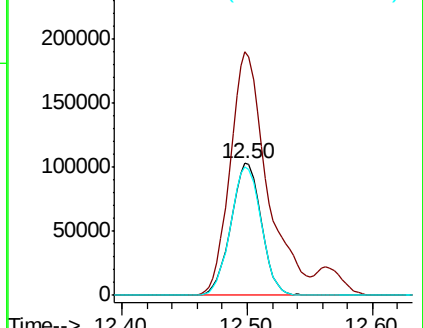
158 98.0 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.408 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064320.D

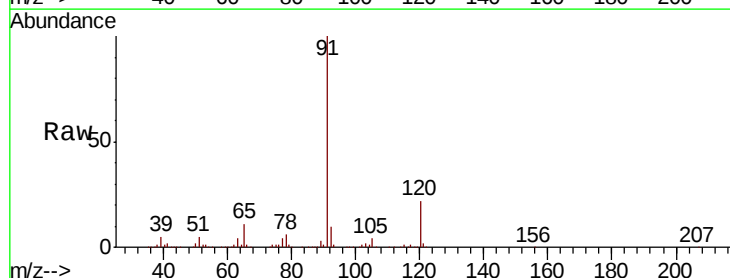
Acq: 27 Oct 2020 11:16

Tgt Ion: 91 Resp: 822421

Ion Ratio Lower Upper

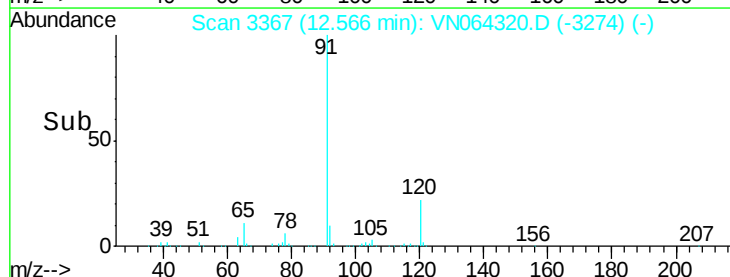
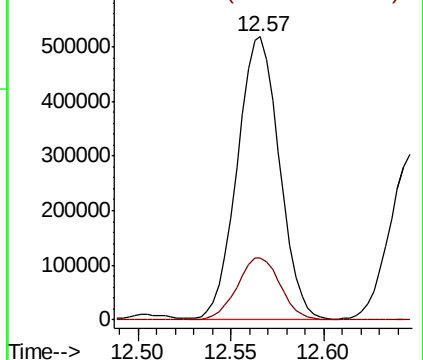
91 100

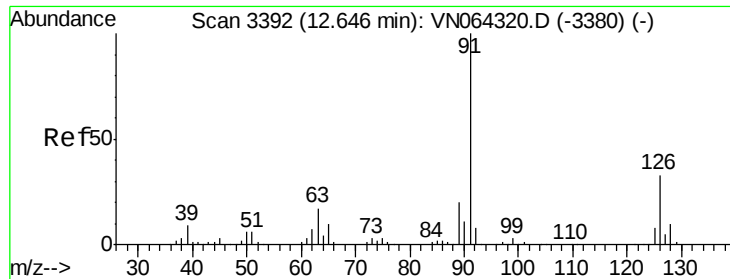
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

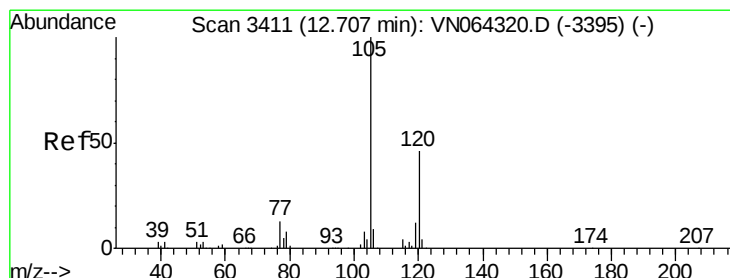
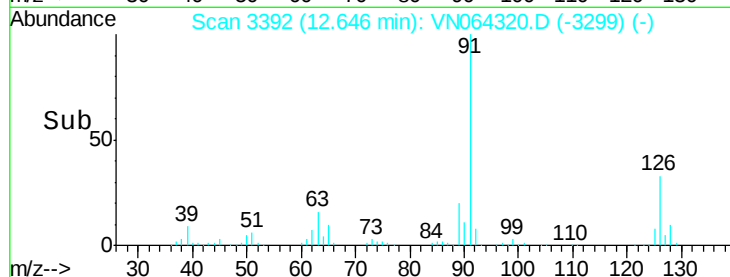
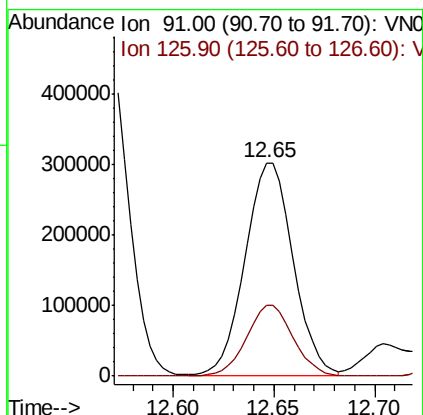
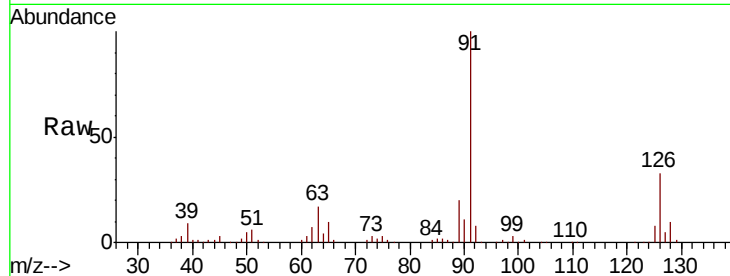




#79
 2-Chlorotoluene
 Concen: 51.444 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

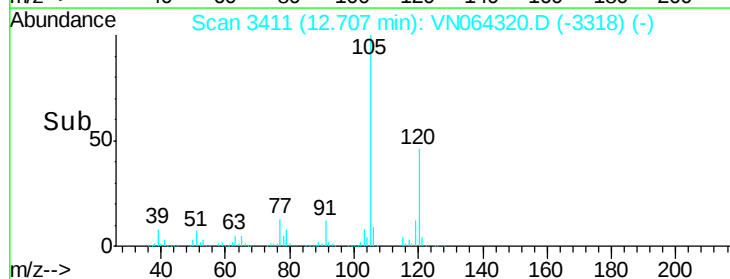
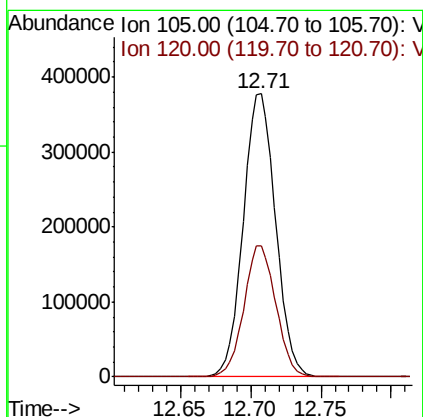
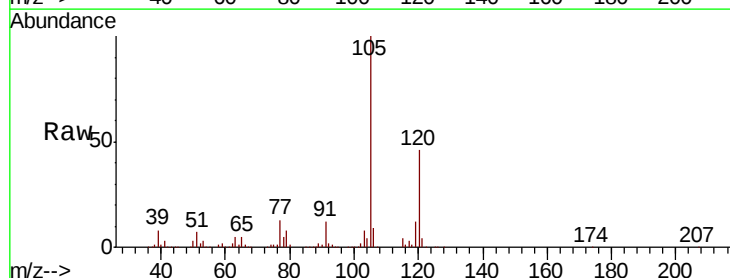
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

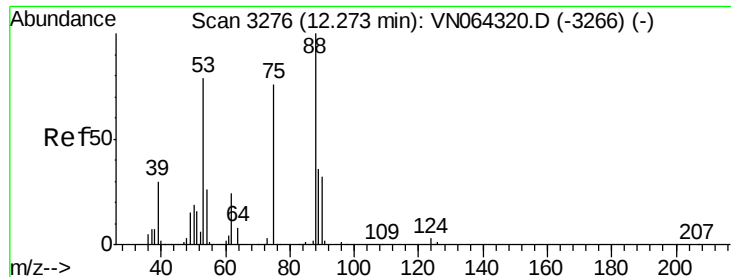
Tot Ion: 91 Resp: 505684
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.728 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion: 105 Resp: 607242
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8

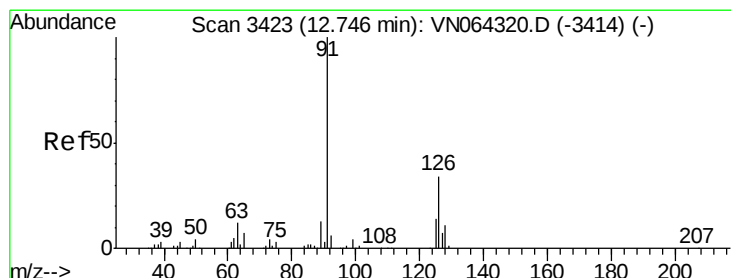
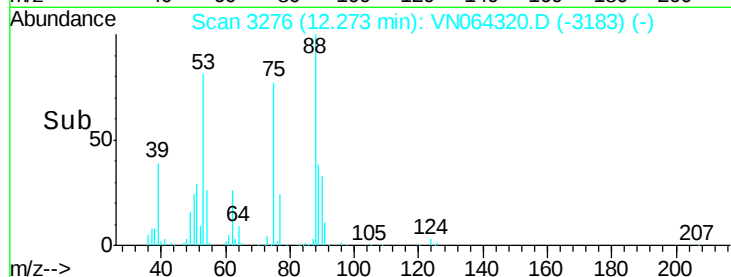
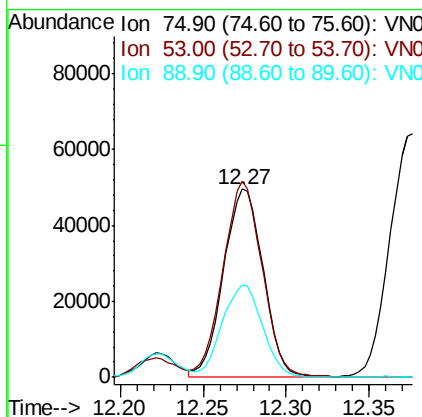
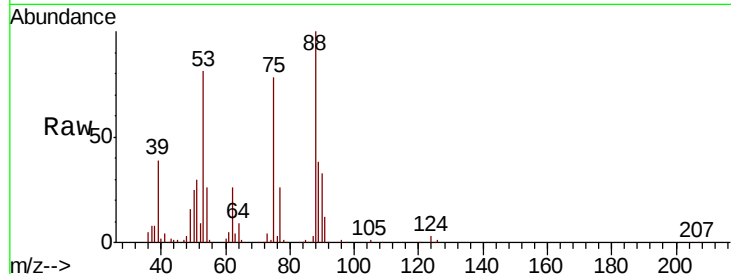




#81
trans-1,4-Dichloro-2-butene
Concen: 52.691 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

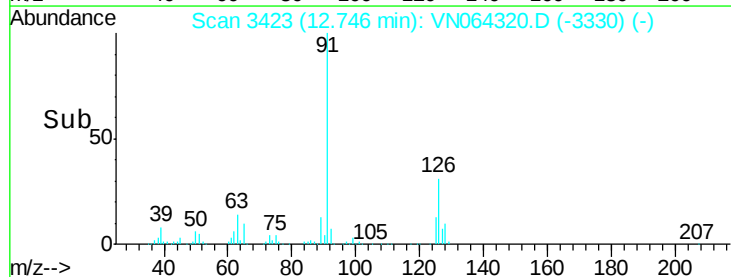
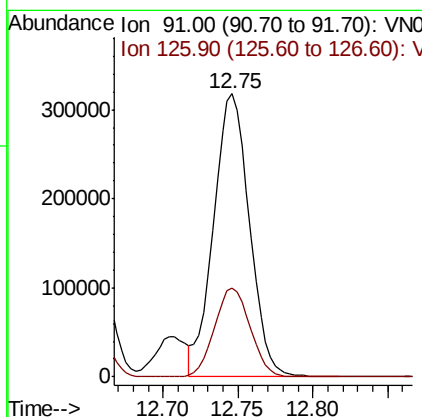
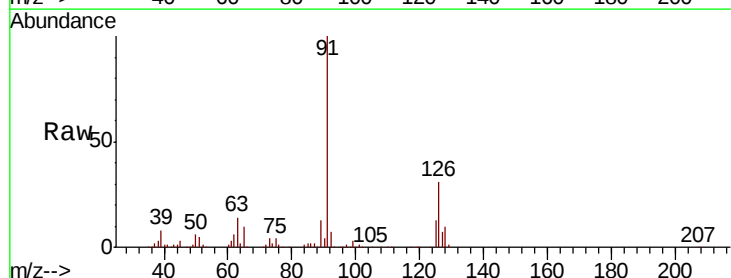
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

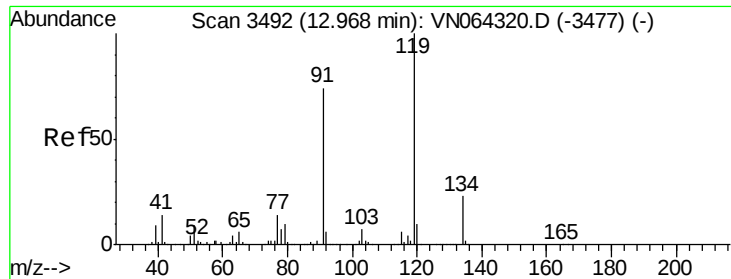
Tot Ion: 75 Resp: 82751
Ion Ratio Lower Upper
75 100
53 102.3 81.8 122.8
89 49.9 39.9 59.9



#82
4-Chlorotoluene
Concen: 51.558 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion: 91 Resp: 528202
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.3

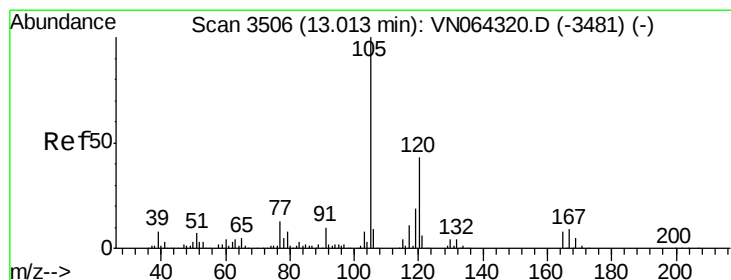
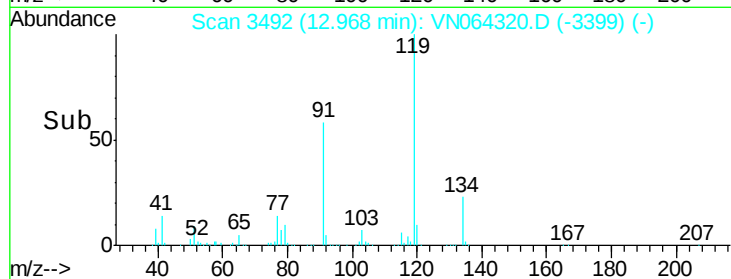
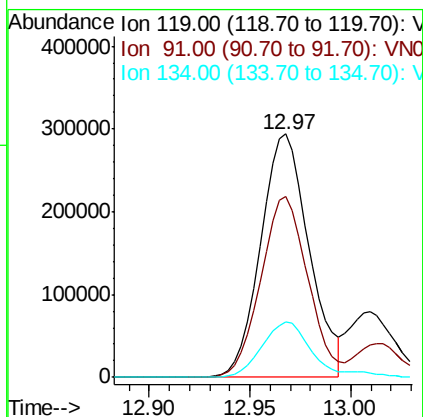
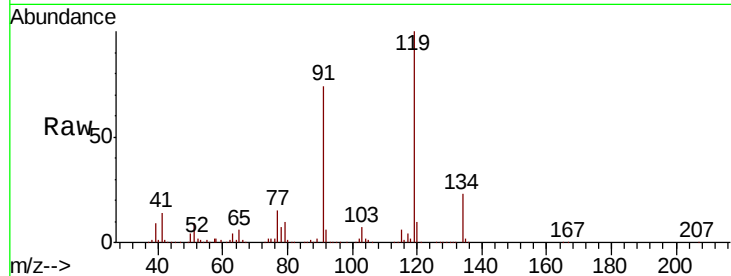




#83
 tert-Butylbenzene
 Concen: 50.080 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

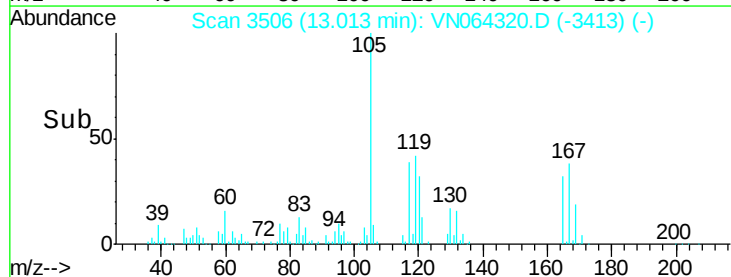
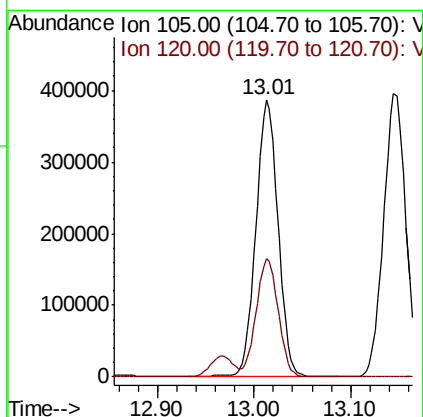
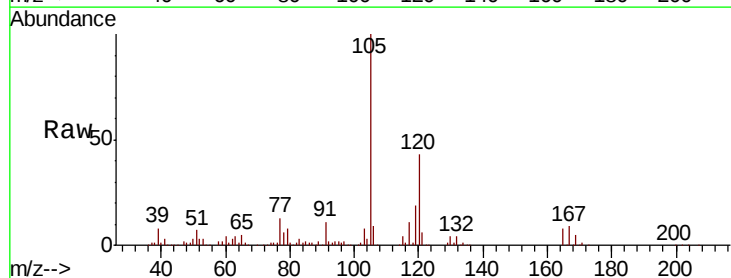
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

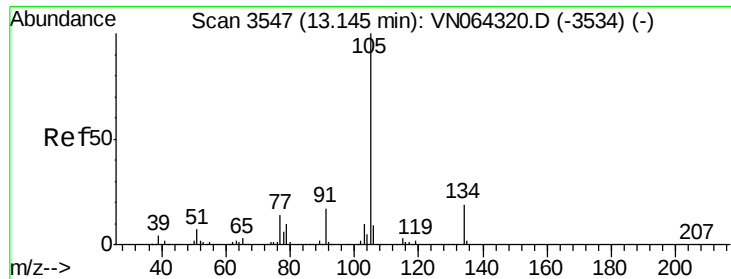
Tot Ion:119 Resp: 491054
 Ion Ratio Lower Upper
 119 100
 91 72.7 36.4 109.1
 134 24.1 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.753 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion:105 Resp: 617795
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.3 64.0

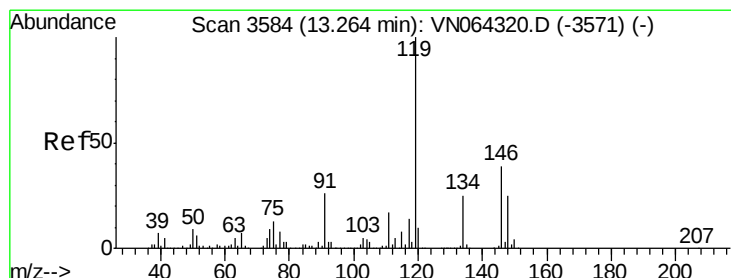
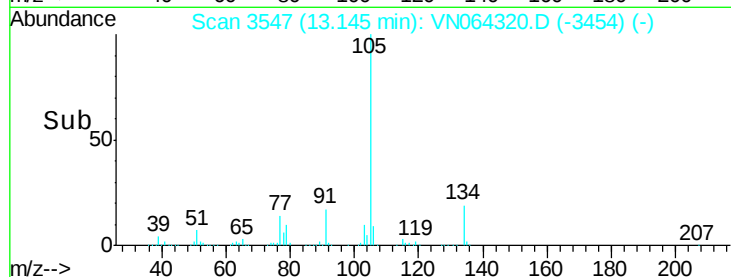
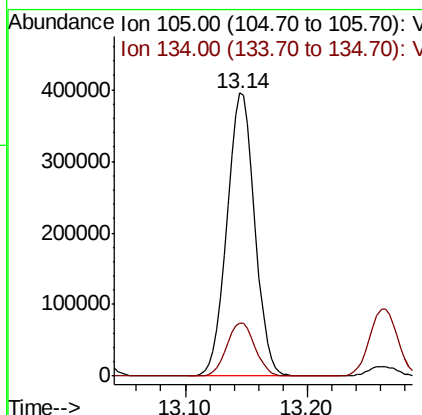
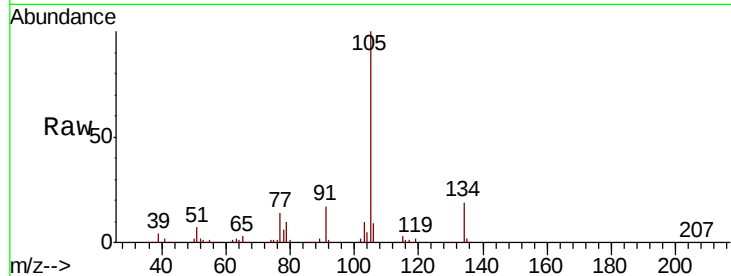




#85
 sec-Butylbenzene
 Concen: 51.017 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

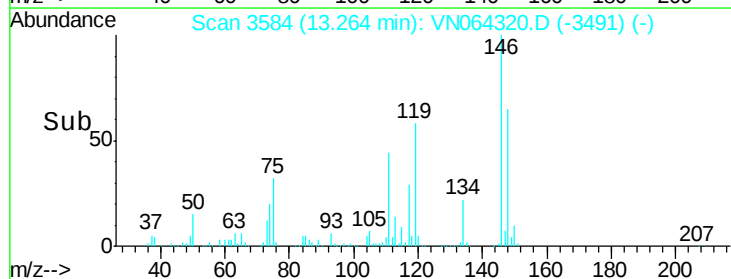
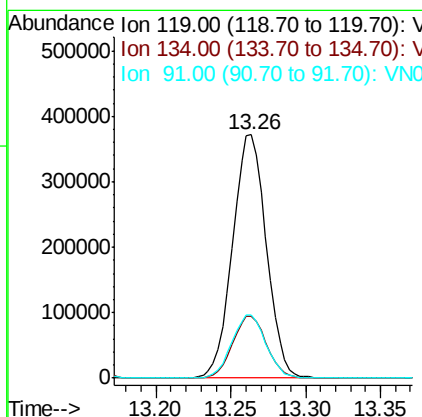
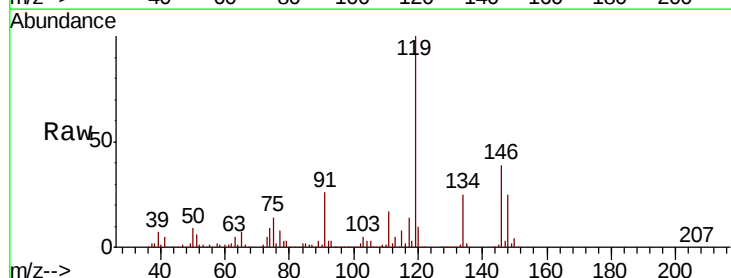
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

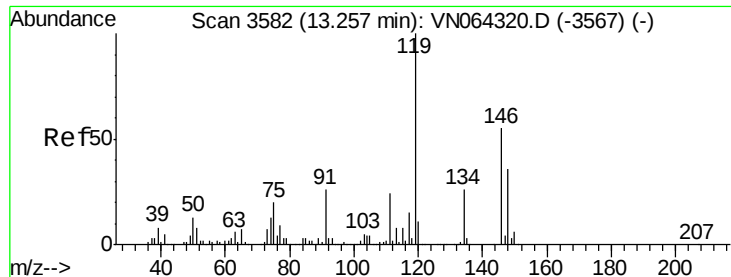
Tot Ion:105 Resp: 630510
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 51.660 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion:119 Resp: 582151
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 25.9 13.0 38.9

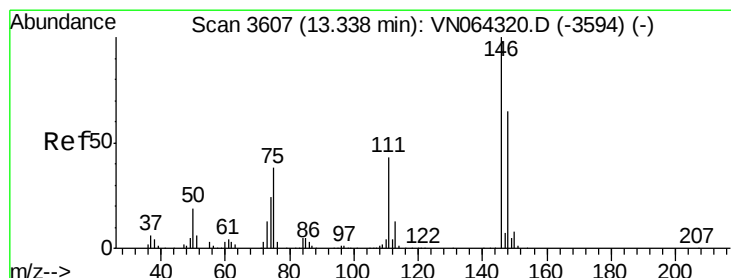
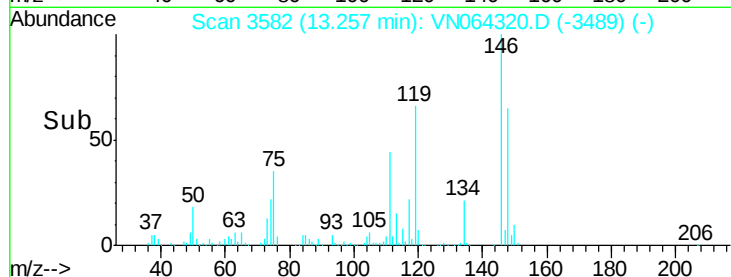
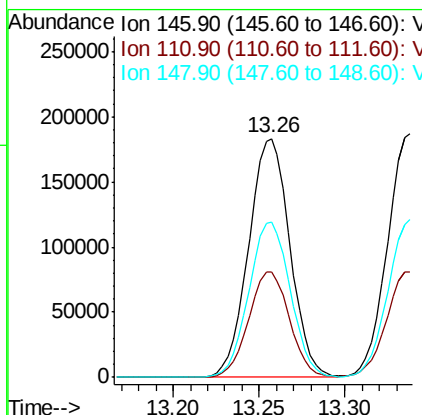
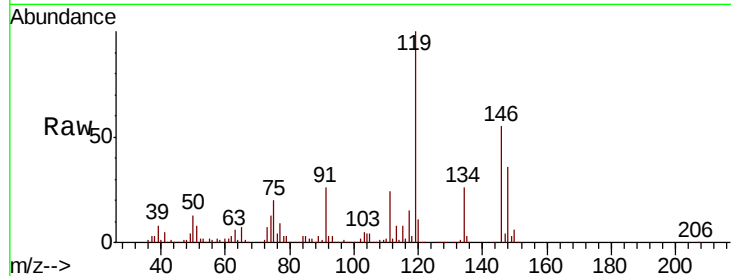




#87
 1,3-Dichlorobenzene
 Concen: 51.252 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

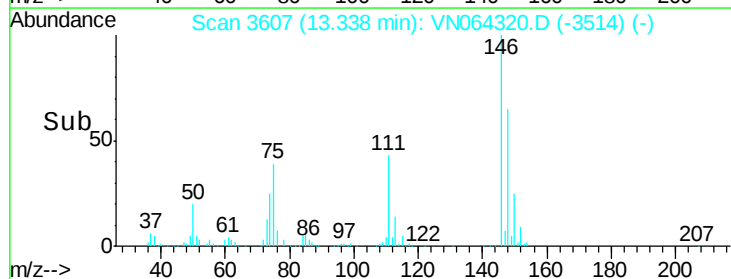
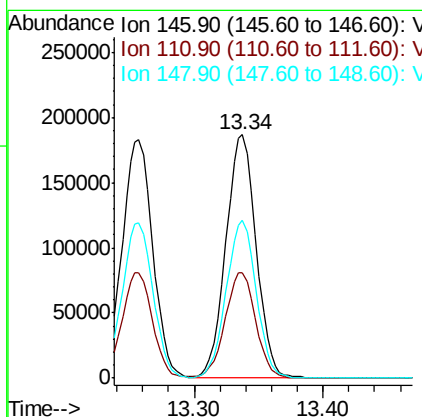
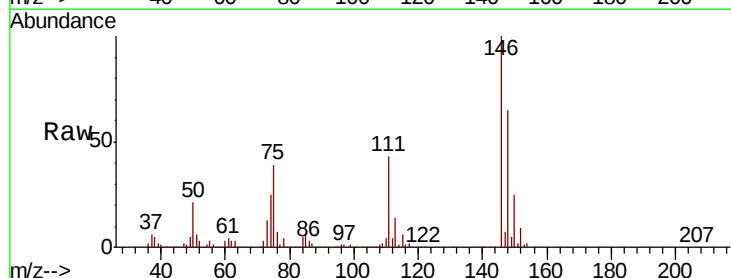
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

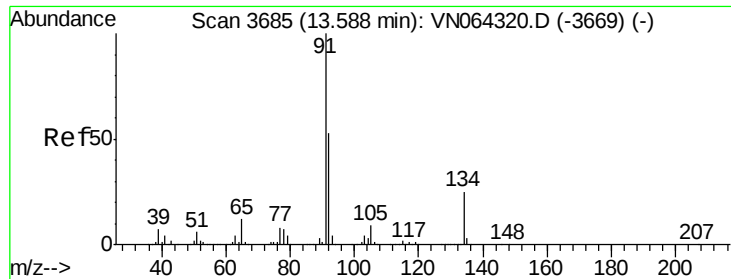
Tot Ion:146 Resp: 305399
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.9 65.5
 148 65.3 32.6 98.0



#88
 1,4-Dichlorobenzene
 Concen: 49.945 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion:146 Resp: 303907
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.8 65.4
 148 63.5 31.8 95.3

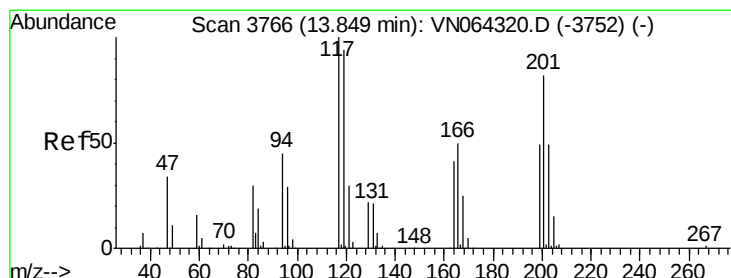
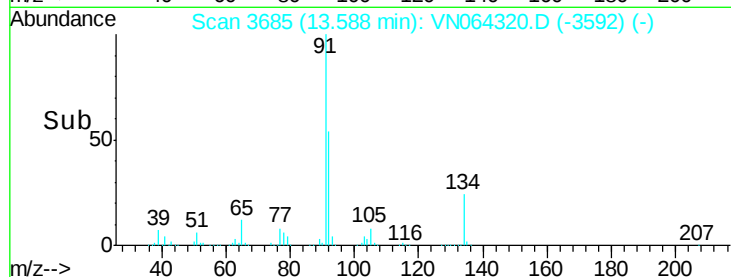
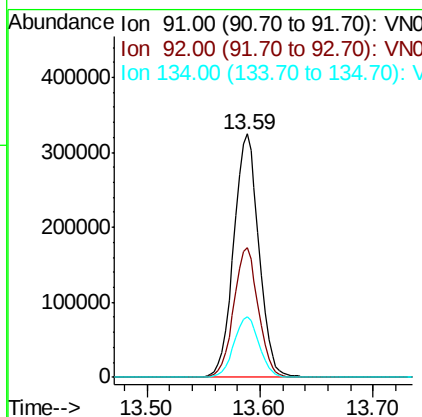
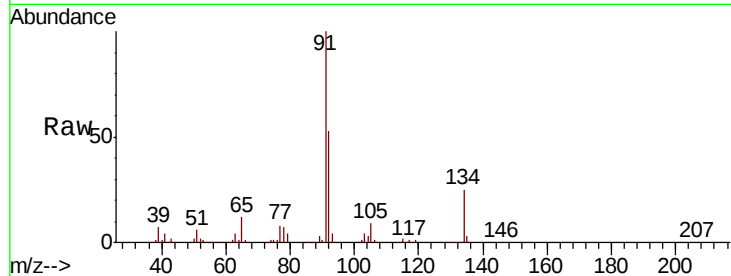




#89
n-Butylbenzene
Concen: 49.990 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

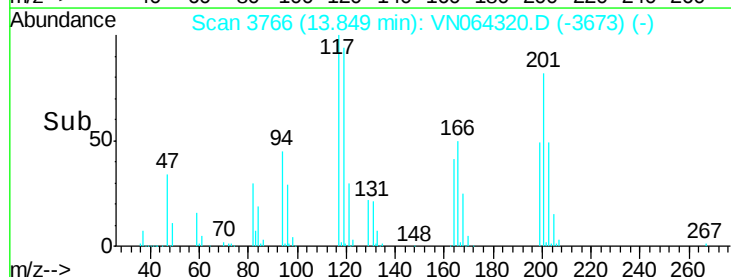
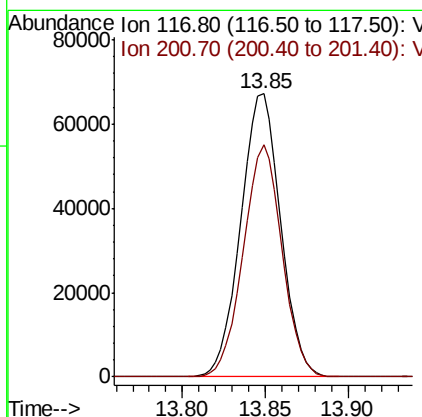
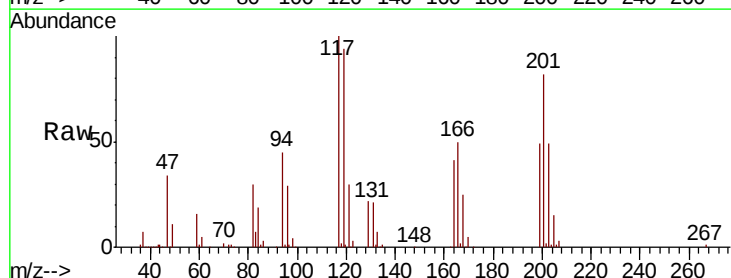
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

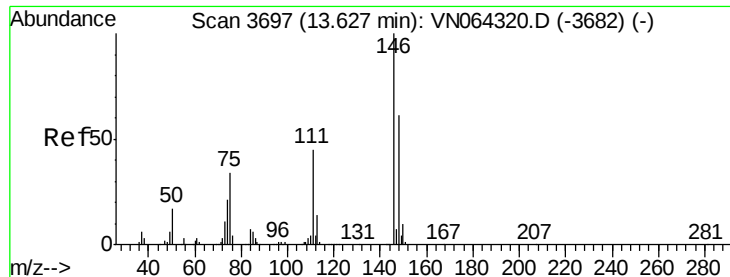
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	24.9	12.4	37.4



#90
Hexachloroethane
Concen: 54.077 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064320.D
Acq: 27 Oct 2020 11:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	39.8	119.3

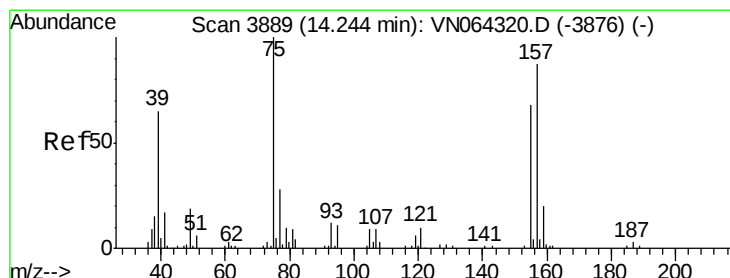
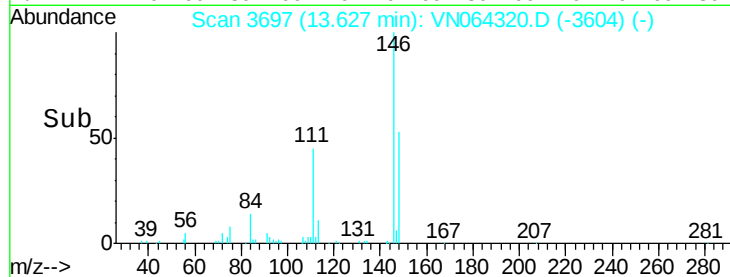
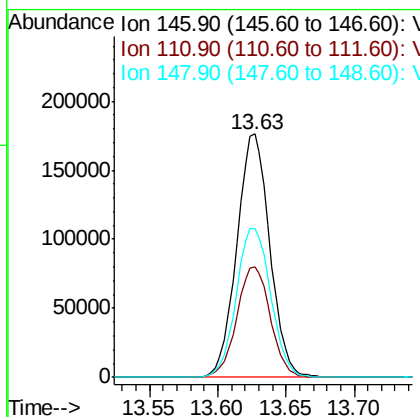
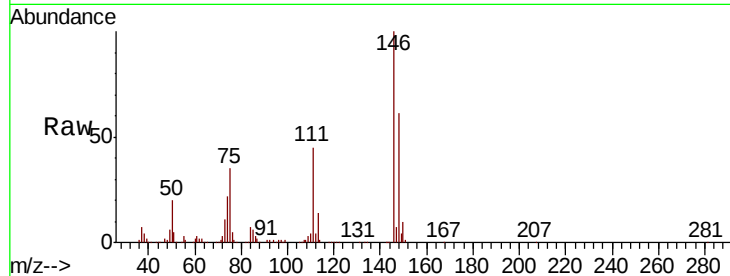




#91
 1,2-Dichlorobenzene
 Concen: 50.777 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

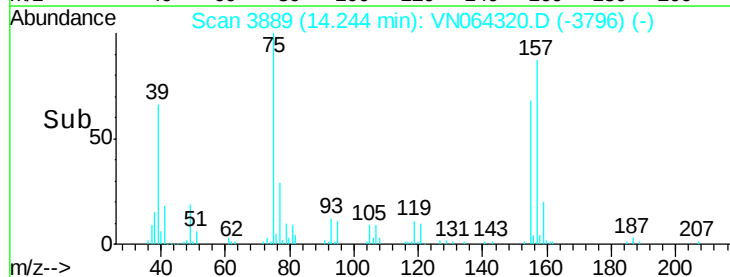
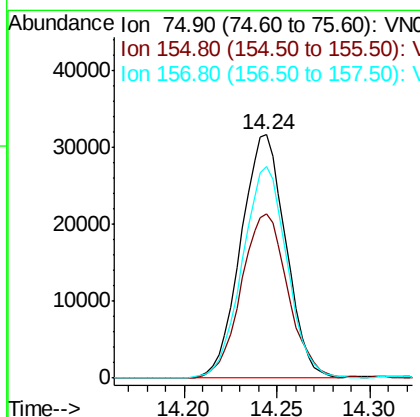
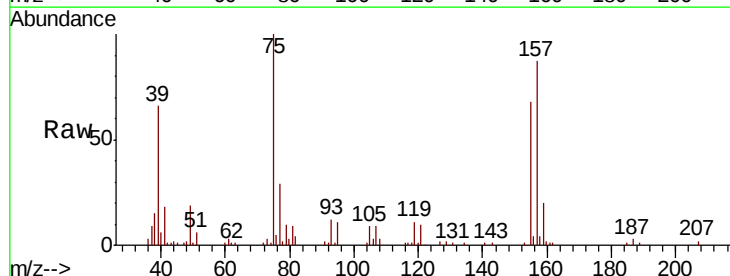
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

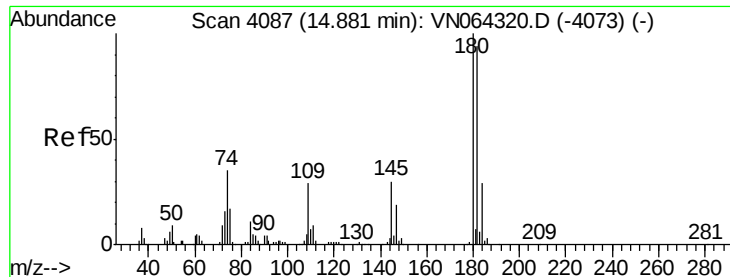
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.0	69.0
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.507 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	35.1	105.5
157	86.4	43.2	129.6

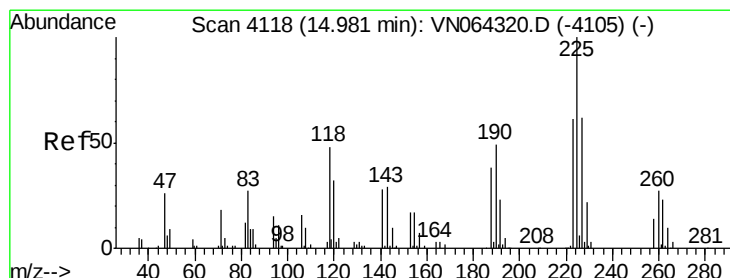
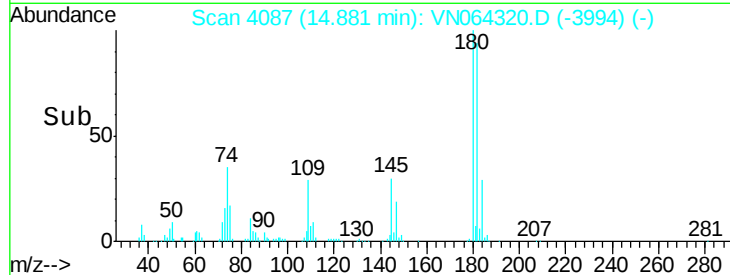
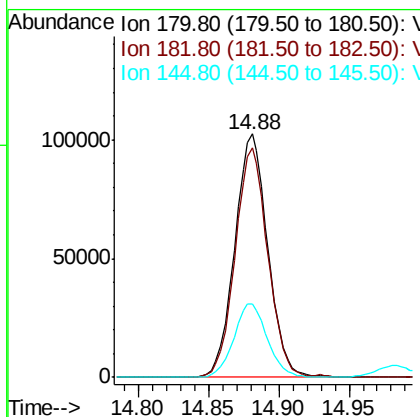
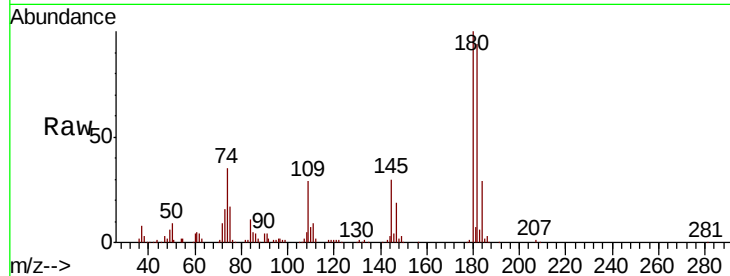




#93
 1,2,4-Trichlorobenzene
 Concen: 51.614 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

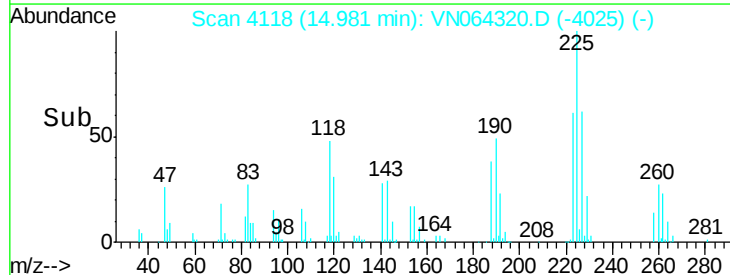
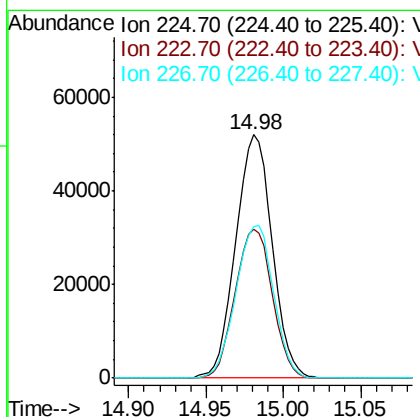
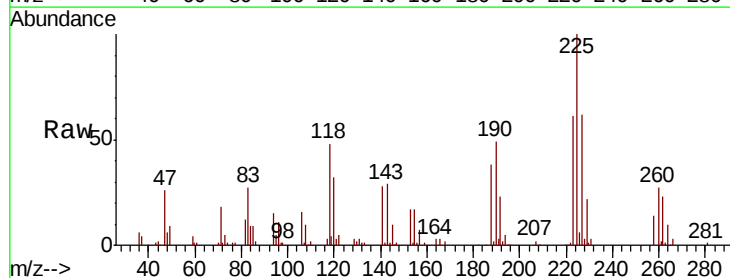
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

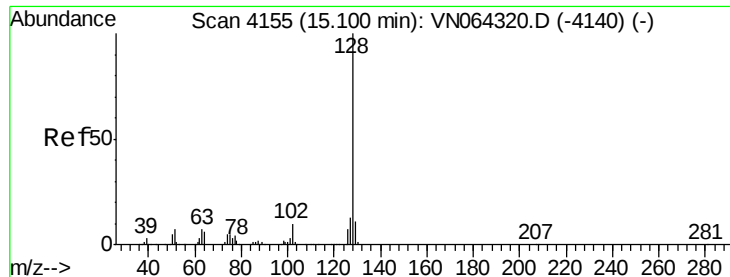
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.7
145	30.6	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 48.541 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064320.D
 Acq: 27 Oct 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	64.6	32.3	96.9





#95

Naphthalene

Concen: 51.901 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

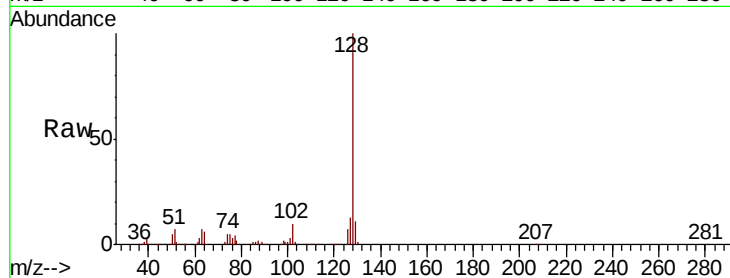
Tot Ion:128 Resp: 506113

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

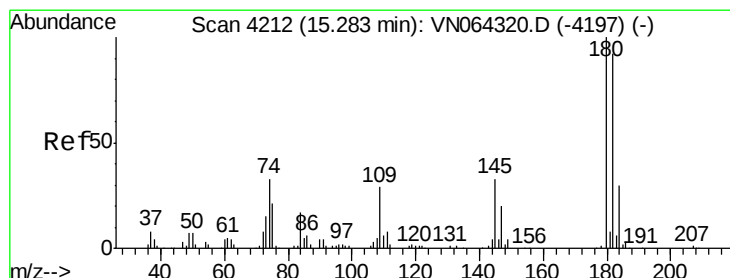
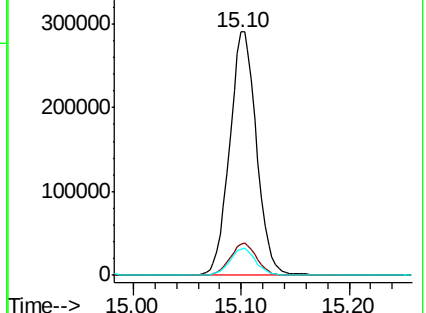
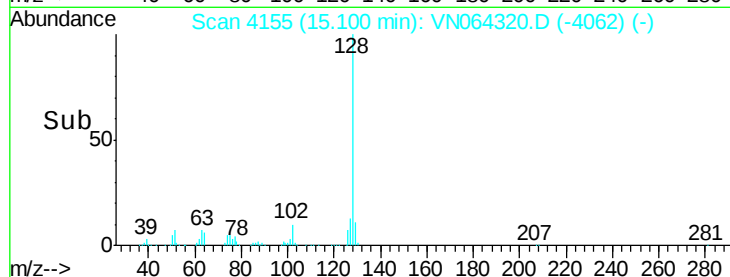
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.183 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064320.D

Acq: 27 Oct 2020 11:16

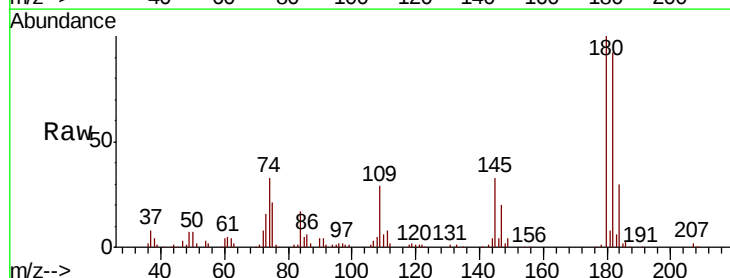
Tgt Ion:180 Resp: 161418

Ion Ratio Lower Upper

180 100

182 92.2 46.1 138.3

145 32.3 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

