

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064322.D
 Acq On : 27 Oct 2020 12:04
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 27 12:22:12 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	259503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	397811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202512	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	635863	163.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.32%	
35) Dibromofluoromethane	7.55	113	449829	160.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.44%	
50) Toluene-d8	10.06	98	1699230	168.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.42%	
62) 4-Bromofluorobenzene	12.38	95	683264	167.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	438608	155.530	ug/l	100
3) Chloromethane	2.04	50	474374	158.926	ug/l	99
4) Vinyl Chloride	2.16	62	470651	157.849	ug/l	99
5) Bromomethane	2.50	94	291030	149.256	ug/l	99
6) Chloroethane	2.65	64	273033	151.170	ug/l	95
7) Trichlorofluoromethane	2.97	101	729219	148.621	ug/l	99
8) Diethyl Ether	3.37	74	257552	158.875	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	383677	151.537	ug/l	100
10) Methyl Iodide	3.90	142	571410	159.631	ug/l	98
11) Tert butyl alcohol	4.74	59	471334	877.252	ug/l	97
12) 1,1-Dichloroethene	3.69	96	371974	152.664	ug/l	95
13) Acrolein	3.56	56	104754	365.082	ug/l	93
14) Allyl chloride	4.27	41	778280	159.906	ug/l	96
15) Acrylonitrile	4.93	53	1087296	973.942	ug/l	100
16) Acetone	3.77	43	1016477	873.604	ug/l	99
17) Carbon Disulfide	4.01	76	1119951	161.294	ug/l	99
18) Methyl Acetate	4.27	43	473065	164.432	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1466536	171.255	ug/l	97
20) Methylene Chloride	4.50	84	435685	147.427	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	418317	155.905	ug/l	96
22) Diisopropyl ether	5.90	45	1544851	167.689	ug/l	91
23) Vinyl Acetate	5.84	43	6775432	829.308	ug/l	99
24) 1,1-Dichloroethane	5.79	63	835268	158.194	ug/l	99
25) 2-Butanone	6.78	43	1619416	890.914	ug/l	100
26) 2,2-Dichloropropane	6.77	77	791306	150.697	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	488222	155.464	ug/l	99
28) Bromochloromethane	7.15	49	422952	168.374	ug/l	96
29) Tetrahydrofuran	7.16	42	1073044	972.960	ug/l	99
30) Chloroform	7.33	83	871689	154.613	ug/l	97
31) Cyclohexane	7.61	56	702405	150.929	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	824597	156.286	ug/l	99
36) 1,1-Dichloropropene	7.75	75	651156	155.394	ug/l	99
37) Ethyl Acetate	6.88	43	677655	174.258	ug/l	99
38) Carbon Tetrachloride	7.73	117	749979	156.440	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	649445	168.767	ug/l	98
40) Benzene	8.00	78	1814065	156.730	ug/l	99
41) Methacrylonitrile	7.16	41	984150	484.011	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	754748	151.179	ug/l	99
43) Isopropyl Acetate	8.13	43	1181009	164.996	ug/l	99
44) Trichloroethene	8.80	130	491668	155.683	ug/l	98
45) 1,2-Dichloropropane	9.08	63	478252	155.072	ug/l	100
46) Dibromomethane	9.17	93	346348	165.888	ug/l	98
47) Bromodichloromethane	9.37	83	736774	160.305	ug/l	98
48) Methyl methacrylate	9.16	41	591517	159.075	ug/l	99
49) 1,4-Dioxane	9.17	88	185167	4052.991	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	3417253	882.895	ug/l	99
52) Toluene	10.13	92	1162904	157.399	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	845543	166.397	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	851411	158.599	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	460575	164.255	ug/l	100
56) Ethyl methacrylate	10.40	69	738450	170.182	ug/l	98
57) 1,3-Dichloropropane	10.68	76	798005	163.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1869226	839.449	ug/l	99
59) 2-Hexanone	10.72	43	2588300	912.552	ug/l	99
60) Dibromochloromethane	10.87	129	576739	159.048	ug/l	99
61) 1,2-Dibromoethane	10.98	107	502413	169.343	ug/l	99
64) Tetrachloroethene	10.60	164	469669	146.202	ug/l	97
65) Chlorobenzene	11.41	112	1266141	154.395	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	492876	151.384	ug/l	99
67) Ethyl Benzene	11.48	91	2322981	153.813	ug/l	98
68) m/p-Xylenes	11.59	106	1735020	309.828	ug/l	96
69) o-Xylene	11.92	106	839098	155.975	ug/l	95
70) Styrene	11.94	104	1452773	160.398	ug/l	100
71) Bromoform	12.10	173	426688	169.261	ug/l #	98
73) Isopropylbenzene	12.22	105	2231378	145.289	ug/l	99
74) N-amyl acetate	12.05	43	1082109	161.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	644213	155.936	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	986418	224.187	ug/l #	100
77) Bromobenzene	12.50	156	558282	152.816	ug/l	98
78) n-propylbenzene	12.57	91	2576831	148.296	ug/l	99
79) 2-Chlorotoluene	12.65	91	1587850	148.722	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1920986	147.747	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	272878	159.970	ug/l	96
82) 4-Chlorotoluene	12.75	91	1674239	150.459	ug/l	99
83) tert-Butylbenzene	12.97	119	1549121	145.454	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	1950089	150.401	ug/l	98
85) sec-Butylbenzene	13.14	105	2024505	150.817	ug/l	99
86) p-Isopropyltoluene	13.26	119	1865895	152.445	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	1004313	155.175	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	1000736	151.419	ug/l	99
89) n-Butylbenzene	13.59	91	1638015	150.348	ug/l	99
90) Hexachloroethane	13.85	117	359005	159.074	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	964391	152.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	172818	166.604	ug/l	92

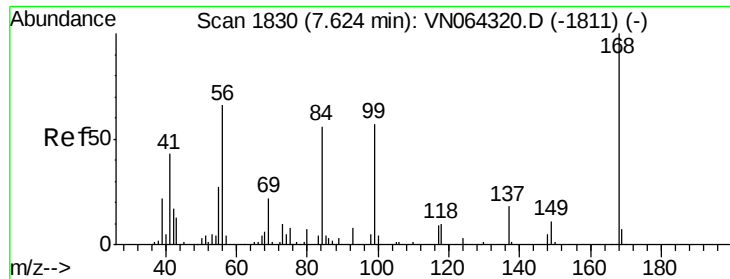
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	575807	163.261	ug/l	99
94) Hexachlorobutadiene	14.98	225	285735	149.565	ug/l	99
95) Naphthalene	15.10	128	1787457	168.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	557324	159.522	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

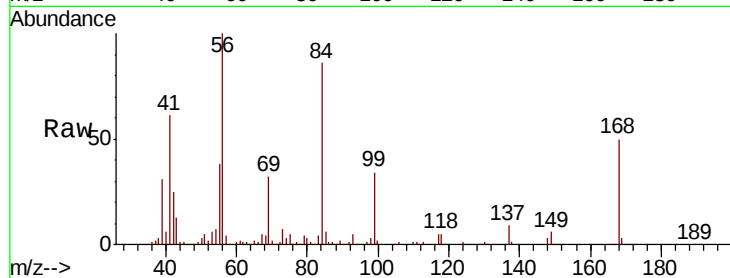
VSTDIC150

Tot Ion:168 Resp: 259503

Ion Ratio Lower Upper

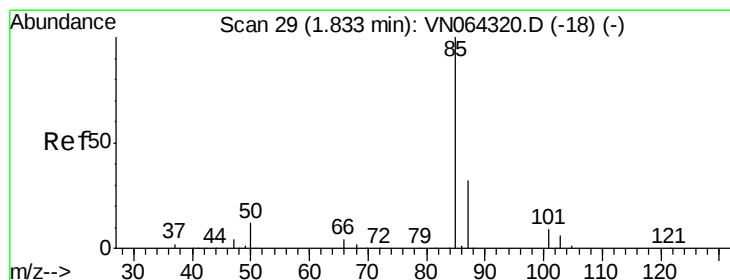
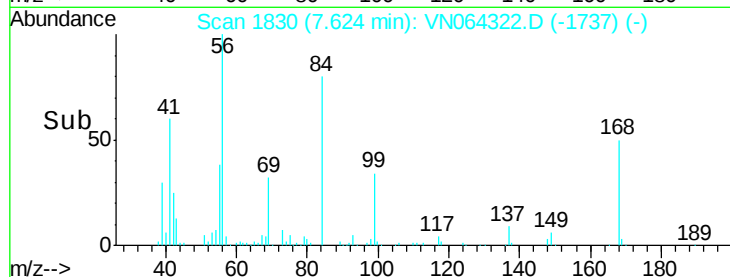
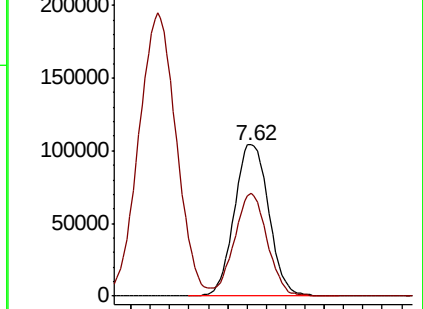
168 100

99 67.4 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 155.530 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064322.D

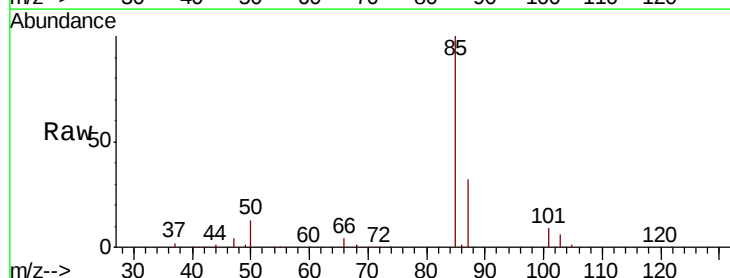
Acq: 27 Oct 2020 12:04

Tgt Ion: 85 Resp: 438608

Ion Ratio Lower Upper

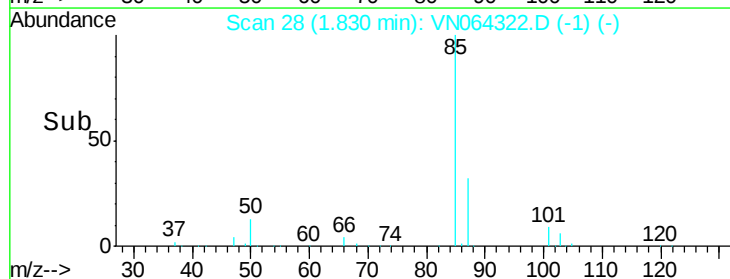
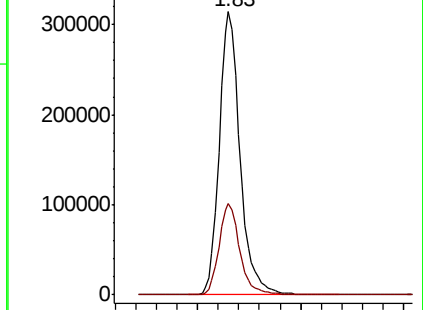
85 100

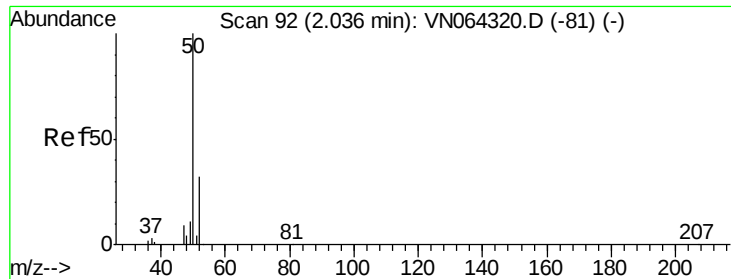
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

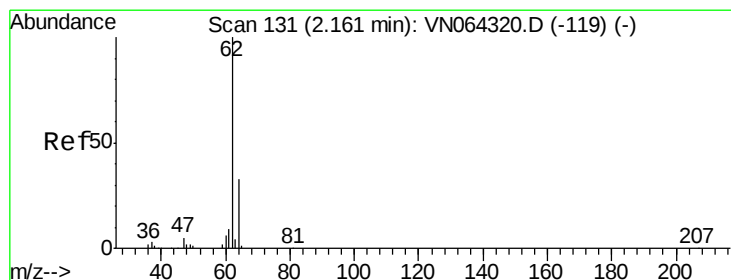
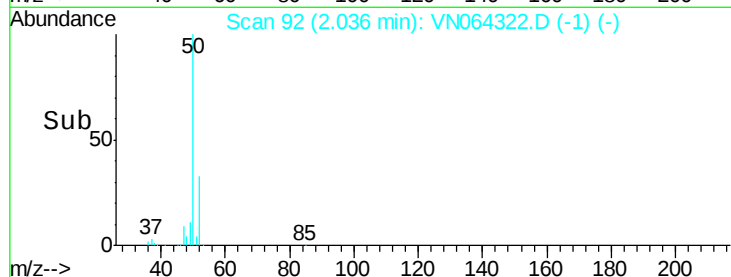
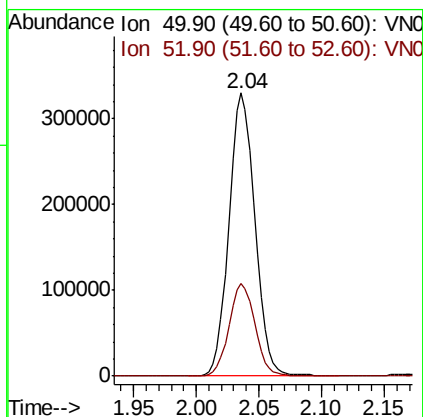
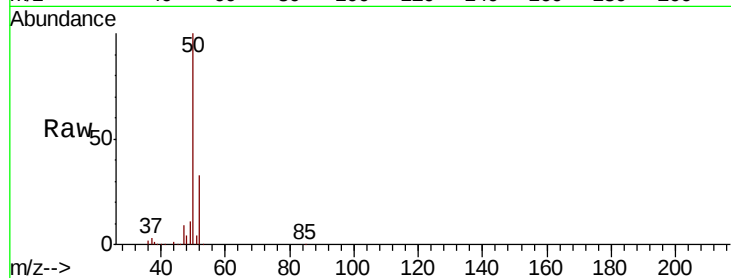




#3
Chloromethane
Concen: 158.926 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

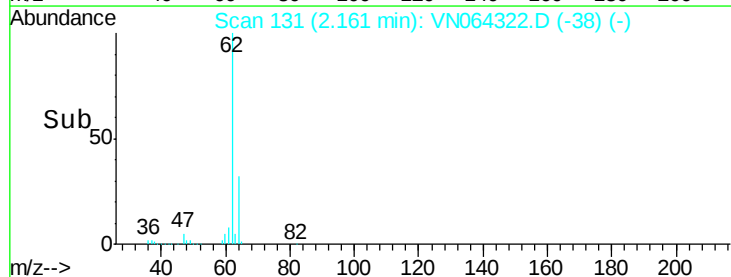
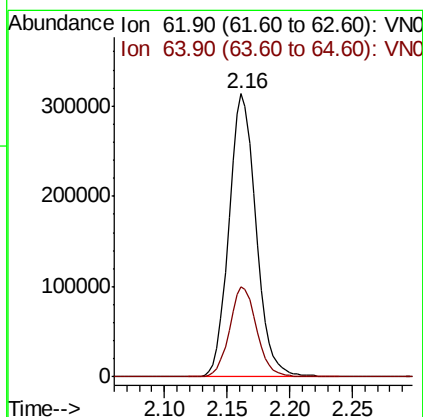
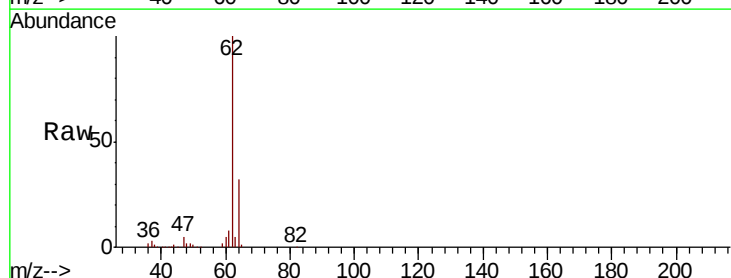
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

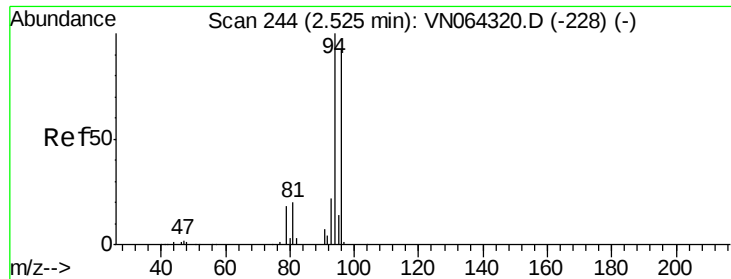
Tot Ion: 50 Resp: 474374
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 157.849 ug/l
RT: 2.16 min Scan# 131
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 62 Resp: 470651
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5

Bromomethane

Concen: 149.256 ug/l

RT: 2.50 min Scan# 236

Delta R.T. -0.03 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

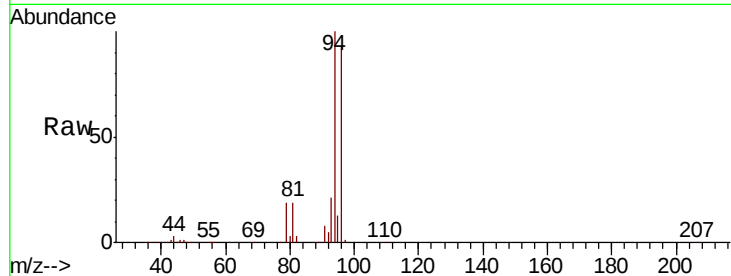
VSTDIC150

Tot Ion: 94 Resp: 291030

Ion Ratio Lower Upper

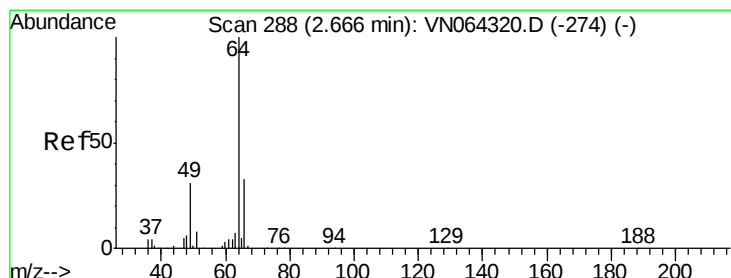
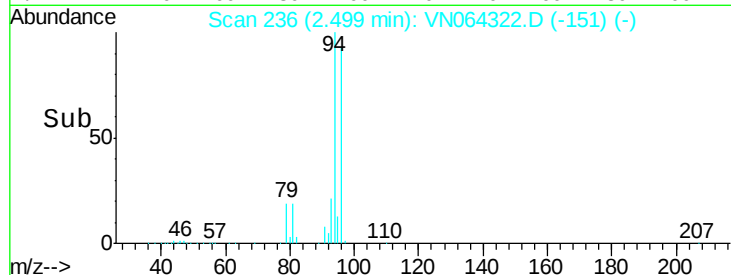
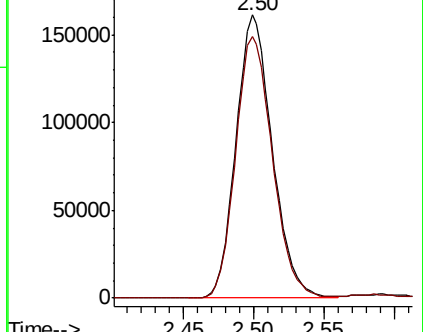
94 100

96 92.6 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 151.170 ug/l

RT: 2.65 min Scan# 284

Delta R.T. -0.01 min

Lab File: VN064322.D

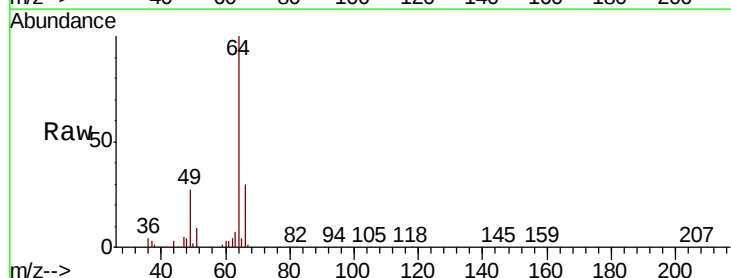
Acq: 27 Oct 2020 12:04

Tgt Ion: 64 Resp: 273033

Ion Ratio Lower Upper

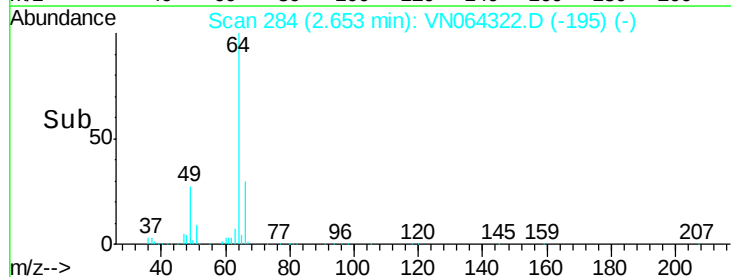
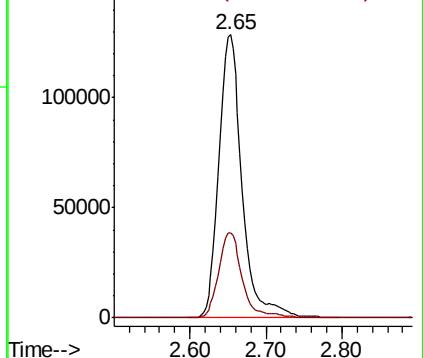
64 100

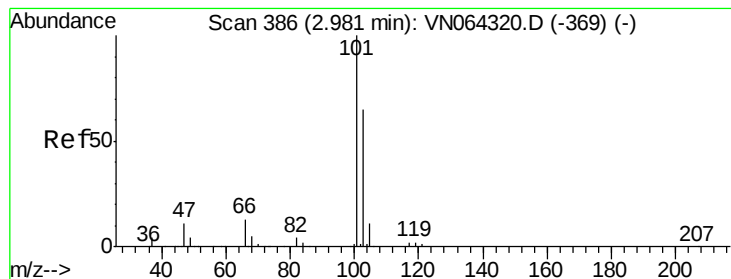
66 30.2 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



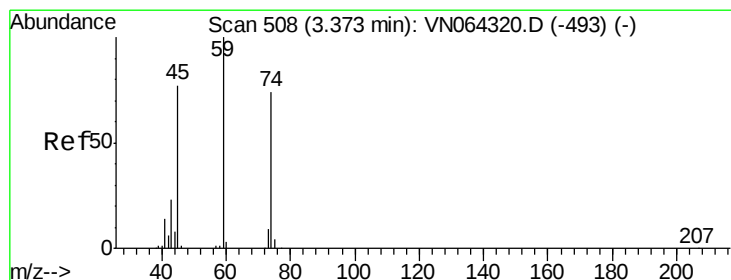
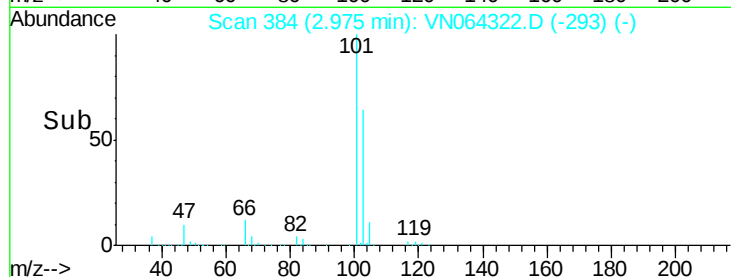
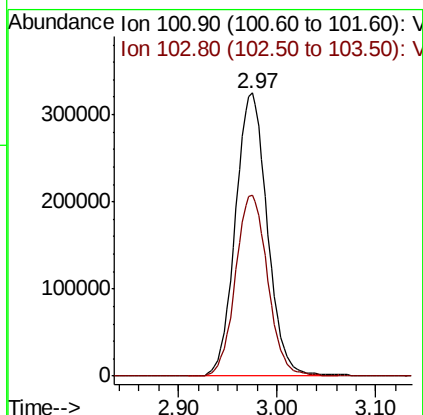
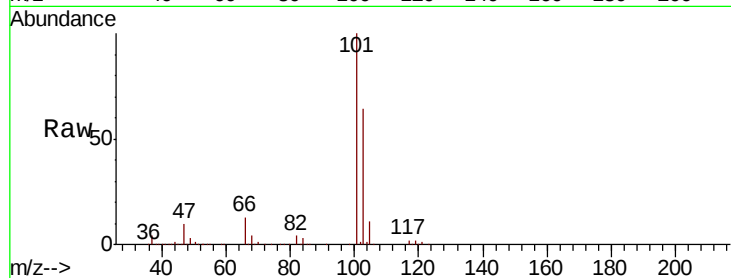


#7

Trichlorofluoromethane
 Concen: 148.621 ug/l
 RT: 2.97 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

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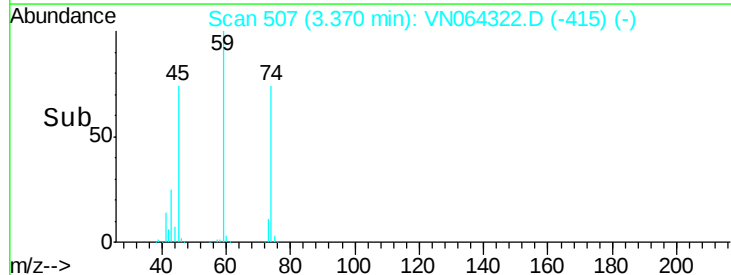
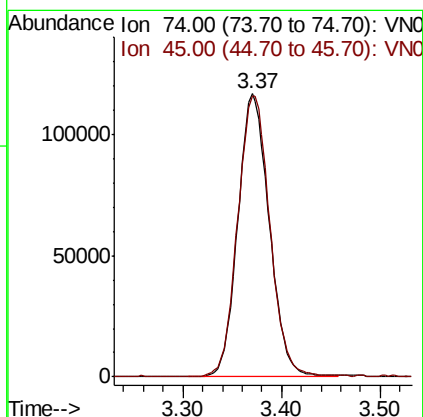
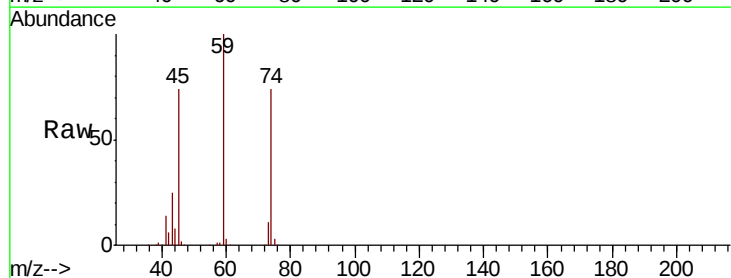
Tot Ion:101 Resp: 729219
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.7 77.5

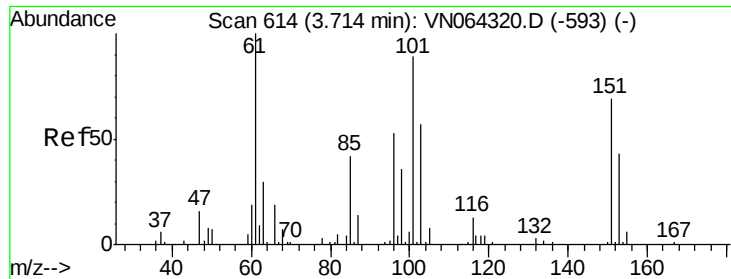


#8

Diethyl Ether
 Concen: 158.875 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion: 74 Resp: 257552
 Ion Ratio Lower Upper
 74 100
 45 102.1 51.3 154.0

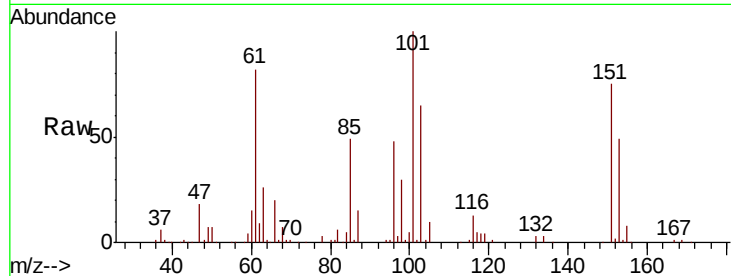




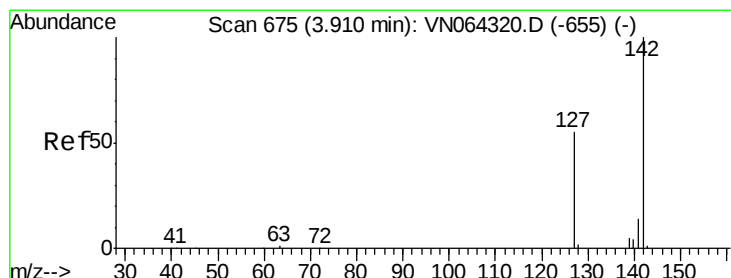
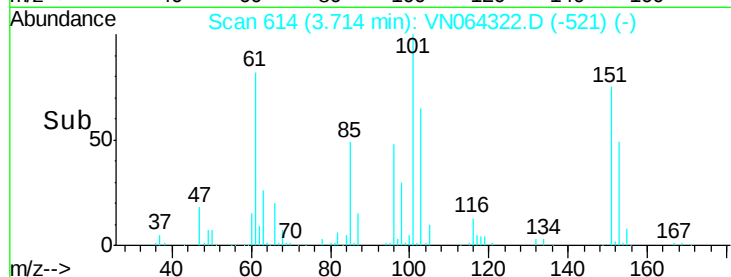
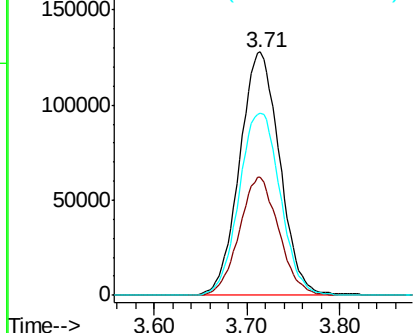
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 151.537 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Instrument :
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 VSTDIC150

Tot Ion:101 Resp: 383677
 Ion Ratio Lower Upper
 101 100
 85 47.9 38.4 57.6
 151 77.0 62.0 93.0

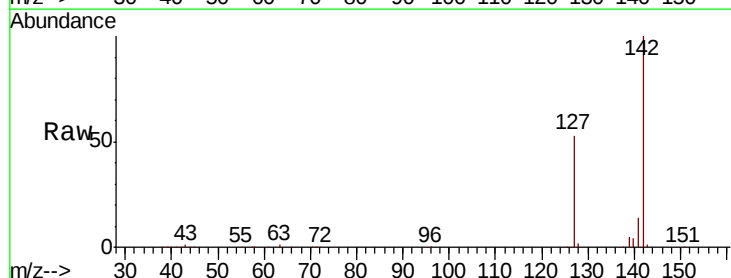


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

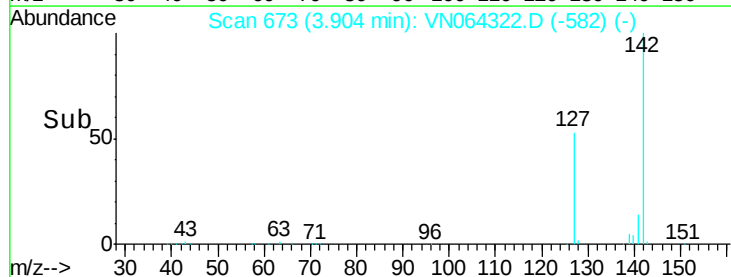
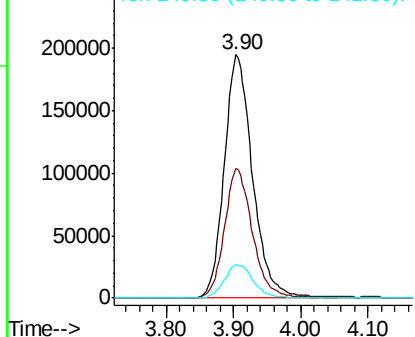


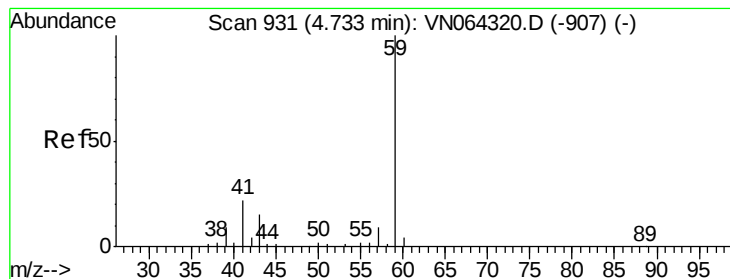
#10
 Methyl Iodide
 Concen: 159.631 ug/l
 RT: 3.90 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion:142 Resp: 571410
 Ion Ratio Lower Upper
 142 100
 127 52.4 43.3 64.9
 141 14.2 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



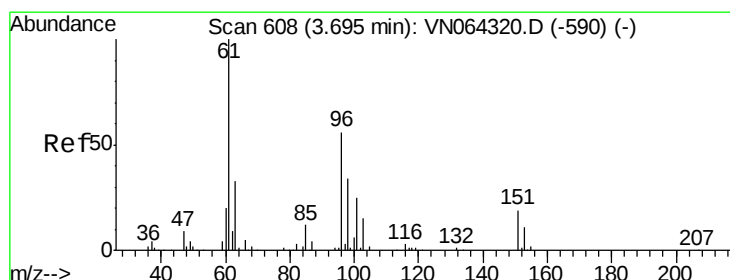
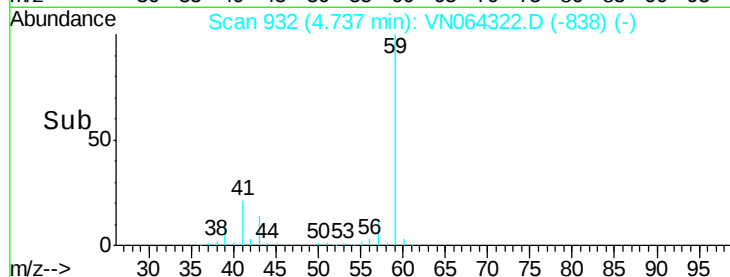
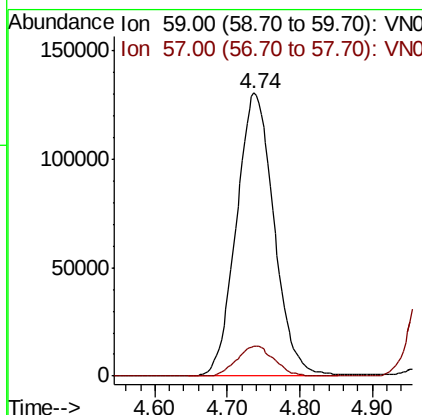
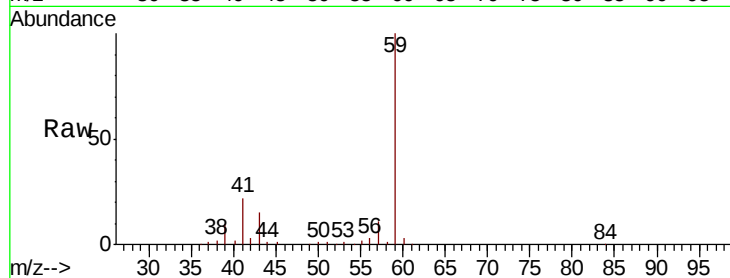


#11

Tert butyl alcohol
 Concen: 877.252 ug/l
 RT: 4.74 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

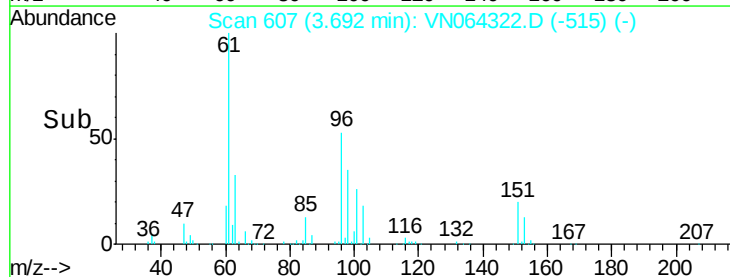
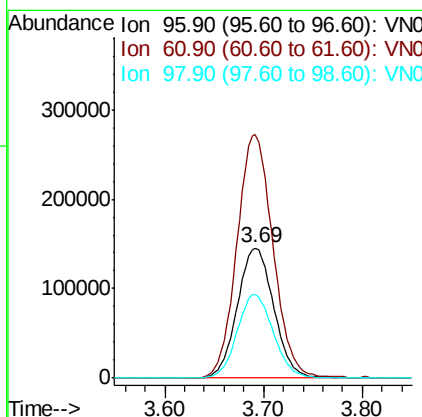
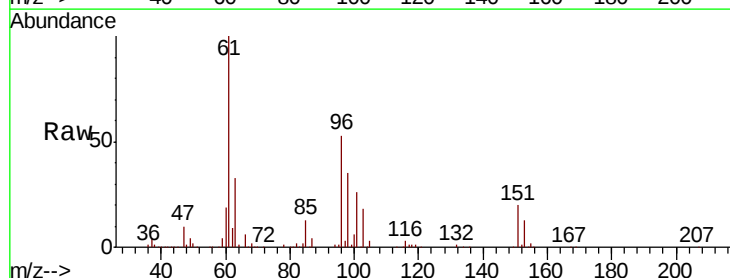
Tot Ion: 59 Resp: 471334
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.4 14.0

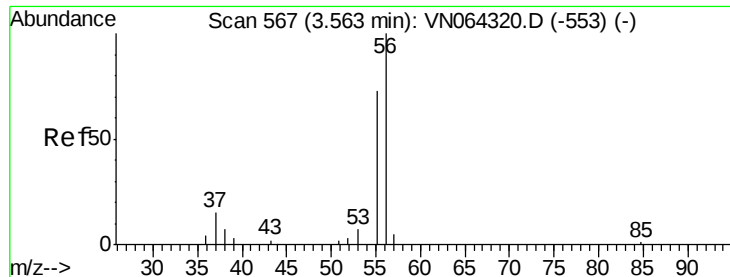


#12

1,1-Dichloroethene
 Concen: 152.664 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion: 96 Resp: 371974
 Ion Ratio Lower Upper
 96 100
 61 187.4 143.6 215.4
 98 64.8 48.6 73.0





#13

Acrolein

Concen: 365.082 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

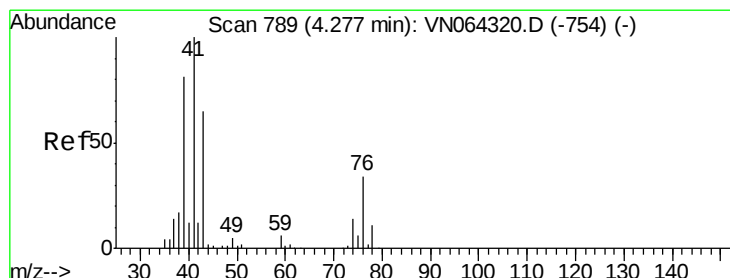
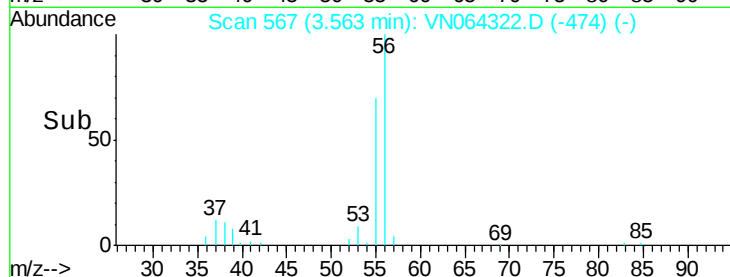
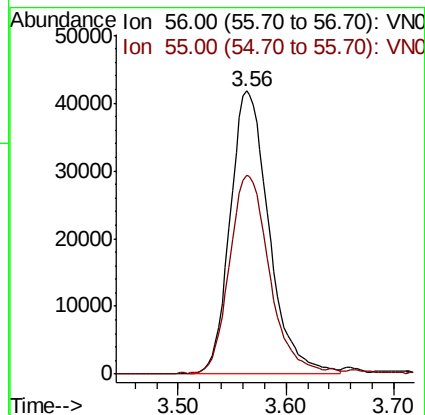
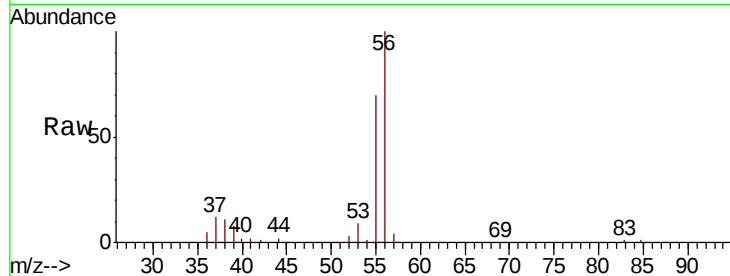
VSTDIC150

Tot Ion: 56 Resp: 104754

Ion Ratio Lower Upper

56 100

55 72.5 62.6 94.0



#14

Allyl chloride

Concen: 159.906 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

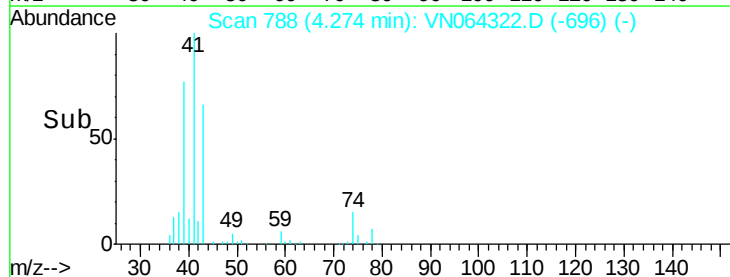
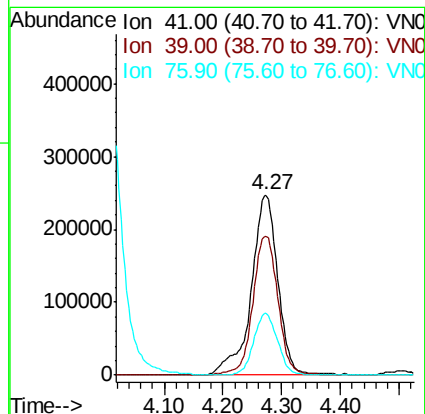
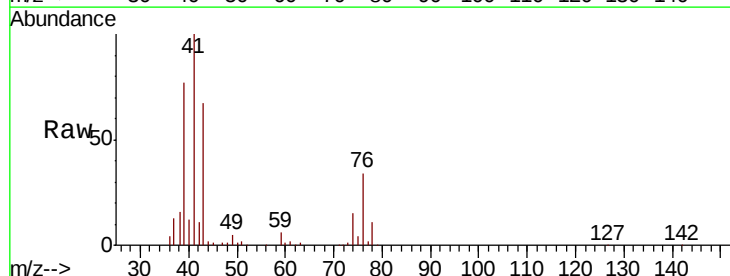
Tgt Ion: 41 Resp: 778280

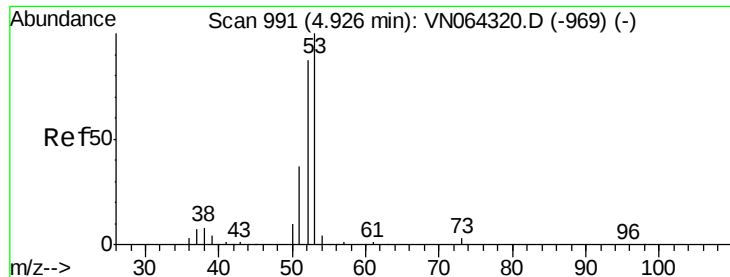
Ion Ratio Lower Upper

41 100

39 72.2 61.7 92.5

76 30.1 24.0 36.0





#15

Acrylonitrile

Concen: 973.942 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

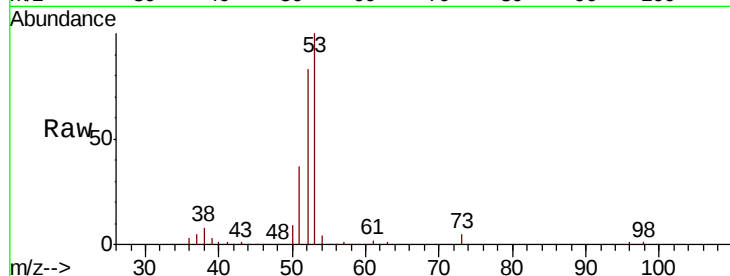
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1087296

Ion	Ratio	Lower	Upper
53	100		
52	82.3	65.9	98.9
51	37.6	30.4	45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

4.93

300000

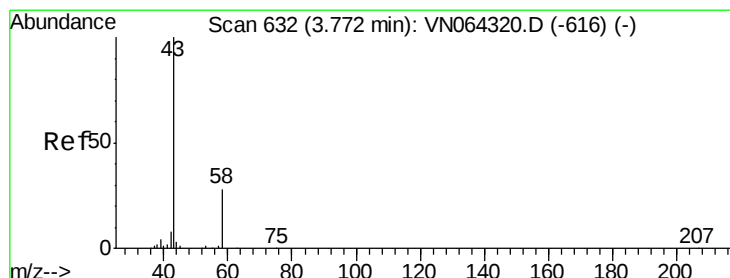
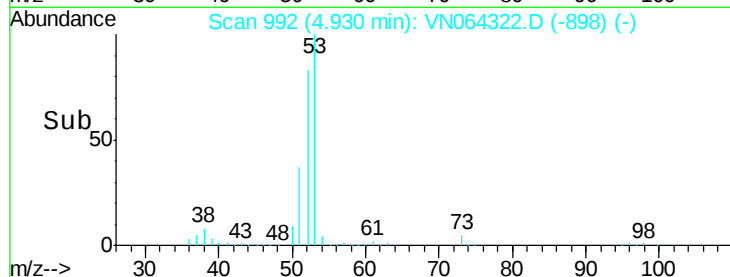
200000

100000

0

Time-->

4.80 4.90 5.00 5.10



#16

Acetone

Concen: 873.604 ug/l

RT: 3.77 min Scan# 632

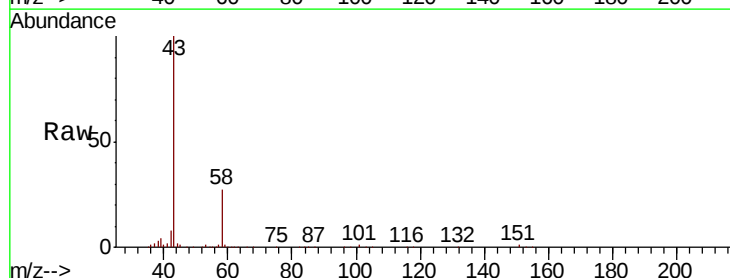
Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Tgt Ion: 43 Resp: 1016477

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.77

400000

300000

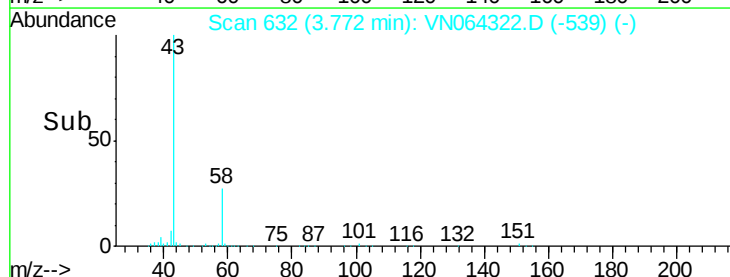
200000

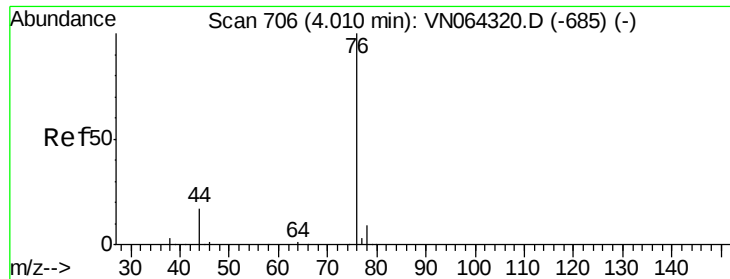
100000

0

Time-->

3.70 3.80 3.90

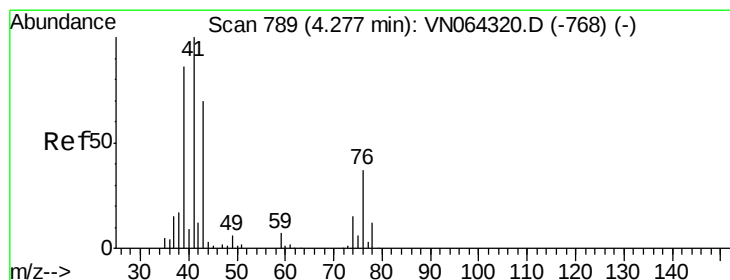
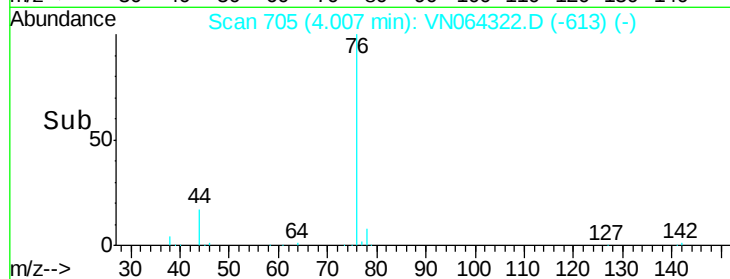
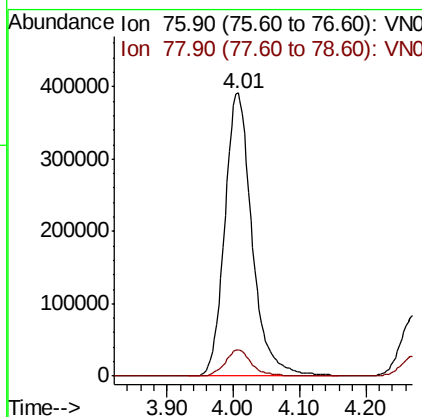
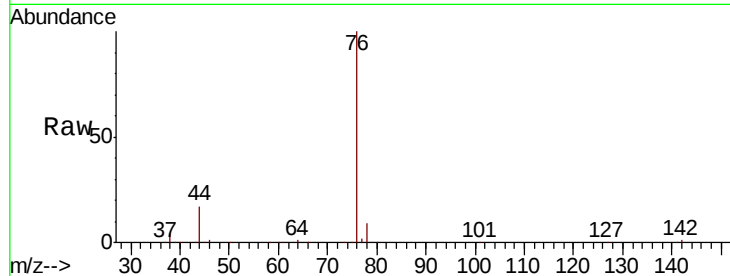




#17
Carbon Disulfide
Concen: 161.294 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

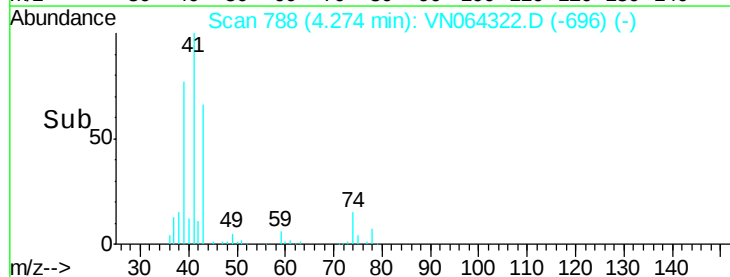
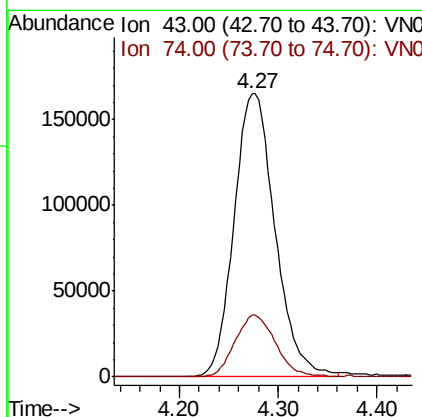
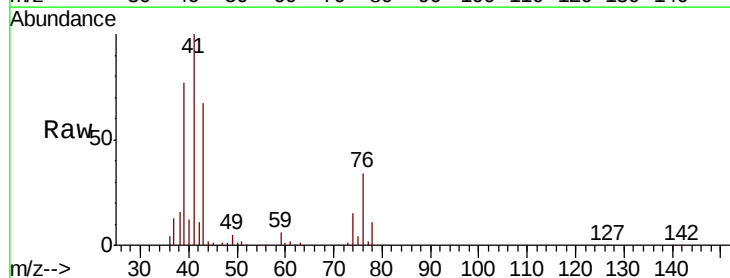
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

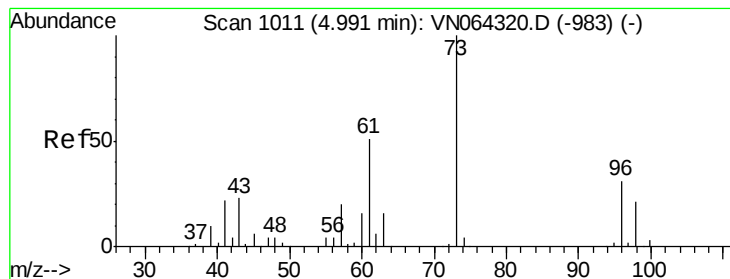
Tot Ion: 76 Resp: 1119951
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 164.432 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 43 Resp: 473065
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1



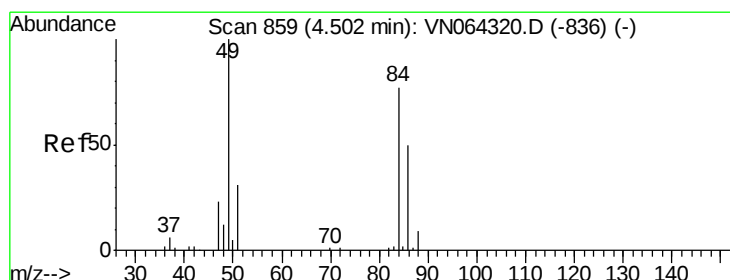
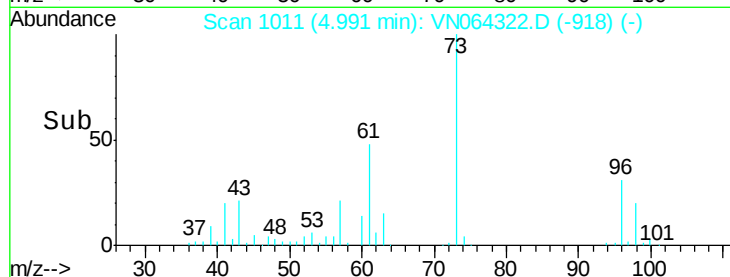
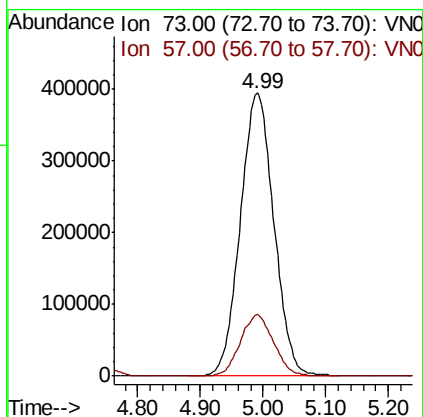
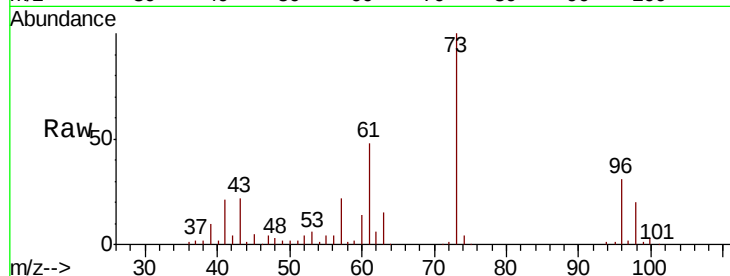


#19

Methyl tert-butyl Ether
 Concen: 171.255 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

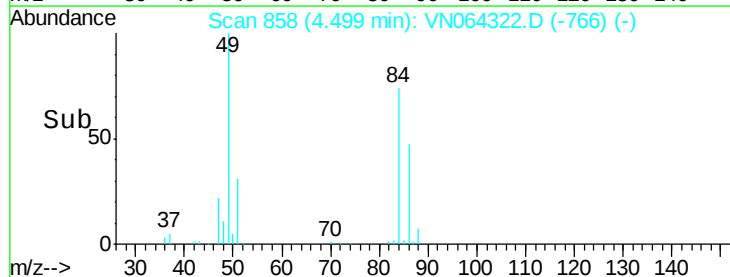
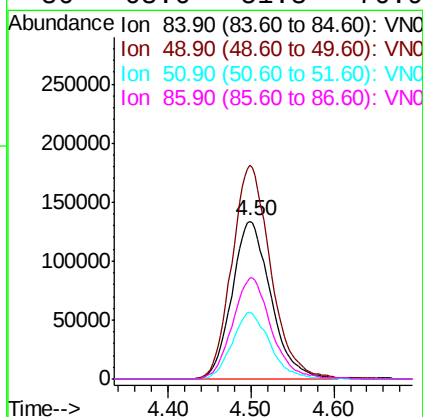
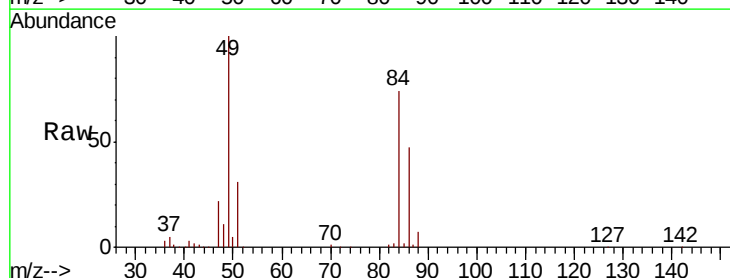
Tot Ion: 73 Resp: 1466536
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.1 24.1

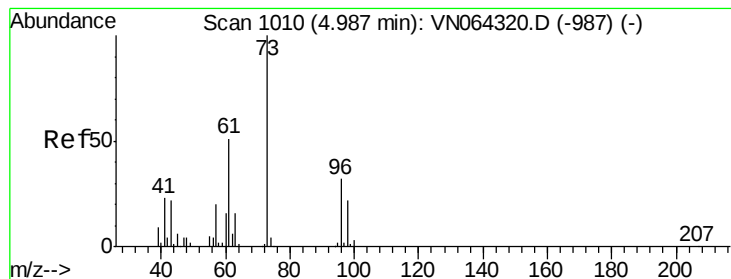


#20

Methylene Chloride
 Concen: 147.427 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion: 84 Resp: 435685
 Ion Ratio Lower Upper
 84 100
 49 135.2 103.6 155.4
 51 42.1 31.8 47.8
 86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 155.905 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

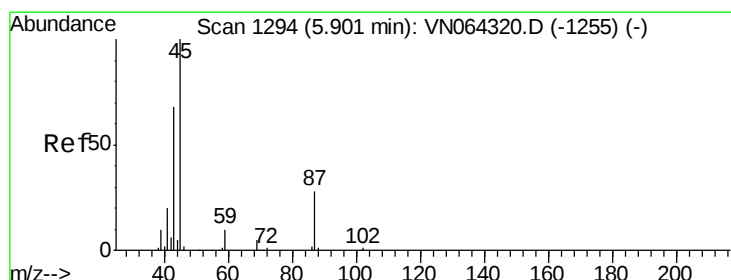
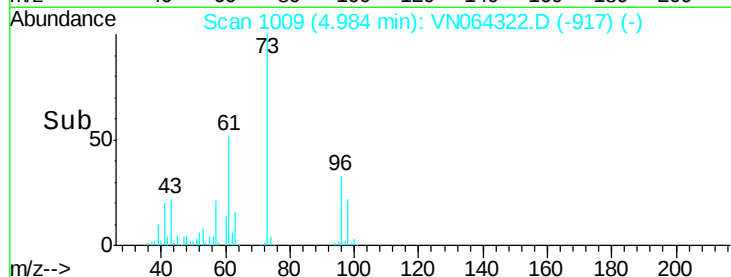
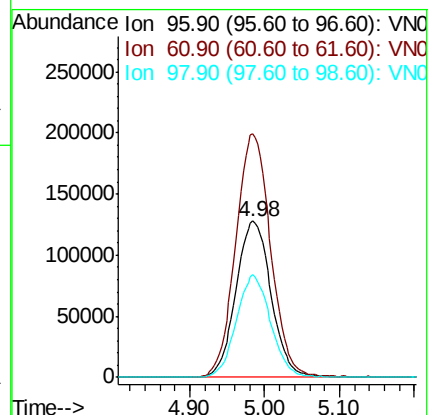
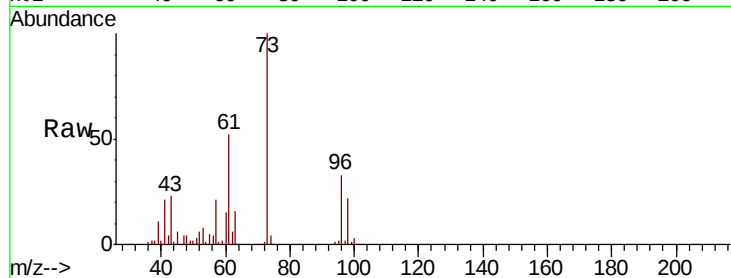
Tot Ion: 96 Resp: 418317

Ion Ratio Lower Upper

96 100

61 155.5 128.2 192.2

98 65.5 56.1 84.1



#22

Diisopropyl ether

Concen: 167.689 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Tgt Ion: 45 Resp: 1544851

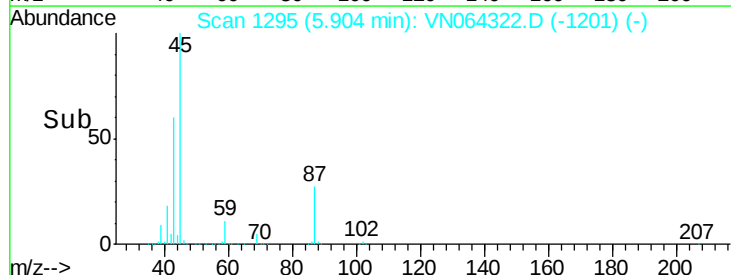
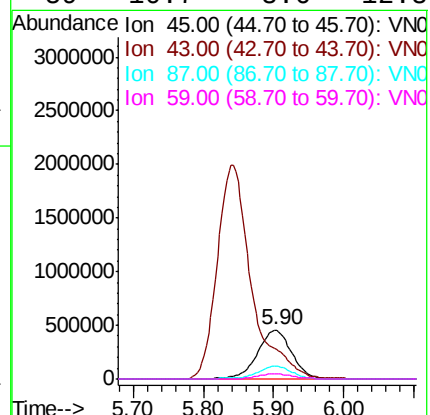
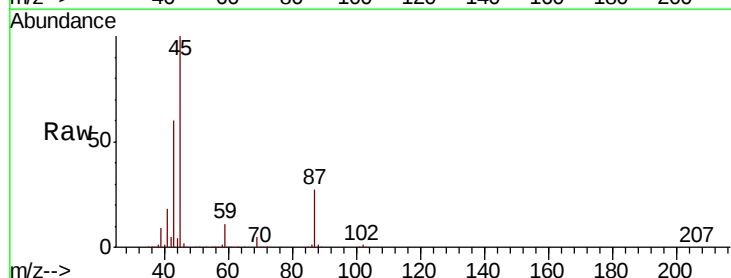
Ion Ratio Lower Upper

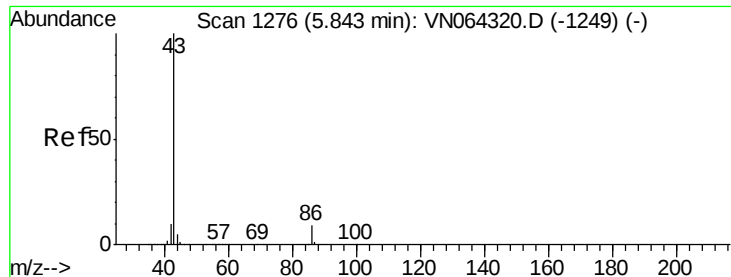
45 100

43 58.4 54.6 82.0

87 26.5 22.6 33.8

59 10.7 8.6 12.8





#23

Vinyl Acetate

Concen: 829.308 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

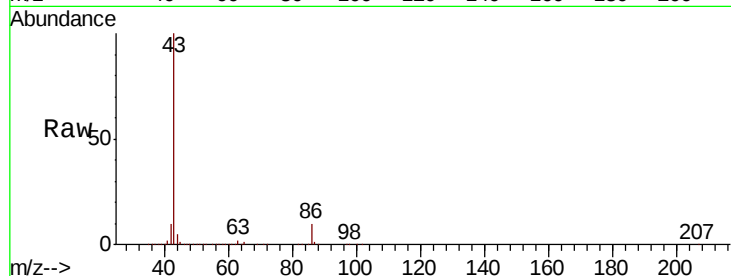
VSTDICC150

Tot Ion: 43 Resp: 6775432

Ion Ratio Lower Upper

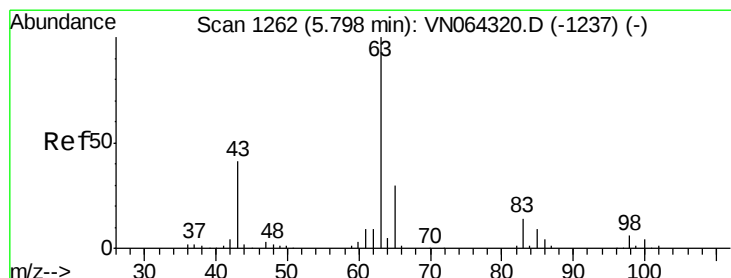
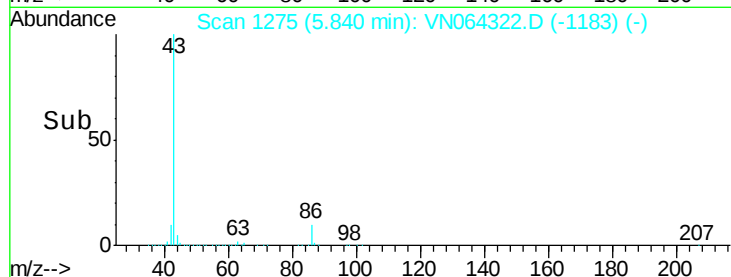
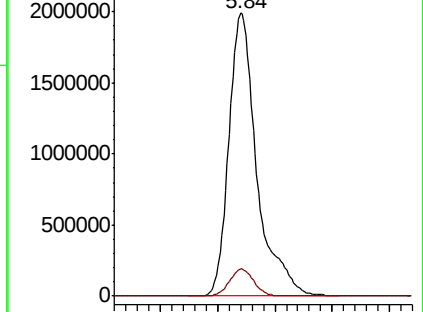
43 100

86 9.5 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN064322.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN064322.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 158.194 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

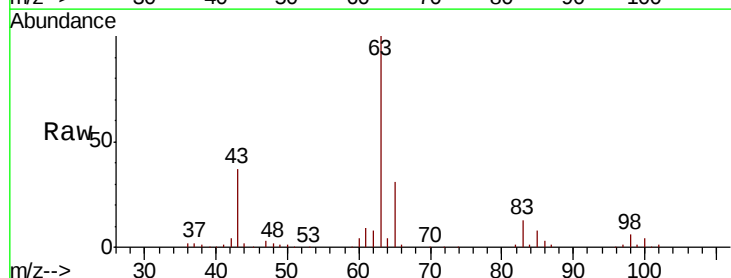
Tgt Ion: 63 Resp: 835268

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.4

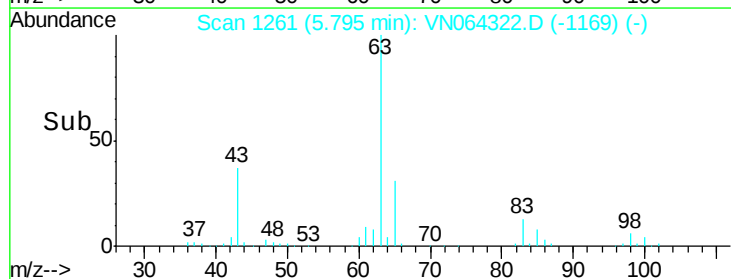
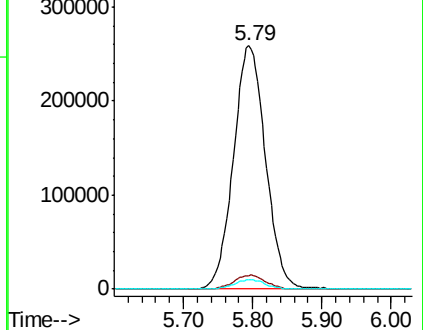
100 3.8 2.0 5.8

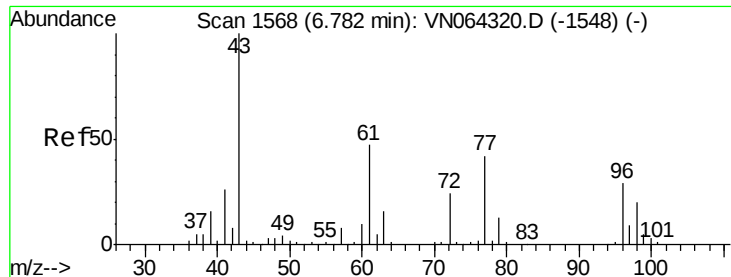


Abundance Ion 62.90 (62.60 to 63.60): VN064322.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064322.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064322.D (-1169) (-)

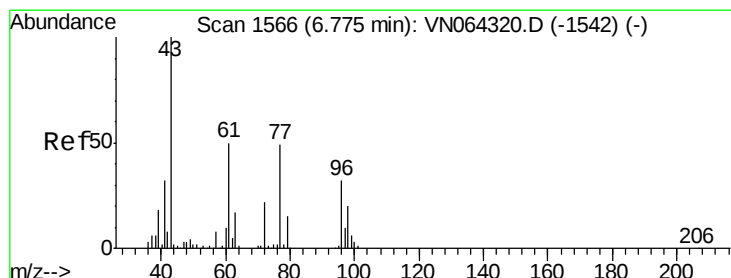
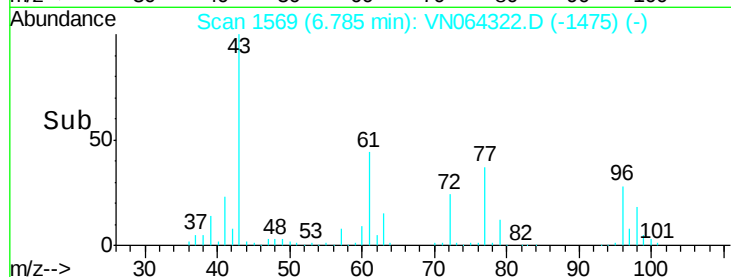
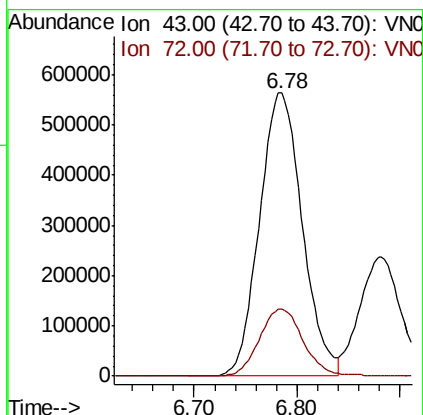
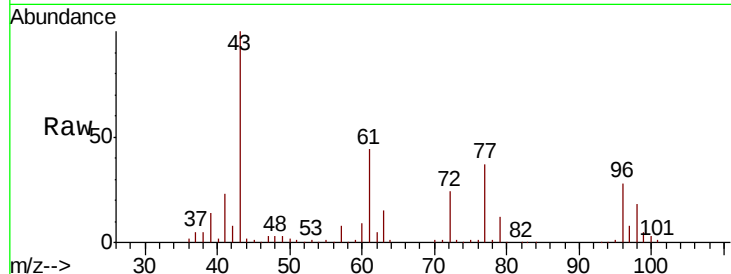




#25
2-Butanone
Concen: 890.914 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

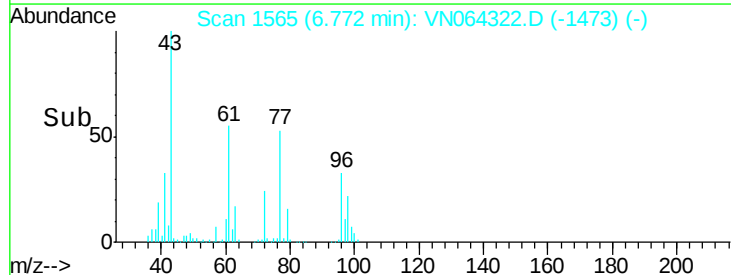
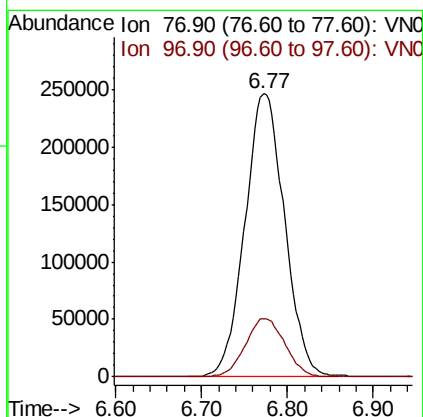
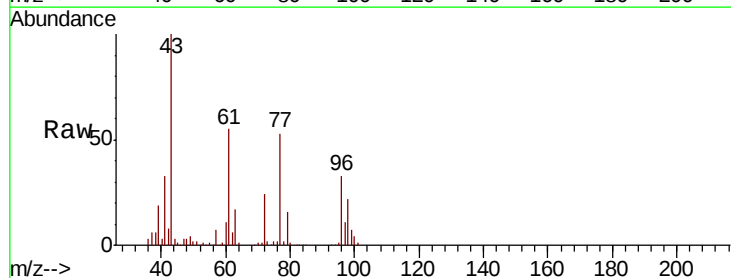
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

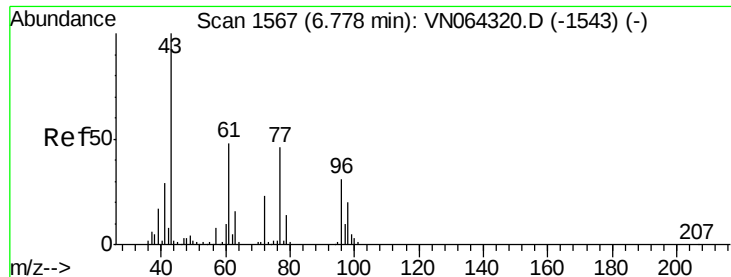
Tot Ion: 43 Resp: 1619416
Ion Ratio Lower Upper
43 100
72 23.6 18.8 28.2



#26
2,2-Dichloropropane
Concen: 150.697 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 77 Resp: 791306
Ion Ratio Lower Upper
77 100
97 20.7 10.2 30.6

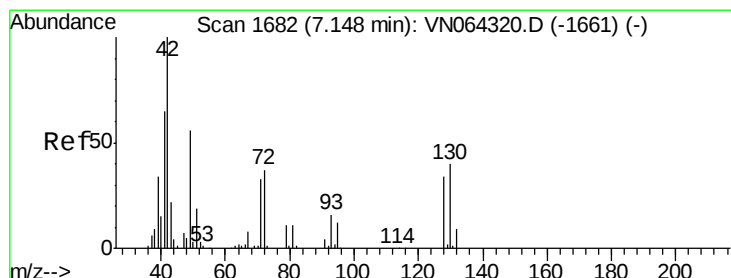
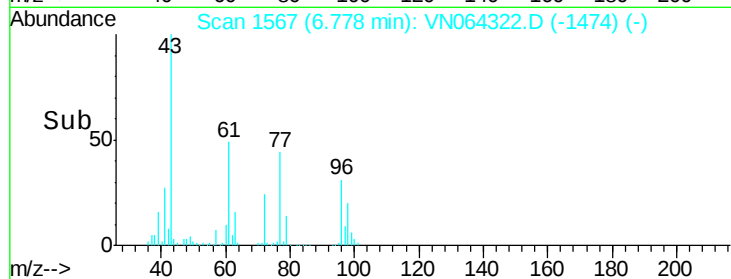
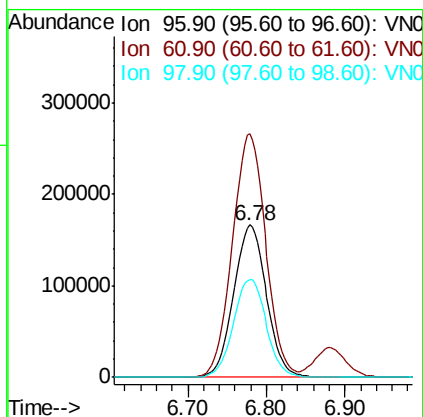
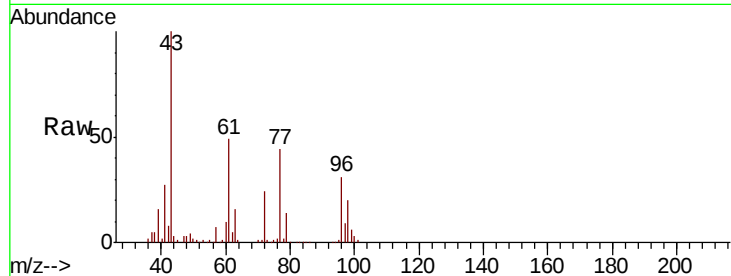




#27
 cis-1,2-Dichloroethene
 Concen: 155.464 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

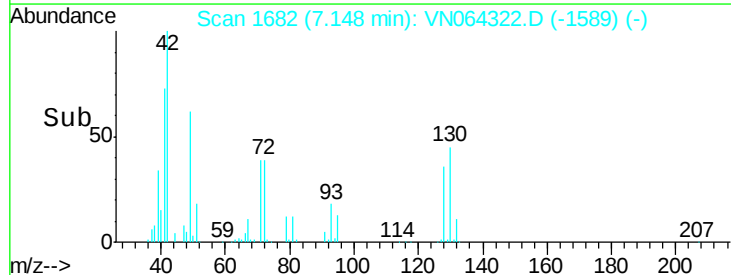
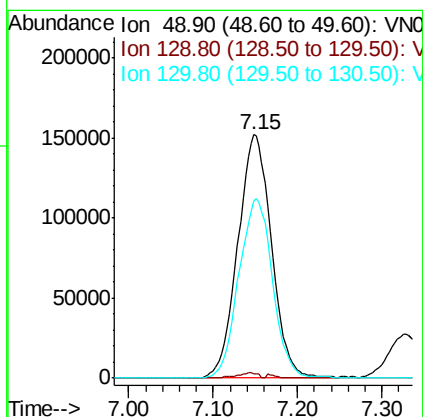
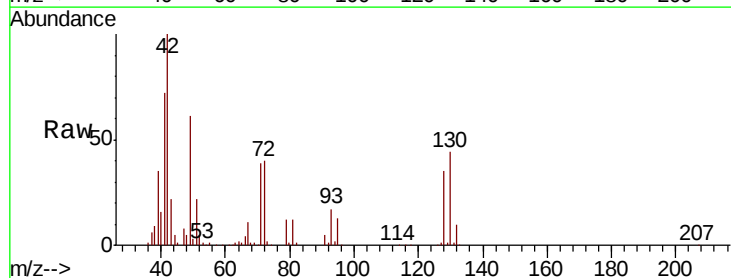
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

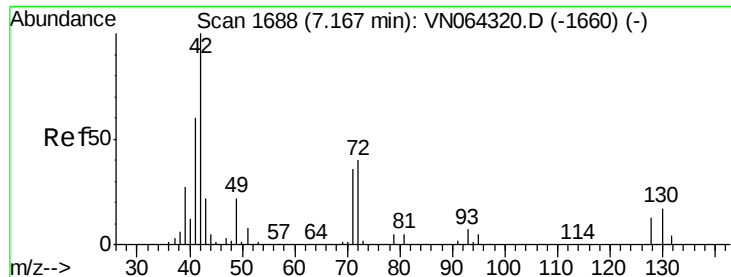
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.6	0.0	325.0
98	64.5	0.0	128.4



#28
 Bromochloromethane
 Concen: 168.374 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.8
130	73.5	56.2	84.2





#29

Tetrahydrofuran

Concen: 972.960 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

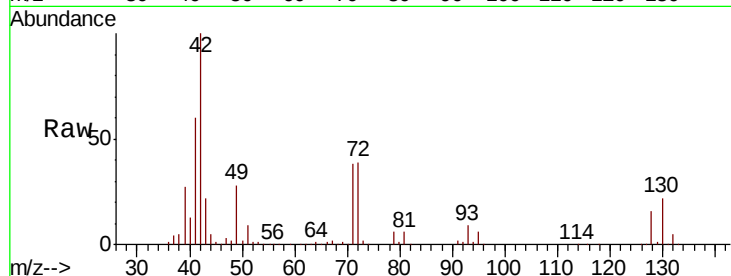
Tot Ion: 42 Resp: 1073044

Ion Ratio Lower Upper

42 100

72 39.3 31.6 47.4

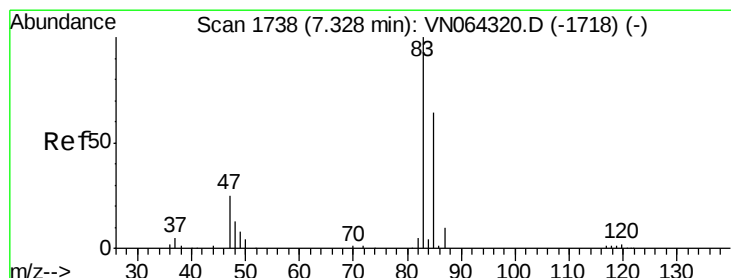
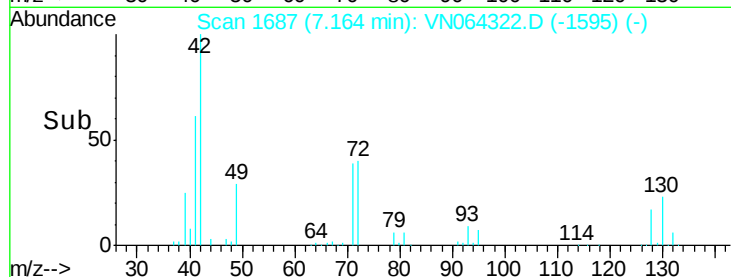
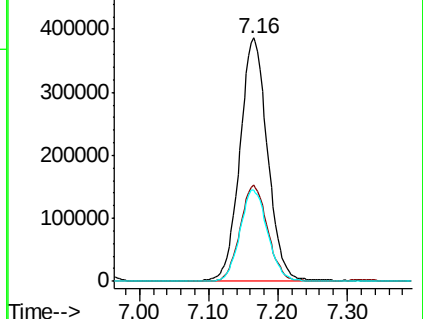
71 37.5 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN064322.D (-1595) (-)

Ion 72.00 (71.70 to 72.70): VN064322.D (-1595) (-)

Ion 71.00 (70.70 to 71.70): VN064322.D (-1595) (-)



#30

Chloroform

Concen: 154.613 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064322.D

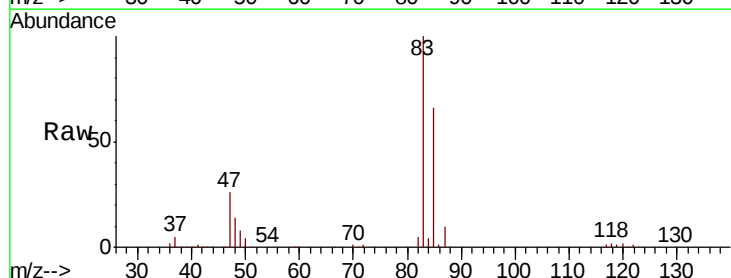
Acq: 27 Oct 2020 12:04

Tgt Ion: 83 Resp: 871689

Ion Ratio Lower Upper

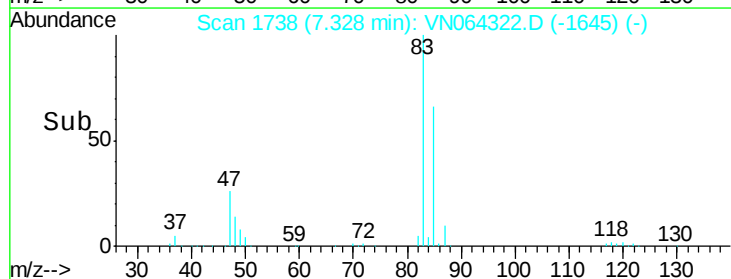
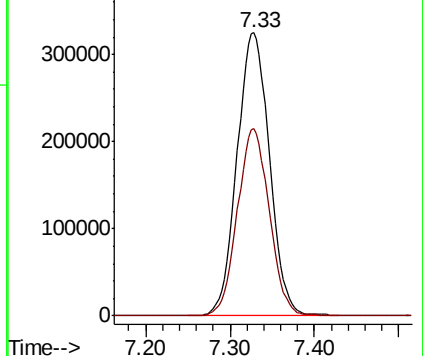
83 100

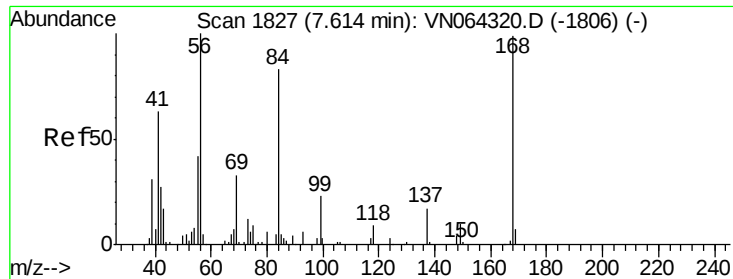
85 66.1 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN064322.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064322.D (-1645) (-)

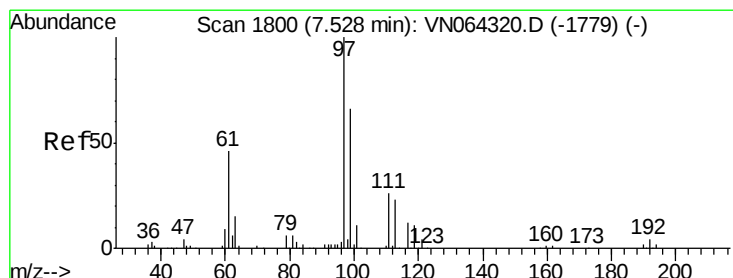
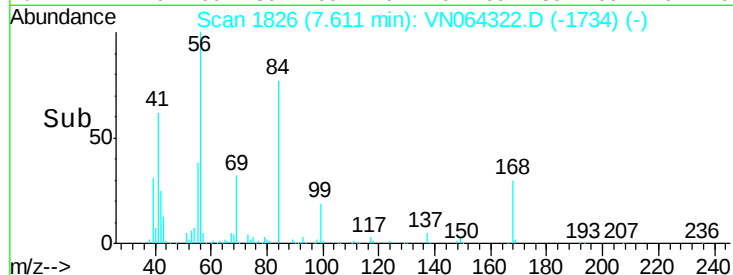
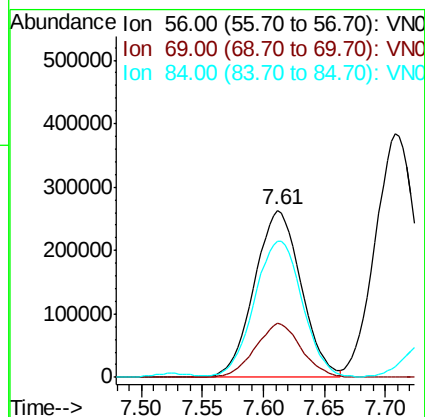
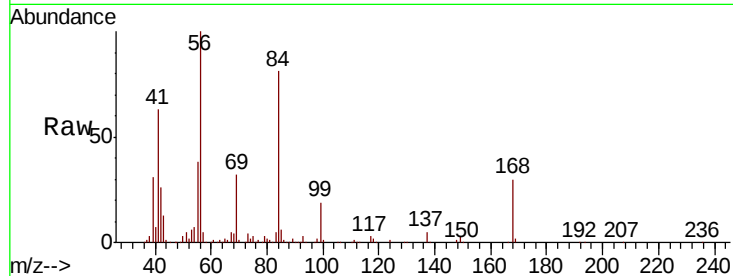




#31
Cyclohexane
Concen: 150.929 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

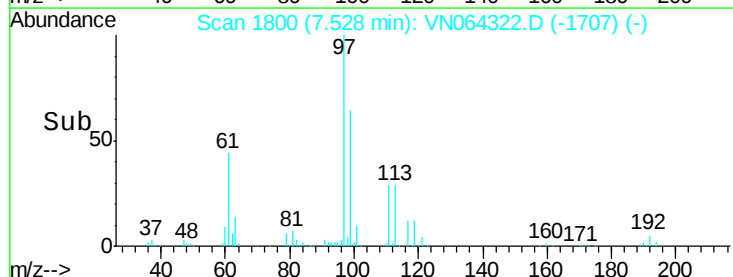
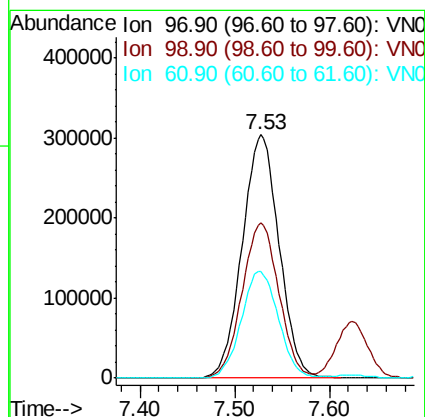
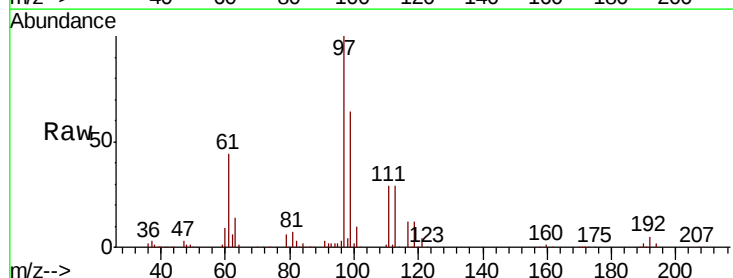
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

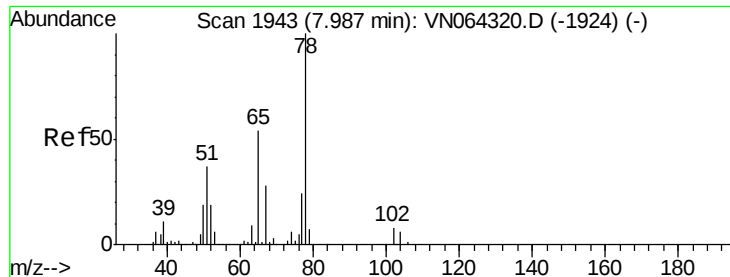
Tot Ion: 56 Resp: 702405
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.8
84 79.6 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 156.286 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 97 Resp: 824597
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 44.1 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 163.161 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

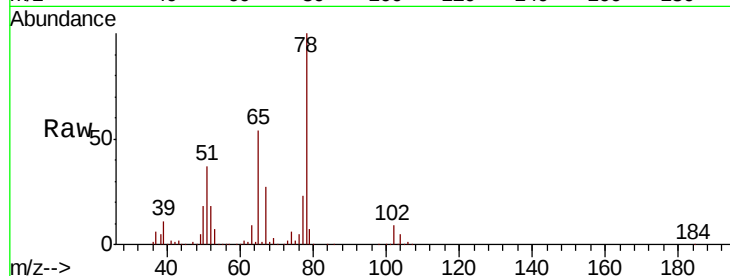
VSTDIC150

Tot Ion: 65 Resp: 635863

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN064322.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064322.D (-1850) (-)

7.99

300000

250000

200000

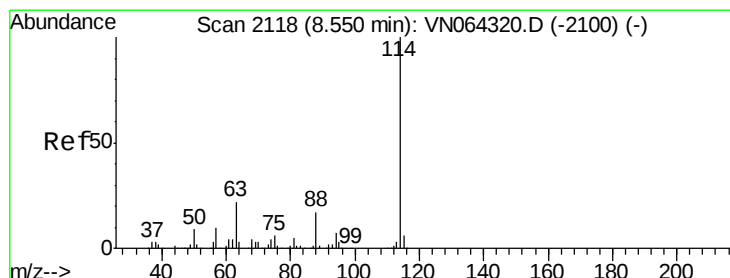
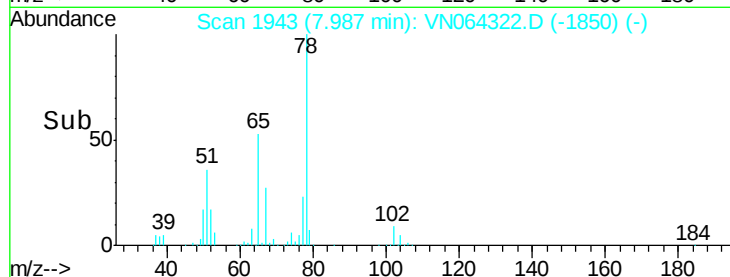
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

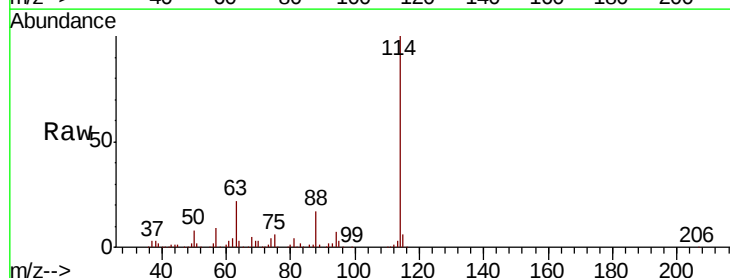
Tgt Ion: 114 Resp: 419617

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 17.0 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VN064322.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064322.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064322.D (-2025) (-)

8.55

250000

200000

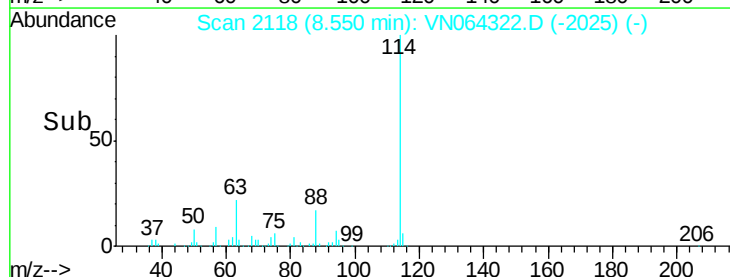
150000

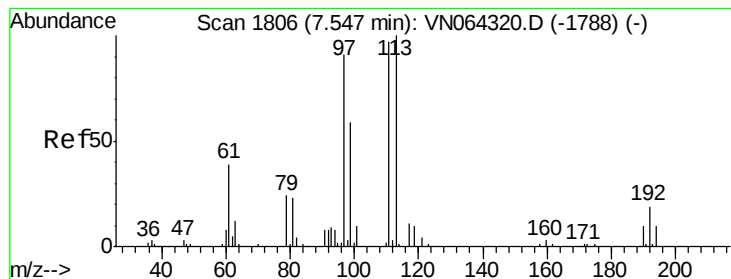
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 160.721 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

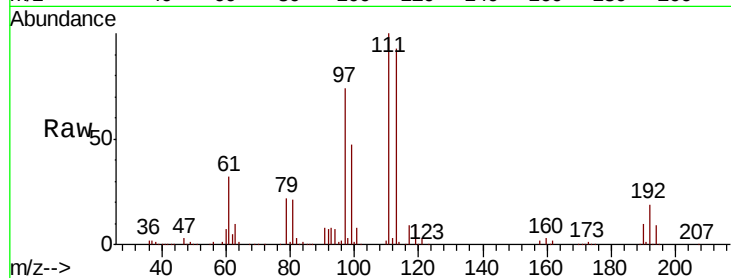
Tot Ion:113 Resp: 449829

Ion Ratio Lower Upper

113 100

111 104.6 81.5 122.3

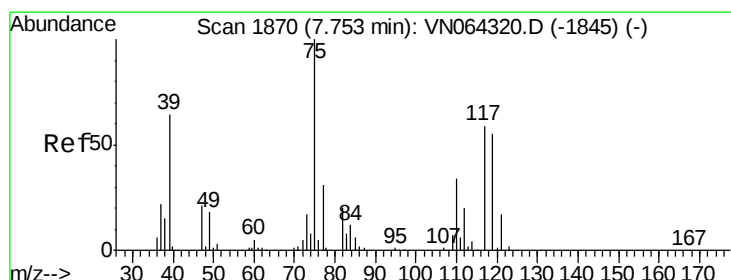
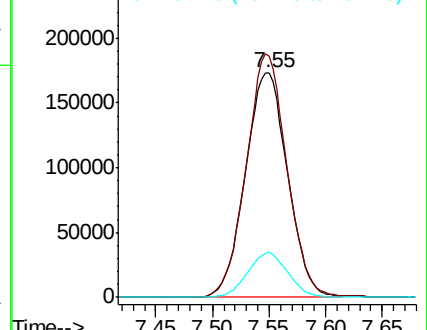
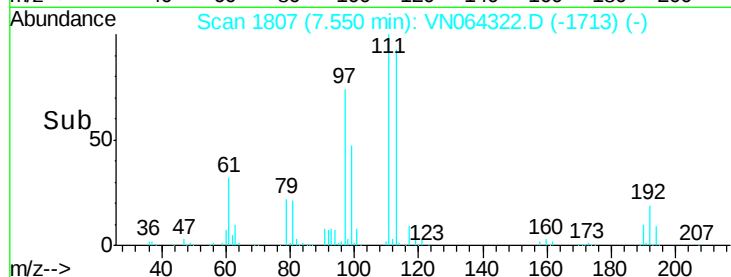
192 19.1 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 155.394 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

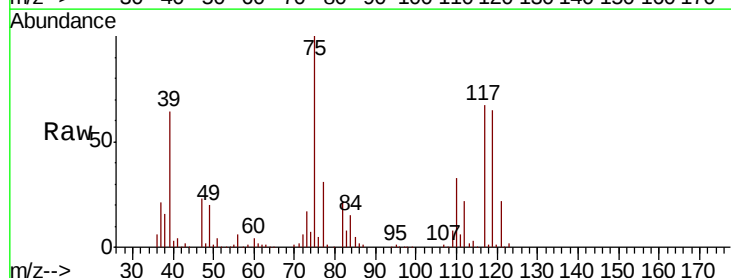
Tgt Ion: 75 Resp: 651156

Ion Ratio Lower Upper

75 100

110 33.0 16.8 50.3

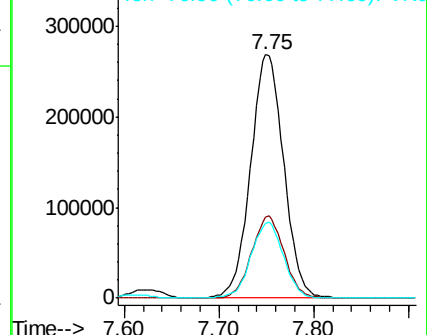
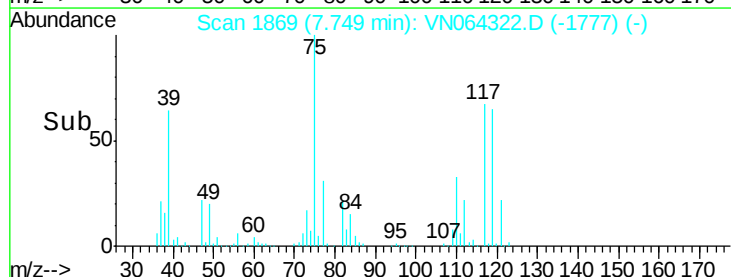
77 30.9 24.2 36.4

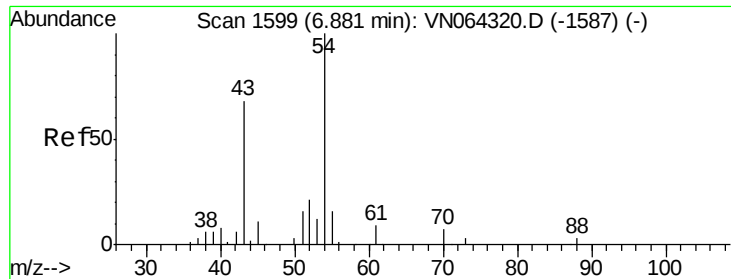


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

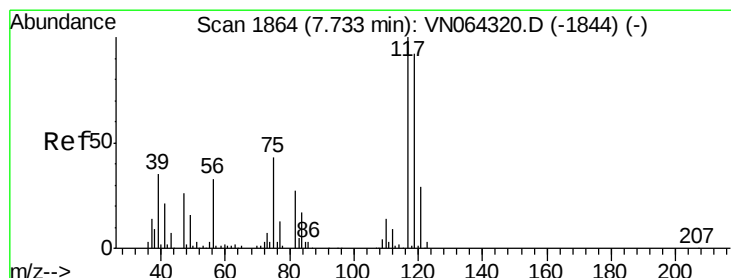
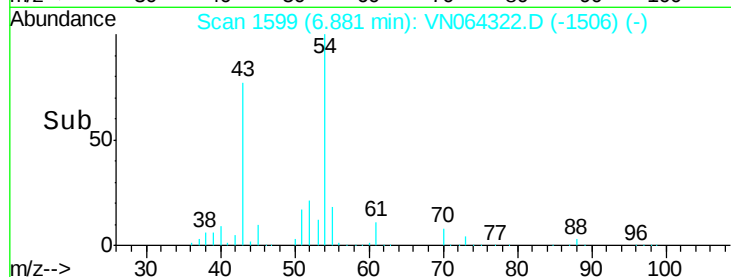
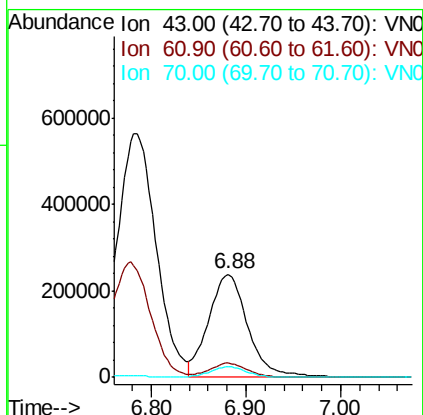
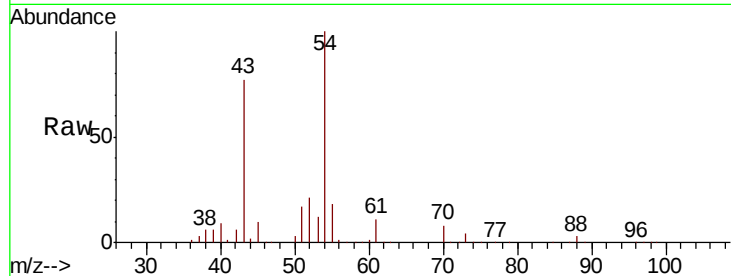




#37
Ethyl Acetate
Concen: 174.258 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

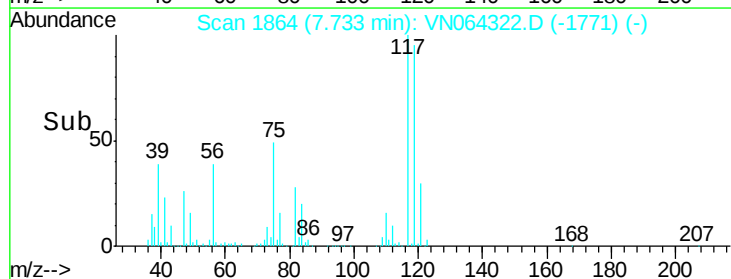
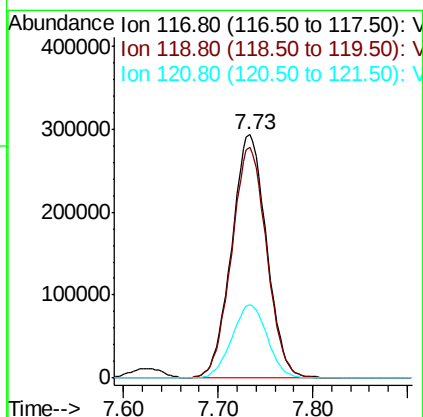
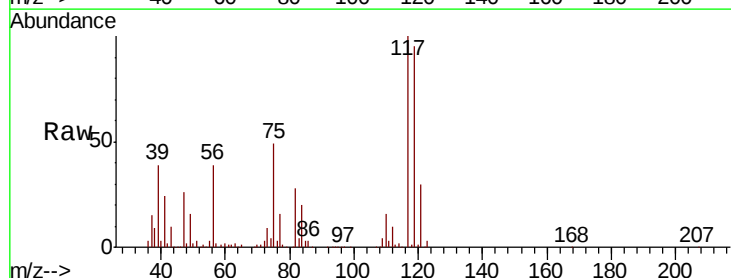
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

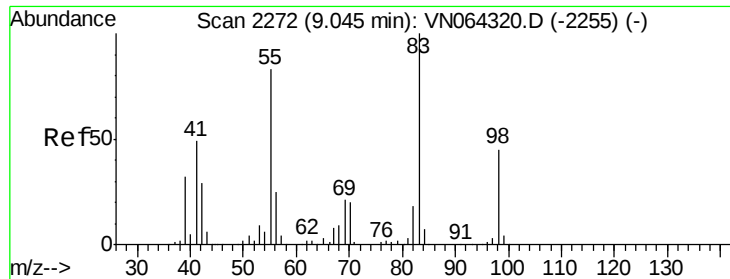
Tot Ion: 43 Resp: 677655
Ion Ratio Lower Upper
43 100
61 12.9 10.0 15.0
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 156.440 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 117 Resp: 749979
Ion Ratio Lower Upper
117 100
119 94.7 73.7 110.5
121 30.3 22.8 34.2

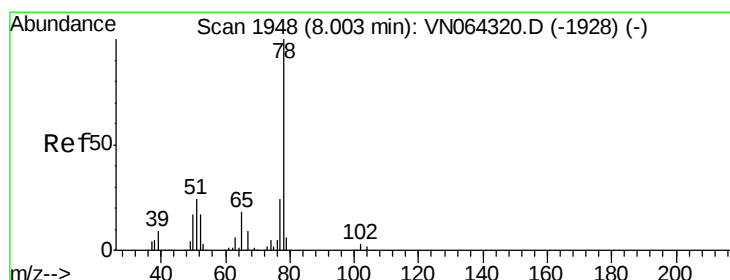
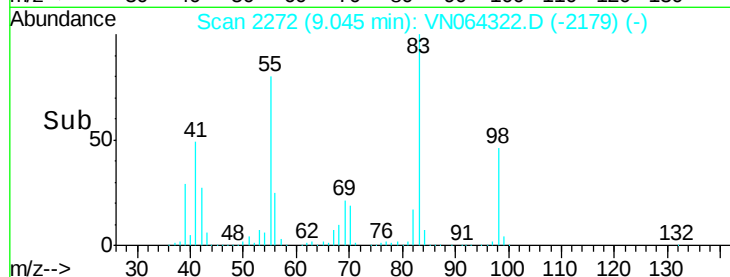
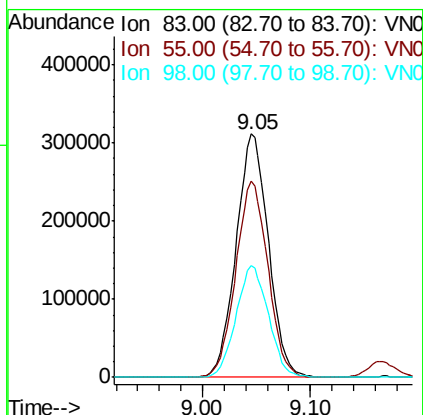
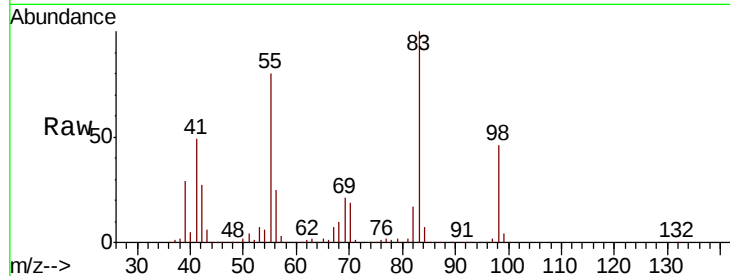




#39
Methvlcvclohexane
Concen: 168.767 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

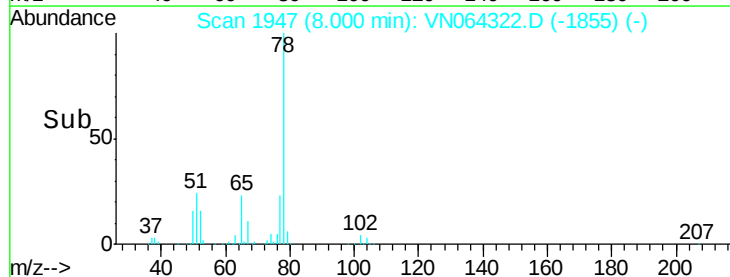
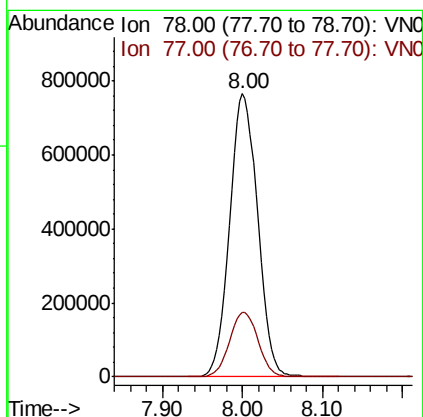
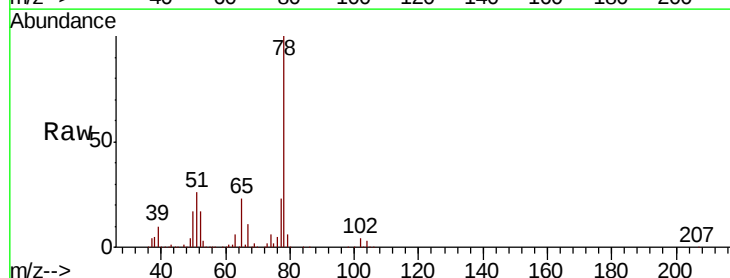
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

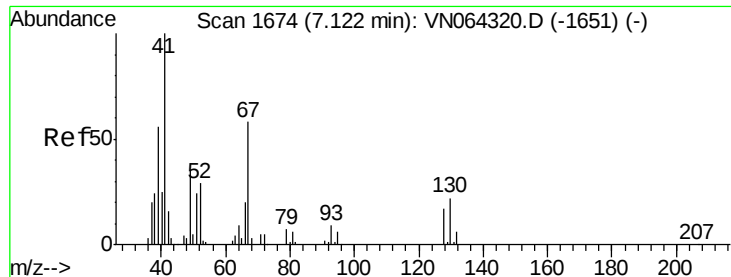
Tot Ion: 83 Resp: 649445
Ion Ratio Lower Upper
83 100
55 80.5 66.2 99.4
98 45.9 36.0 54.0



#40
Benzene
Concen: 156.730 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 78 Resp: 1814065
Ion Ratio Lower Upper
78 100
77 22.9 18.8 28.2

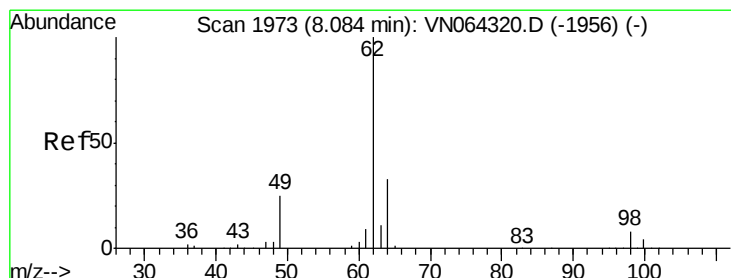
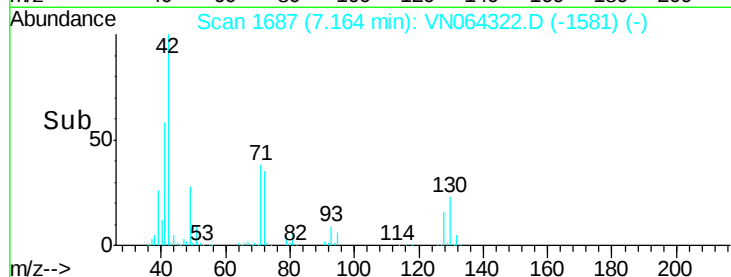
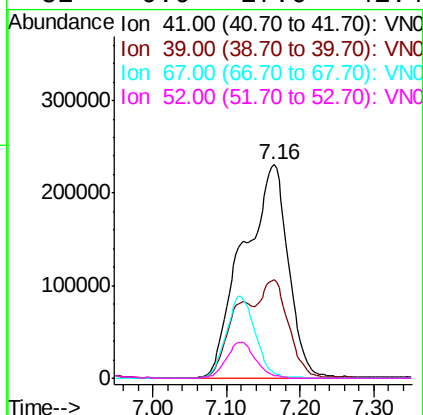
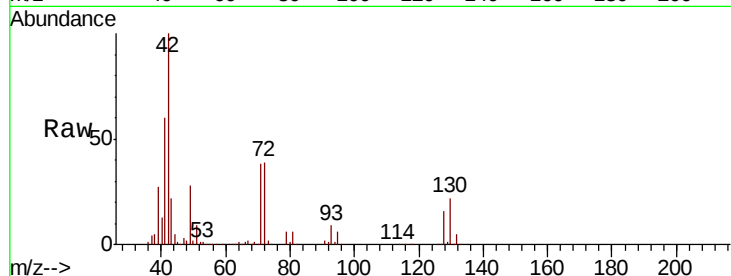




#41
Methacrylonitrile
Concen: 484.011 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

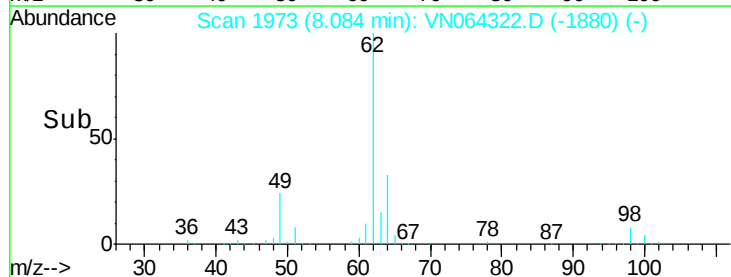
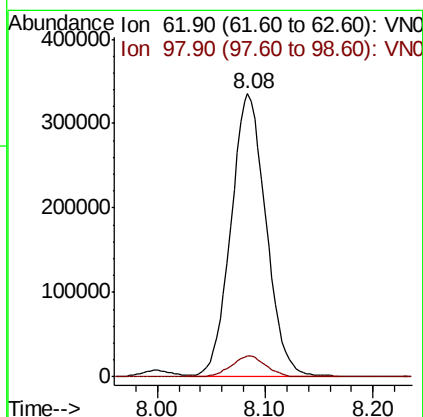
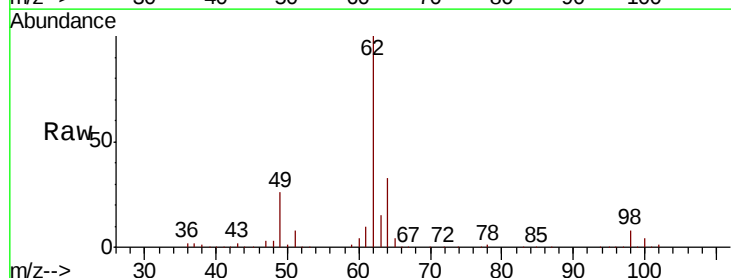
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

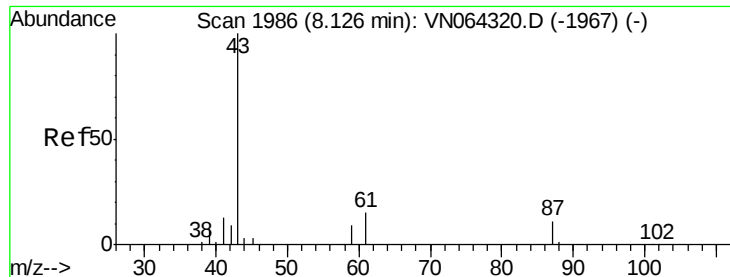
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.6	72.8#
67	0.0	61.4	92.2#
52	0.0	27.6	41.4#



#42
1,2-Dichloroethane
Concen: 151.179 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	14.2





#43

Isopropyl Acetate

Concen: 164.996 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

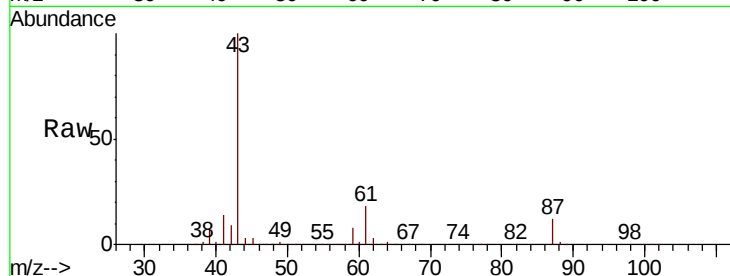
Tot Ion: 43 Resp: 1181009

Ion Ratio Lower Upper

43 100

61 23.7 19.1 28.7

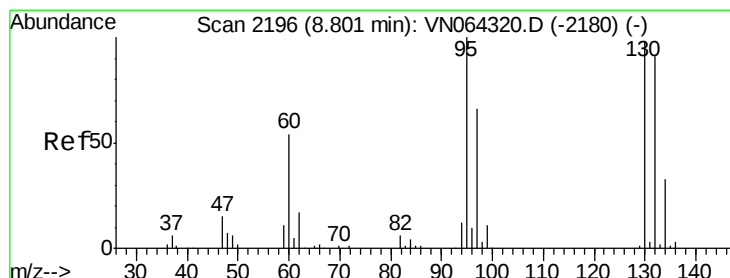
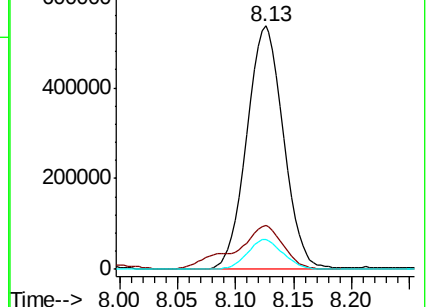
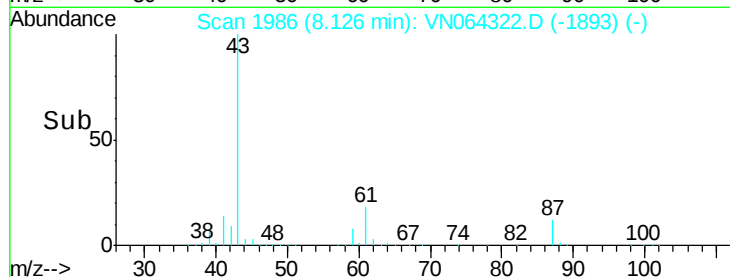
87 12.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064322.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064322.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064322.D (-1893) (-)



#44

Trichloroethene

Concen: 155.683 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064322.D

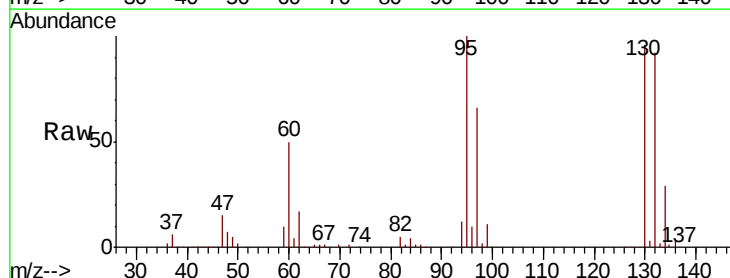
Acq: 27 Oct 2020 12:04

Tgt Ion:130 Resp: 491668

Ion Ratio Lower Upper

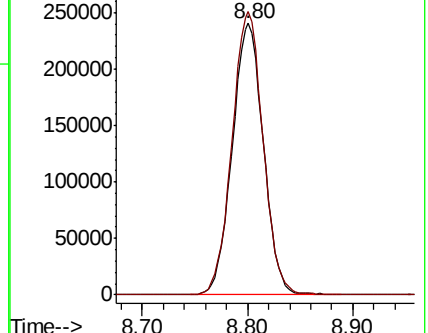
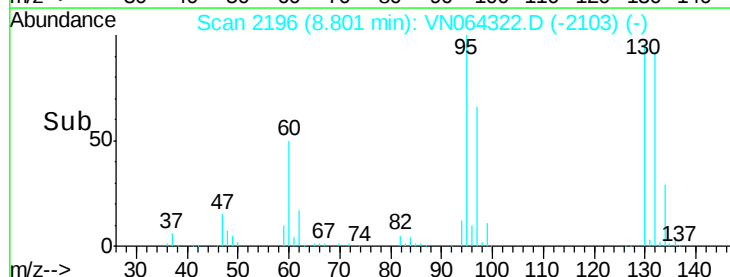
130 100

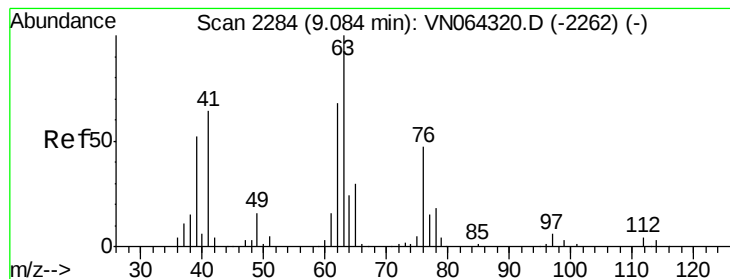
95 104.1 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064322.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064322.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 155.072 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

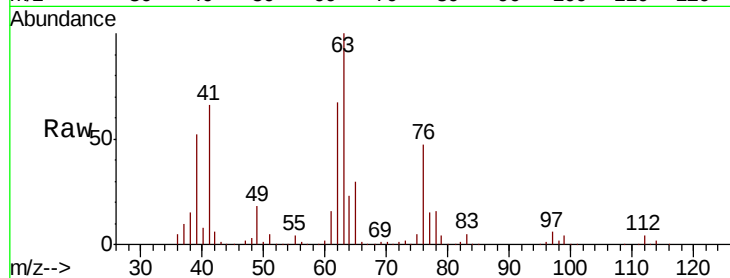
VSTDIC150

Tot Ion: 63 Resp: 478252

Ion Ratio Lower Upper

63 100

65 30.3 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

250000

200000

150000

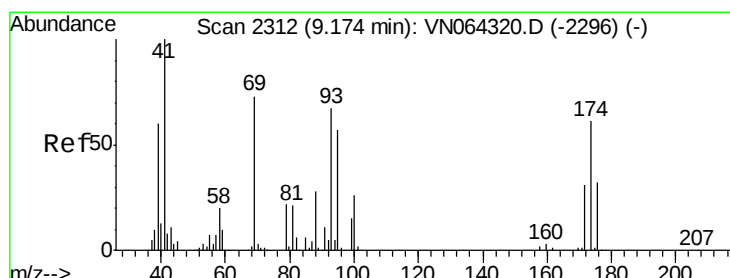
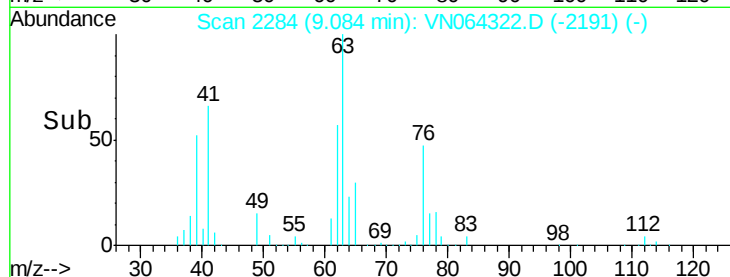
100000

50000

0

Time-->

8.95 9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 165.888 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

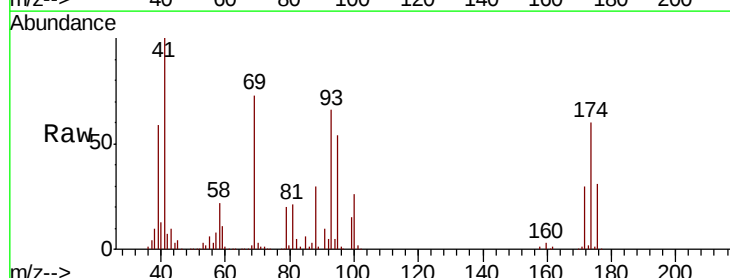
Tgt Ion: 93 Resp: 346348

Ion Ratio Lower Upper

93 100

95 81.4 64.4 96.6

174 91.2 71.4 107.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.17

200000

150000

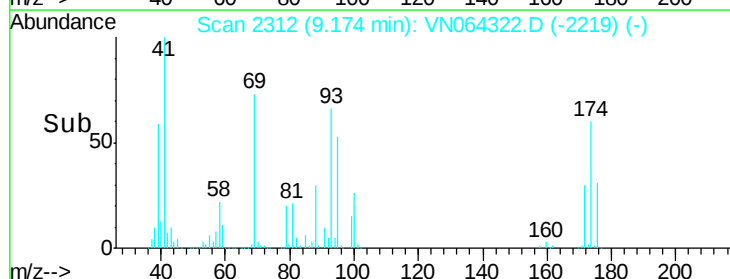
100000

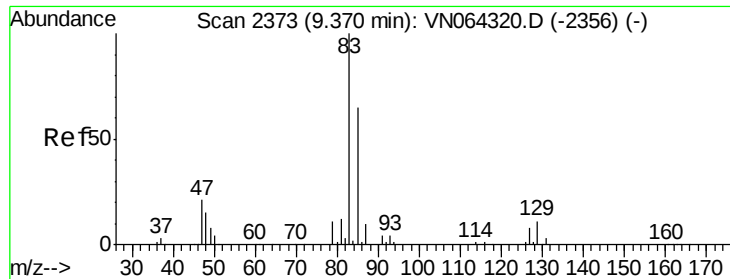
50000

0

Time-->

9.10 9.20 9.30





#47

Bromodichloromethane

Concen: 160.305 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

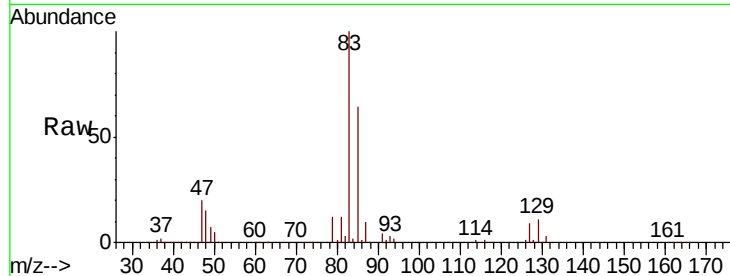
Tot Ion: 83 Resp: 736774

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

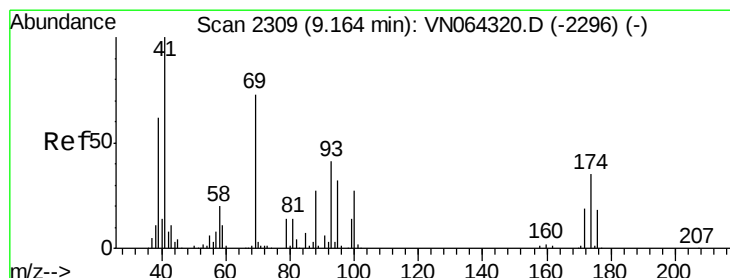
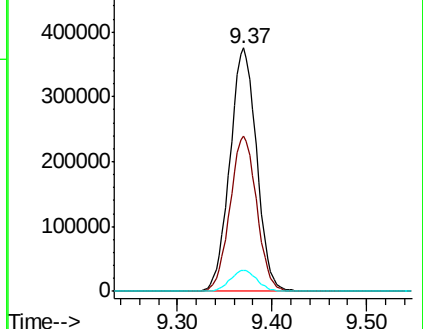
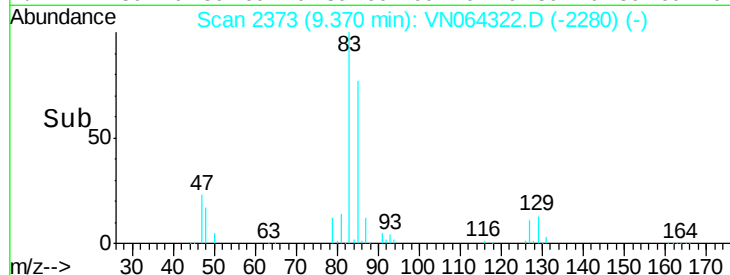
127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064322.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064322.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064322.D (-2280) (-)



#48

Methyl methacrylate

Concen: 159.075 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

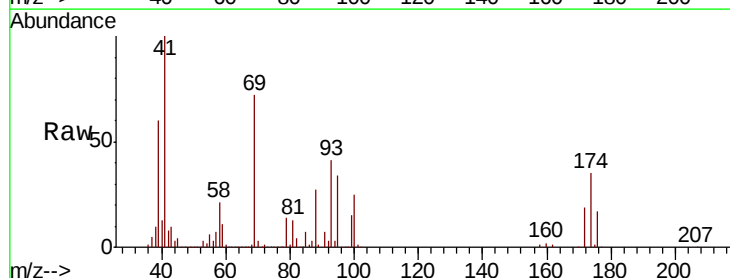
Tgt Ion: 41 Resp: 591517

Ion Ratio Lower Upper

41 100

69 74.1 59.1 88.7

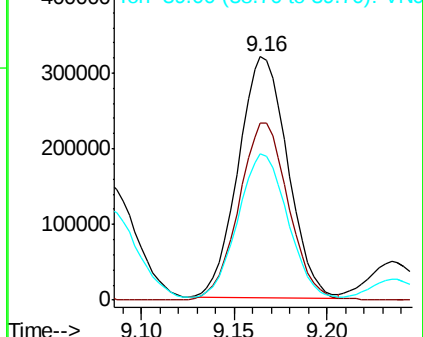
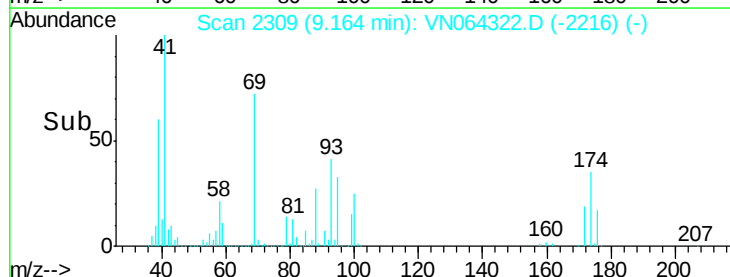
39 61.8 51.3 76.9

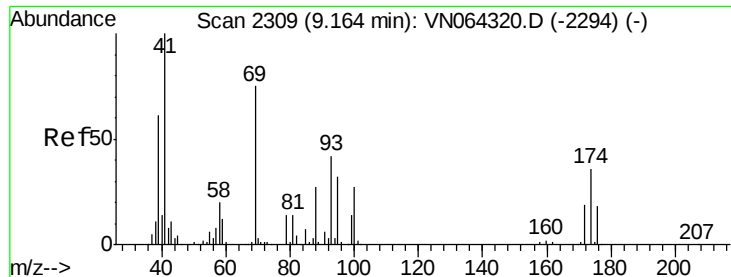


Abundance Ion 41.00 (40.70 to 41.70): VN064322.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064322.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064322.D (-2216) (-)





#49

1,4-Dioxane

Concen: 4052.991 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

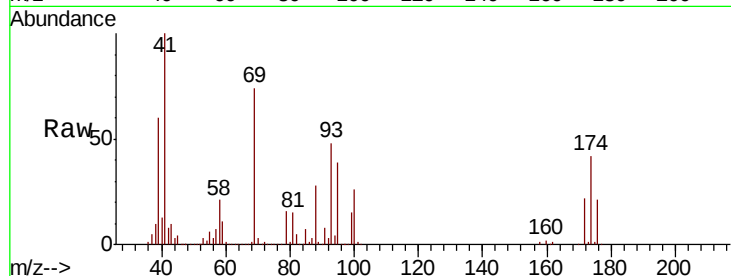
Tot Ion: 88 Resp: 185167

Ion Ratio Lower Upper

88 100

43 35.5 31.8 47.8

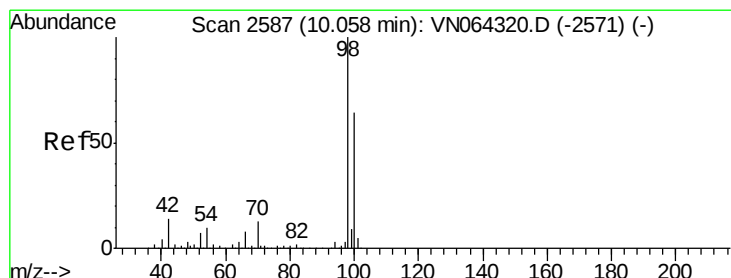
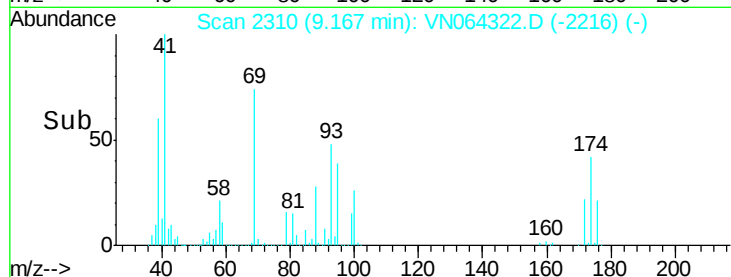
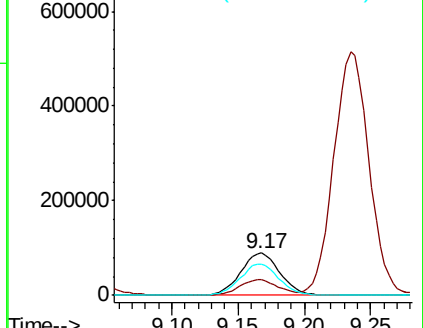
58 72.3 60.3 90.5



Abundance Ion 88.00 (87.70 to 88.70): VN064322.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064322.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064322.D (-2216) (-)



#50

Toluene-d8

Concen: 168.711 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064322.D

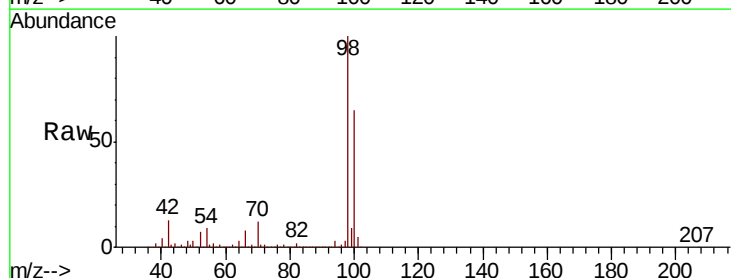
Acq: 27 Oct 2020 12:04

Tgt Ion: 98 Resp: 1699230

Ion Ratio Lower Upper

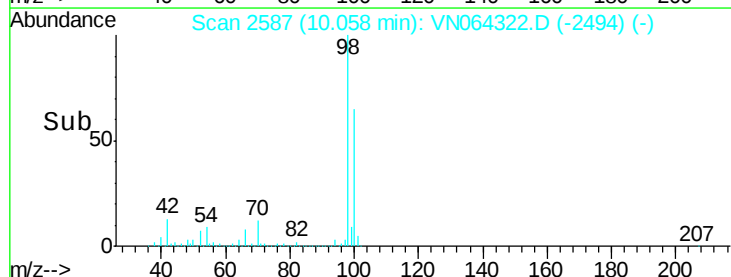
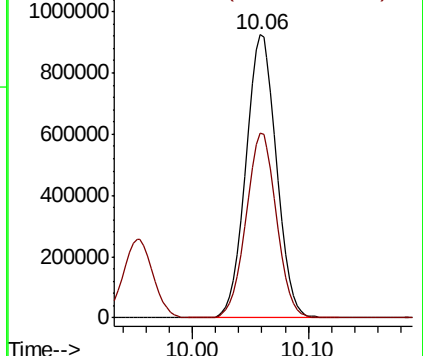
98 100

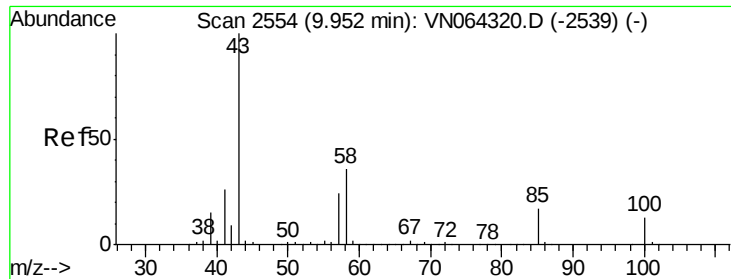
100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064322.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064322.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 882.895 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

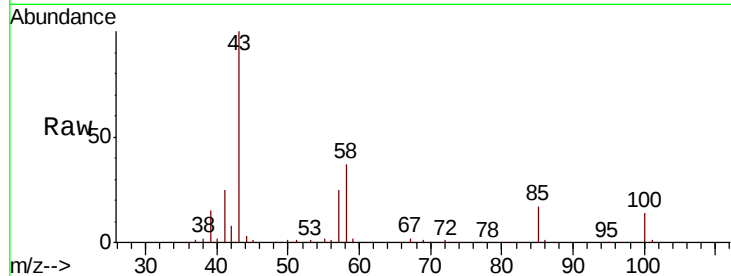
VSTDIC150

Tot Ion: 43 Resp: 3417253

Ion Ratio Lower Upper

43 100

58 36.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064322.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064322.D (-2461) (-)

9.95

2000000

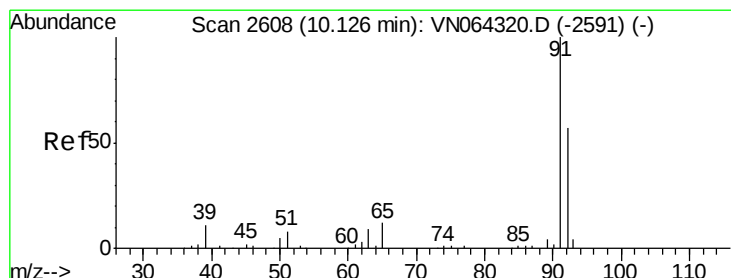
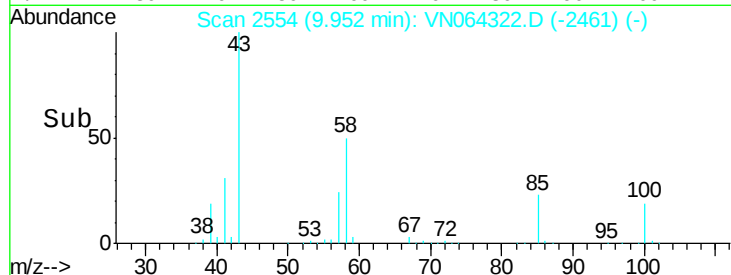
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 157.399 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064322.D

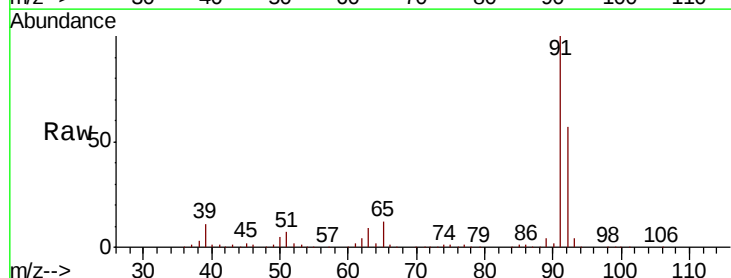
Acq: 27 Oct 2020 12:04

Tgt Ion: 92 Resp: 1162904

Ion Ratio Lower Upper

92 100

91 174.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064322.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064322.D (-2515) (-)

10.13

1200000

1000000

800000

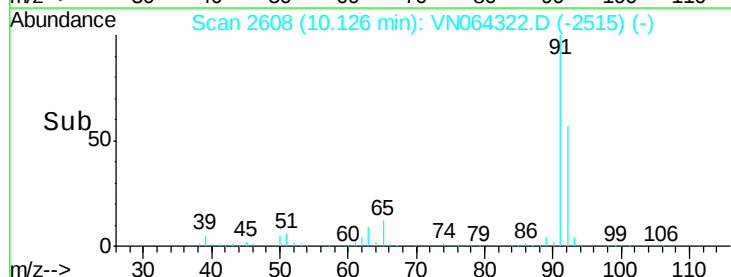
600000

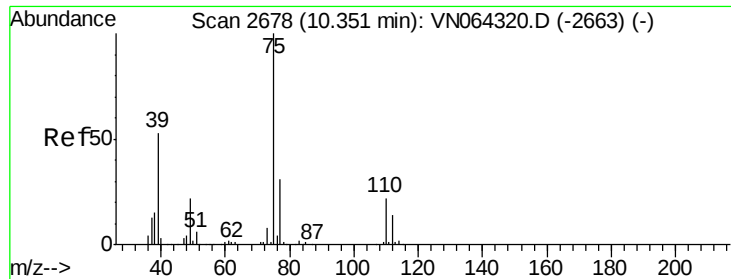
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 166.397 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

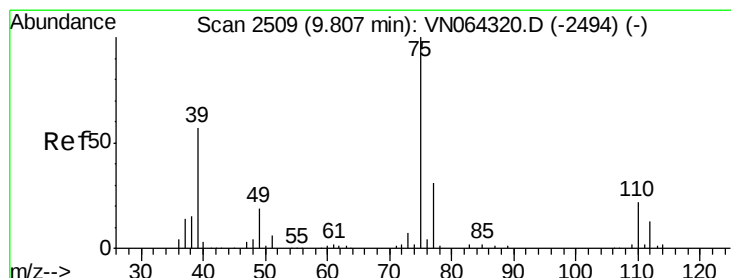
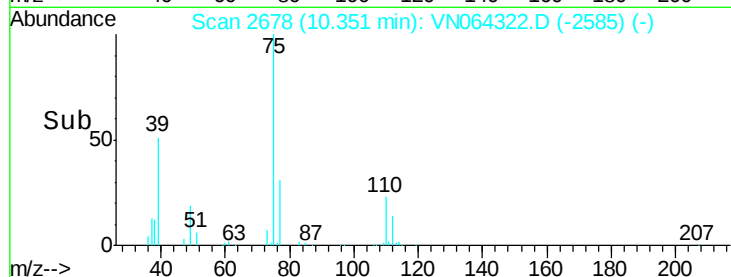
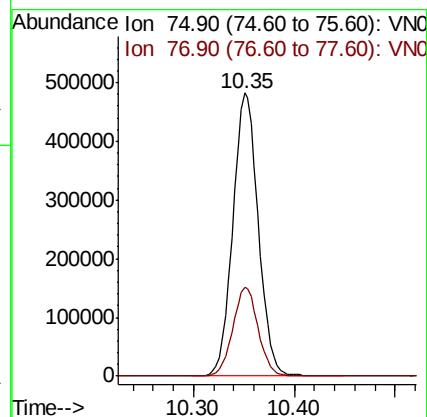
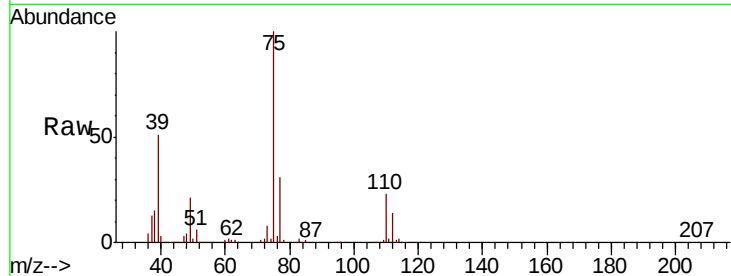
VSTDIC150

Tot Ion: 75 Resp: 845543

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 158.599 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

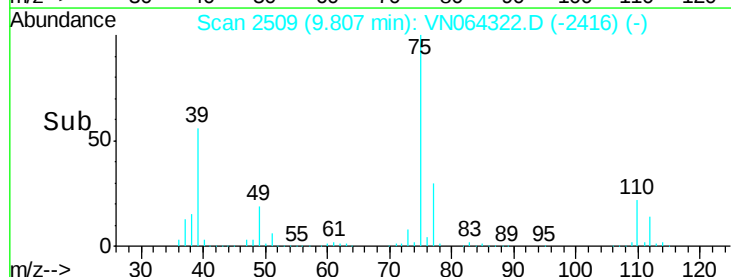
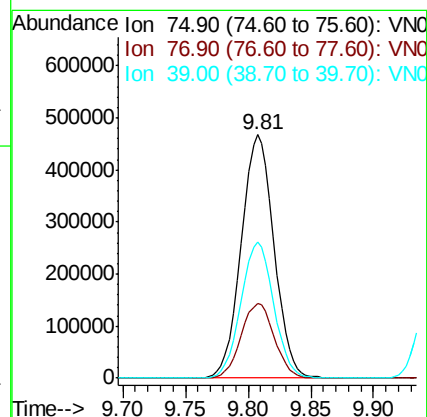
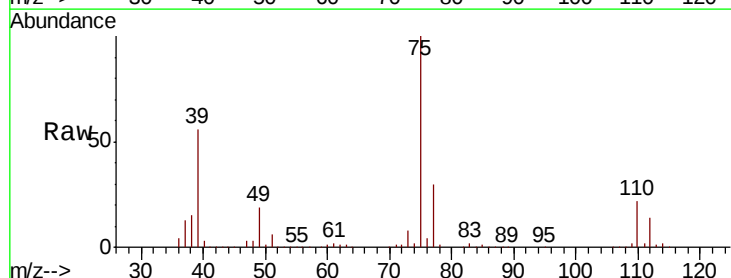
Tgt Ion: 75 Resp: 851411

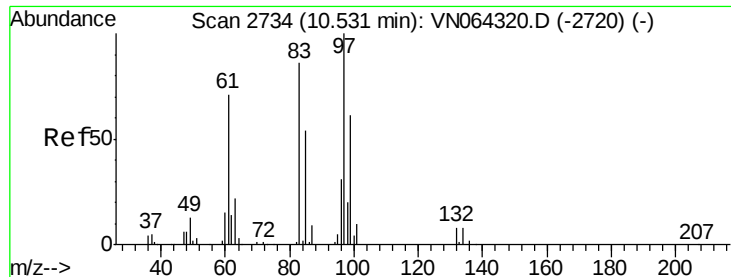
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.4

39 56.0 45.5 68.3





#55

1,1,2-Trichloroethane

Concen: 164.255 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 460575

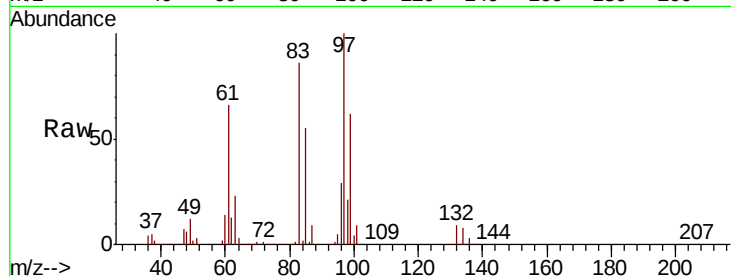
Ion Ratio Lower Upper

97 100

83 85.6 68.9 103.3

85 54.7 43.6 65.4

99 62.0 49.2 73.8

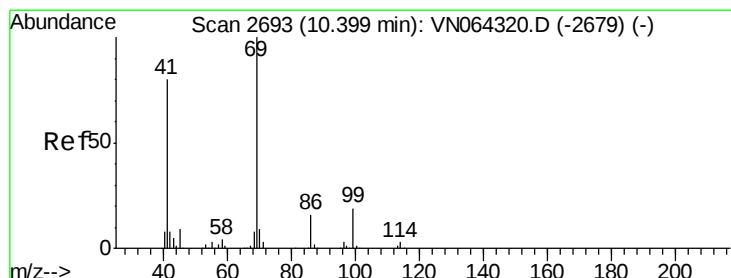
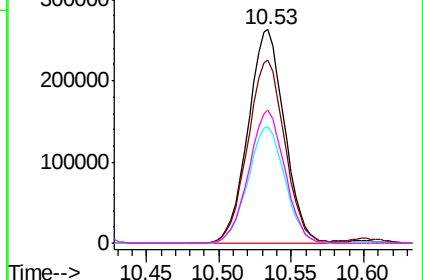
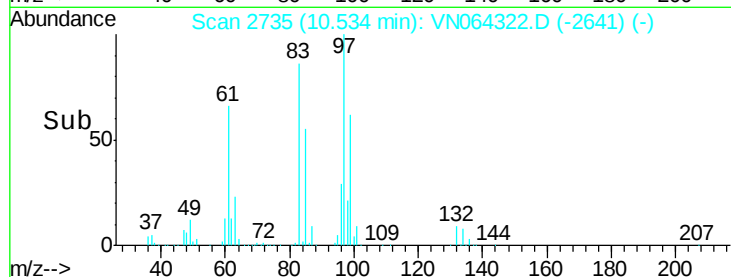


Abundance Ion 96.90 (96.60 to 97.60): VN0

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



#56

Ethyl methacrylate

Concen: 170.182 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

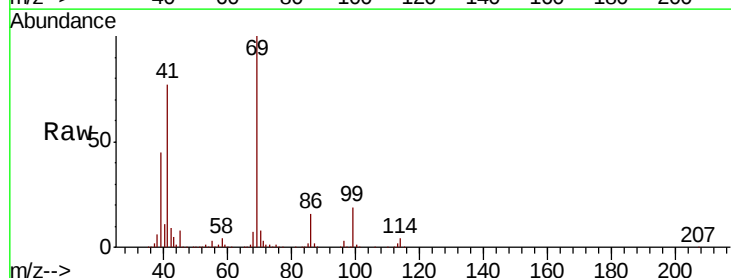
Tgt Ion: 69 Resp: 738450

Ion Ratio Lower Upper

69 100

41 75.2 61.4 92.2

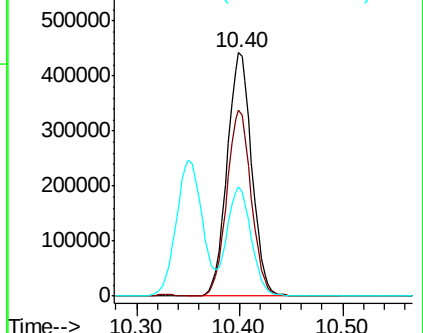
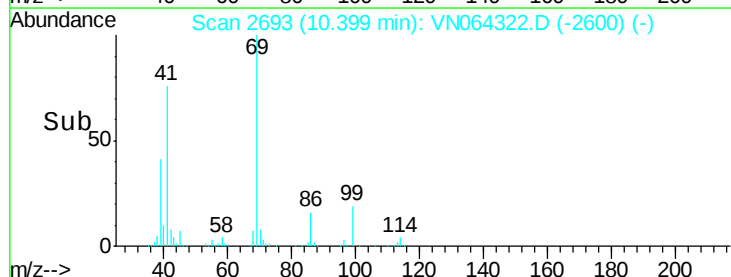
39 44.2 36.5 54.7

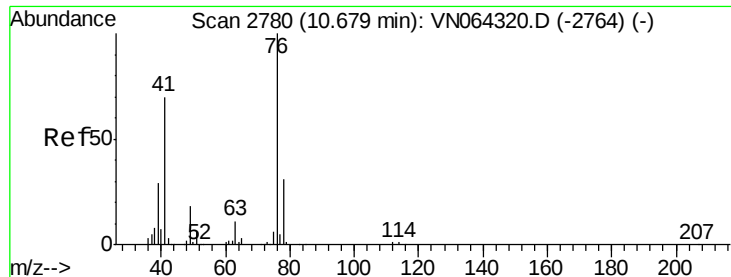


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 163.715 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

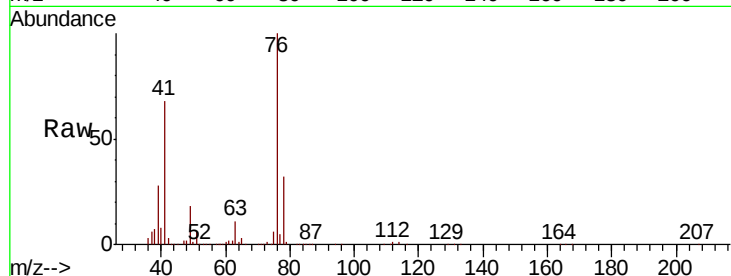
VSTDIC150

Tot Ion: 76 Resp: 798005

Ion Ratio Lower Upper

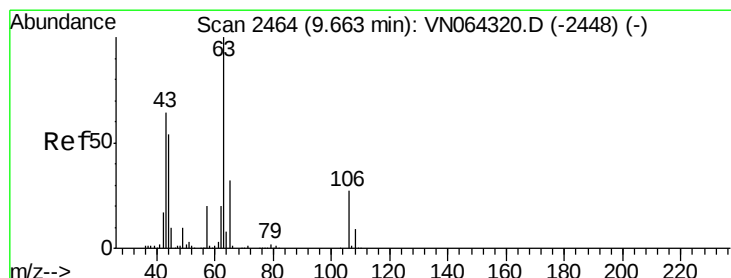
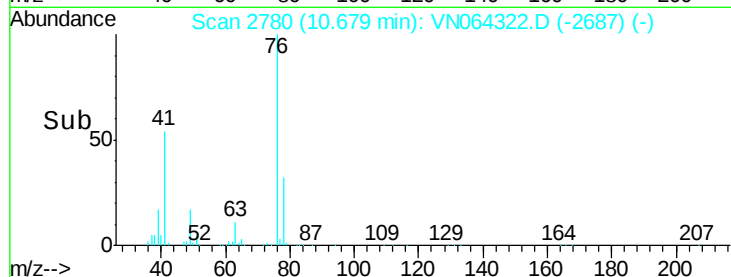
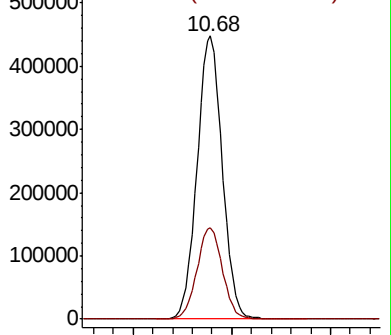
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 839.449 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064322.D

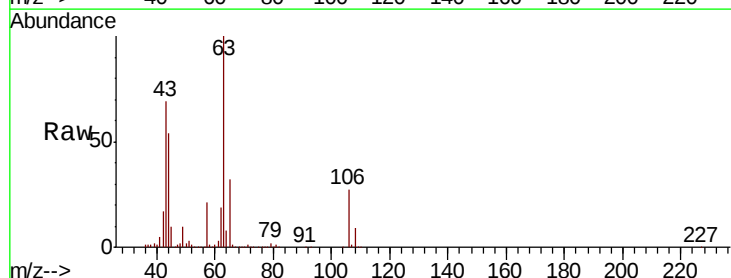
Acq: 27 Oct 2020 12:04

Tgt Ion: 63 Resp: 1869226

Ion Ratio Lower Upper

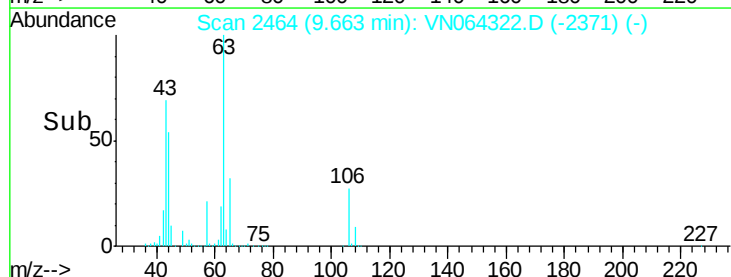
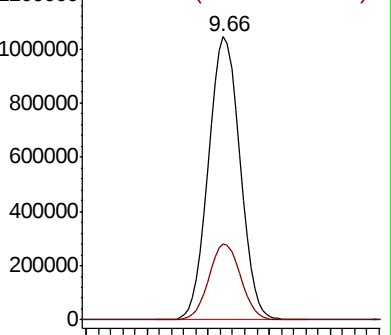
63 100

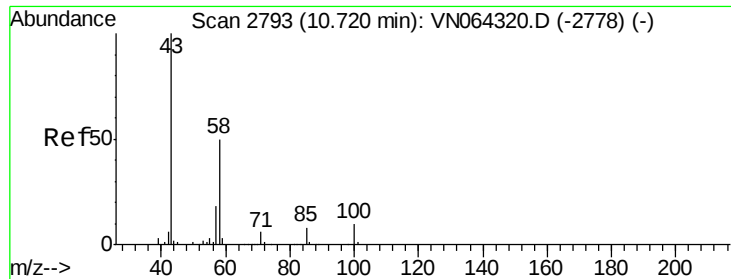
106 27.0 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

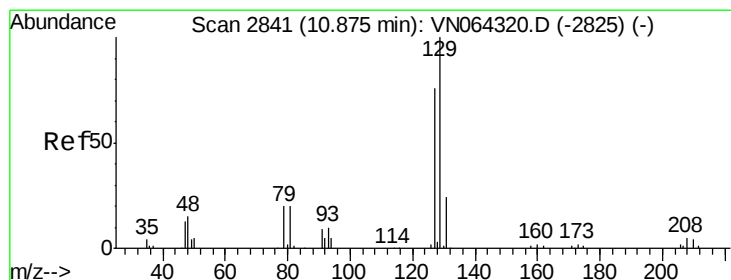
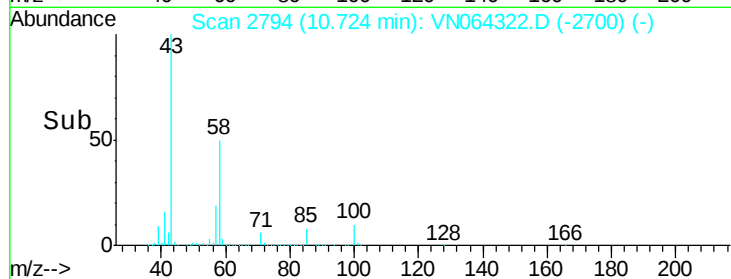
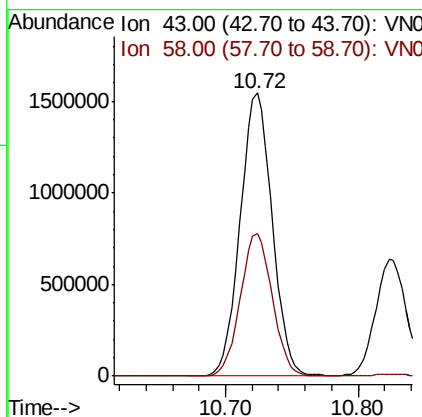
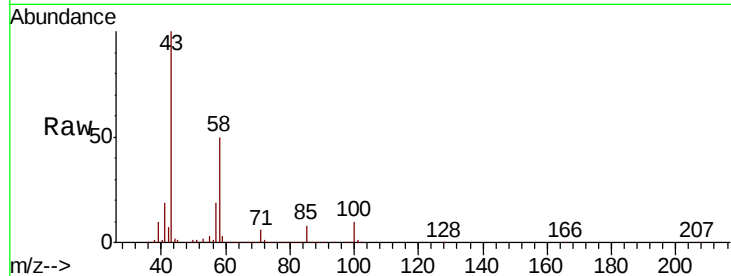




#59
2-Hexanone
Concen: 912.552 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

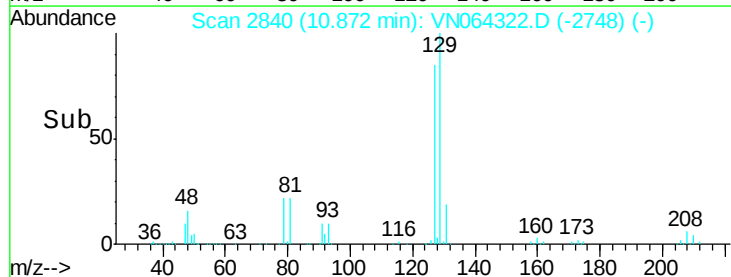
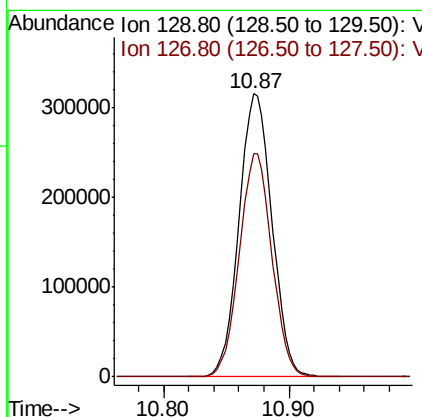
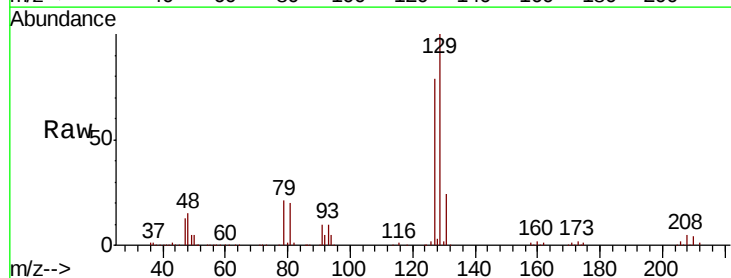
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

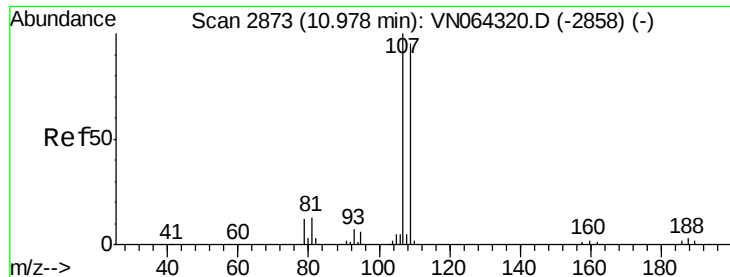
Tot Ion: 43 Resp: 2588300
Ion Ratio Lower Upper
43 100
58 50.6 25.0 75.0



#60
Dibromochloromethane
Concen: 159.048 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 129 Resp: 576739
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3

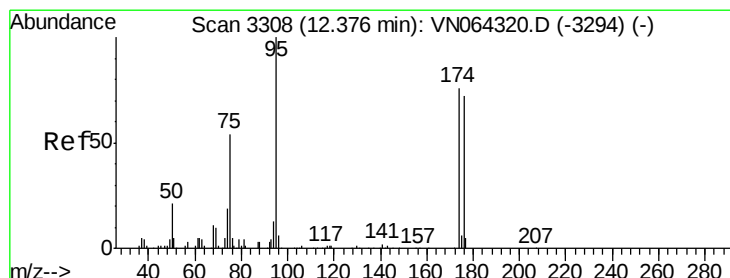
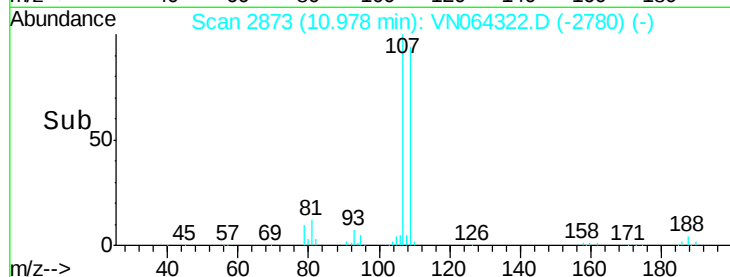
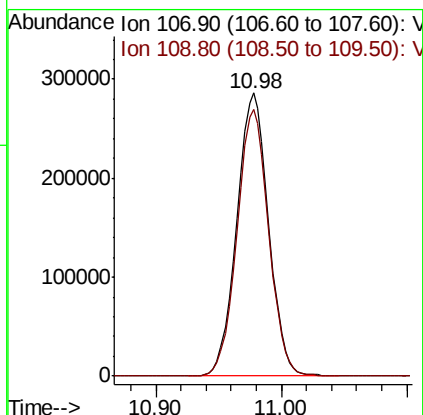
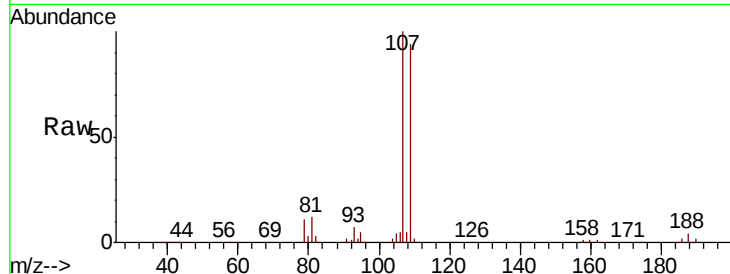




#61
 1,2-Dibromoethane
 Concen: 169.343 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

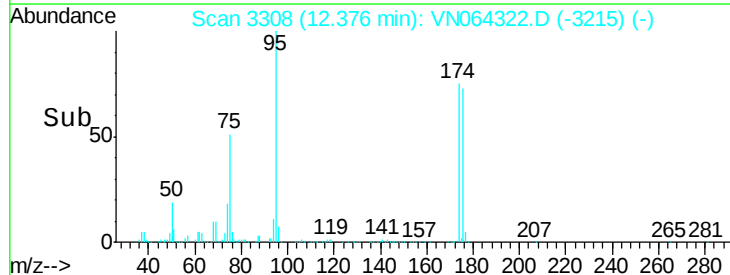
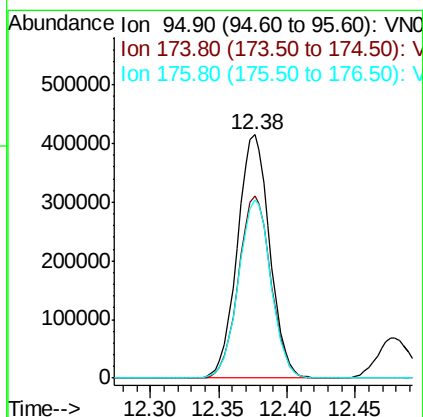
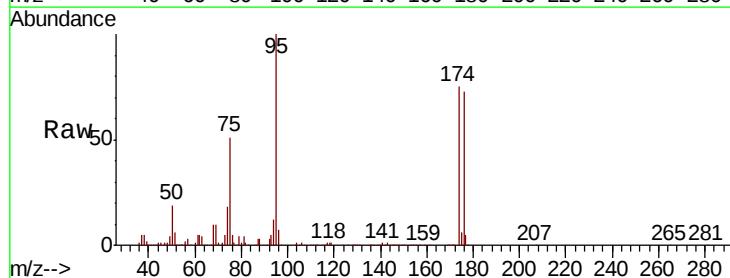
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

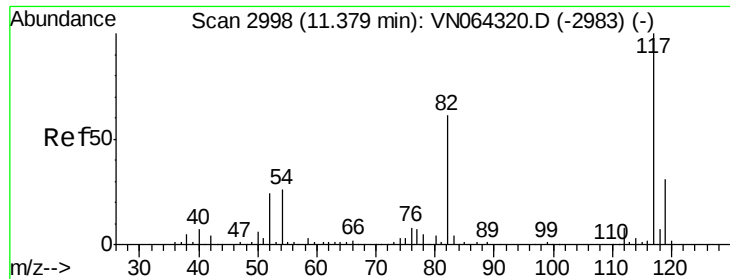
Tot Ion: 107 Resp: 502413
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 167.262 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion: 95 Resp: 683264
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 147.4
 176 73.6 0.0 143.6

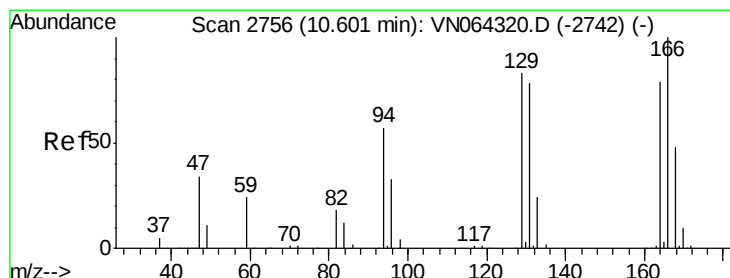
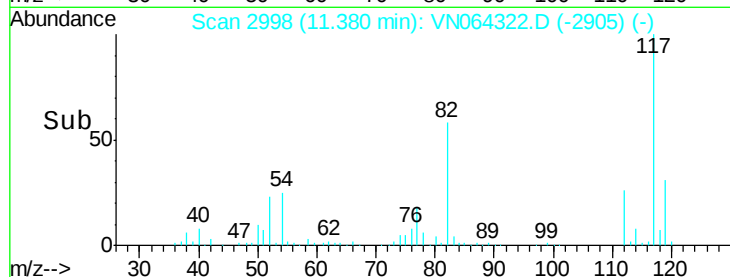
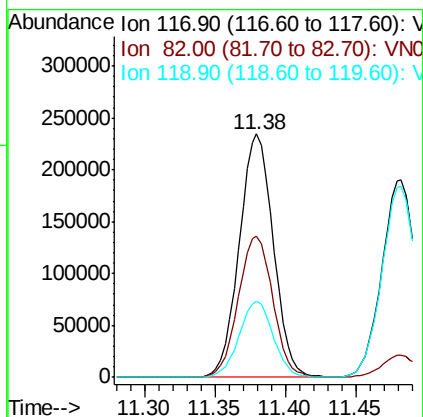
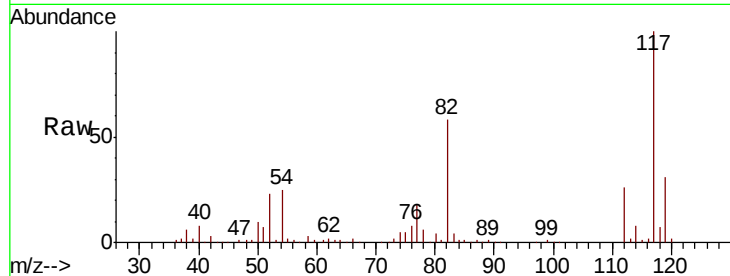




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

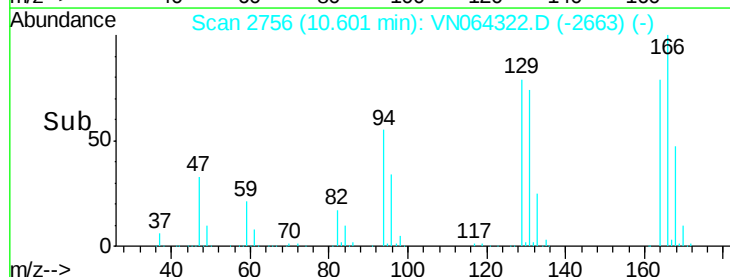
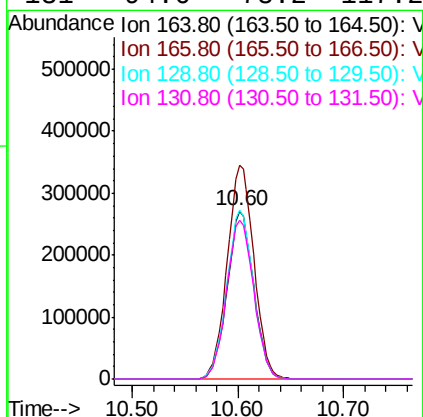
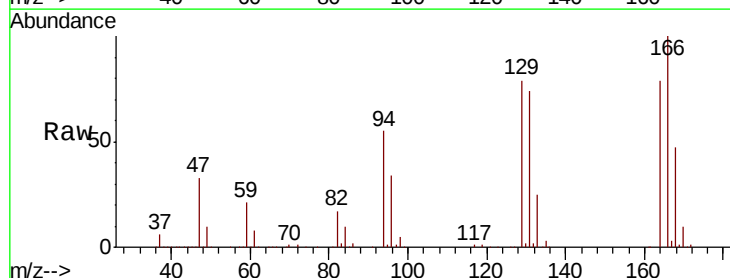
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

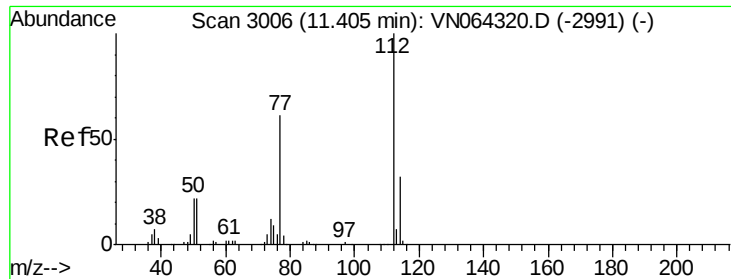
Tot Ion:117 Resp: 397811
Ion Ratio Lower Upper
117 100
82 58.0 48.8 73.2
119 31.1 25.1 37.7



#64
Tetrachloroethene
Concen: 146.202 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion:164 Resp: 469669
Ion Ratio Lower Upper
164 100
166 127.4 100.7 151.1
129 100.4 83.7 125.5
131 94.6 78.2 117.2





#65

Chlorobenzene

Concen: 154.395 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

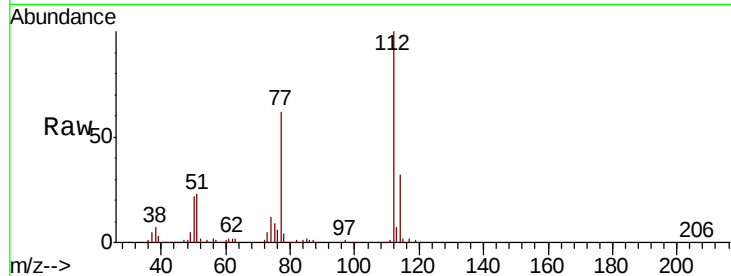
VSTDIC150

Tot Ion:112 Resp: 1266141

Ion Ratio Lower Upper

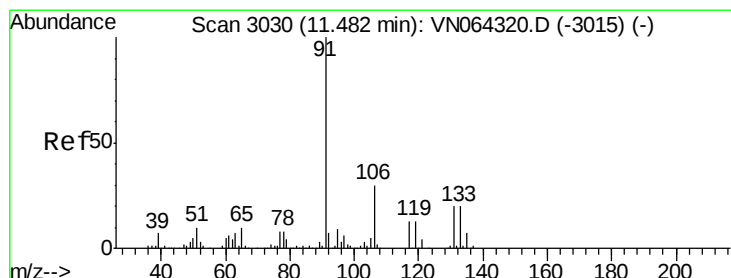
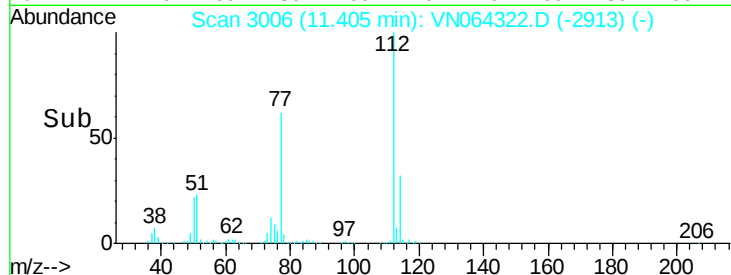
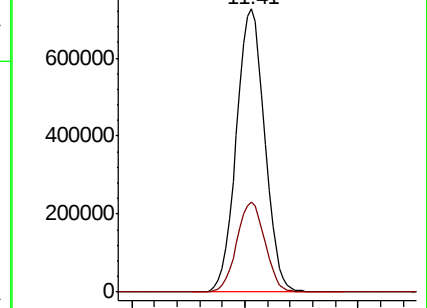
112 100

114 31.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 151.384 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

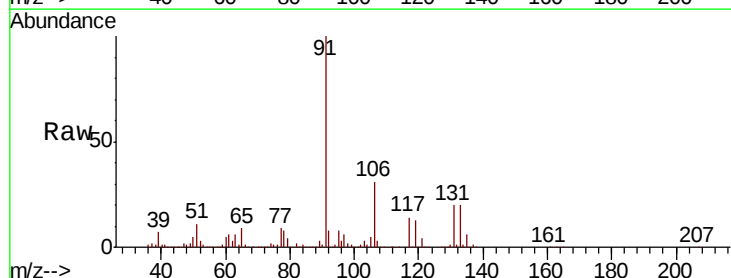
Tgt Ion:131 Resp: 492876

Ion Ratio Lower Upper

131 100

133 96.9 49.3 147.8

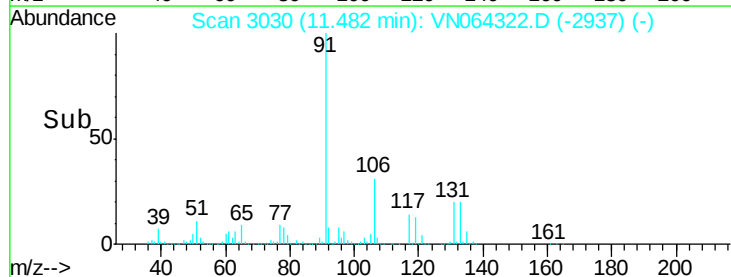
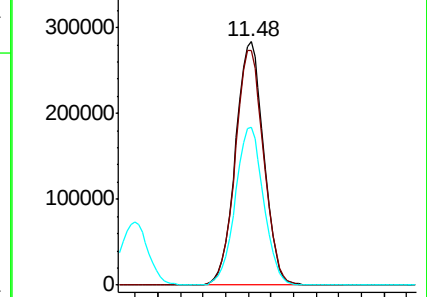
119 65.1 32.3 96.9

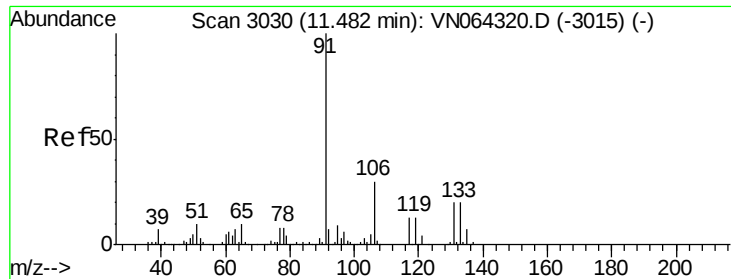


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 153.813 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

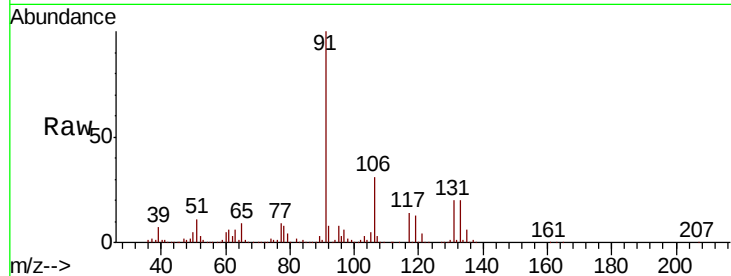
VSTDIC150

Tot Ion: 91 Resp: 2322981

Ion Ratio Lower Upper

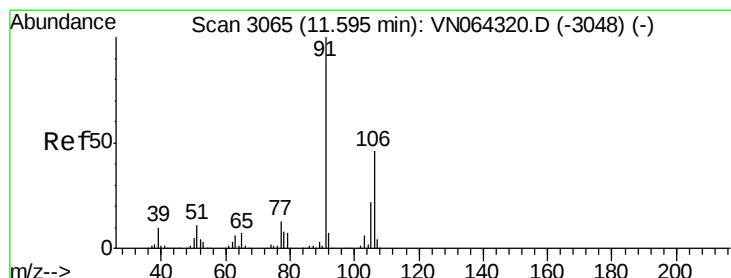
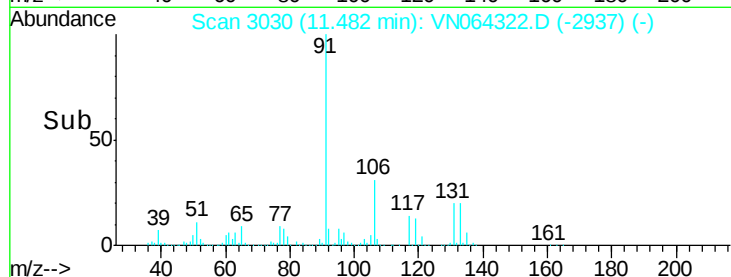
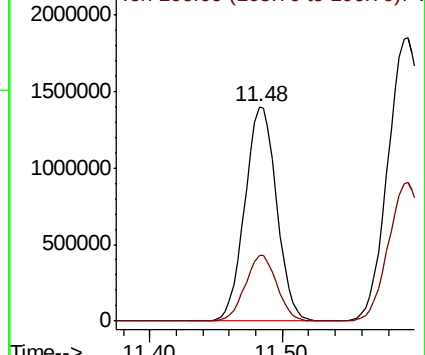
91 100

106 30.6 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN064322.D (-2937) (-)

Ion 106.00 (105.70 to 106.70): VN064322.D (-2937) (-)



#68

m/p-Xylenes

Concen: 309.828 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064322.D

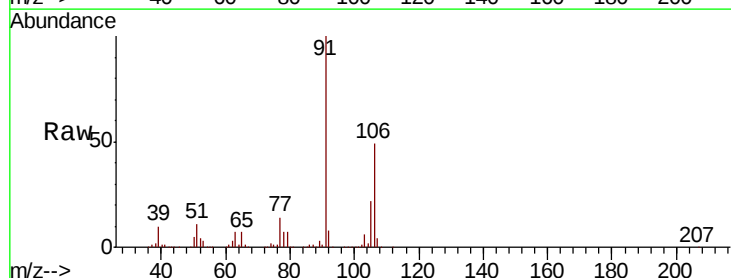
Acq: 27 Oct 2020 12:04

Tgt Ion: 106 Resp: 1735020

Ion Ratio Lower Upper

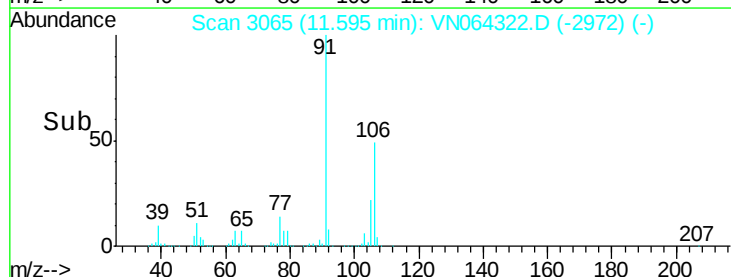
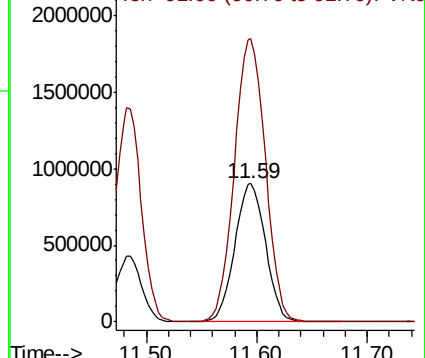
106 100

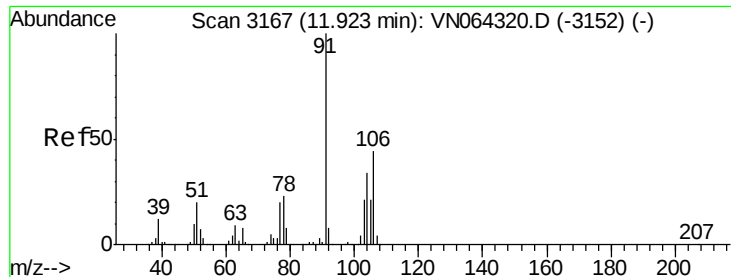
91 206.6 170.2 255.4



Abundance Ion 106.00 (105.70 to 106.70): VN064322.D (-2972) (-)

Ion 91.00 (90.70 to 91.70): VN064322.D (-2972) (-)

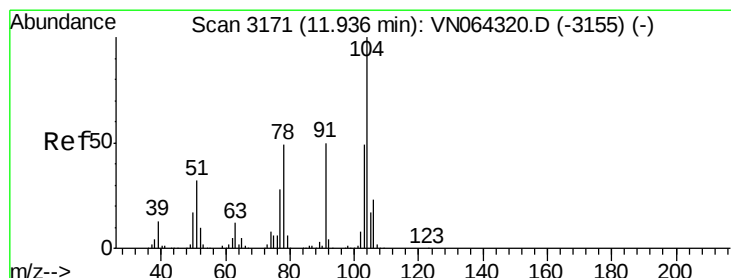
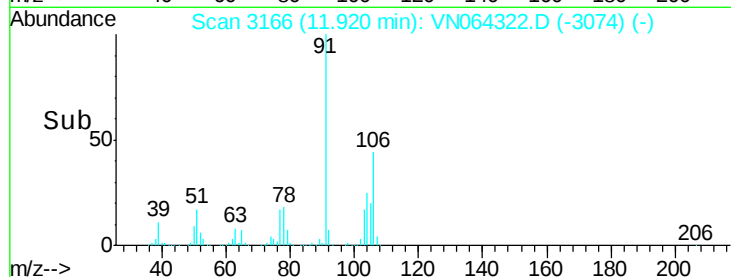
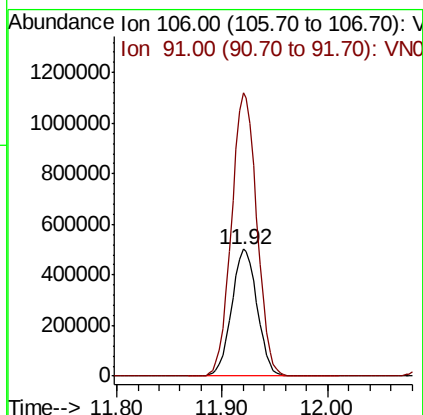
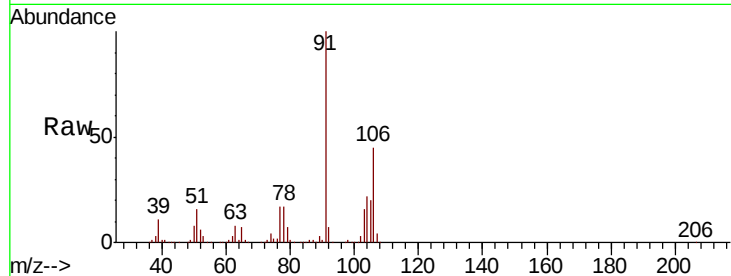




#69
o-Xylene
Concen: 155.975 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

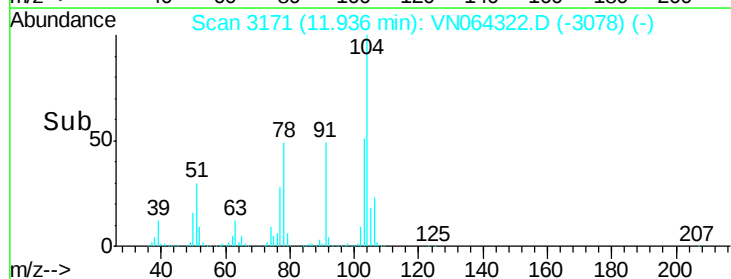
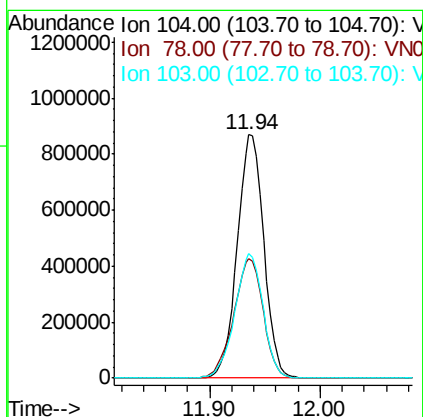
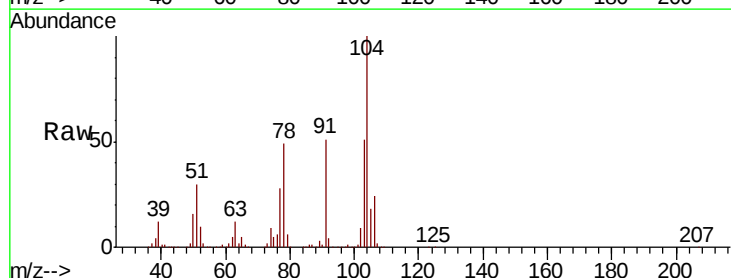
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

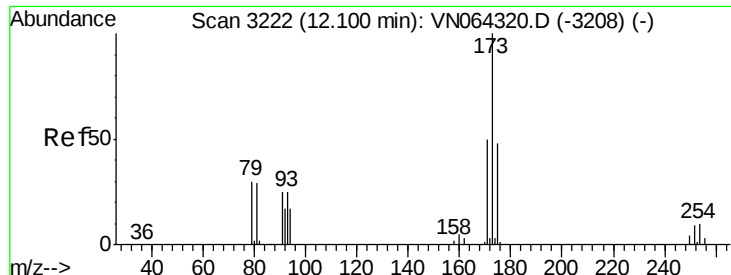
Tot Ion:106 Resp: 839098
Ion Ratio Lower Upper
106 100
91 221.4 114.5 343.5



#70
Styrene
Concen: 160.398 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion:104 Resp: 1452773
Ion Ratio Lower Upper
104 100
78 54.4 43.7 65.5
103 54.4 43.3 64.9





#71

Bromoform

Concen: 169.261 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

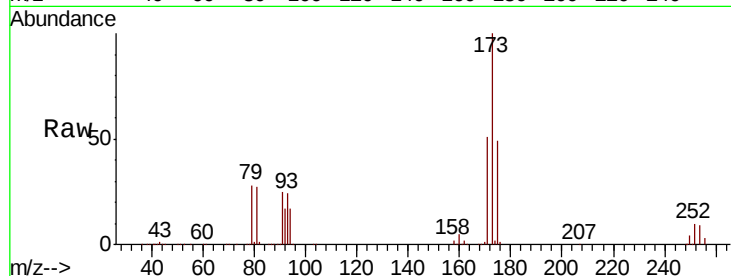
Tot Ion:173 Resp: 426688

Ion Ratio Lower Upper

173 100

175 49.3 25.4 76.0

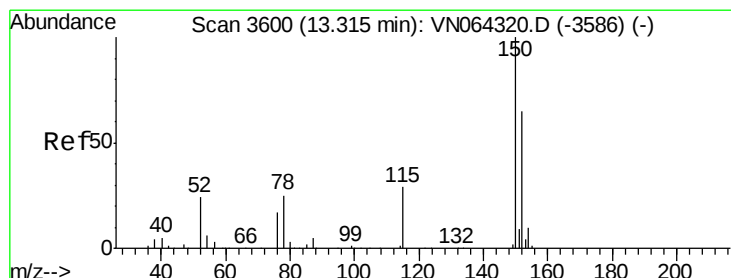
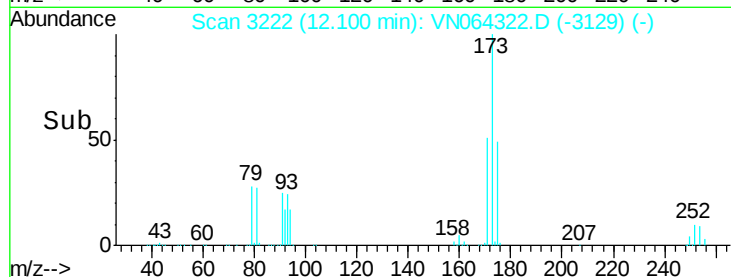
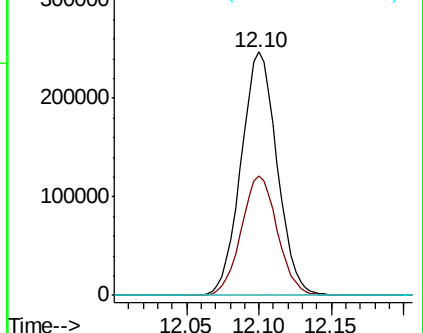
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

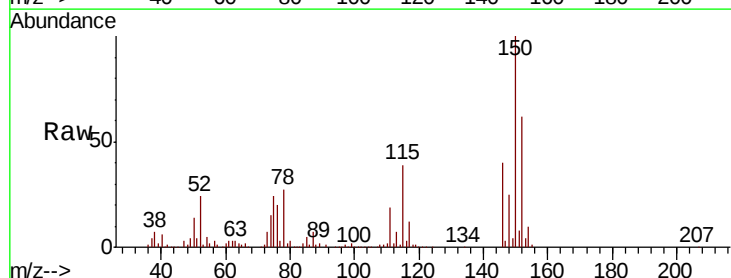
Tgt Ion:152 Resp: 202512

Ion Ratio Lower Upper

152 100

115 61.5 31.5 94.5

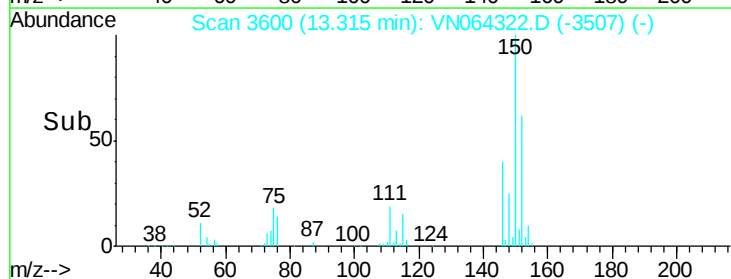
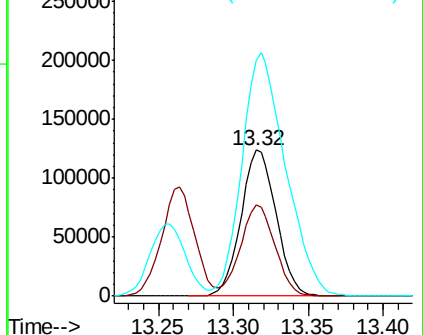
150 206.9 0.0 346.2

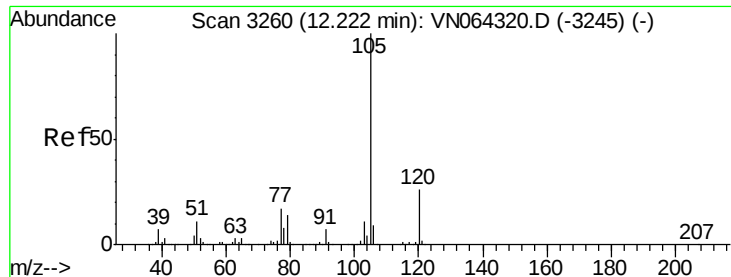


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

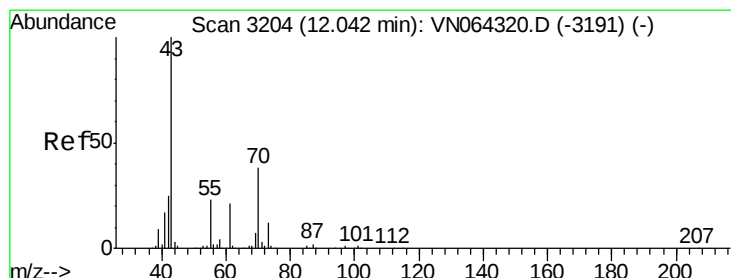
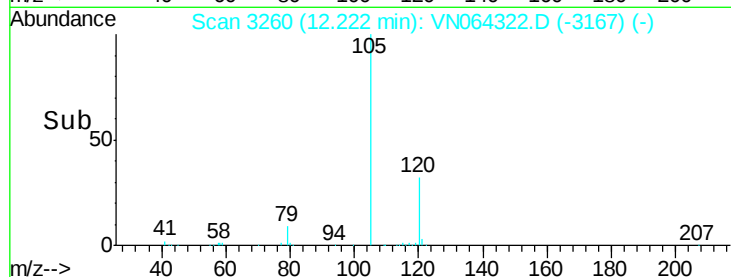
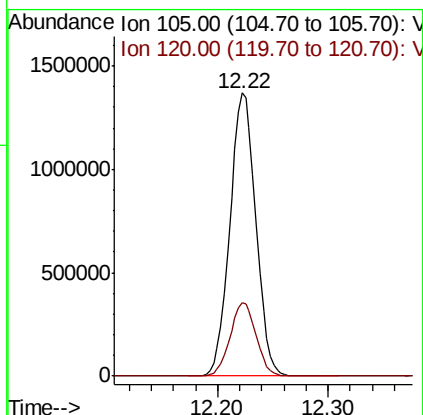
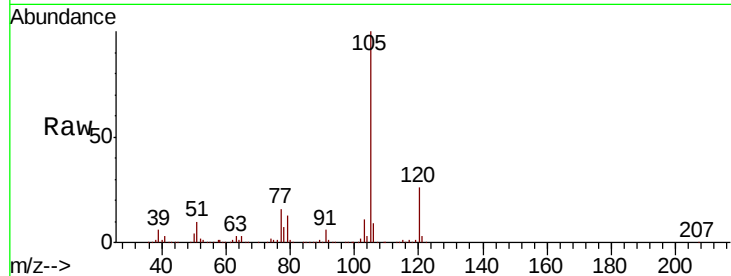




#73
Isopropylbenzene
Concen: 145.289 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

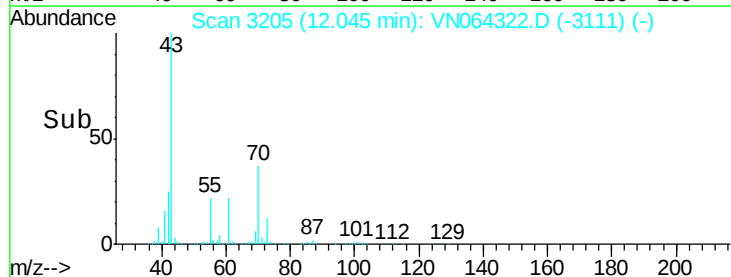
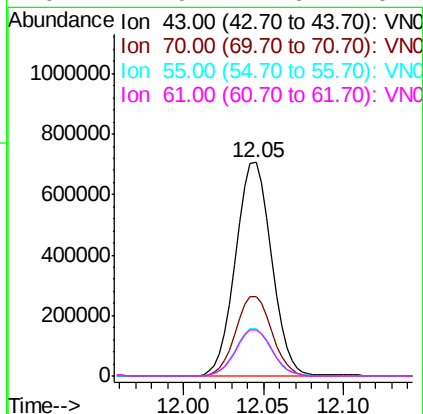
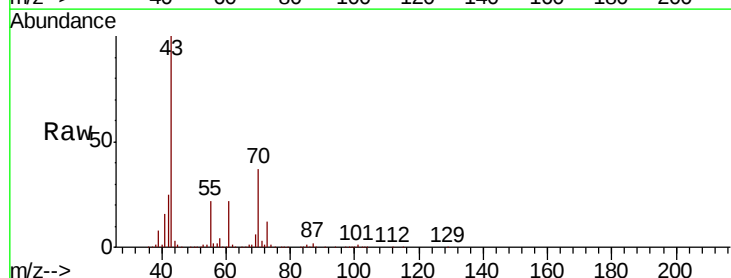
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

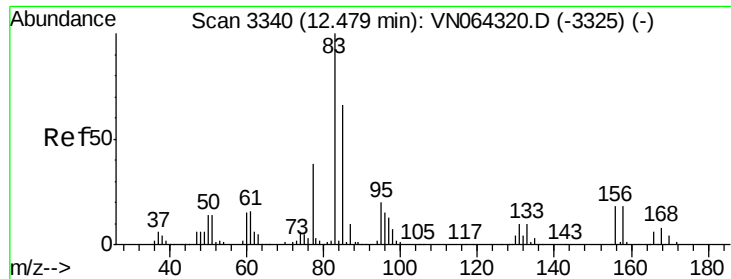
Tot Ion:105 Resp: 2231378
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5



#74
N-ethyl acetate
Concen: 161.910 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064322.D
Acq: 27 Oct 2020 12:04

Tgt Ion: 43 Resp: 1082109
Ion Ratio Lower Upper
43 100
70 37.5 30.6 45.8
55 22.3 18.2 27.4
61 21.9 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 155.936 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

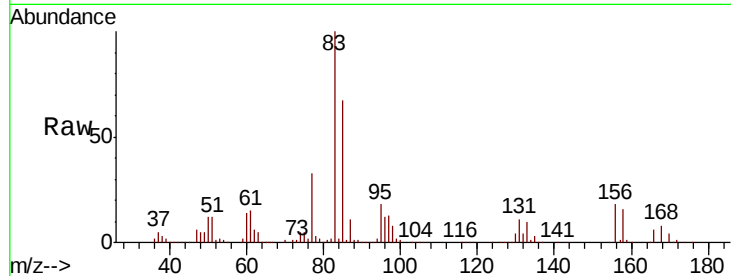
Tot Ion: 83 Resp: 644213

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

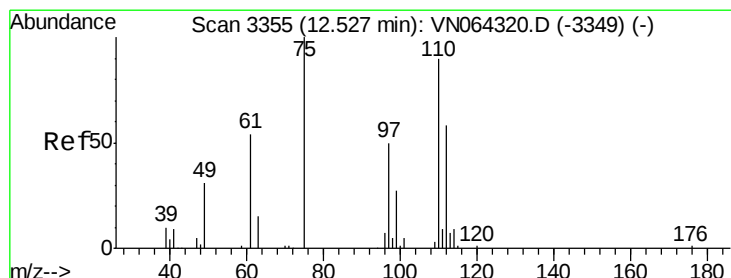
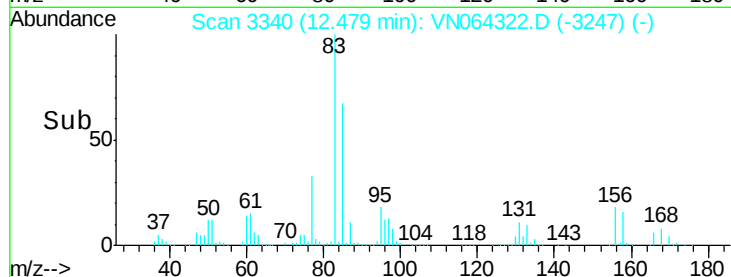
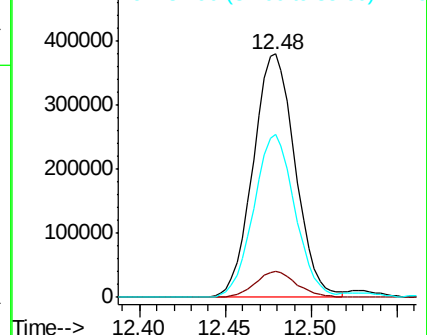
85 65.8 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064322.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064322.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064322.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 224.187 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064322.D

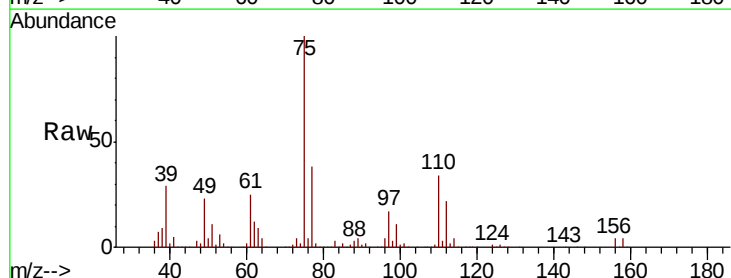
Acq: 27 Oct 2020 12:04

Tgt Ion: 75 Resp: 986418

Ion Ratio Lower Upper

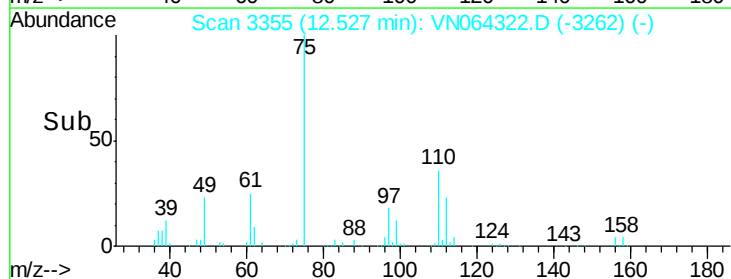
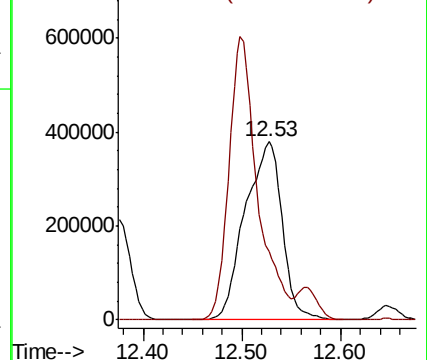
75 100

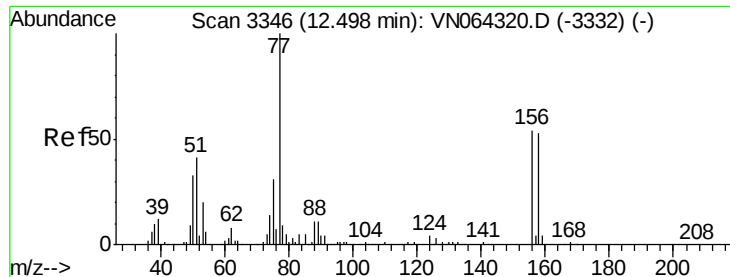
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064322.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064322.D (-3262) (-)





#77

Bromobenzene

Concen: 152.816 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

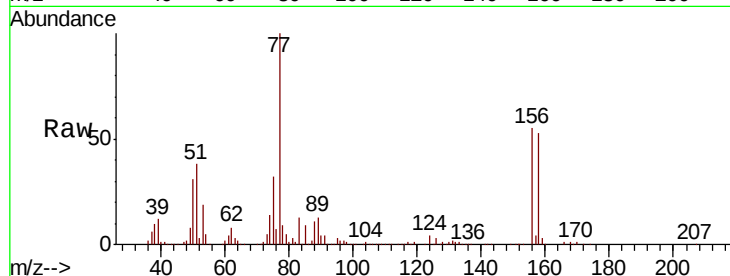
Tot Ion:156 Resp: 558282

Ion Ratio Lower Upper

156 100

77 219.7 111.9 335.7

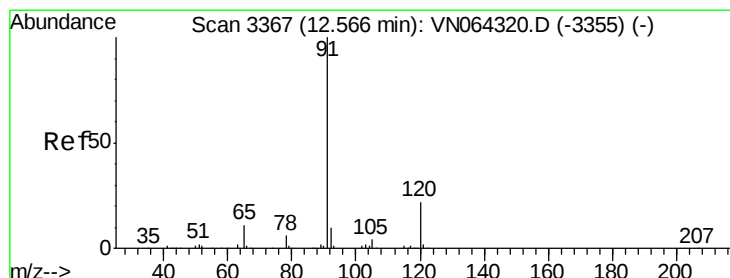
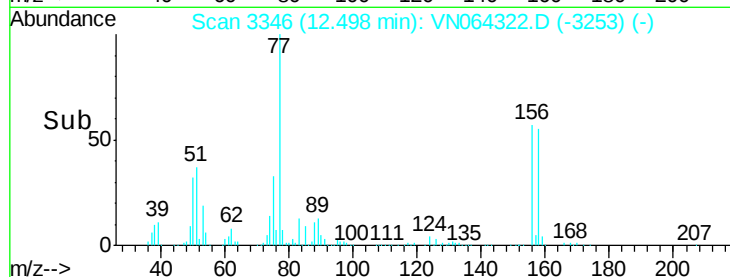
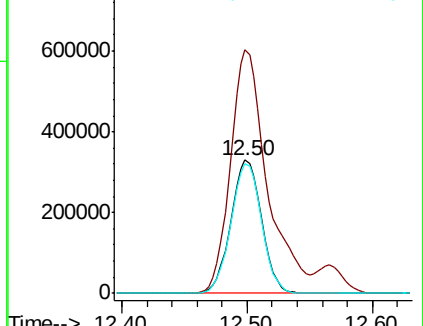
158 97.4 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 148.296 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064322.D

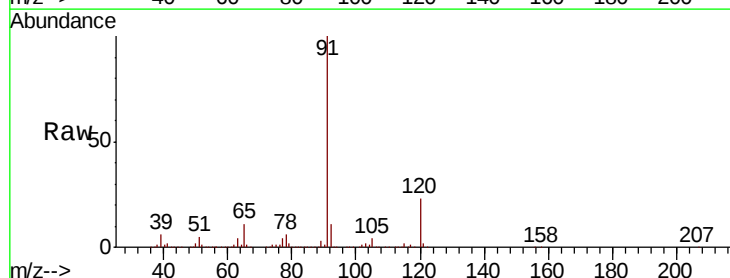
Acq: 27 Oct 2020 12:04

Tgt Ion: 91 Resp: 2576831

Ion Ratio Lower Upper

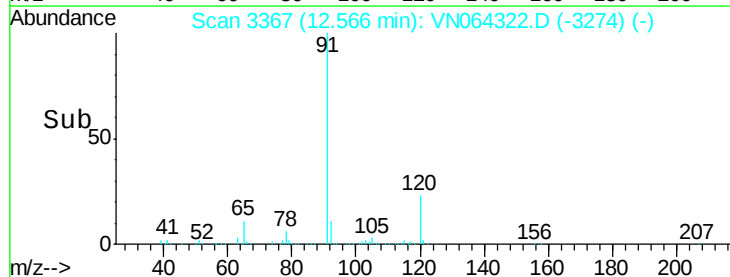
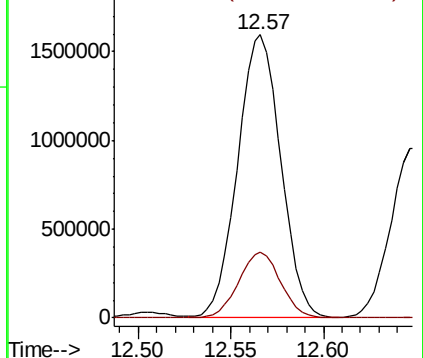
91 100

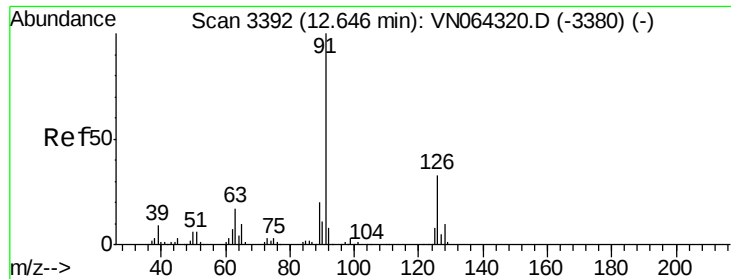
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

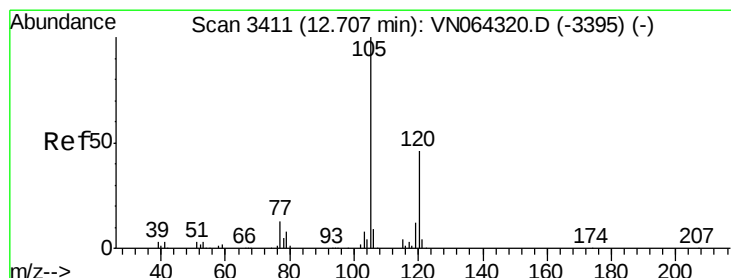
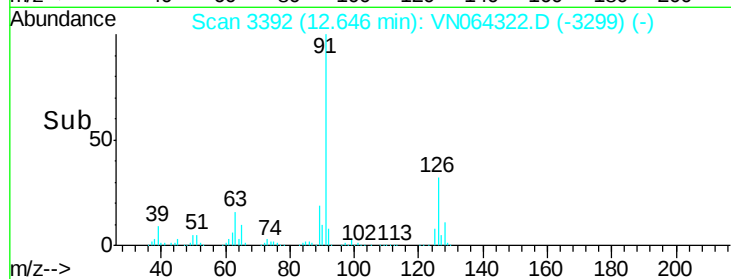
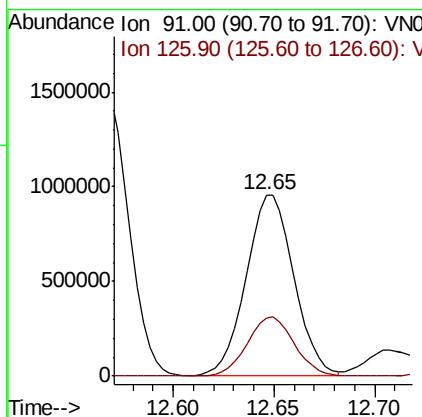
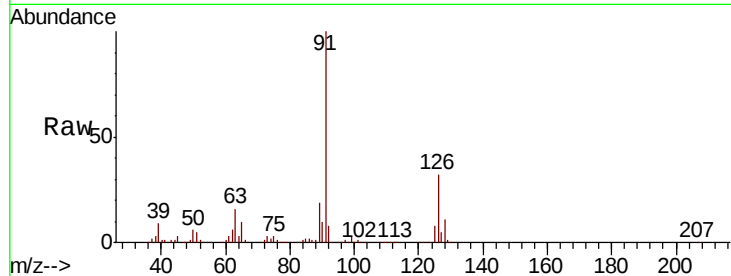




#79
 2-Chlorotoluene
 Concen: 148.722 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

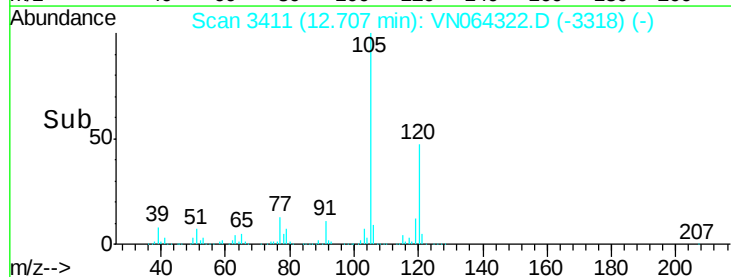
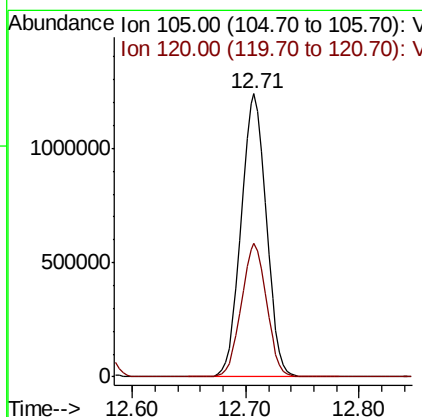
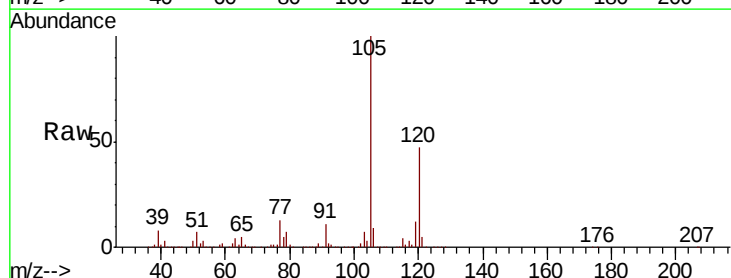
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

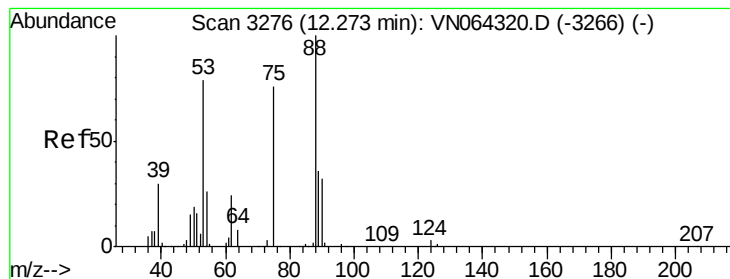
Tot Ion: 91 Resp: 1587850
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 147.747 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion: 105 Resp: 1920986
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 159.970 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

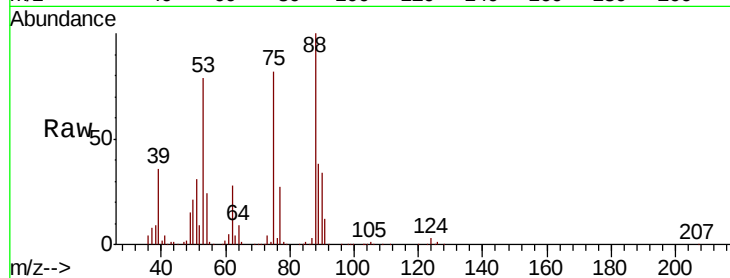
Tot Ion: 75 Resp: 272878

Ion Ratio Lower Upper

75 100

53 98.5 81.8 122.8

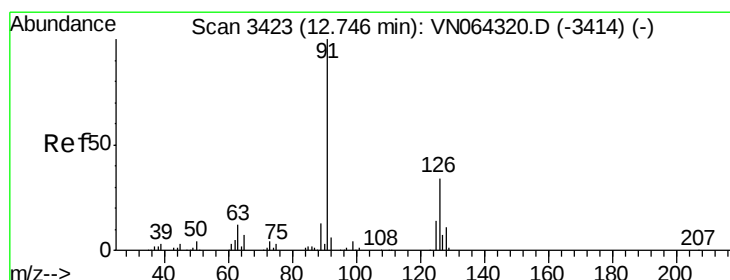
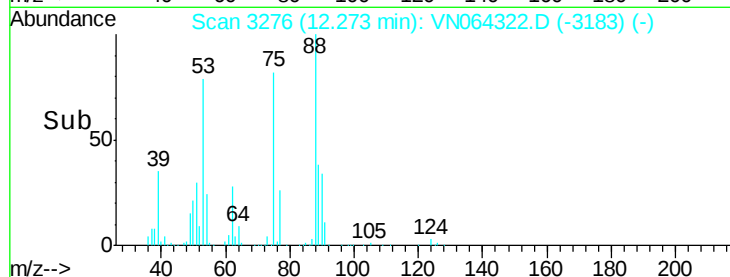
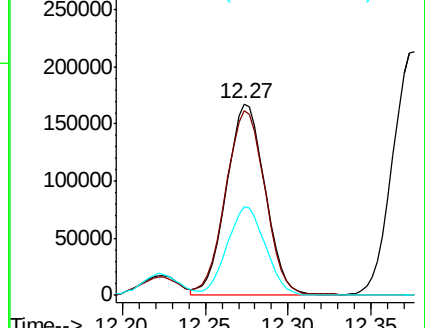
89 45.8 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VN064322.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064322.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064322.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 150.459 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064322.D

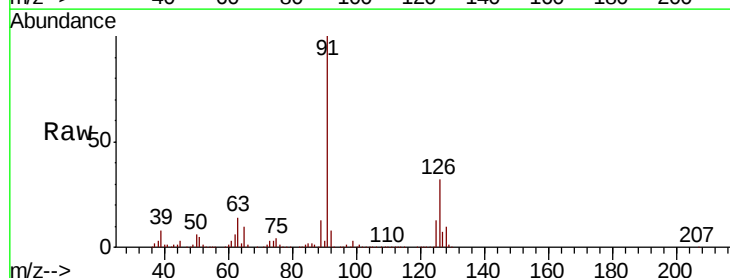
Acq: 27 Oct 2020 12:04

Tgt Ion: 91 Resp: 1674239

Ion Ratio Lower Upper

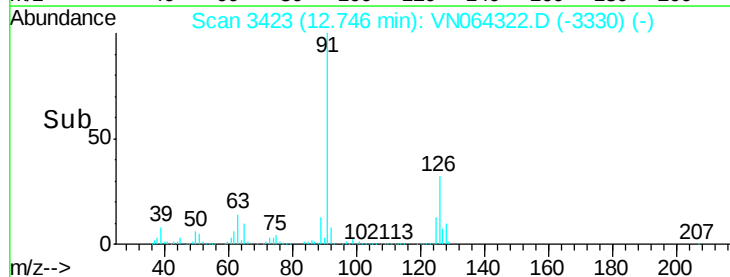
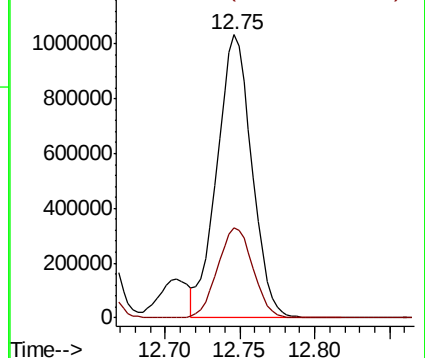
91 100

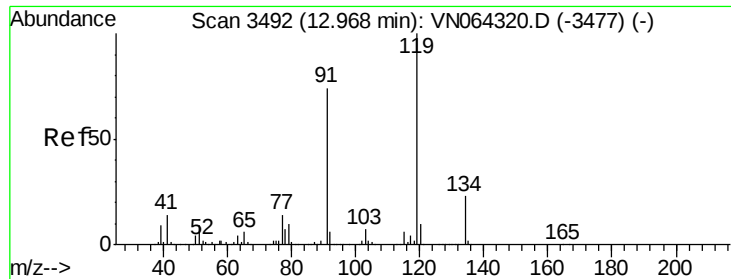
126 32.3 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN064322.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064322.D (-3330) (-)

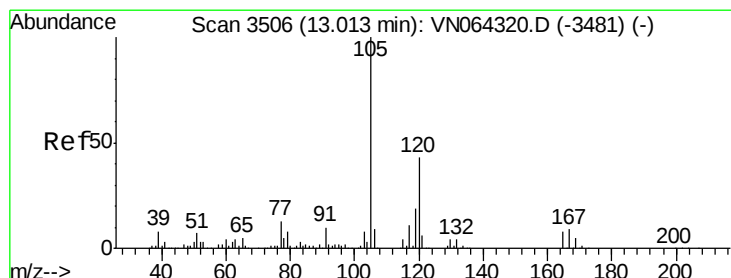
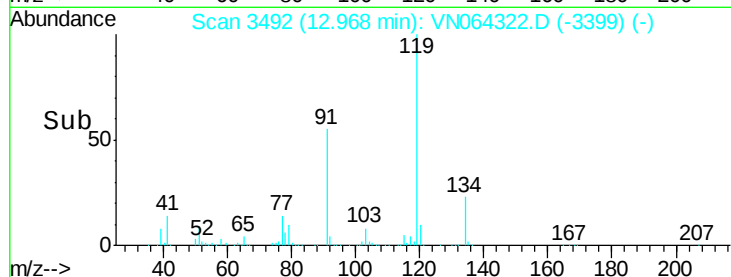
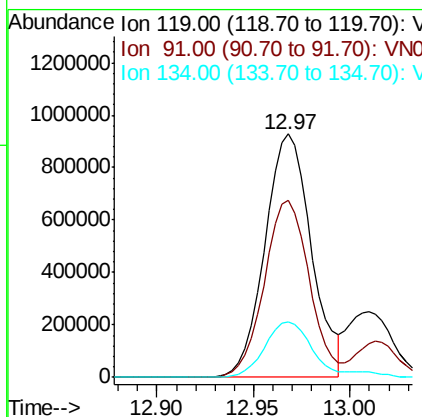
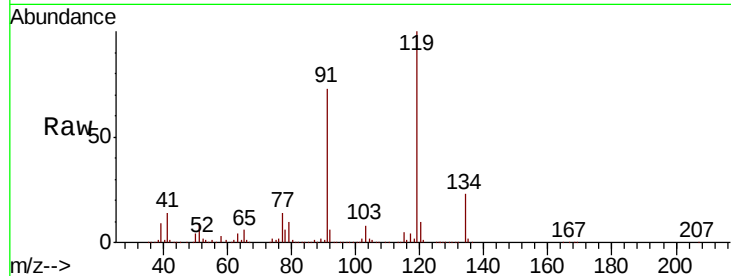




#83
 tert-Butylbenzene
 Concen: 145.454 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

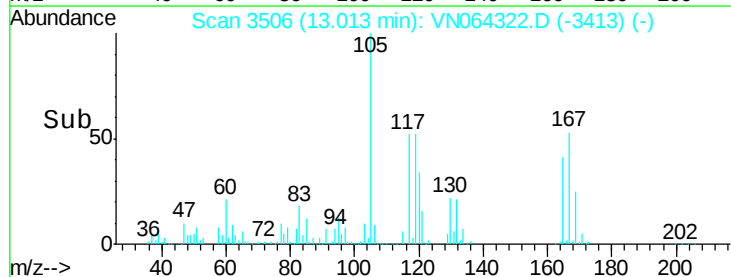
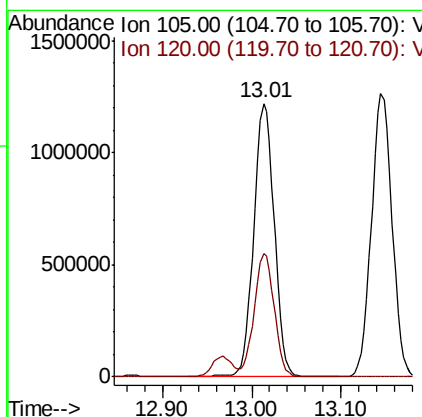
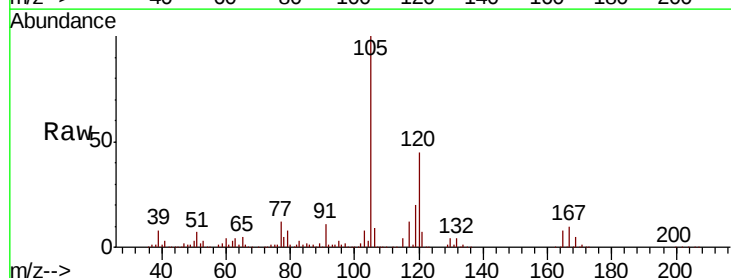
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

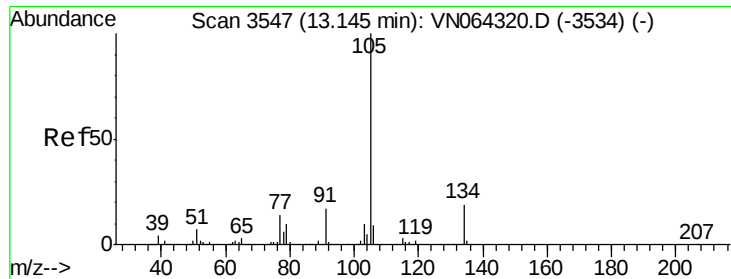
Tot Ion:119 Resp: 1549121
 Ion Ratio Lower Upper
 119 100
 91 70.8 36.4 109.1
 134 22.8 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 150.401 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion:105 Resp: 1950089
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.3 64.0





#85

sec-Butylbenzene

Concen: 150.817 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

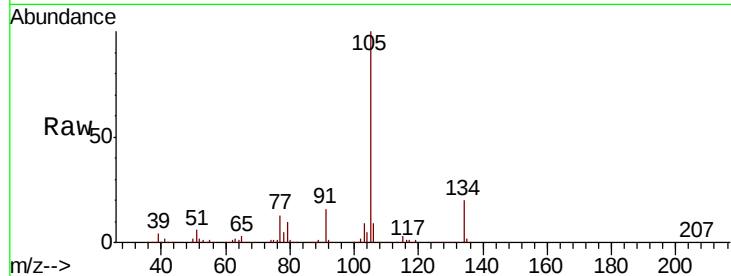
VSTDIC150

Tot Ion:105 Resp: 2024505

Ion Ratio Lower Upper

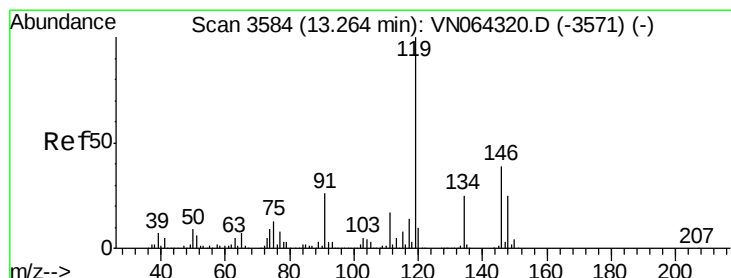
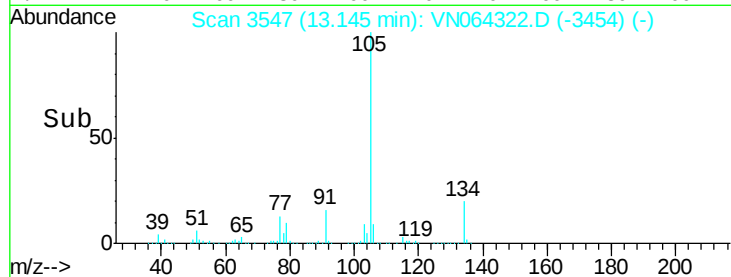
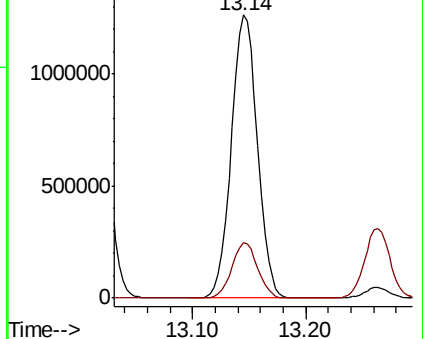
105 100

134 19.5 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 152.445 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

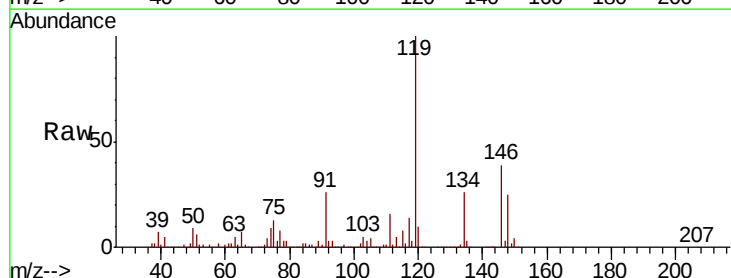
Tgt Ion:119 Resp: 1865895

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

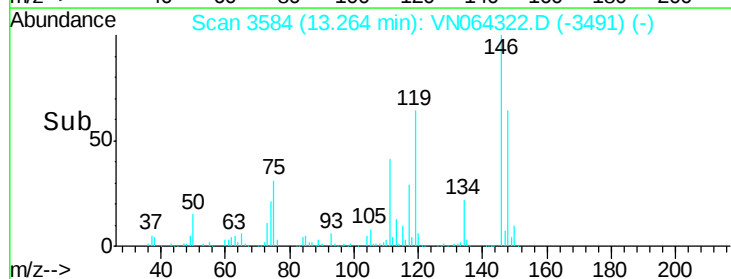
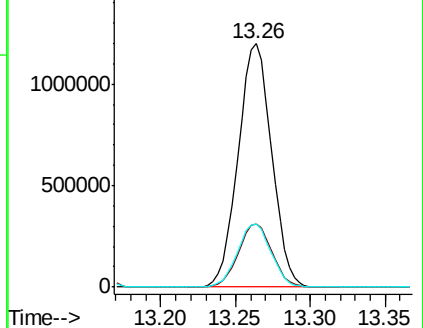
91 26.0 13.0 38.9

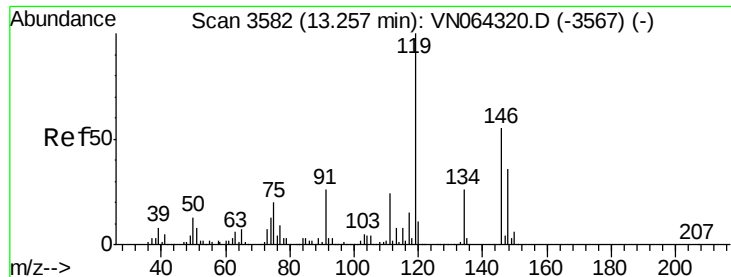


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

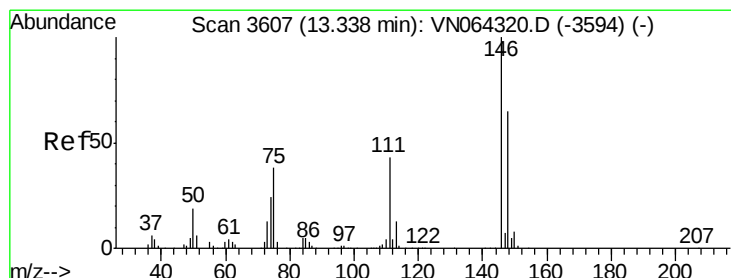
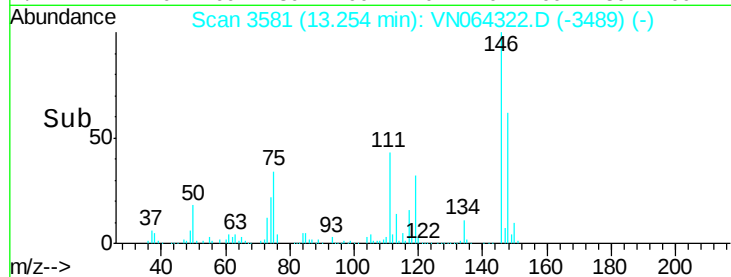
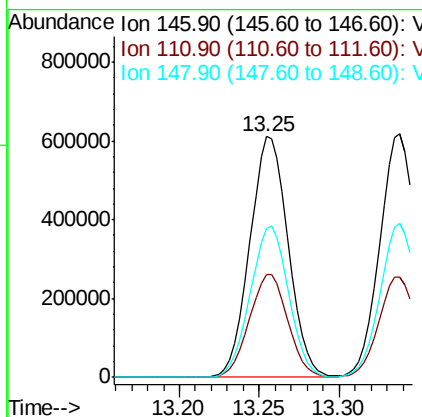
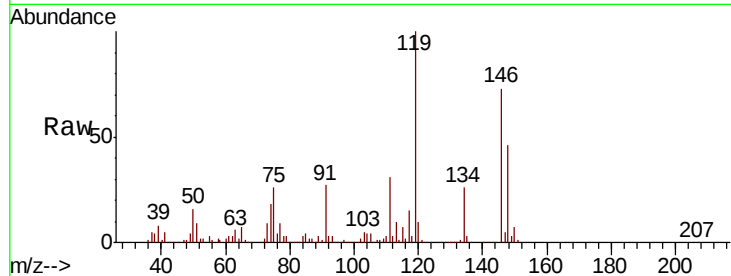




#87
 1,3-Dichlorobenzene
 Concen: 155.175 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

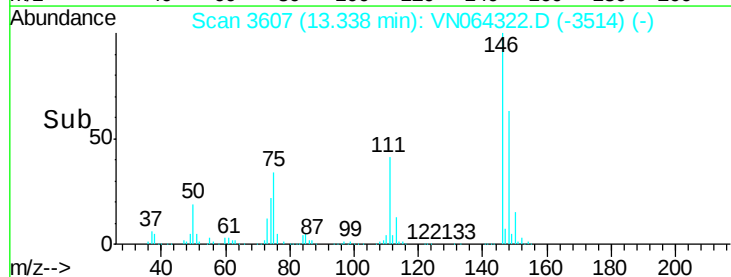
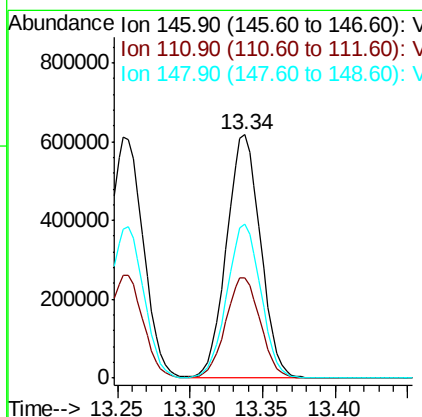
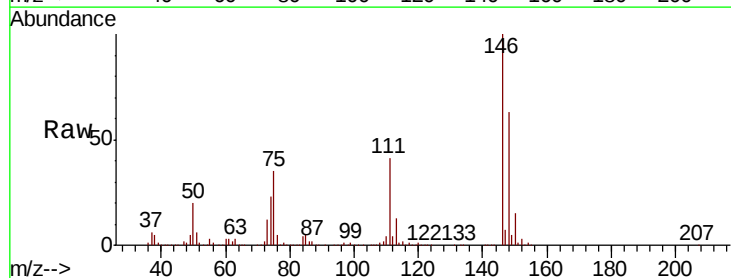
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

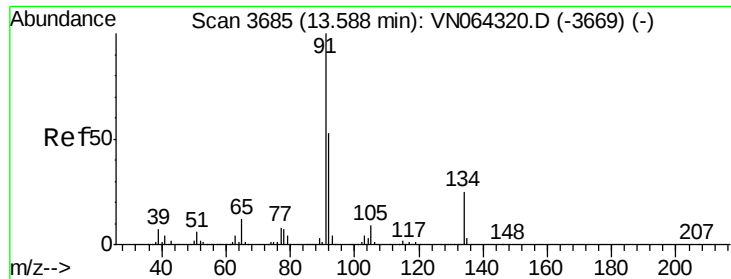
Tot Ion:146 Resp: 1004313
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.9 65.5
 148 62.8 32.6 98.0



#88
 1,4-Dichlorobenzene
 Concen: 151.419 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion:146 Resp: 1000736
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.8 65.4
 148 63.2 31.8 95.3





#89

n-Butylbenzene

Concen: 150.348 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

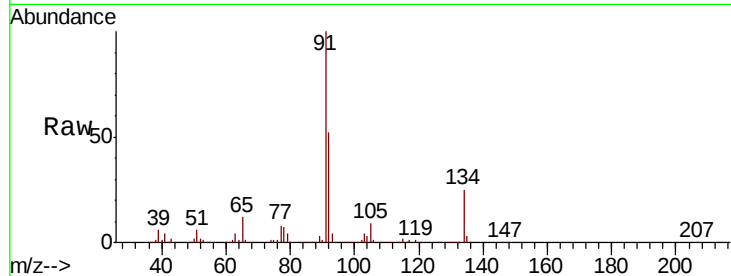
Tot Ion: 91 Resp: 1638015

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

134 25.1 12.4 37.4

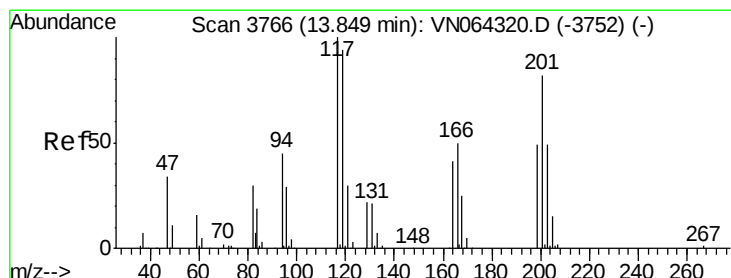
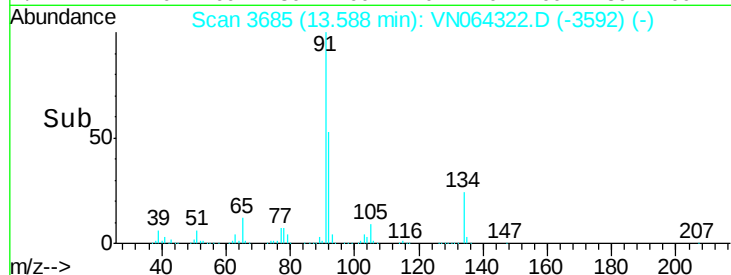


Abundance Ion 91.00 (90.70 to 91.70): VN064322.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN064322.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN064322.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 159.074 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064322.D

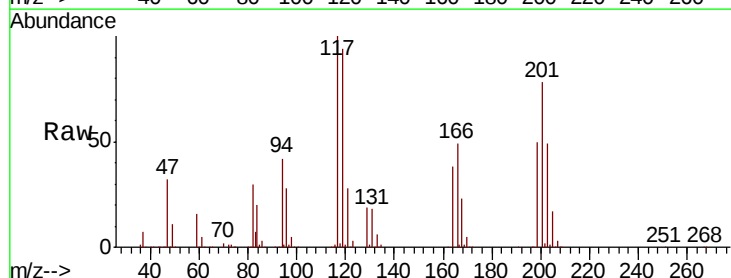
Acq: 27 Oct 2020 12:04

Tgt Ion: 117 Resp: 359005

Ion Ratio Lower Upper

117 100

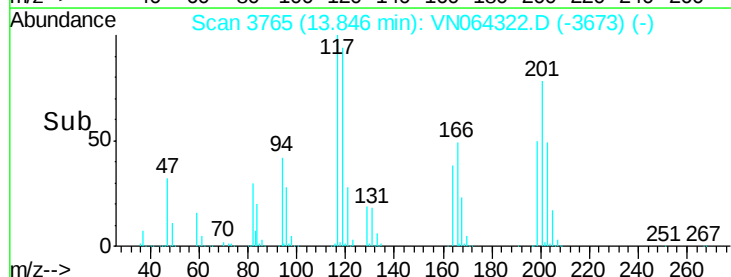
201 80.9 39.8 119.3

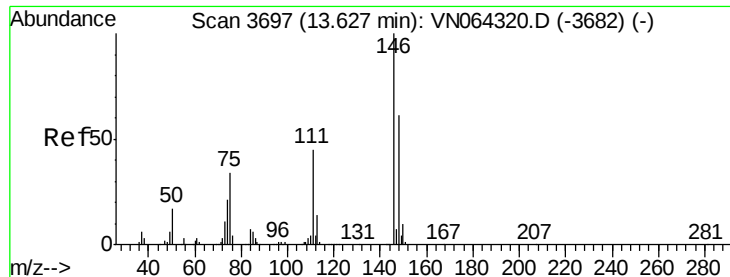


Abundance Ion 116.80 (116.50 to 117.50): VN064322.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064322.D (-3752) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 152.205 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

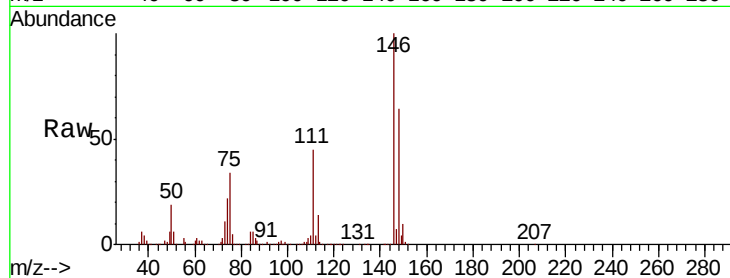
Tot Ion:146 Resp: 964391

Ion Ratio Lower Upper

146 100

111 44.6 23.0 69.0

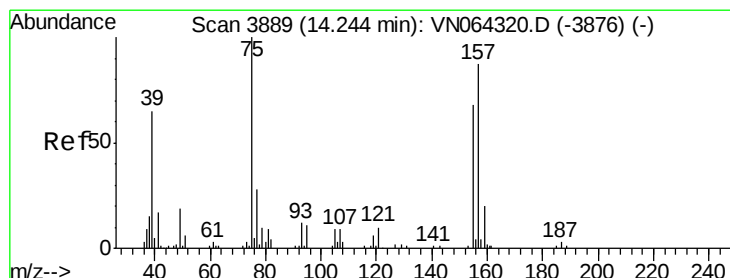
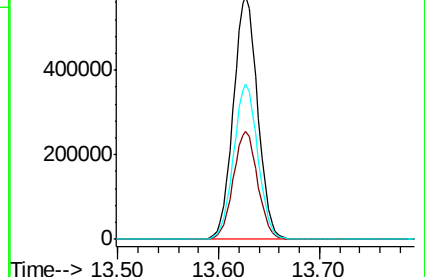
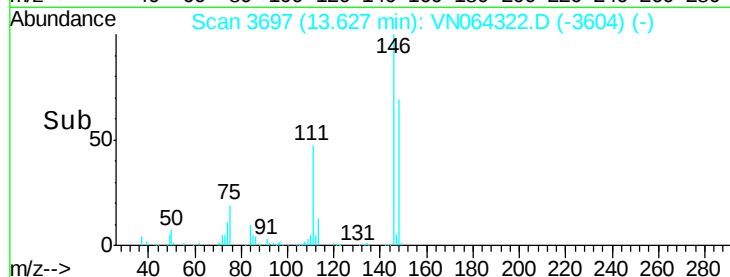
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.604 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

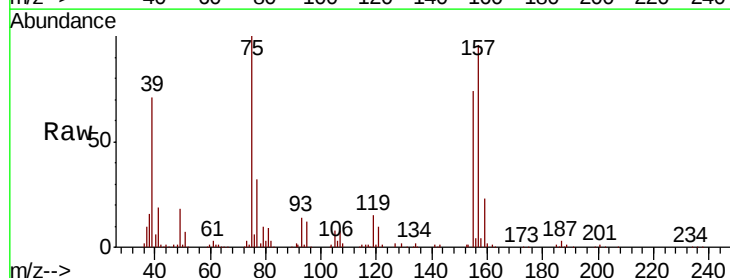
Tgt Ion: 75 Resp: 172818

Ion Ratio Lower Upper

75 100

155 75.6 35.1 105.5

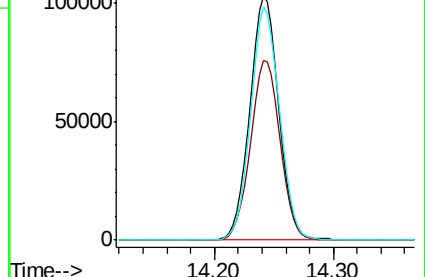
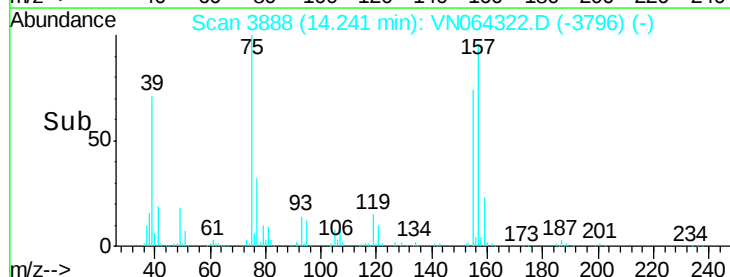
157 95.4 43.2 129.6

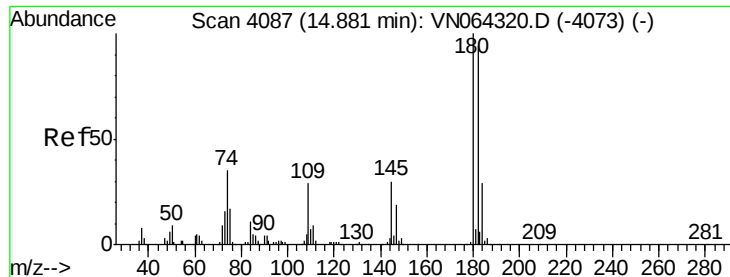


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

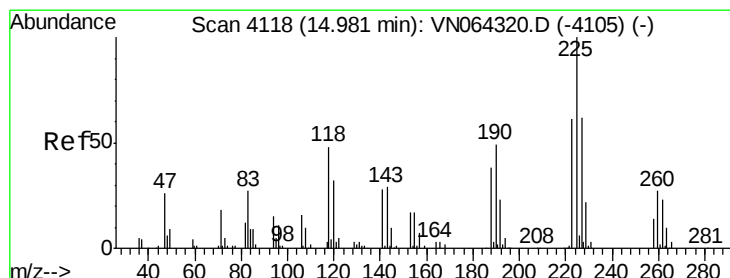
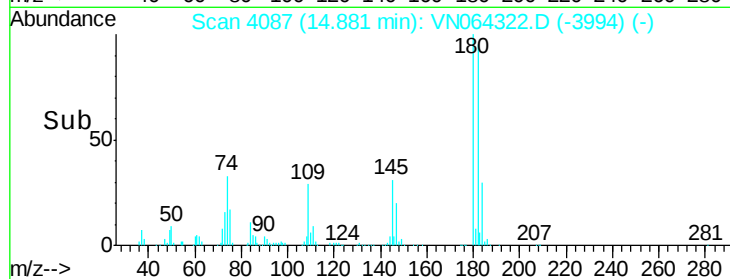
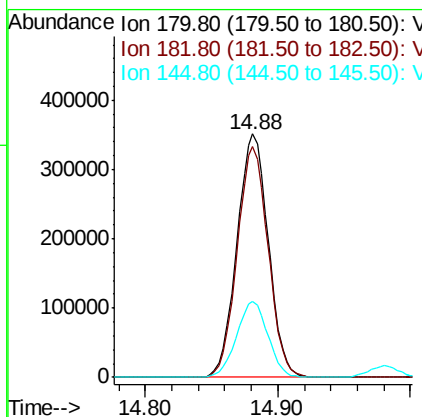
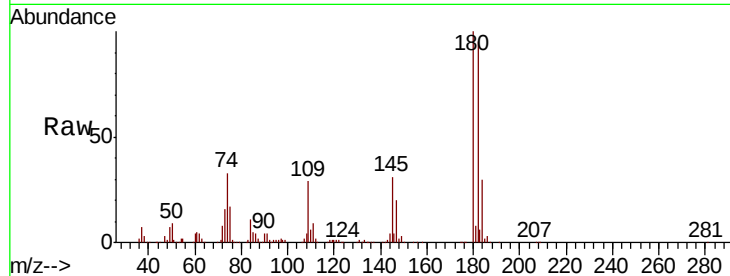




#93
 1,2,4-Trichlorobenzene
 Concen: 163.261 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

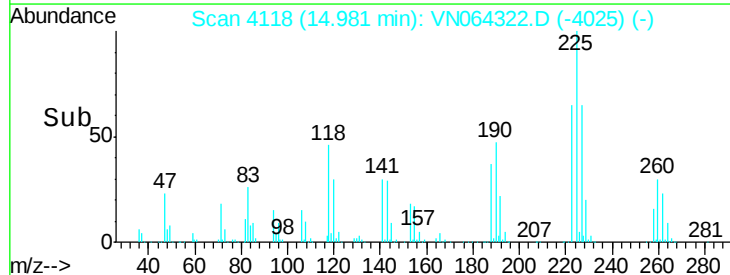
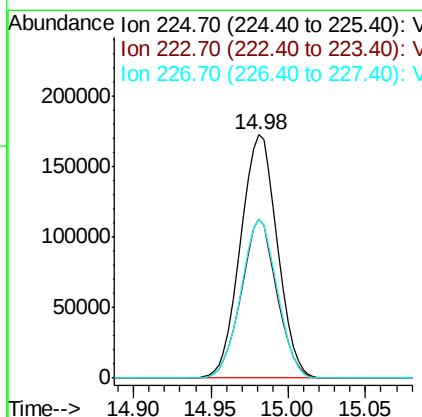
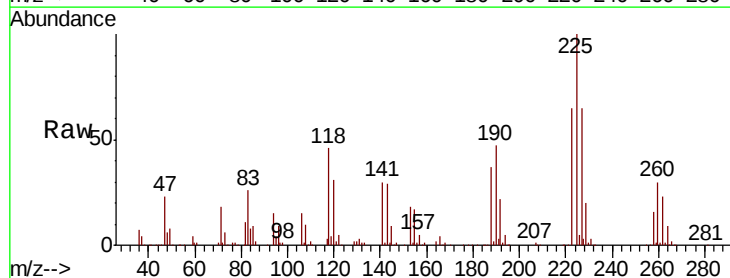
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

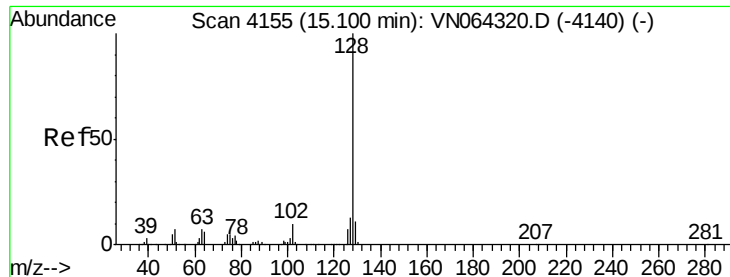
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.6	139.7
145	31.3	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 149.565 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064322.D
 Acq: 27 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.3	93.8
227	64.2	32.3	96.9





#95

Naphthalene

Concen: 168.761 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Instrument :

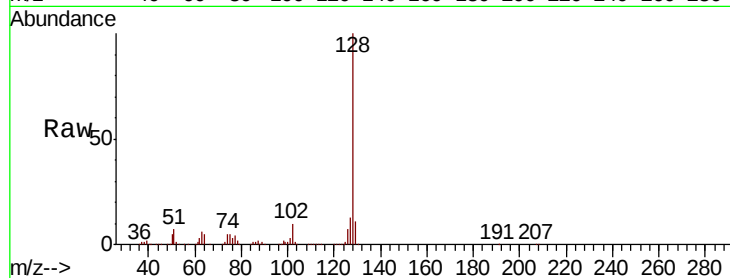
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1787457

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.7	8.6	13.0

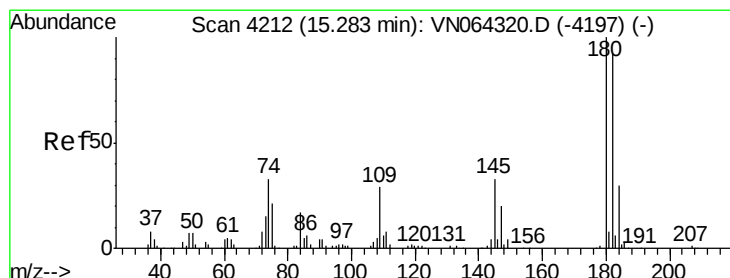
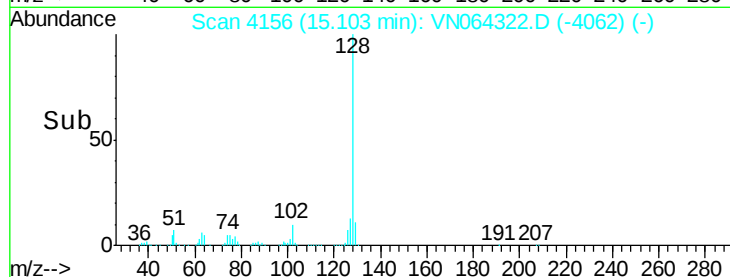
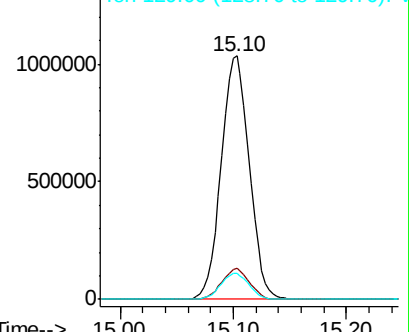


Abundance

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: 159.522 ug/l

RT: 15.28 min Scan# 4212

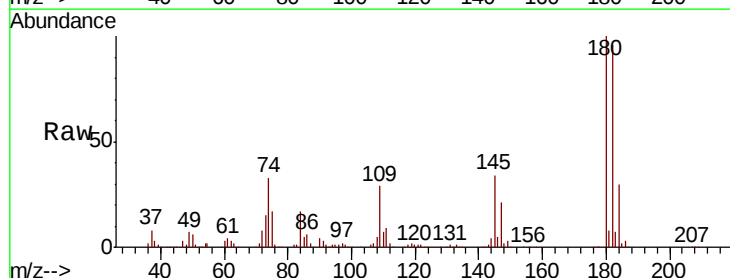
Delta R.T. 0.00 min

Lab File: VN064322.D

Acq: 27 Oct 2020 12:04

Tgt Ion:180 Resp: 557324

Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.1	138.3
145	33.9	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

