

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064317.D
 Acq On : 27 Oct 2020 9:56
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 27 11:41:50 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	254807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161250	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	4168	1.09	ug/l	0.00
Spiked Amount			Recovery	=	2.18%	
35) Dibromofluoromethane	7.54	113	2951	1.07	ug/l	0.00
Spiked Amount			Recovery	=	2.14%	
50) Toluene-d8	10.05	98	8681	0.87	ug/l	0.00
Spiked Amount			Recovery	=	1.74%	
62) 4-Bromofluorobenzene	12.37	95	3219	0.80	ug/l	0.00
Spiked Amount			Recovery	=	1.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	3270	1.181	ug/l	91
3) Chloromethane	2.03	50	3710	1.266	ug/l	93
4) Vinyl Chloride	2.16	62	3290	1.124	ug/l	97
5) Bromomethane	2.54	94	2471	1.291	ug/l	97
6) Chloroethane	2.67	64	2097	1.182	ug/l #	73
7) Trichlorofluoromethane	2.97	101	5473	1.136	ug/l #	79
8) Diethyl Ether	3.37	74	1652	1.038	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1815	0.730	ug/l #	53
10) Methyl Iodide	3.91	142	3188	0.907	ug/l #	76
11) Tert butyl alcohol	4.71	59	1625	3.080	ug/l #	80
12) 1,1-Dichloroethene	3.70	96	1979	0.827	ug/l #	60
13) Acrolein	3.58	56	905	3.212	ug/l #	24
14) Allyl chloride	4.28	41	5366	1.123	ug/l #	94
15) Acrylonitrile	4.92	53	1889	1.723	ug/l #	42
16) Acetone	3.77	43	5049	4.419	ug/l #	85
17) Carbon Disulfide	4.01	76	8069	1.184	ug/l #	93
18) Methyl Acetate	4.26	43	1015	0.359	ug/l #	63
19) Methyl tert-butyl Ether	4.98	73	4480	0.533	ug/l #	73
20) Methylene Chloride	4.50	84	3136	1.081	ug/l	92
21) trans-1,2-Dichloroethene	4.98	96	1497	0.568	ug/l	87
22) Diisopropyl ether	5.90	45	9711	1.074	ug/l #	93
23) Vinyl Acetate	5.84	43	33096	4.126	ug/l #	94
24) 1,1-Dichloroethane	5.80	63	2882	0.556	ug/l #	83
25) 2-Butanone	6.79	43	10525	5.897	ug/l #	80
26) 2,2-Dichloropropane	6.77	77	5821	1.129	ug/l #	70
27) cis-1,2-Dichloroethene	6.78	96	2287	0.742	ug/l	43
28) Bromochloromethane	7.14	49	1747	0.708	ug/l #	95
29) Tetrahydrofuran	7.17	42	6944	6.412	ug/l #	82
30) Chloroform	7.33	83	6290	1.136	ug/l	98
31) Cyclohexane	7.62	56	10758	2.354	ug/l #	51
32) 1,1,1-Trichloroethane	7.52	97	6246	1.206	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	4326	1.048	ug/l #	84
37) Ethyl Acetate	6.88	43	1112	0.290	ug/l #	77
38) Carbon Tetrachloride	7.72	117	2599	0.550	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	4167	1.099	ug/l	93
40) Benzene	8.00	78	12391	1.087	ug/l #	87
41) Methacrylonitrile	7.12	41	2051	1.024	ug/l #	30
42) 1,2-Dichloroethane	8.08	62	5098	1.037	ug/l	94
43) Isopropyl Acetate	8.13	43	6892	0.977	ug/l	92
44) Trichloroethene	8.79	130	2834	0.911	ug/l	94
45) 1,2-Dichloropropane	9.08	63	3347	1.102	ug/l #	82
46) Dibromomethane	9.17	93	2200	1.070	ug/l #	85
47) Bromodichloromethane	9.36	83	5603	1.237	ug/l #	96
48) Methyl methacrylate	9.16	41	3986	1.088	ug/l	94
49) 1,4-Dioxane	9.17	88	878	19.508	ug/l #	48
51) 4-Methyl-2-Pentanone	9.95	43	20488	5.373	ug/l	95
52) Toluene	10.12	92	7659	1.052	ug/l	87
53) t-1,3-Dichloropropene	10.36	75	4952	0.989	ug/l	91
54) cis-1,3-Dichloropropene	9.80	75	5174	0.978	ug/l #	86
55) 1,1,2-Trichloroethane	10.53	97	3024	1.095	ug/l #	91
56) Ethyl methacrylate	10.40	69	3954	0.925	ug/l #	77
57) 1,3-Dichloropropane	10.68	76	4716	0.982	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.66	63	13824	6.302	ug/l	95
59) 2-Hexanone	10.72	43	14015	5.016	ug/l	93
60) Dibromochloromethane	10.87	129	3175	0.889	ug/l	92
61) 1,2-Dibromoethane	10.97	107	2411	0.825	ug/l #	79
64) Tetrachloroethene	10.60	164	3311	1.120	ug/l	90
65) Chlorobenzene	11.40	112	7298	0.967	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.48	131	3400	1.135	ug/l #	52
67) Ethyl Benzene	11.48	91	13822	0.994	ug/l #	85
68) m/p-Xylenes	11.60	106	10162	1.972	ug/l	97
69) o-Xylene	11.92	106	4914	0.992	ug/l	99
70) Styrene	11.94	104	6907	0.829	ug/l #	86
71) Bromoform	12.10	173	2107	0.908	ug/l #	87
73) Isopropylbenzene	12.22	105	12888	1.054	ug/l	99
74) N-amyl acetate	12.05	43	4626	0.869	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	3869	1.176	ug/l #	25
76) 1,2,3-Trichloropropane	12.53	75	6117	1.746	ug/l #	100
77) Bromobenzene	12.49	156	3075	1.057	ug/l	97
78) n-propylbenzene	12.57	91	13782	0.996	ug/l	99
79) 2-Chlorotoluene	12.65	91	9826	1.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	10467	1.011	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.28	75	1059	0.780	ug/l	87
82) 4-Chlorotoluene	12.75	91	9401	1.061	ug/l	100
83) tert-Butylbenzene	12.96	119	8812	1.039	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	9981	0.967	ug/l	100
85) sec-Butylbenzene	13.14	105	11789	1.103	ug/l	93
86) p-Isopropyltoluene	13.26	119	9635	0.989	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	5067	0.983	ug/l	94
88) 1,4-Dichlorobenzene	13.25	146	5067	0.963	ug/l	96
89) n-Butylbenzene	13.59	91	8781	1.012	ug/l	95
90) Hexachloroethane	13.85	117	1682	0.936	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	5898	1.169	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.24	75	837	1.013	ug/l #	50

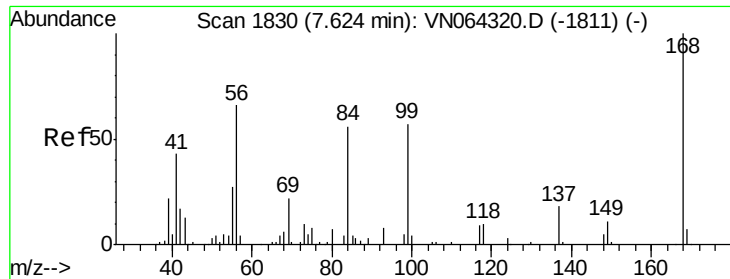
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1730	0.616	ug/l	81
94) Hexachlorobutadiene	14.98	225	1972	1.296	ug/l	90
95) Naphthalene	15.11	128	6267	0.743	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.28	180	1930	0.694	ug/l	79

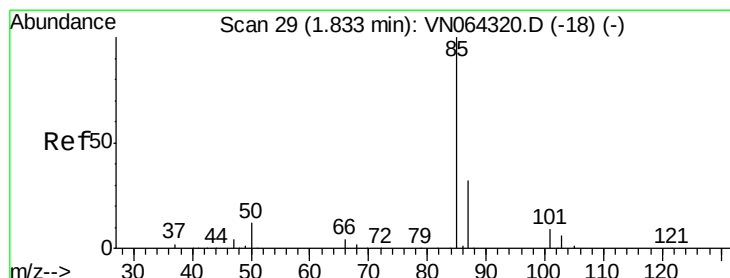
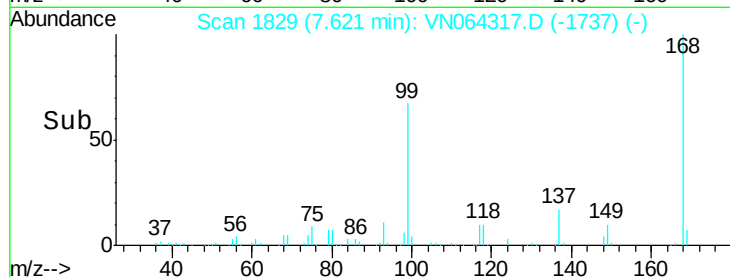
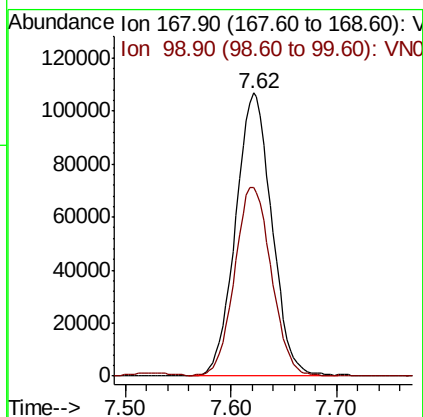
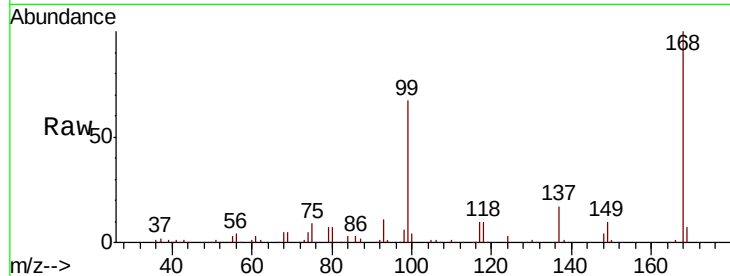
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN064317.D
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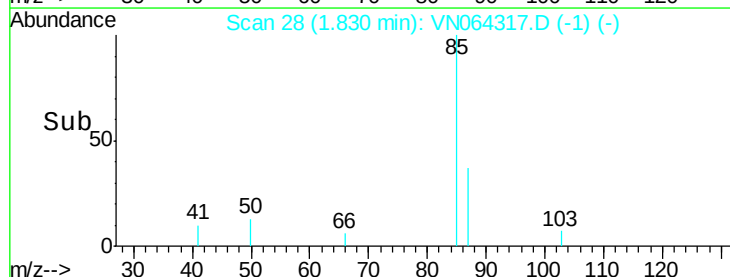
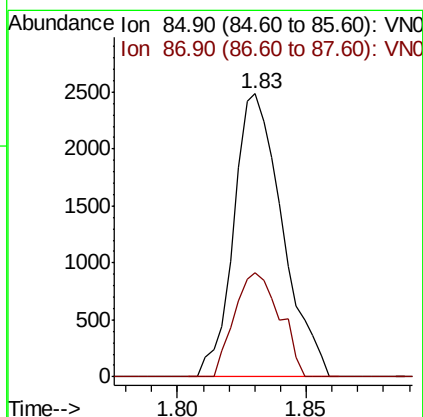
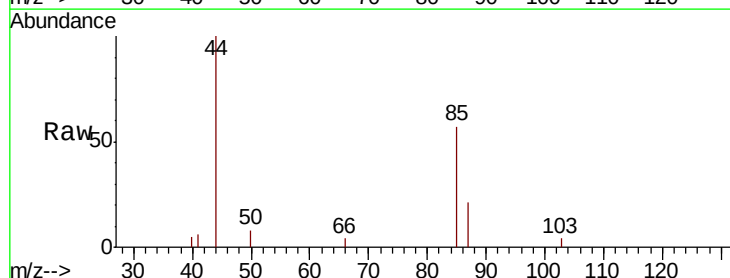
Instrument :
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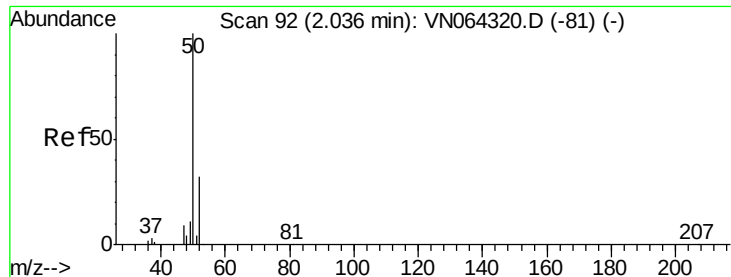
Tot Ion:168 Resp: 254807
Ion Ratio Lower Upper
168 100
99 66.4 52.7 79.1



#2
Dichlorodifluoromethane
Concen: 1.181 ug/l
RT: 1.83 min Scan# 28
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 85 Resp: 3270
Ion Ratio Lower Upper
85 100
87 36.6 16.0 47.9





#3

Chloromethane

Concen: 1.266 ug/l

RT: 2.03 min Scan# 90

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

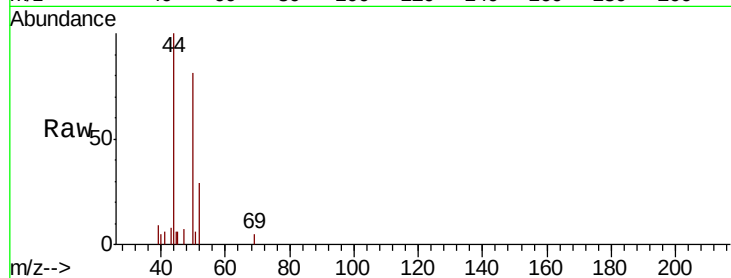
VSTDIC001

Tot Ion: 50 Resp: 3710

Ion Ratio Lower Upper

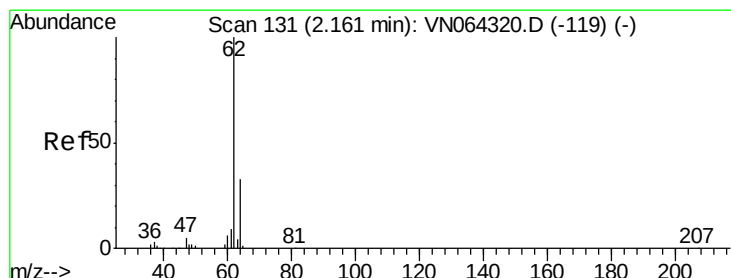
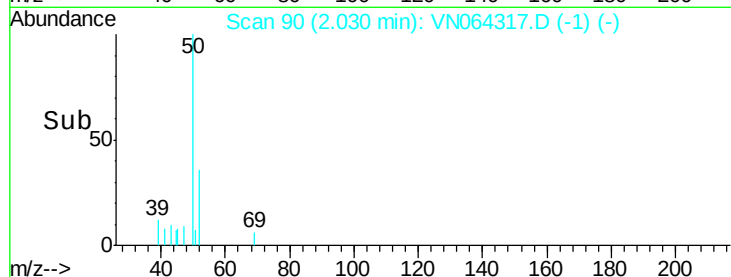
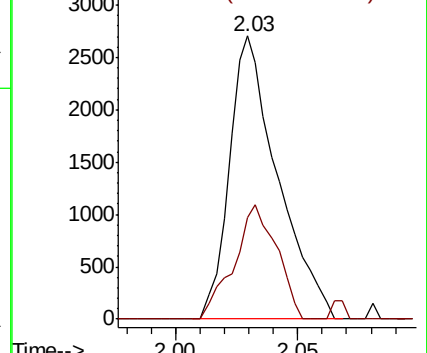
50 100

52 35.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.124 ug/l

RT: 2.16 min Scan# 131

Delta R.T. 0.00 min

Lab File: VN064317.D

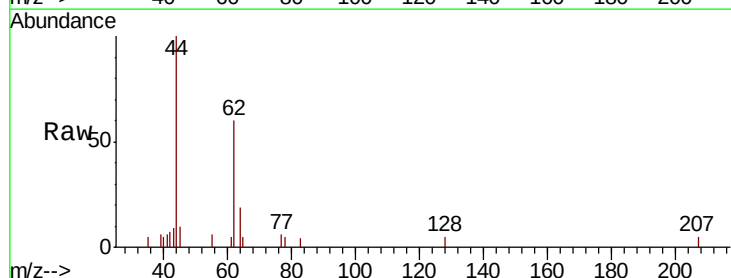
Acq: 27 Oct 2020 9:56

Tgt Ion: 62 Resp: 3290

Ion Ratio Lower Upper

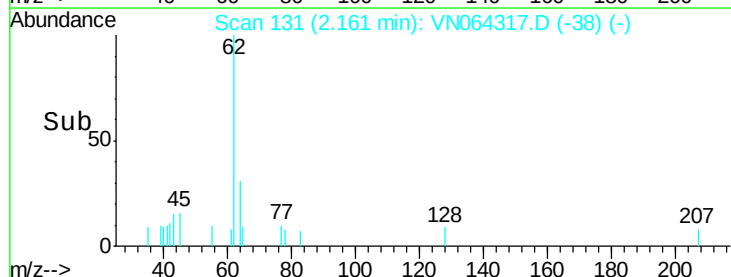
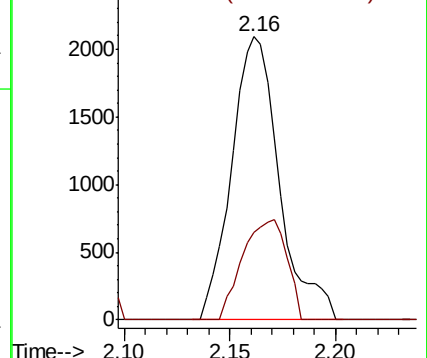
62 100

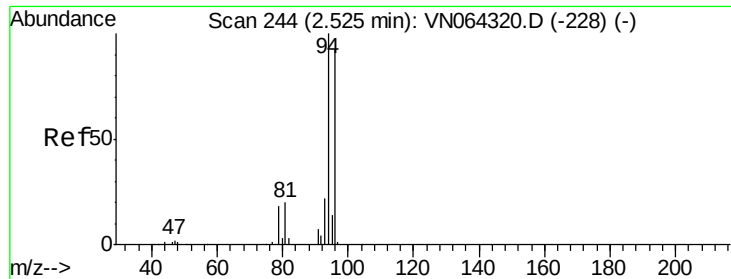
64 30.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.291 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

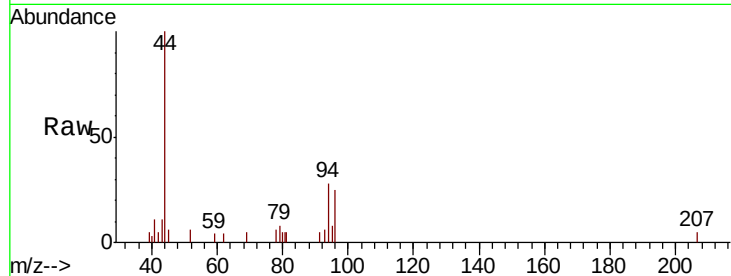
VSTDIC001

Tot Ion: 94 Resp: 2471

Ion Ratio Lower Upper

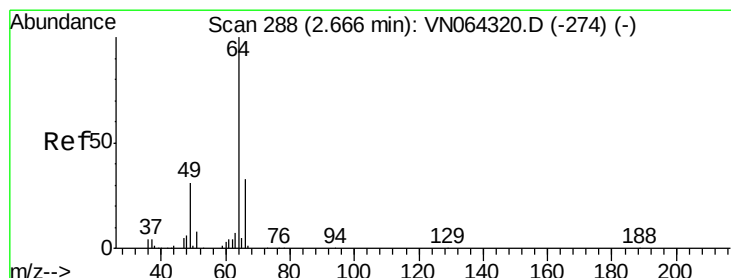
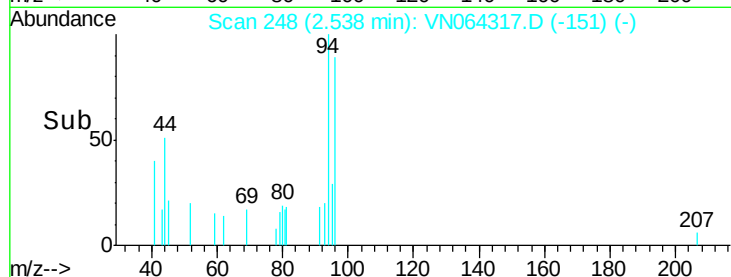
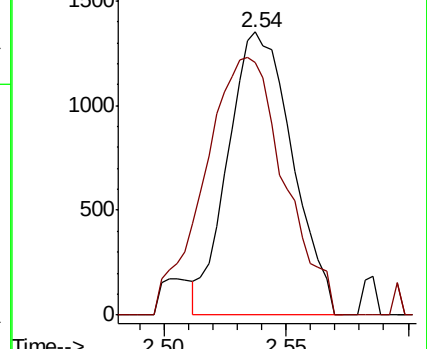
94 100

96 89.3 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: 1.182 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064317.D

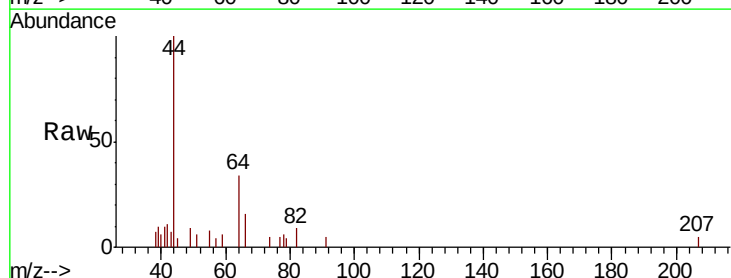
Acq: 27 Oct 2020 9:56

Tgt Ion: 64 Resp: 2097

Ion Ratio Lower Upper

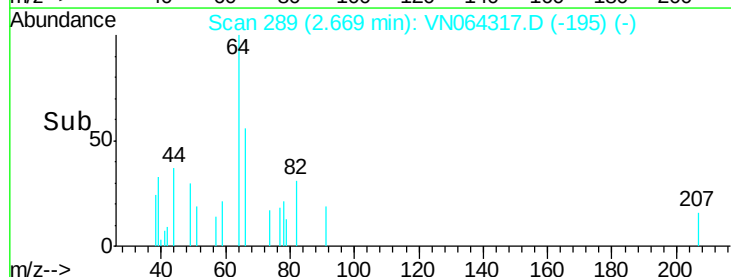
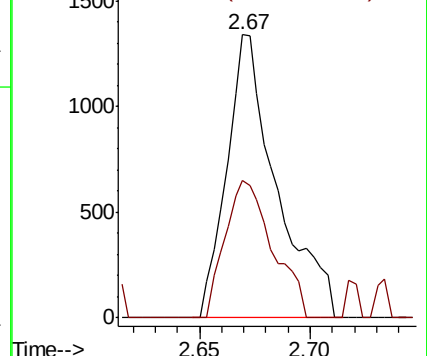
64 100

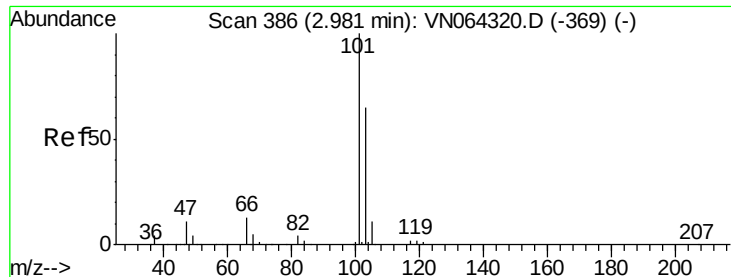
66 48.6 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 1.136 ug/l

RT: 2.97 min Scan# 384

Delta R.T. -0.01 min

Lab File: VN064317.D

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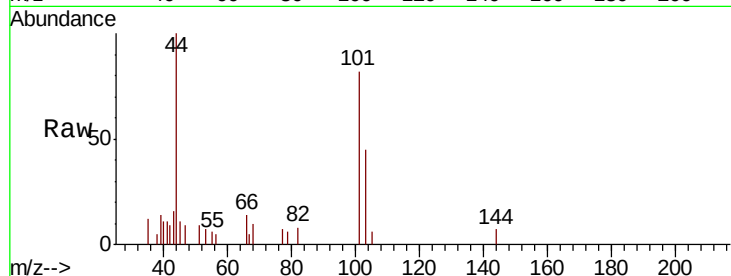
VSTDIC001

Tot Ion:101 Resp: 5473

Ion Ratio Lower Upper

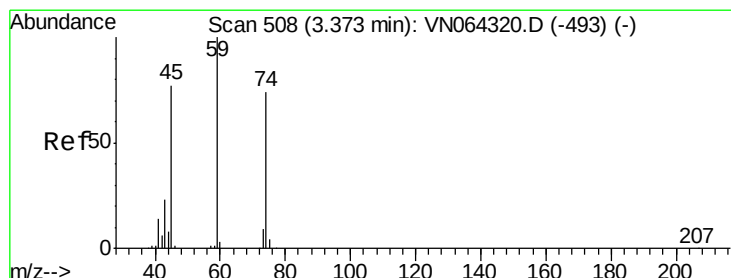
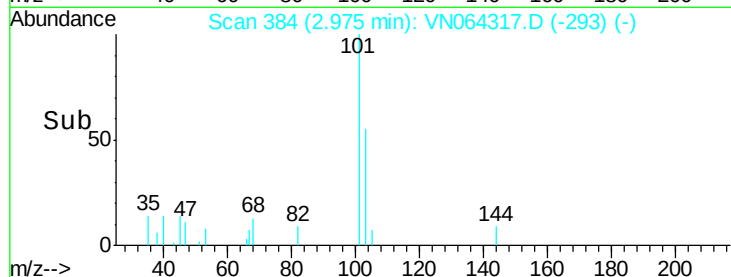
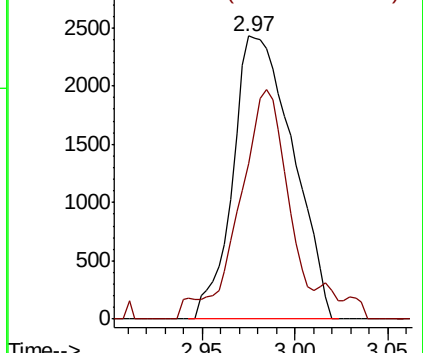
101 100

103 48.4 51.7 77.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.038 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064317.D

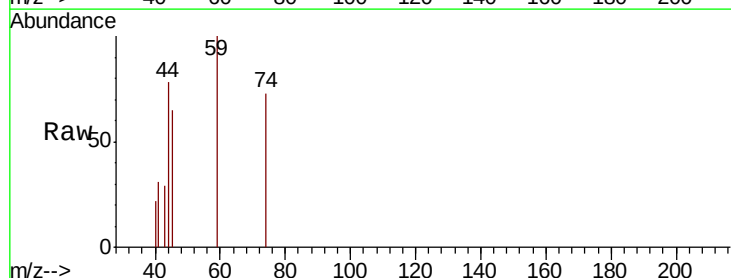
Acq: 27 Oct 2020 9:56

Tgt Ion: 74 Resp: 1652

Ion Ratio Lower Upper

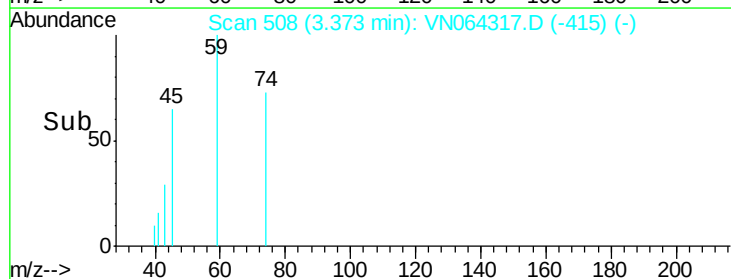
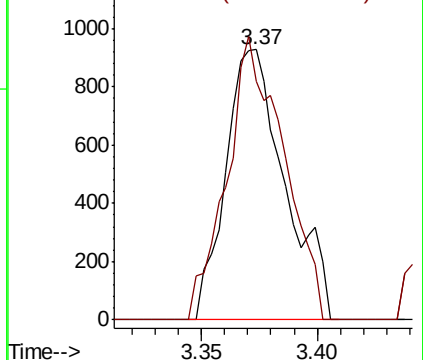
74 100

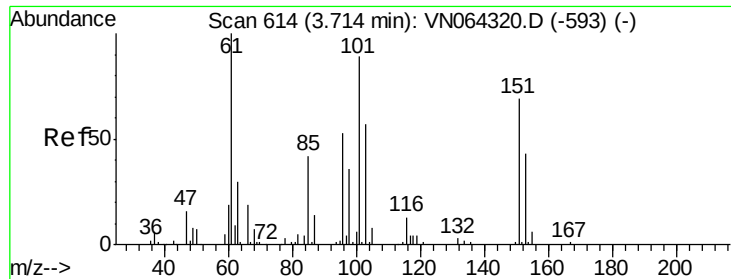
45 100.3 51.3 154.0



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.730 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

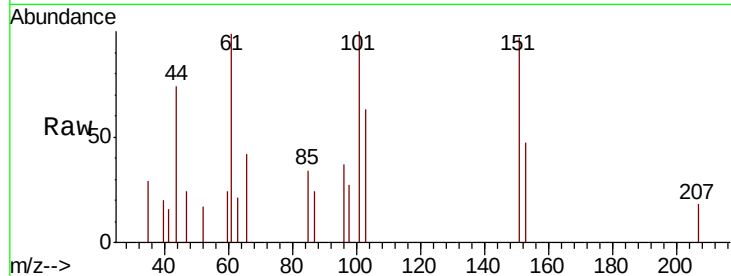
Tot Ion:101 Resp: 1815

Ion Ratio Lower Upper

101 100

85 16.4 38.4 57.6#

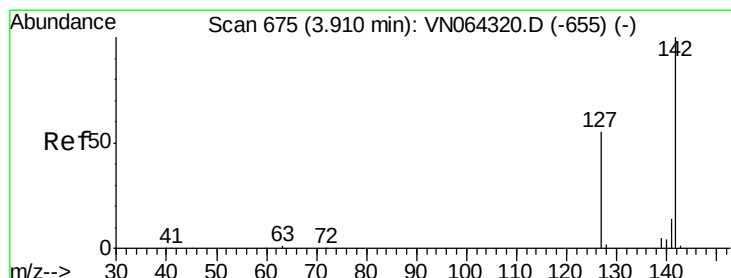
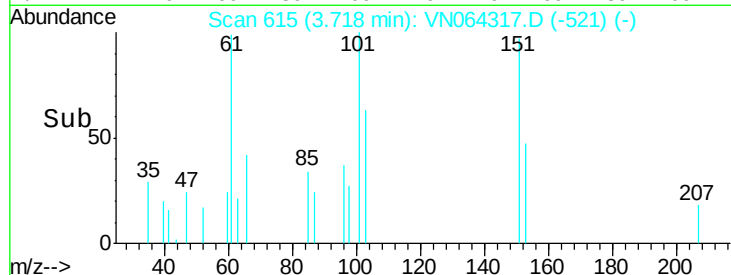
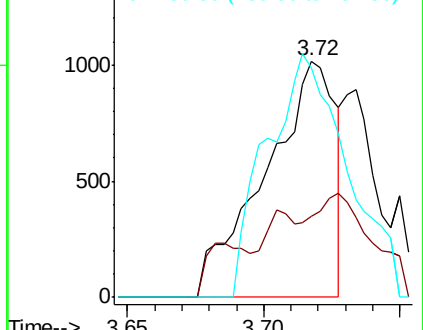
151 118.4 62.0 93.0#



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: 0.907 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

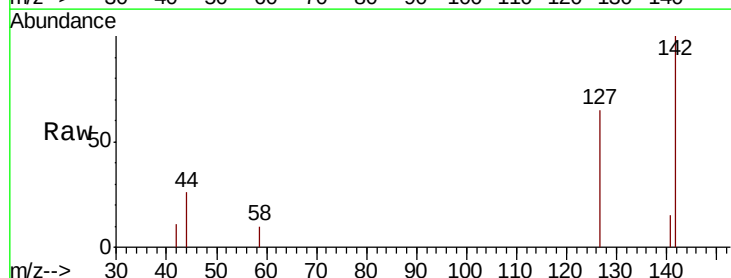
Tgt Ion:142 Resp: 3188

Ion Ratio Lower Upper

142 100

127 39.4 43.3 64.9#

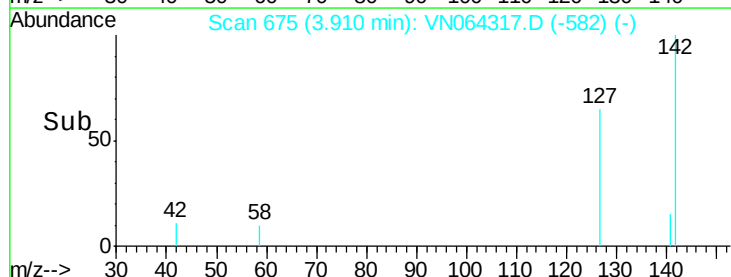
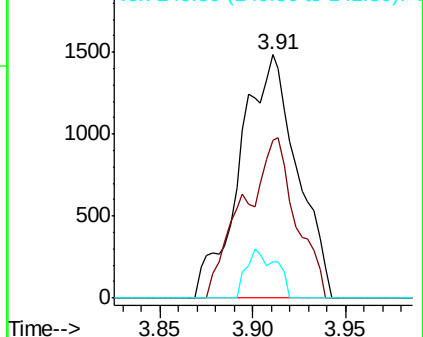
141 0.0 11.5 17.3#

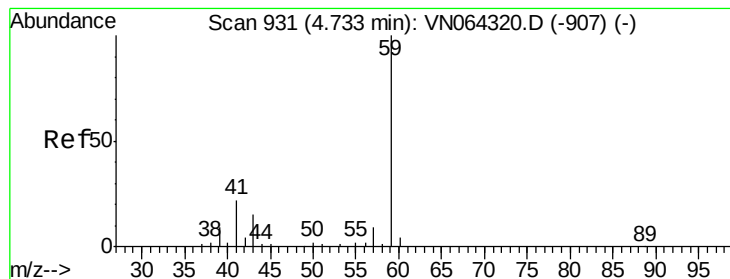


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 3.080 ug/l

RT: 4.71 min Scan# 925

Delta R.T. -0.02 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

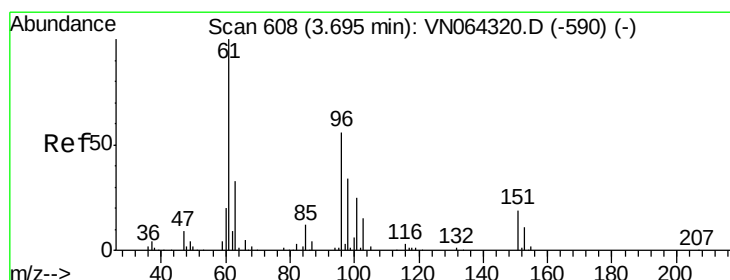
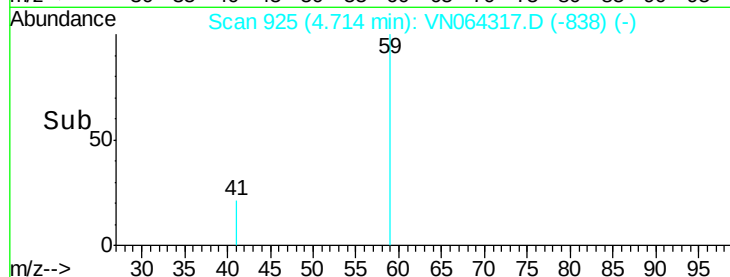
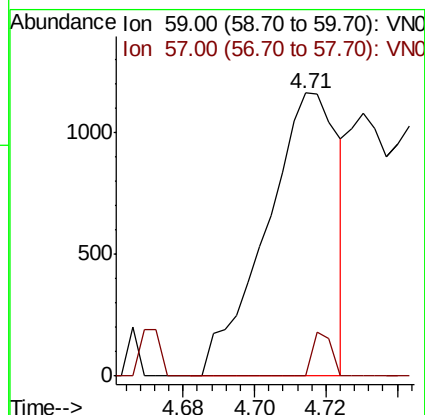
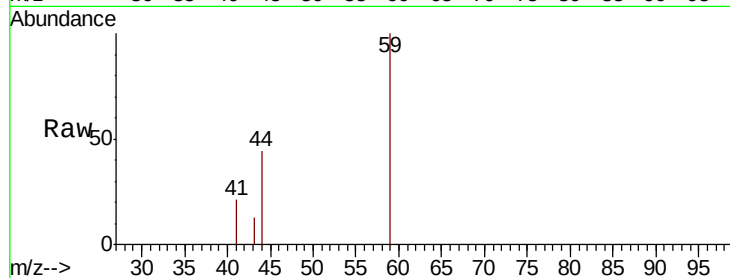
VSTDIC001

Tot Ion: 59 Resp: 1625

Ion Ratio Lower Upper

59 100

57 4.0 9.4 14.0#



#12

1,1-Dichloroethene

Concen: 0.827 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

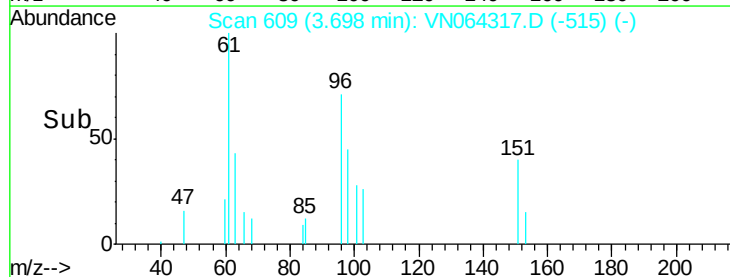
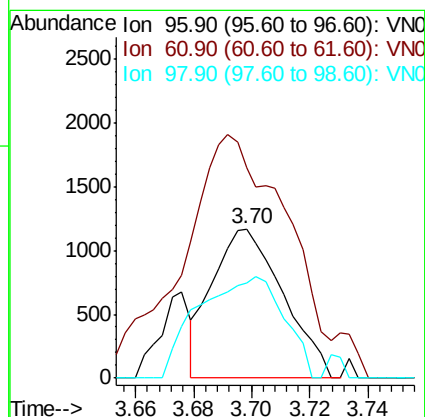
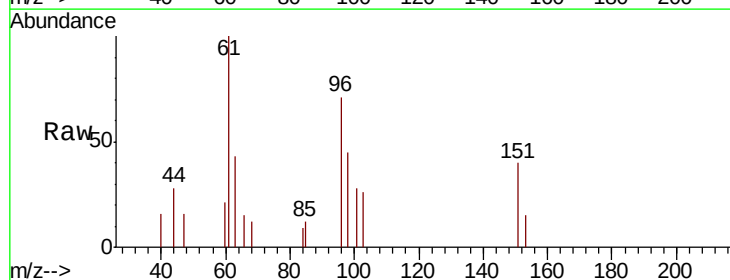
Tgt Ion: 96 Resp: 1979

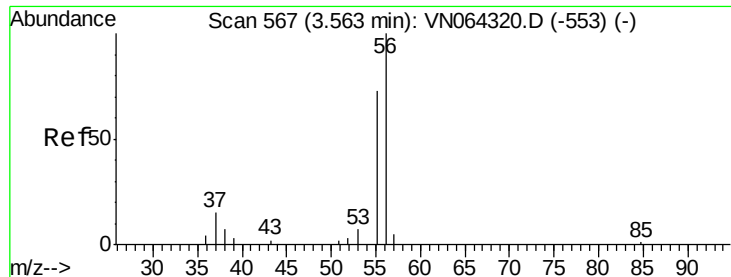
Ion Ratio Lower Upper

96 100

61 111.1 143.6 215.4#

98 50.1 48.6 73.0





#13

Acrolein

Concen: 3.212 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

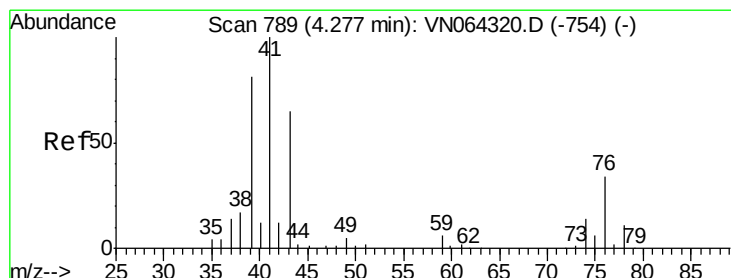
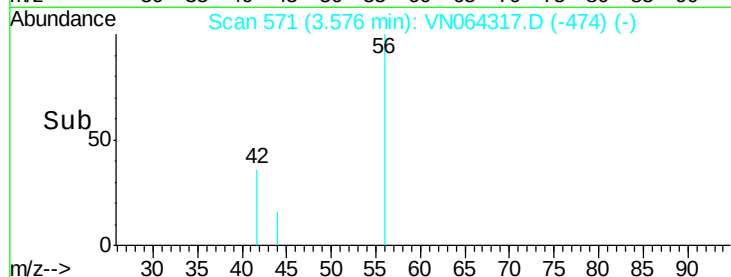
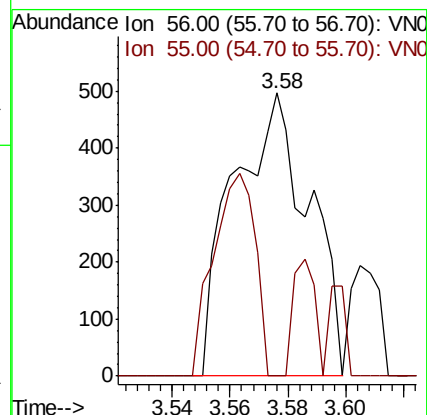
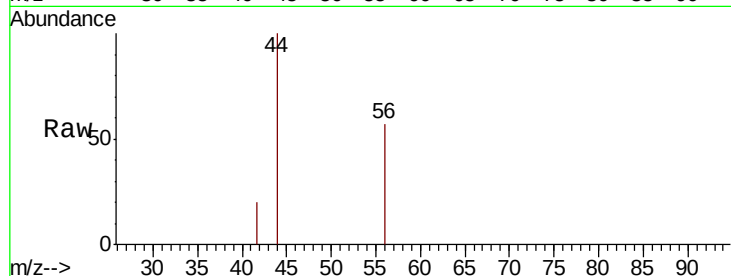
VSTDIC001

Tot Ion: 56 Resp: 905

Ion Ratio Lower Upper

56 100

55 11.6 62.6 94.0#



#14

Allyl chloride

Concen: 1.123 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

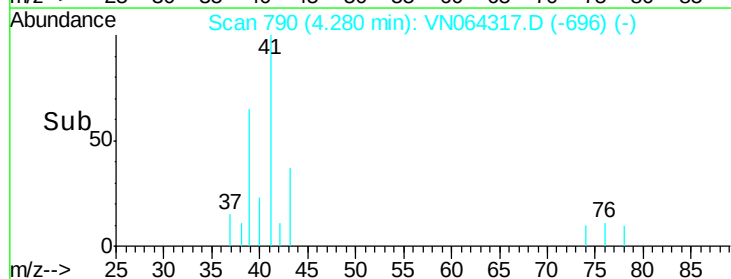
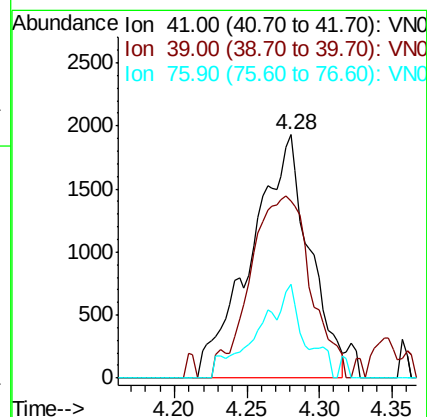
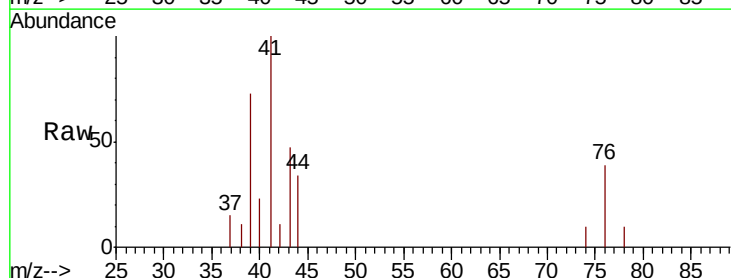
Tgt Ion: 41 Resp: 5366

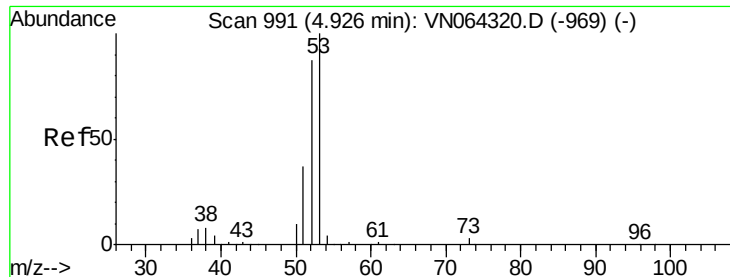
Ion Ratio Lower Upper

41 100

39 77.8 61.7 92.5

76 18.7 24.0 36.0#





#15

Acrylonitrile

Concen: 1.723 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

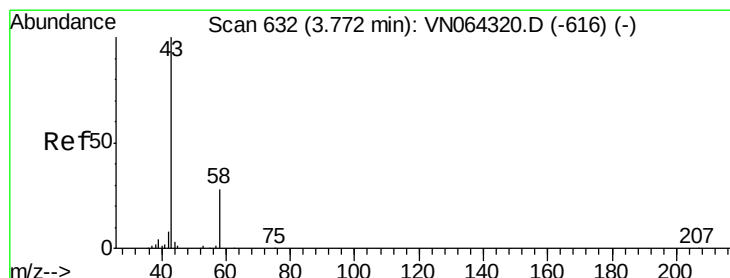
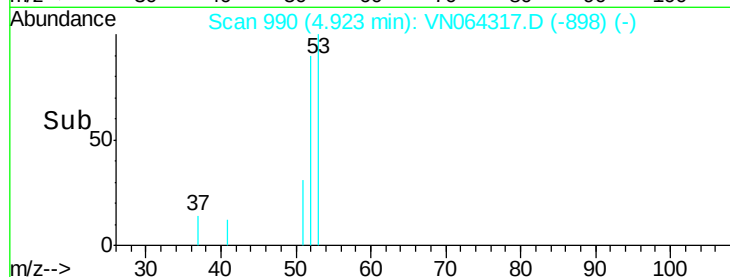
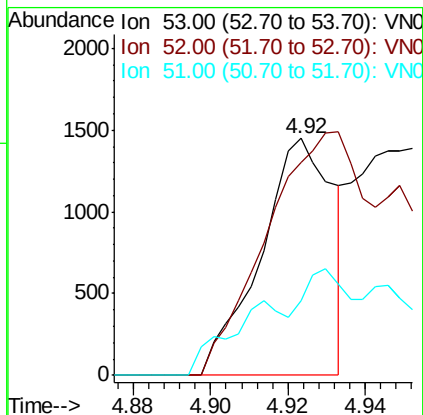
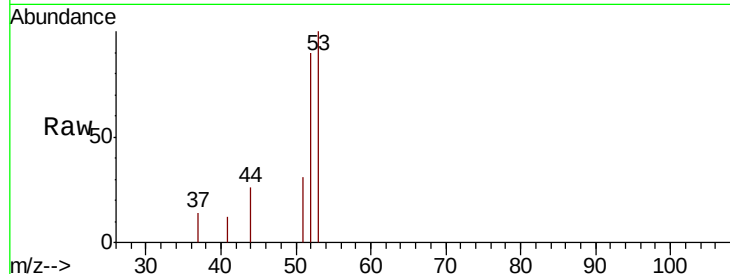
Tot Ion: 53 Resp: 1889

Ion Ratio Lower Upper

53 100

52 139.7 65.9 98.9#

51 11.4 30.4 45.6#



#16

Acetone

Concen: 4.419 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064317.D

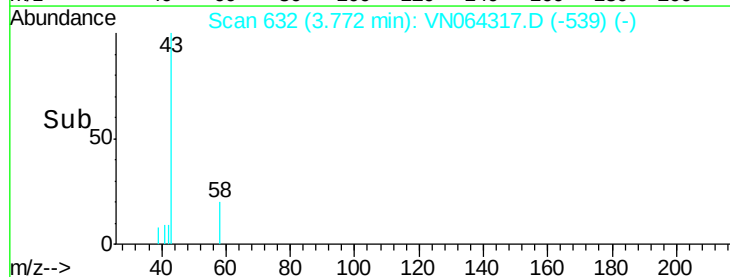
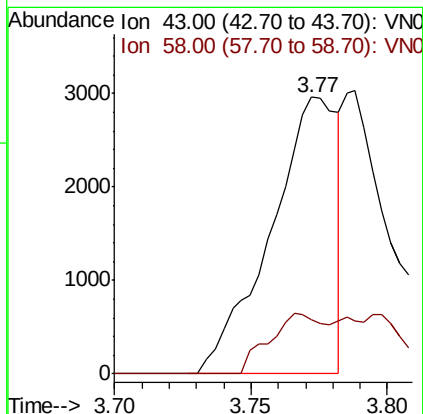
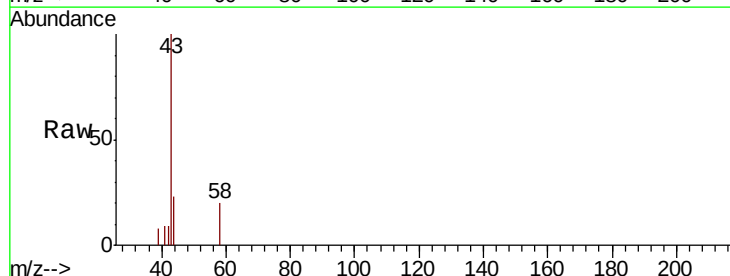
Acq: 27 Oct 2020 9:56

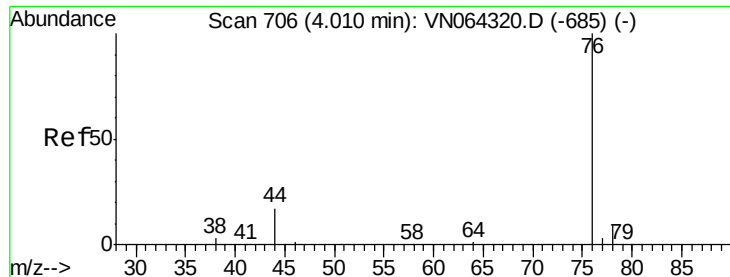
Tgt Ion: 43 Resp: 5049

Ion Ratio Lower Upper

43 100

58 19.8 22.1 33.1#

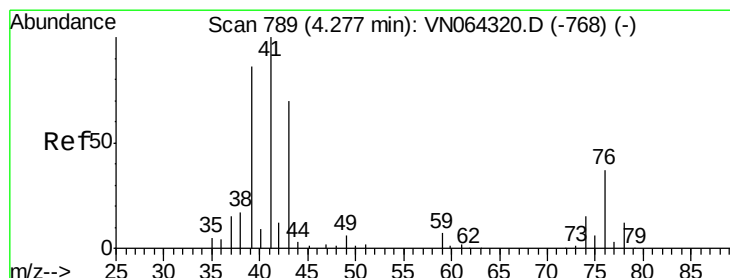
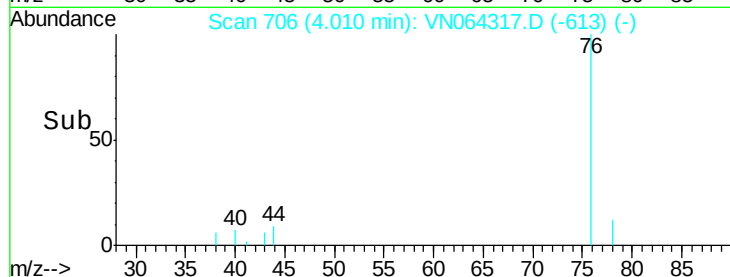
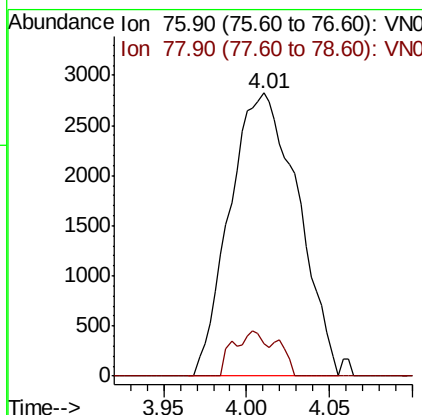
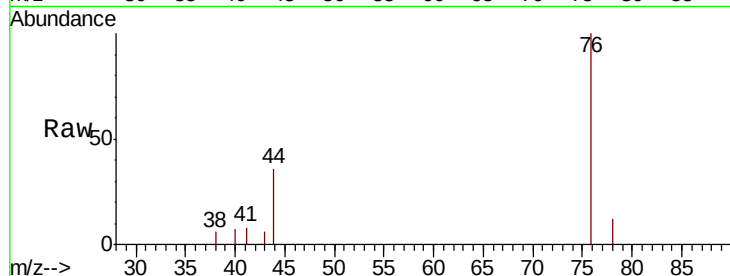




#17
Carbon Disulfide
Concen: 1.184 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

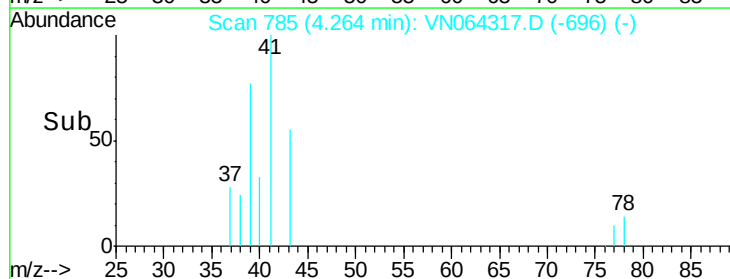
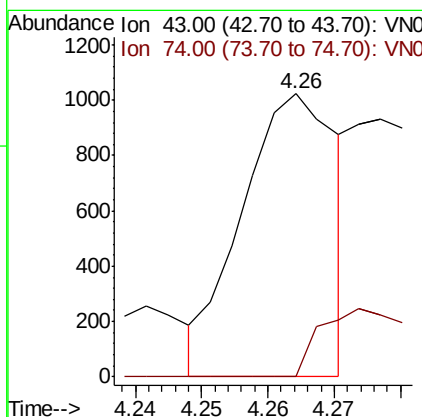
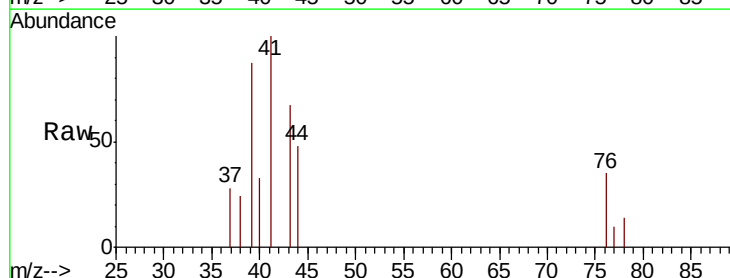
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

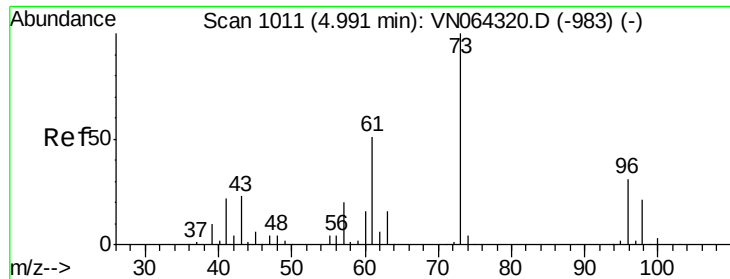
Tot Ion: 76 Resp: 8069
Ion Ratio Lower Upper
76 100
78 11.7 7.3 10.9#



#18
Methyl Acetate
Concen: 0.359 ug/l
RT: 4.26 min Scan# 785
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 43 Resp: 1015
Ion Ratio Lower Upper
43 100
74 38.1 16.7 25.1#

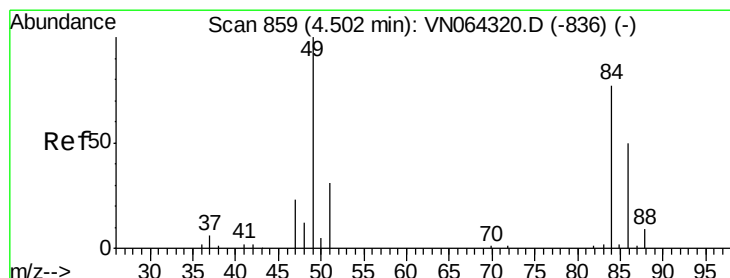
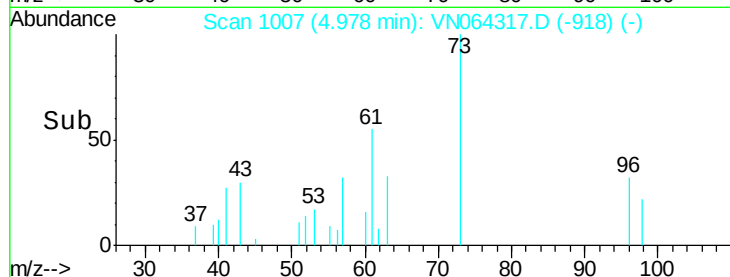
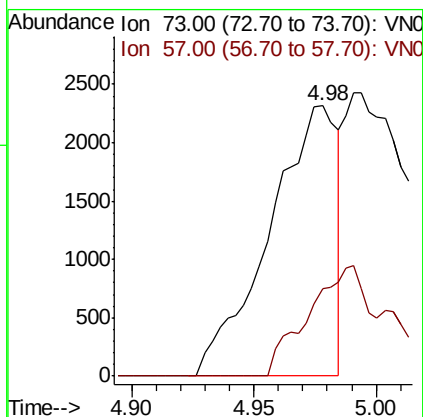
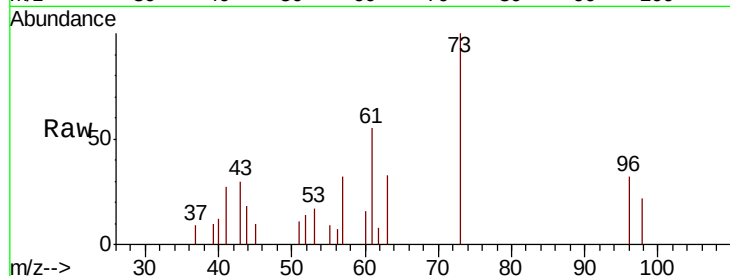




#19
Methyl tert-butyl Ether
Concen: 0.533 ug/l
RT: 4.98 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

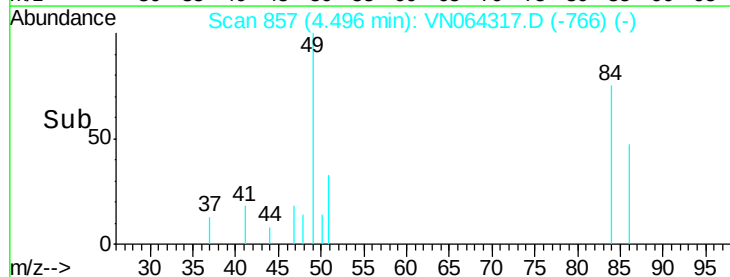
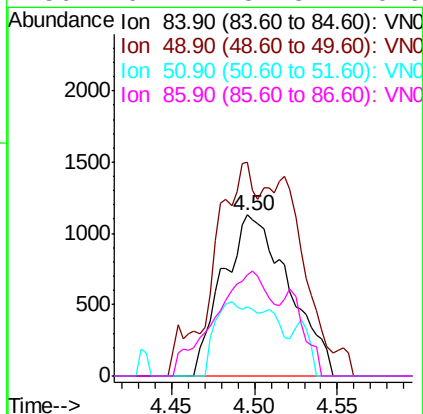
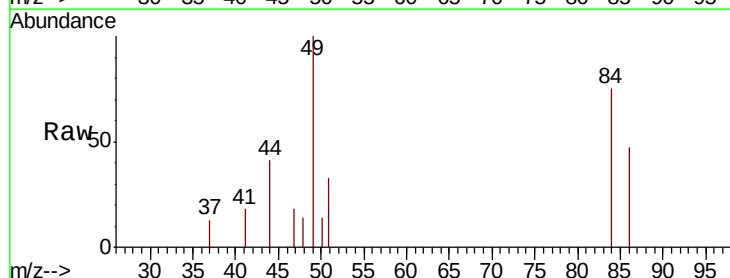
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

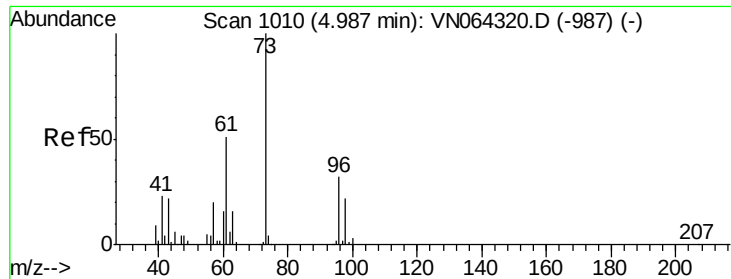
Tot Ion: 73 Resp: 4480
Ion Ratio Lower Upper
73 100
57 32.5 16.1 24.1#



#20
Methylene Chloride
Concen: 1.081 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 84 Resp: 3136
Ion Ratio Lower Upper
84 100
49 116.8 103.6 155.4
51 43.4 31.8 47.8
86 62.7 51.3 76.9

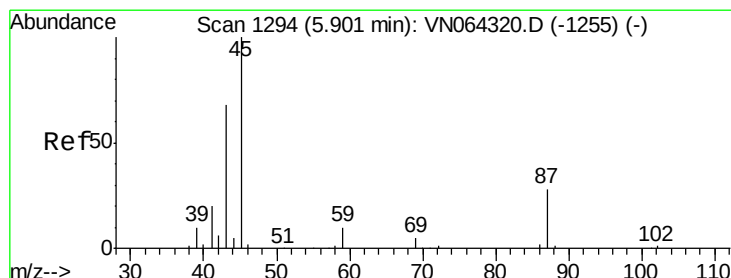
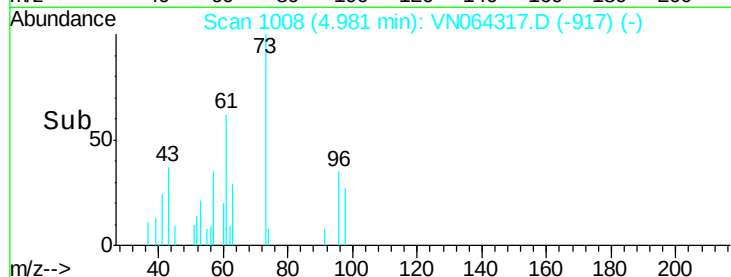
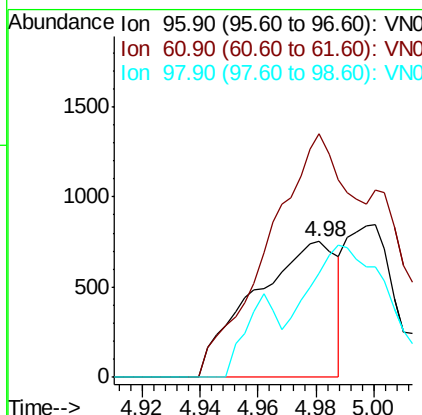
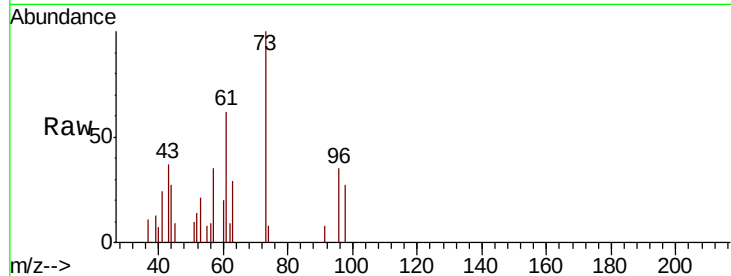




#21
trans-1,2-Dichloroethene
Concen: 0.568 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

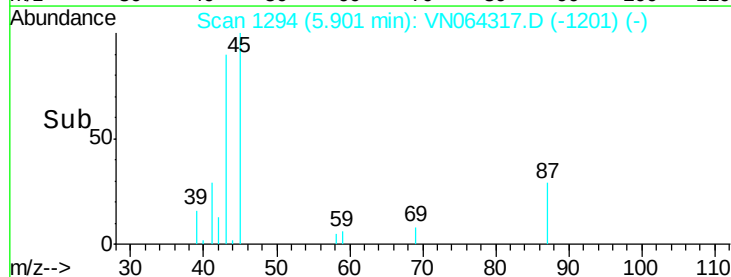
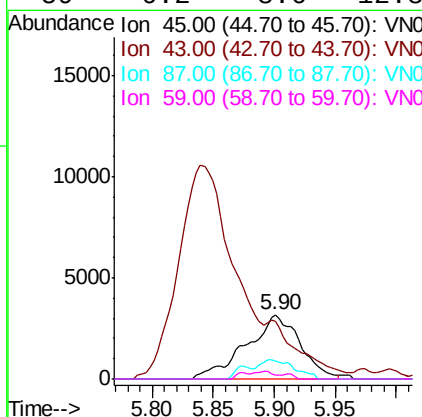
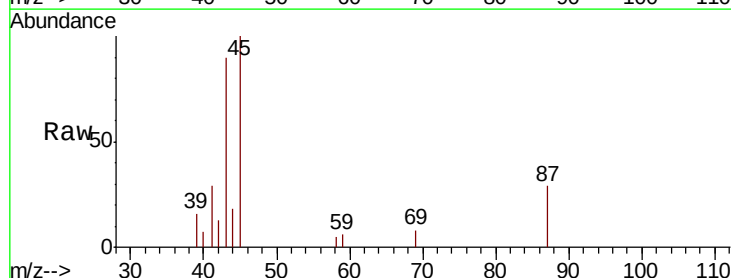
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

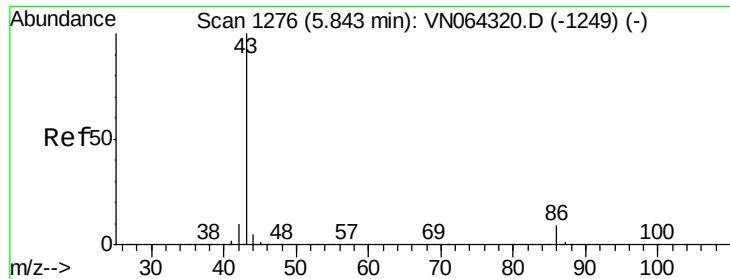
Tot Ion: 96 Resp: 1497
Ion Ratio Lower Upper
96 100
61 179.5 128.2 192.2
98 76.9 56.1 84.1



#22
Diisopropyl ether
Concen: 1.074 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 45 Resp: 9711
Ion Ratio Lower Upper
45 100
43 75.8 54.6 82.0
87 28.5 22.6 33.8
59 6.2 8.6 12.8#





#23

Vinyl Acetate

Concen: 4.126 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

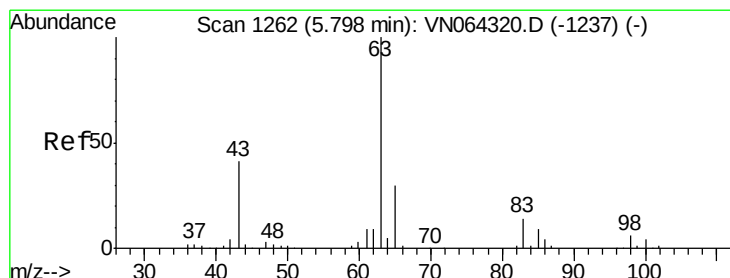
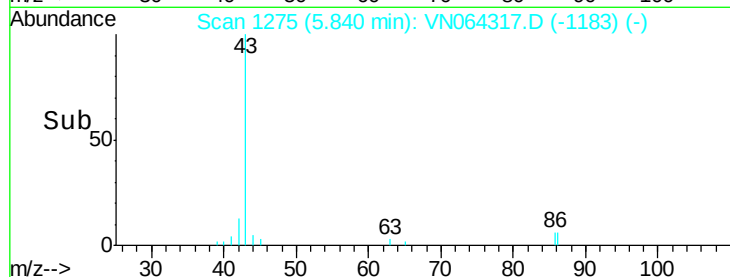
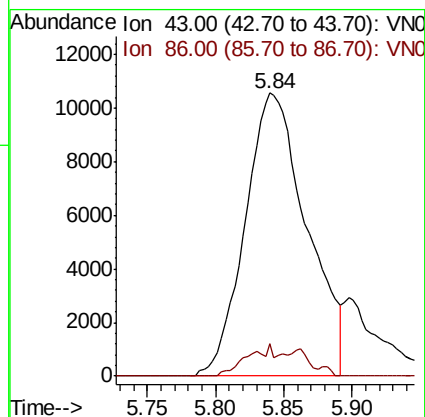
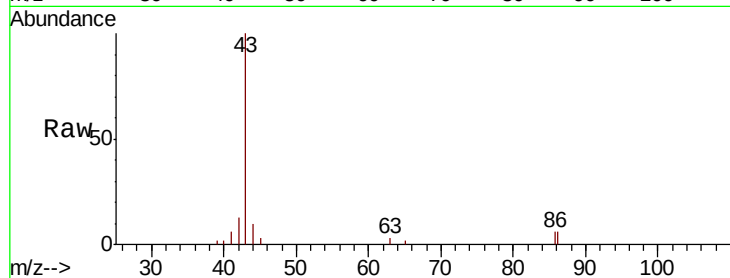
VSTDIC001

Tot Ion: 43 Resp: 33096

Ion Ratio Lower Upper

43 100

86 11.4 7.3 10.9#



#24

1,1-Dichloroethane

Concen: 0.556 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

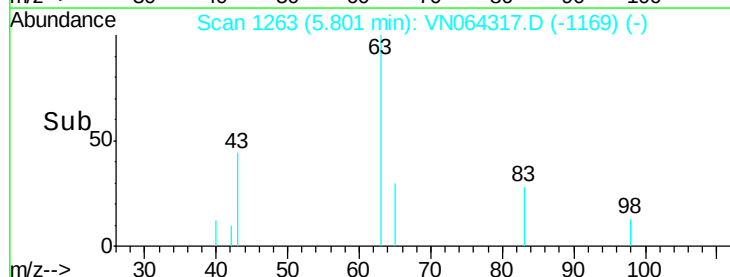
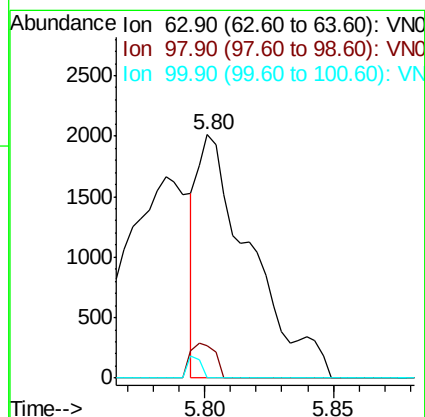
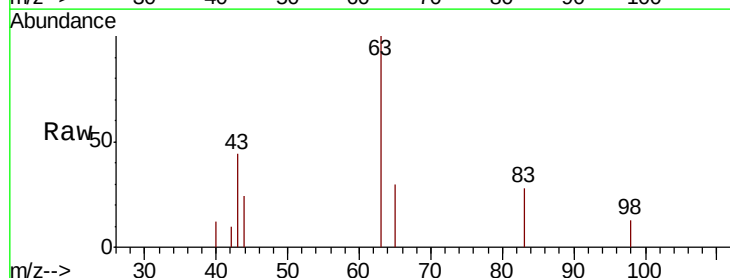
Tgt Ion: 63 Resp: 2882

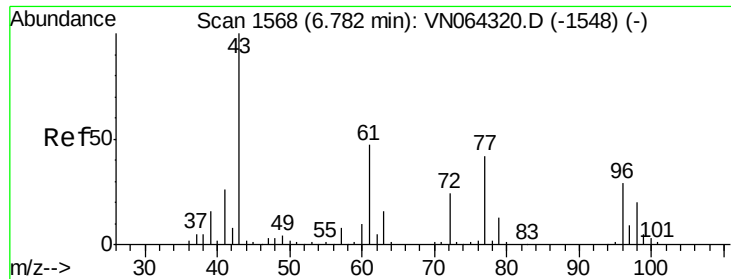
Ion Ratio Lower Upper

63 100

98 13.3 3.1 9.4#

100 0.0 2.0 5.8#

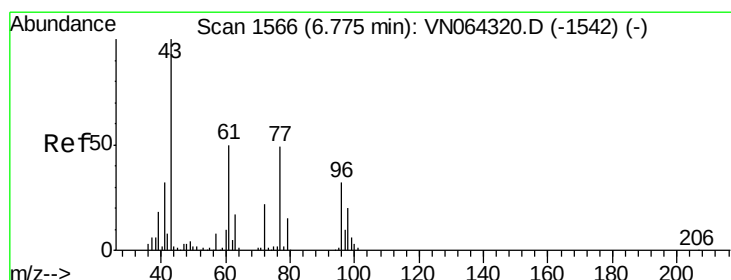
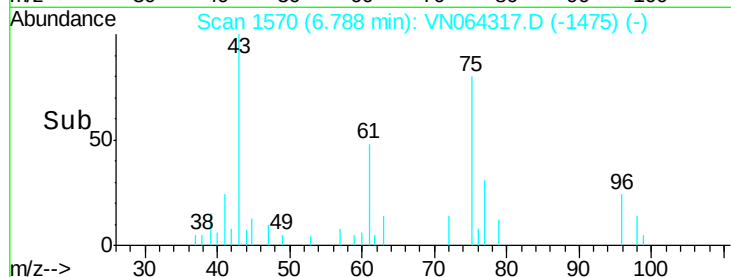
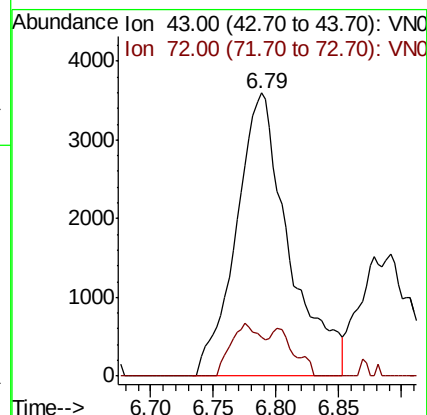
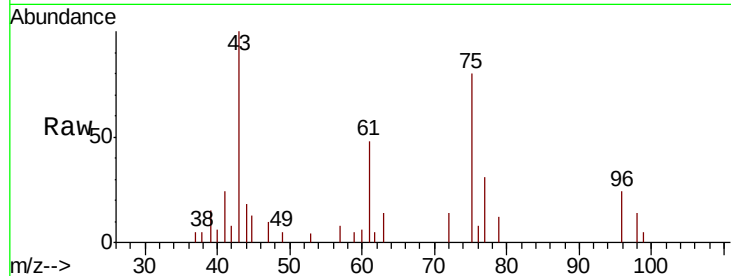




#25
2-Butanone
Concen: 5.897 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

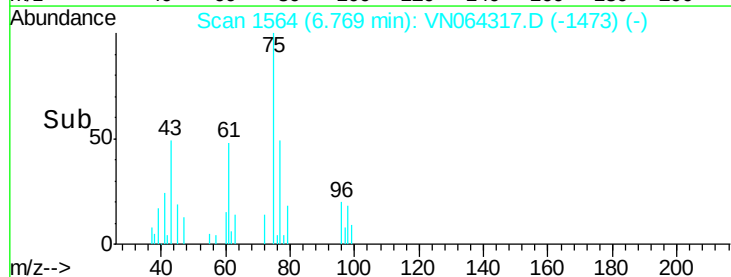
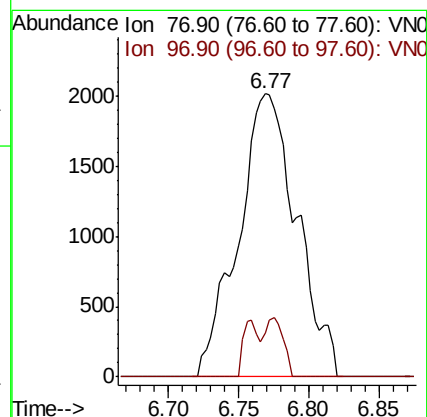
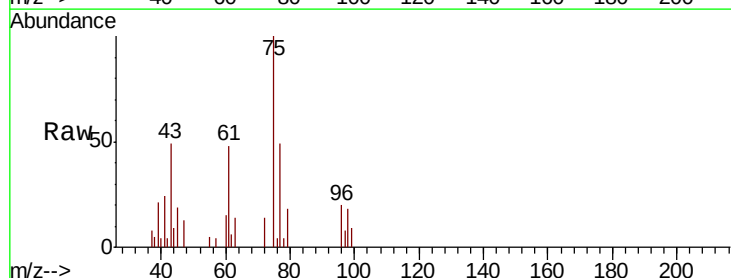
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

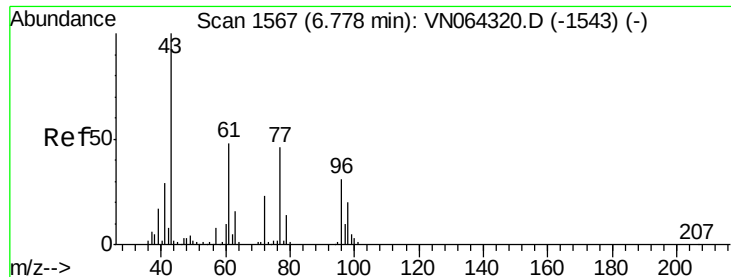
Tot Ion: 43 Resp: 10525
Ion Ratio Lower Upper
43 100
72 13.8 18.8 28.2#



#26
2,2-Dichloropropane
Concen: 1.129 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 77 Resp: 5821
Ion Ratio Lower Upper
77 100
97 6.5 10.2 30.6#





#27

cis-1,2-Dichloroethene

Concen: 0.742 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

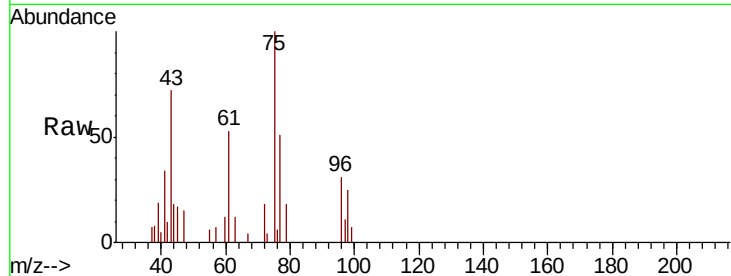
Tot Ion: 96 Resp: 2287

Ion Ratio Lower Upper

96 100

61 261.1 0.0 325.0

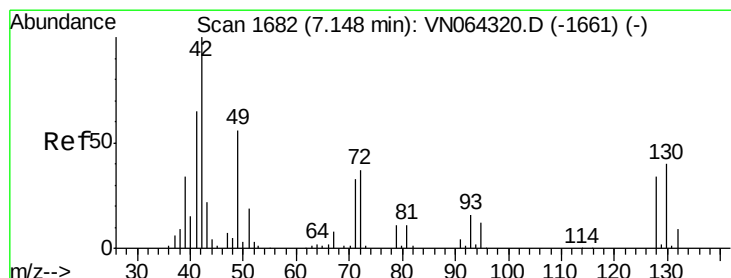
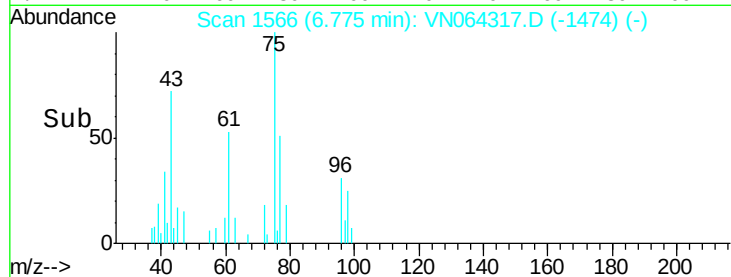
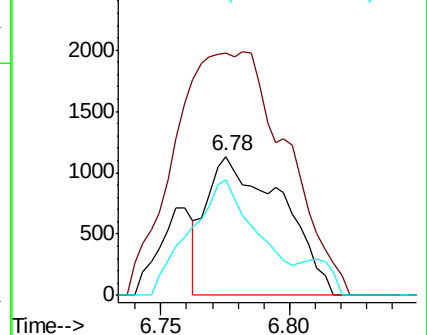
98 75.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-1543) (-)



#28

Bromochloromethane

Concen: 0.708 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

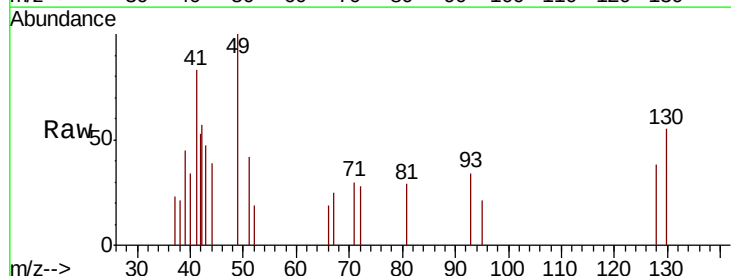
Tgt Ion: 49 Resp: 1747

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

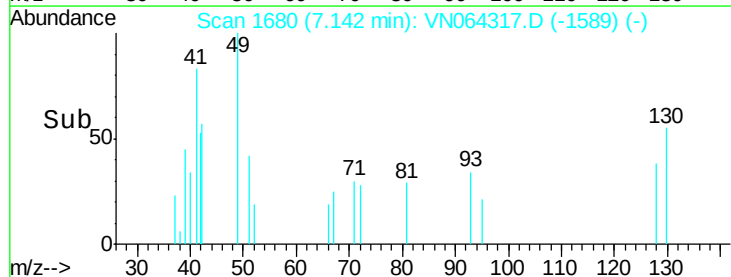
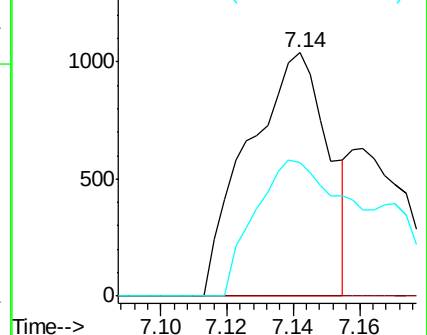
130 66.3 56.2 84.2

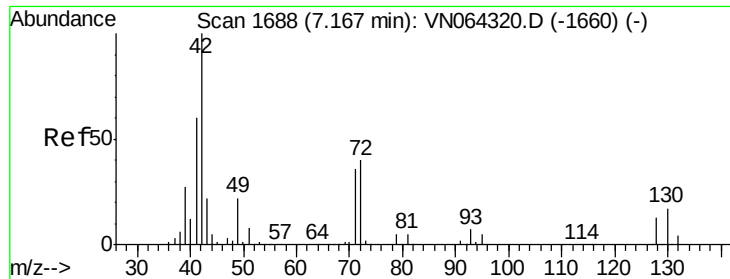


Abundance Ion 48.90 (48.60 to 49.60): VN064320.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064320.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064320.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 6.412 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

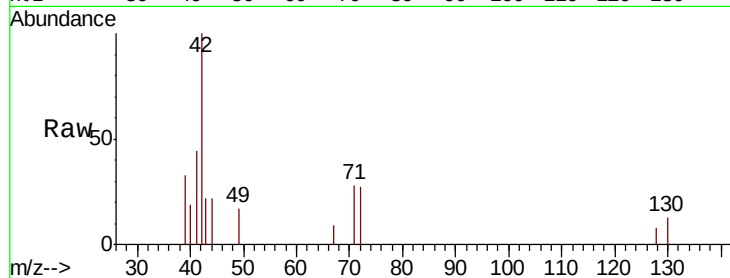
Tot Ion: 42 Resp: 6944

Ion Ratio Lower Upper

42 100

72 25.8 31.6 47.4#

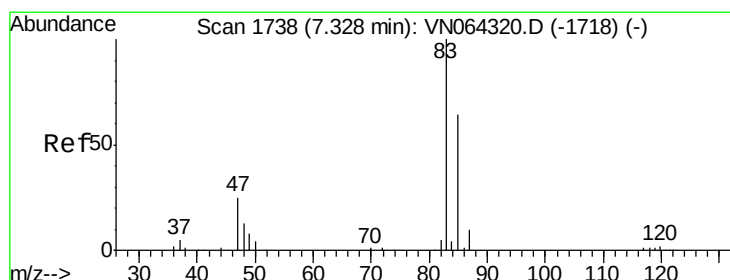
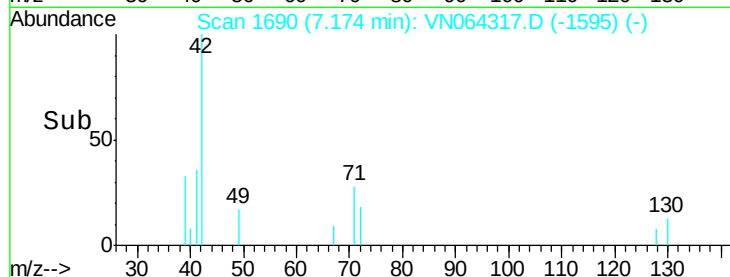
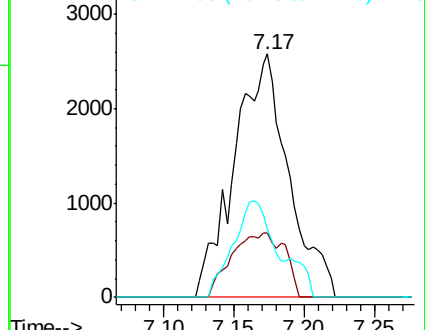
71 28.8 29.4 44.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.136 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064317.D

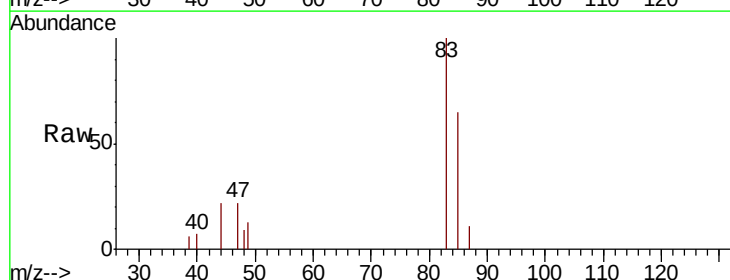
Acq: 27 Oct 2020 9:56

Tgt Ion: 83 Resp: 6290

Ion Ratio Lower Upper

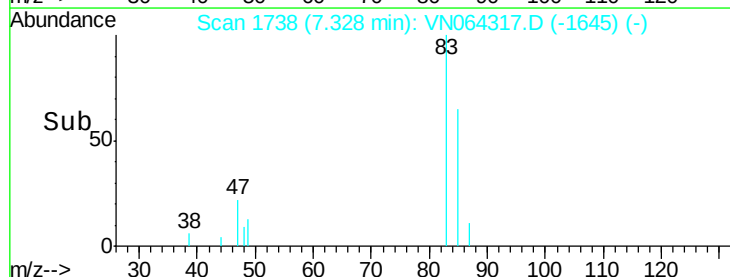
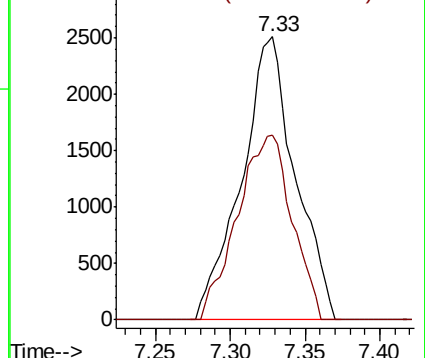
83 100

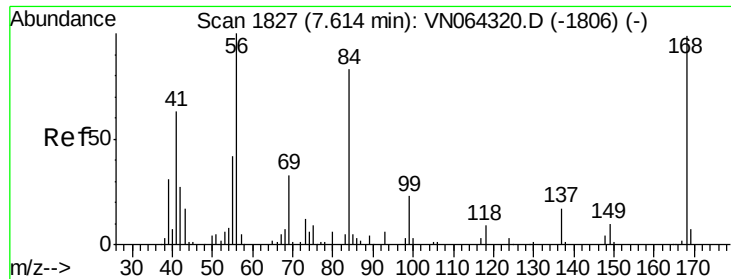
85 65.2 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

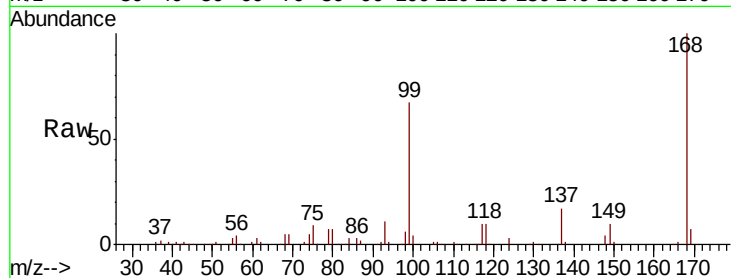




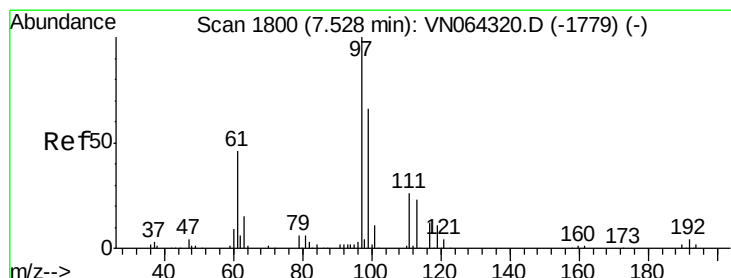
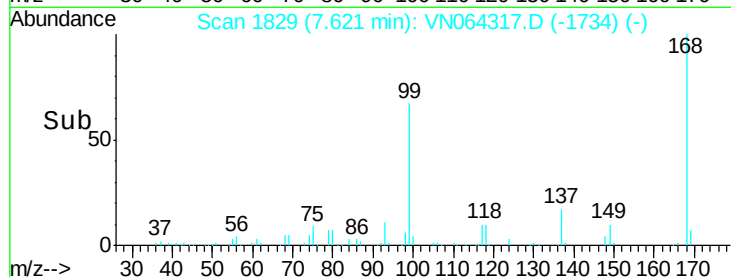
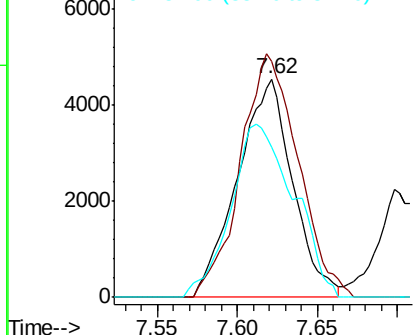
#31
Cyclohexane
Concen: 2.354 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 56 Resp: 10758
Ion Ratio Lower Upper
56 100
69 107.9 25.8 38.8#
84 68.5 66.3 99.5

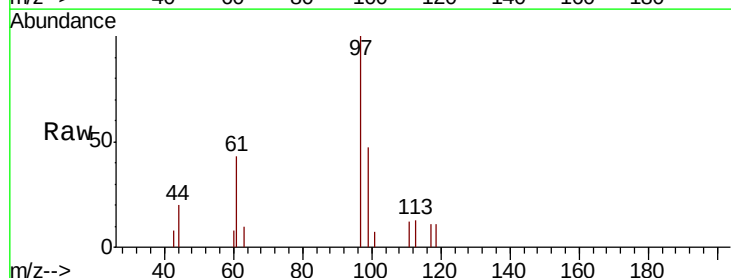


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

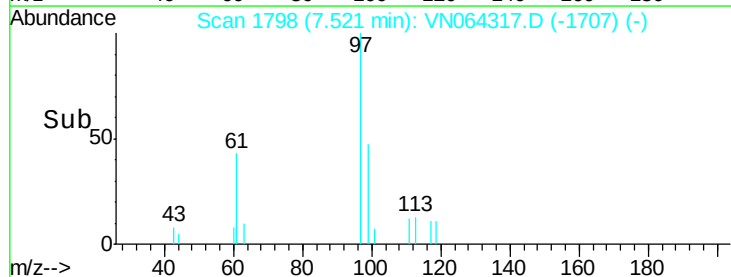
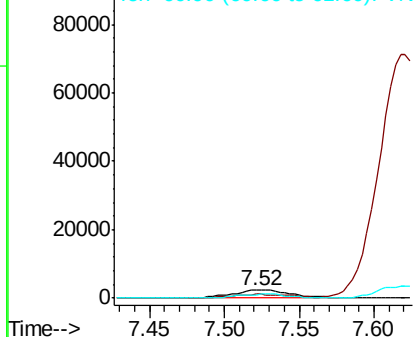


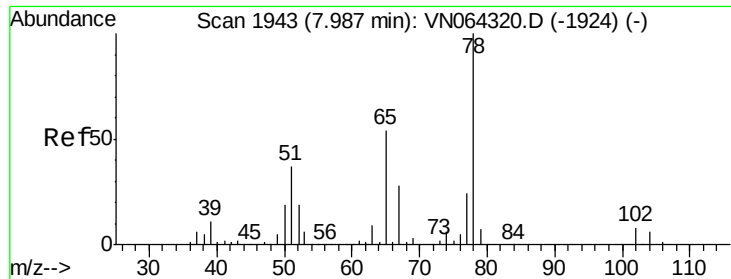
#32
1,1,1-Trichloroethane
Concen: 1.206 ug/l
RT: 7.52 min Scan# 1798
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 97 Resp: 6246
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 41.2 35.8 53.6



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

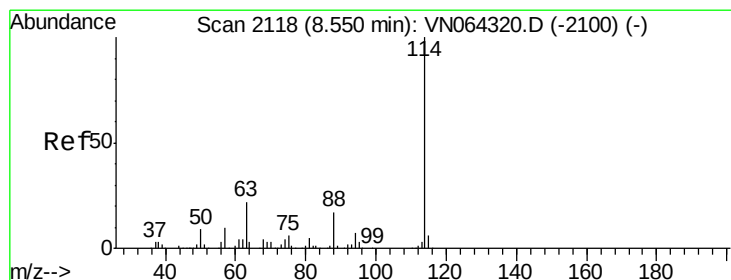
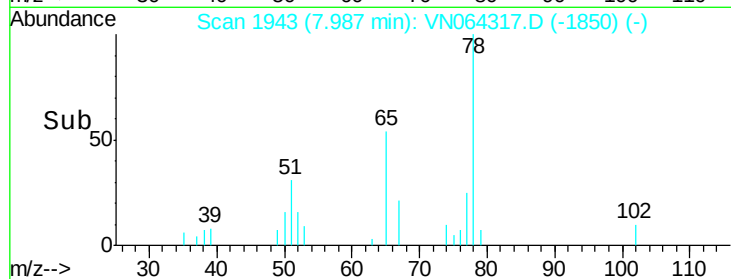
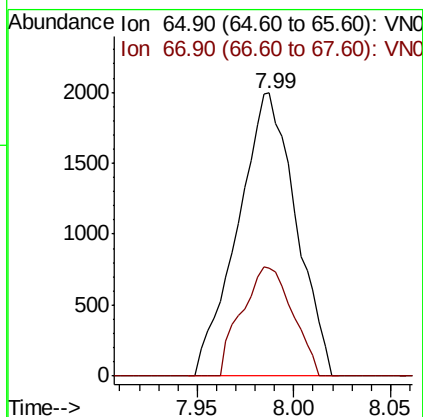
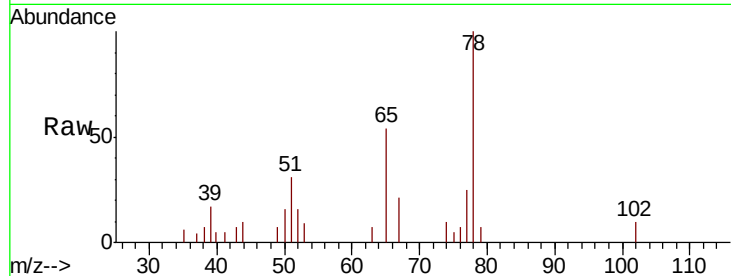




#33
 1,2-Dichloroethane-d4
 Concen: 1.089 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

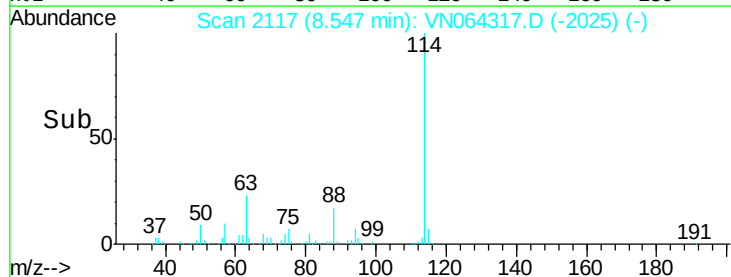
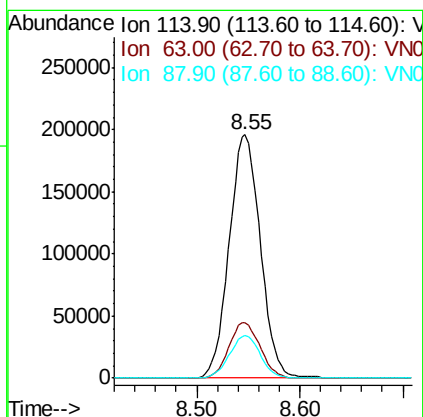
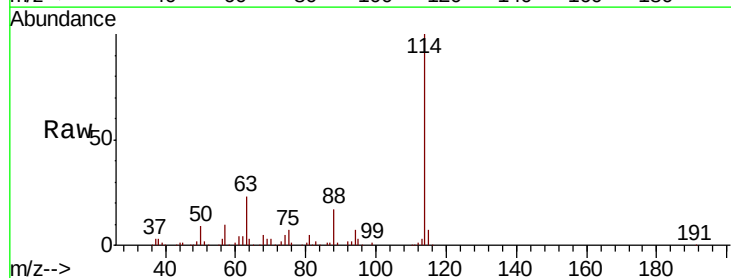
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

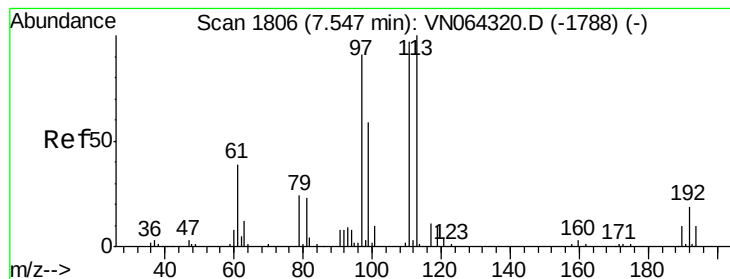
Tot Ion: 65 Resp: 4168
 Ion Ratio Lower Upper
 65 100
 67 33.8 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion: 114 Resp: 413377
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.6
 88 17.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 1.070 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

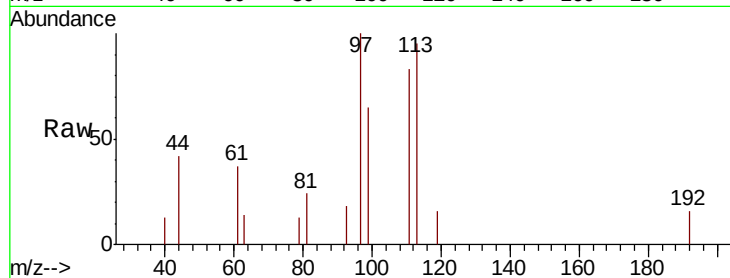
Tot Ion:113 Resp: 2951

Ion Ratio Lower Upper

113 100

111 81.5 81.5 122.3

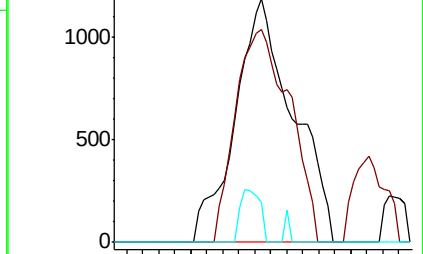
192 7.2 15.0 22.4#



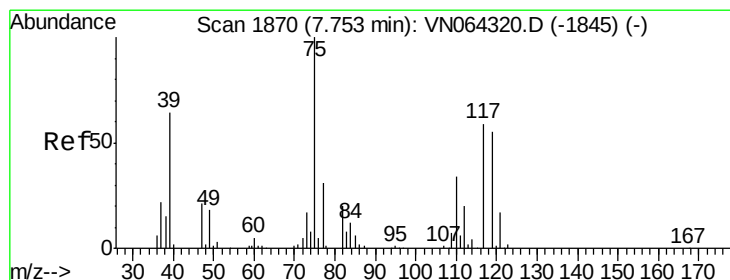
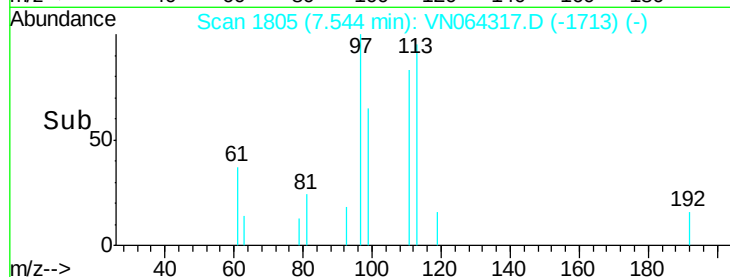
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#36

1,1-Dichloropropene

Concen: 1.048 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

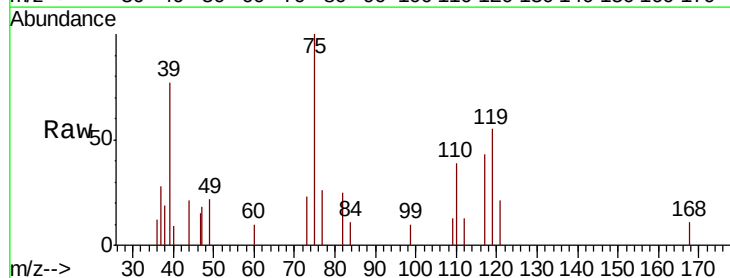
Tgt Ion: 75 Resp: 4326

Ion Ratio Lower Upper

75 100

110 32.5 16.8 50.3

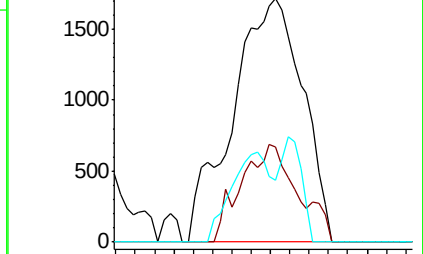
77 12.6 24.2 36.4#



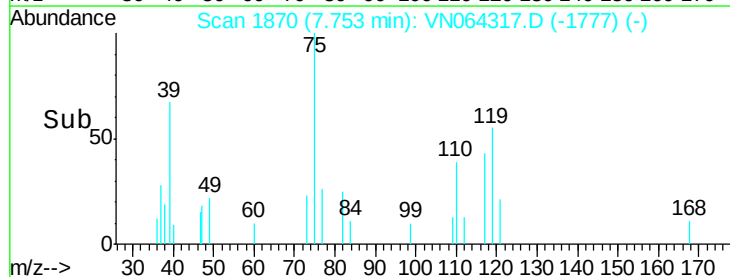
Abundance Ion 74.90 (74.60 to 75.60): V

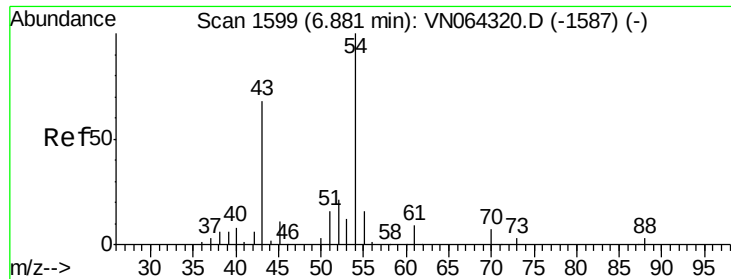
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



Time-->

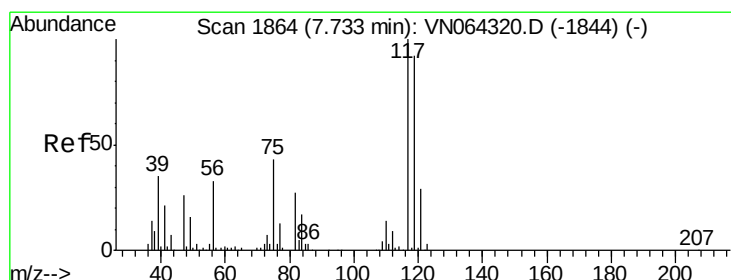
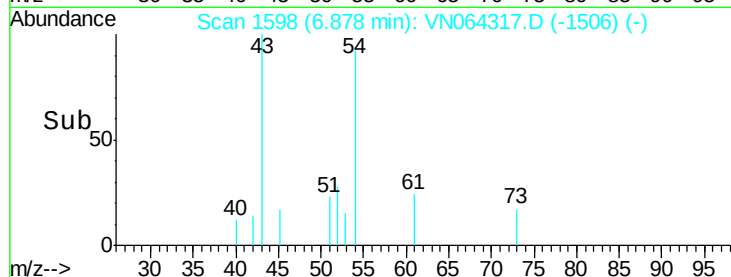
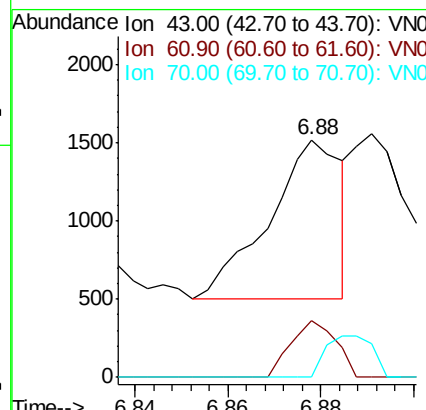
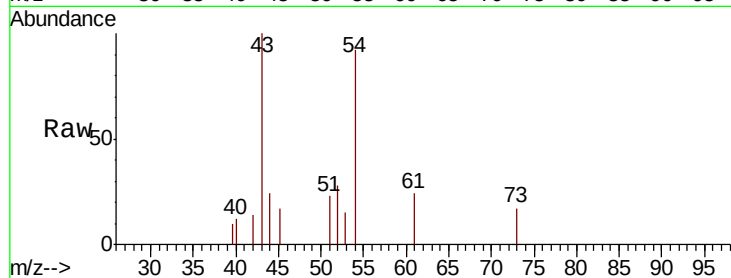




#37
Ethyl Acetate
Concen: 0.290 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

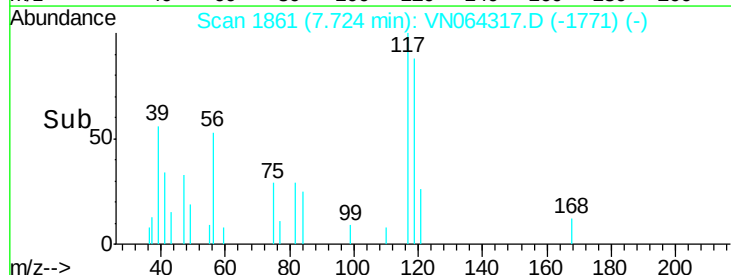
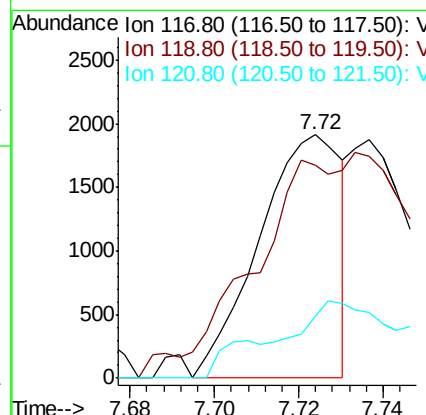
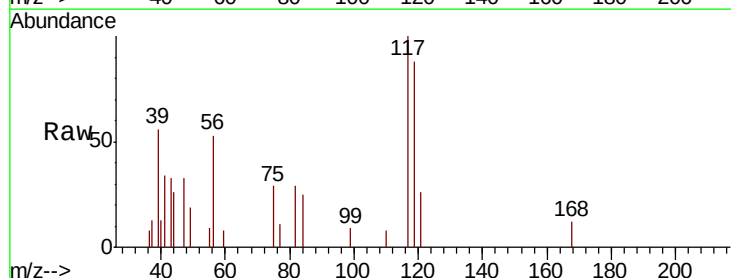
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

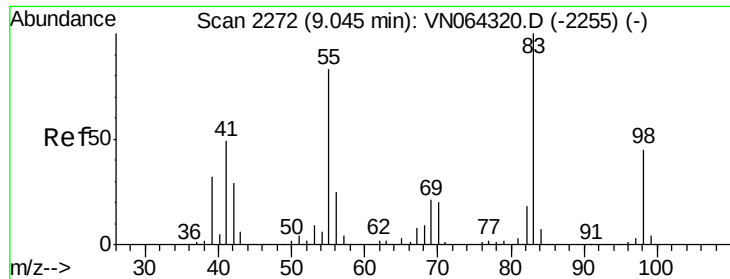
Tot Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
61 22.0 10.0 15.0#
70 16.4 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 0.550 ug/l
RT: 7.72 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 117 Resp: 2599
Ion Ratio Lower Upper
117 100
119 77.2 73.7 110.5
121 25.5 22.8 34.2

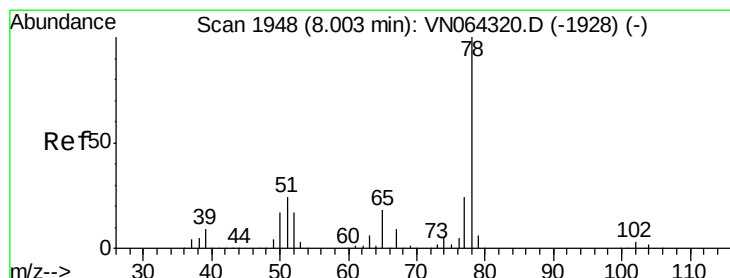
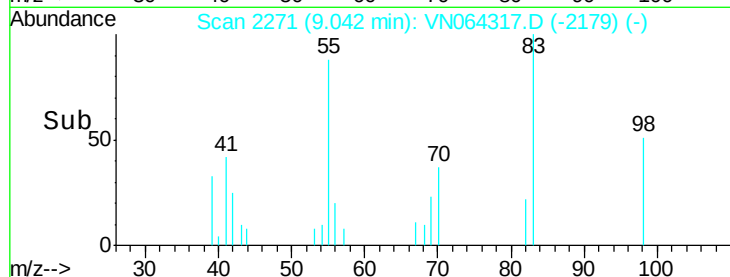
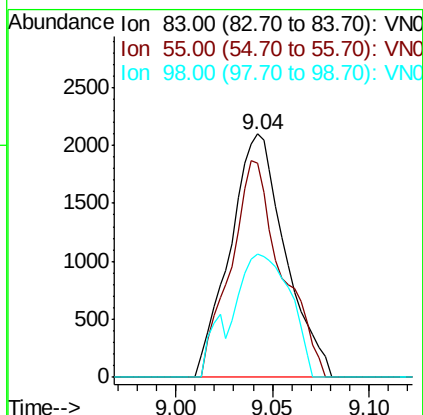
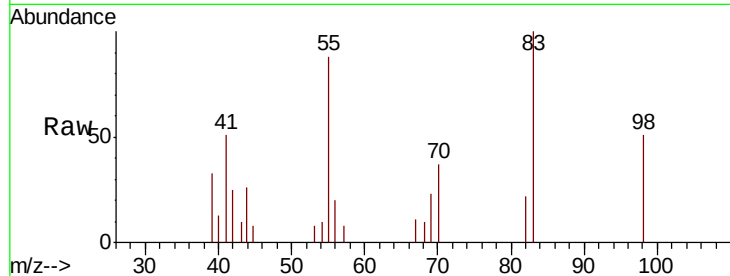




#39
Methylvlcyclohexane
Concen: 1.099 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

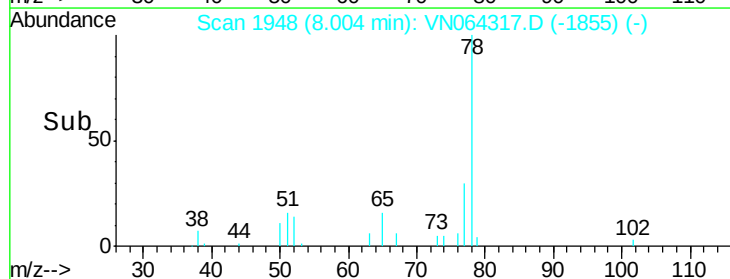
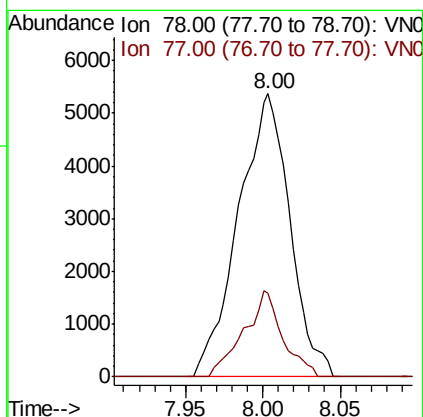
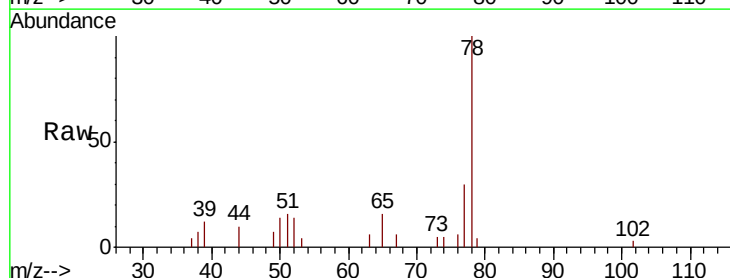
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

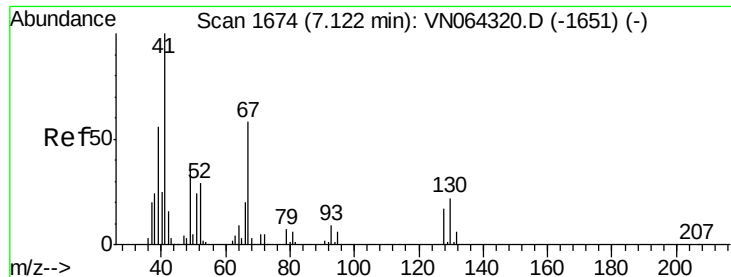
Tot Ion: 83 Resp: 4167
Ion Ratio Lower Upper
83 100
55 87.9 66.2 99.4
98 50.9 36.0 54.0



#40
Benzene
Concen: 1.087 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 78 Resp: 12391
Ion Ratio Lower Upper
78 100
77 29.8 18.8 28.2#

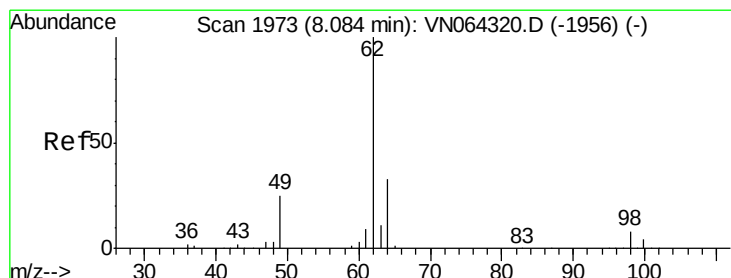
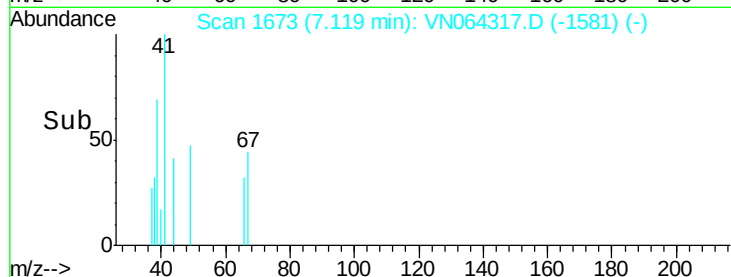
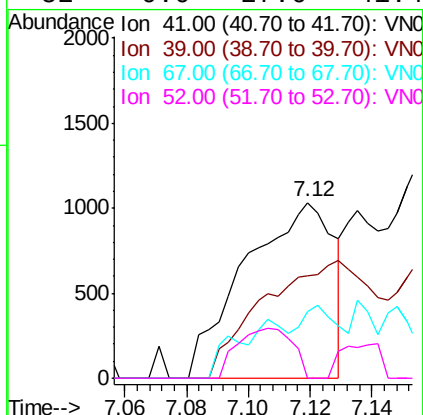
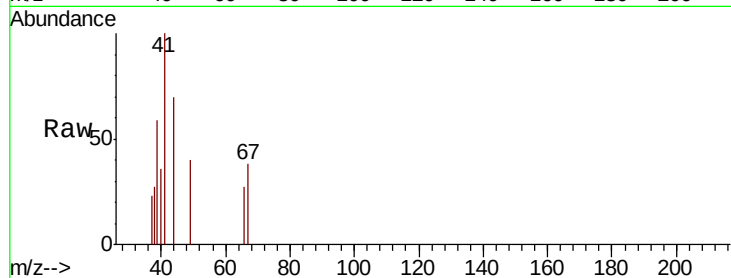




#41
Methacrylonitrile
Concen: 1.024 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

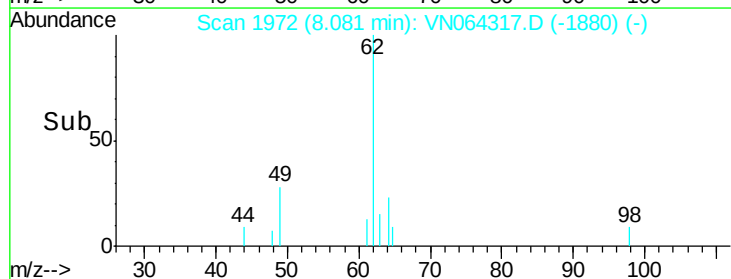
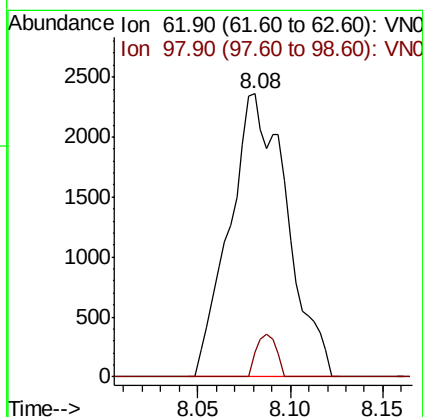
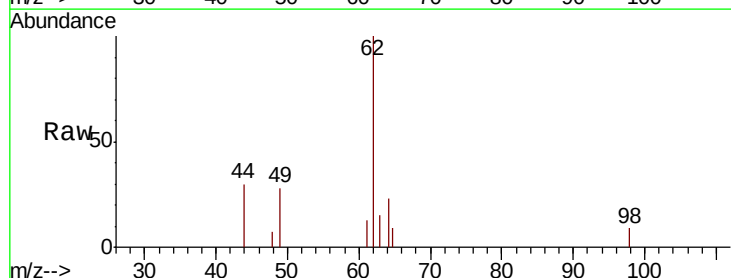
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

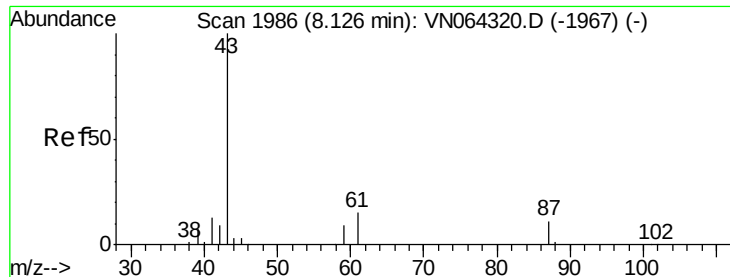
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.6	72.8#
67	19.3	61.4	92.2#
52	0.0	27.6	41.4#



#42
1,2-Dichloroethane
Concen: 1.037 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	5.2	0.0	14.2





#43

Isopropyl Acetate

Concen: 0.977 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

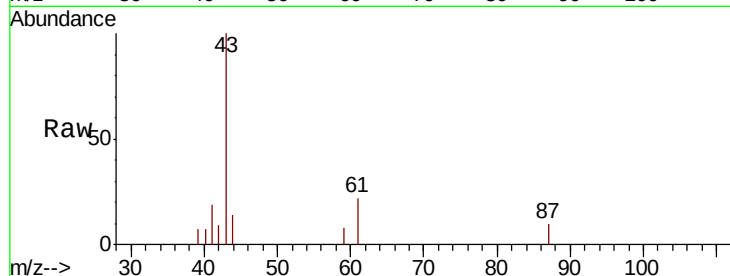
Tot Ion: 43 Resp: 6892

Ion Ratio Lower Upper

43 100

61 19.2 19.1 28.7

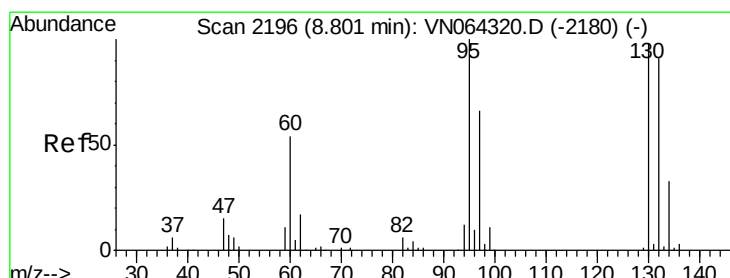
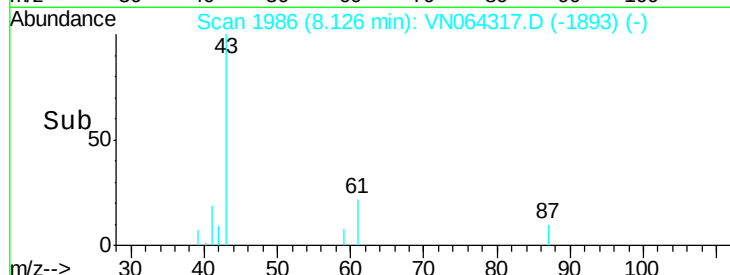
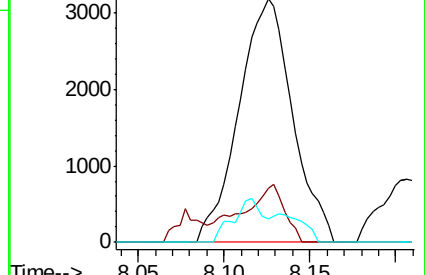
87 10.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064317.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064317.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064317.D (-1893) (-)



#44

Trichloroethene

Concen: 0.911 ug/l

RT: 8.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: VN064317.D

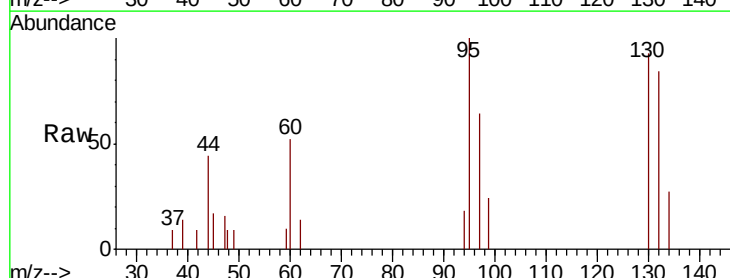
Acq: 27 Oct 2020 9:56

Tgt Ion: 130 Resp: 2834

Ion Ratio Lower Upper

130 100

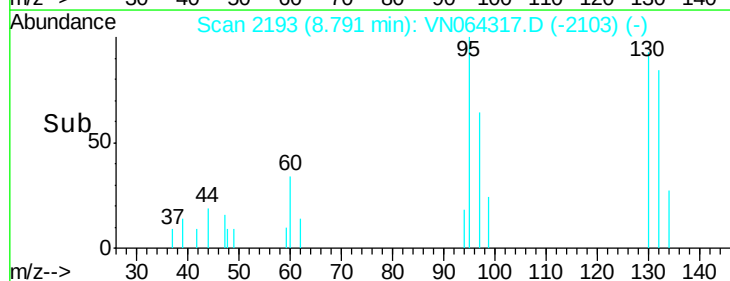
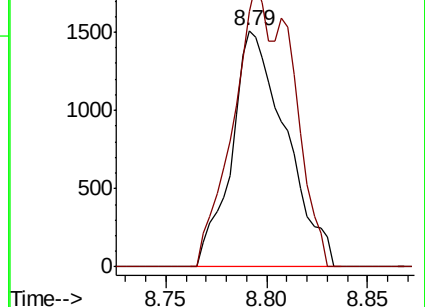
95 107.7 0.0 203.6

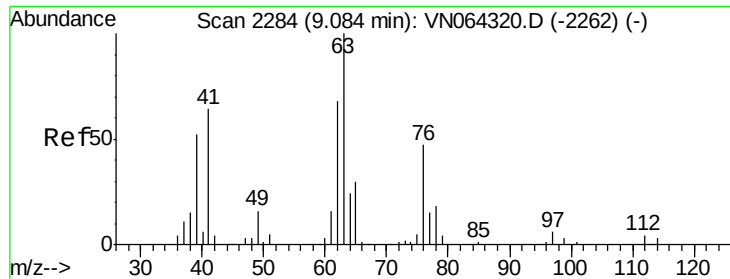


Abundance Ion 129.80 (129.50 to 130.50): VN064317.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064317.D (-2103) (-)

Ion 129.80 (129.50 to 130.50): VN064317.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 1.102 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

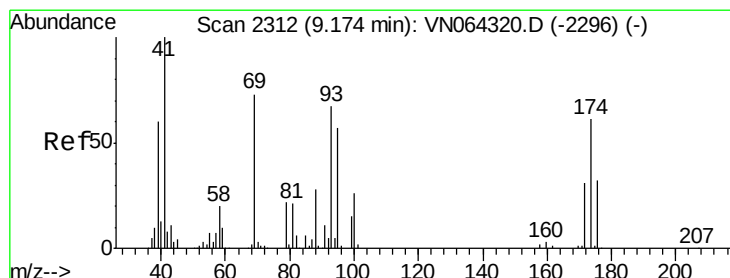
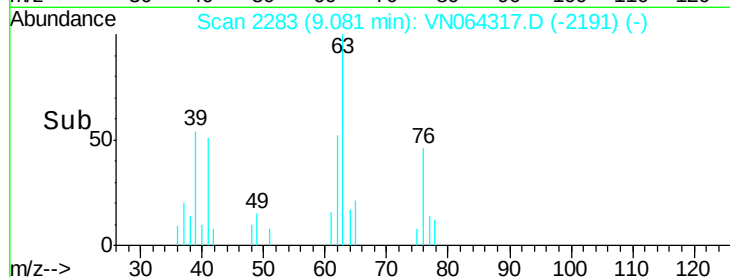
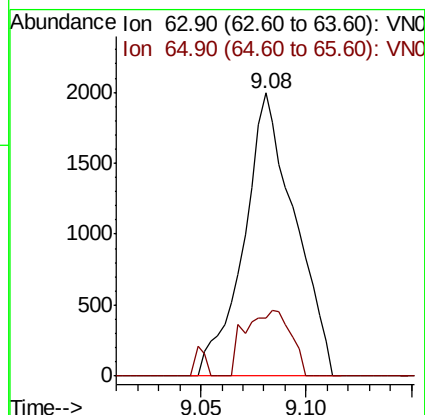
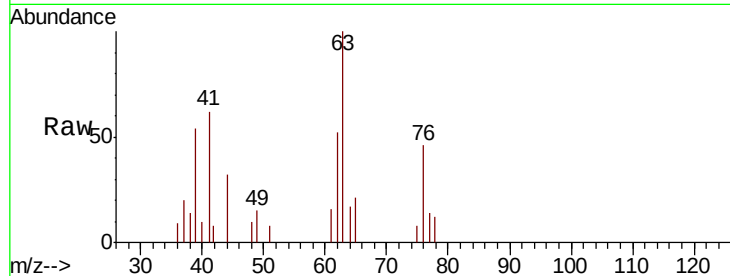
VSTDIC001

Tot Ion: 63 Resp: 3347

Ion Ratio Lower Upper

63 100

65 20.7 24.3 36.5#



#46

Dibromomethane

Concen: 1.070 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

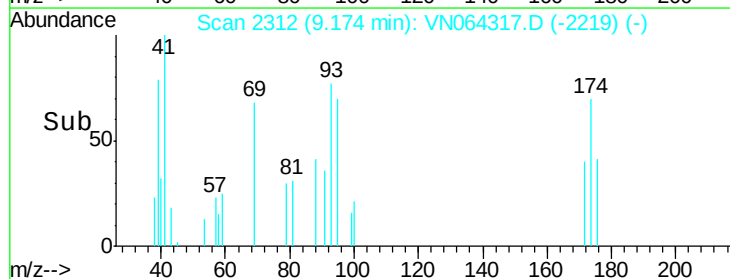
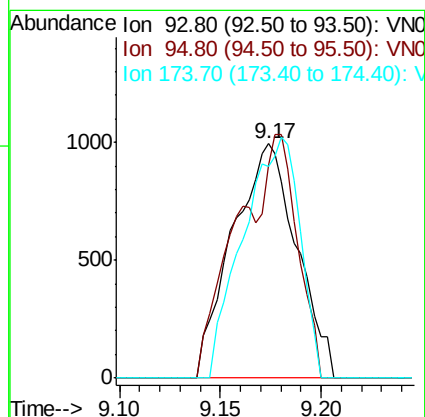
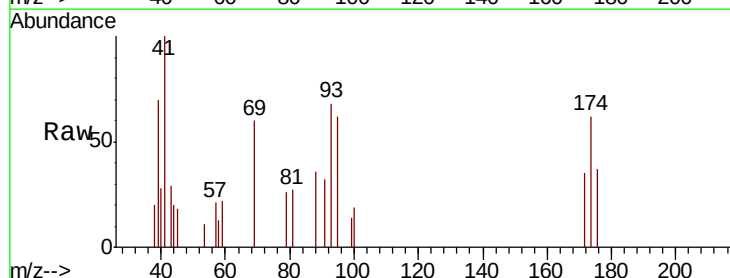
Tgt Ion: 93 Resp: 2200

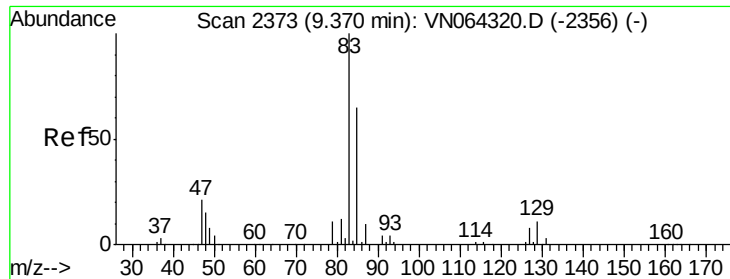
Ion Ratio Lower Upper

93 100

95 55.1 64.4 96.6#

174 91.2 71.4 107.0





#47

Bromodichloromethane

Concen: 1.237 ug/l

RT: 9.36 min Scan# 2371

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

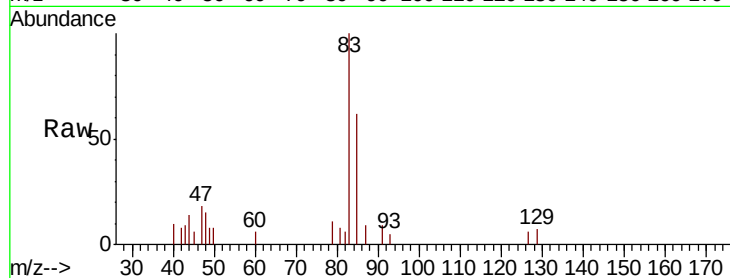
Tot Ion: 83 Resp: 5603

Ion Ratio Lower Upper

83 100

85 62.1 52.1 78.1

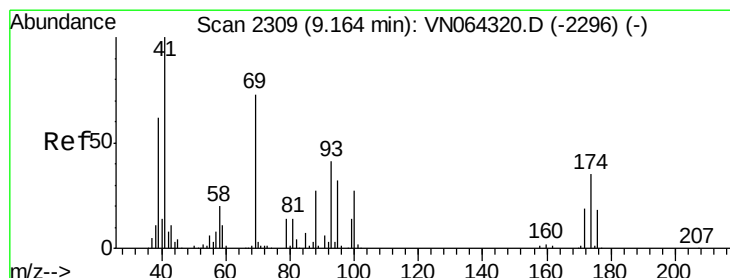
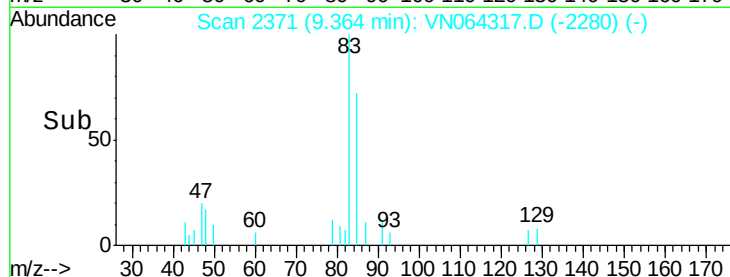
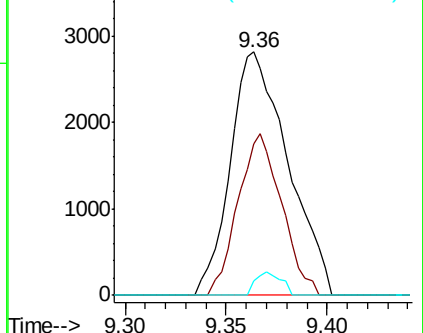
127 5.7 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VN064317.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064317.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064317.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.088 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

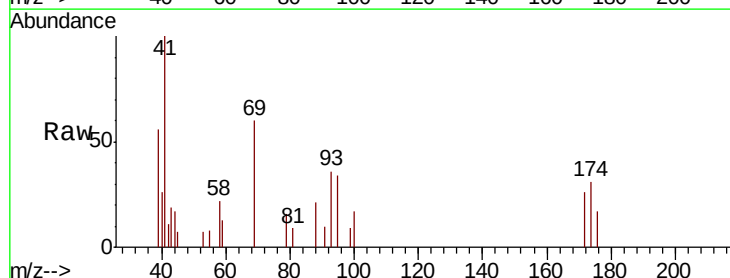
Tgt Ion: 41 Resp: 3986

Ion Ratio Lower Upper

41 100

69 68.3 59.1 88.7

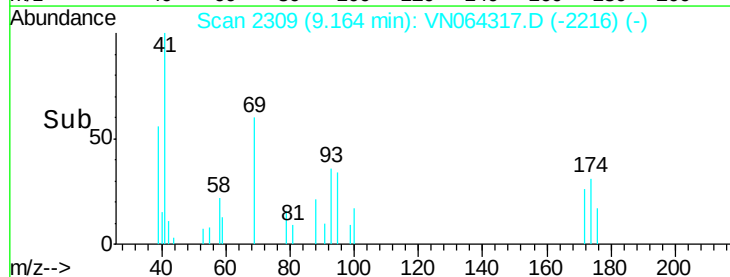
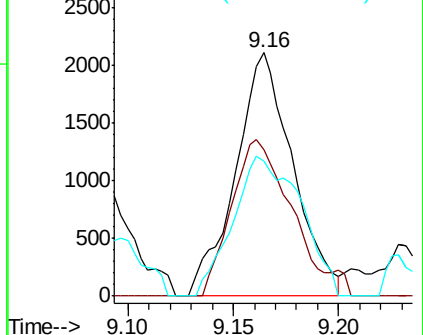
39 67.9 51.3 76.9

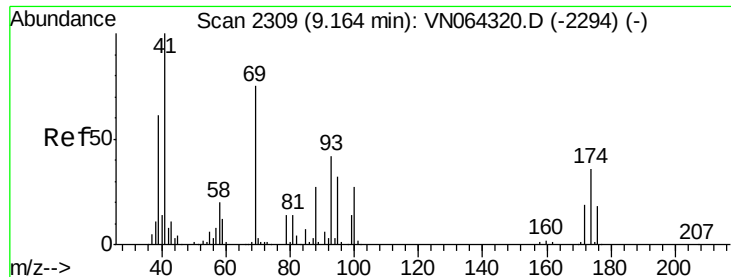


Abundance Ion 41.00 (40.70 to 41.70): VN064317.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064317.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064317.D (-2216) (-)





#49

1,4-Dioxane

Concen: 19.508 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

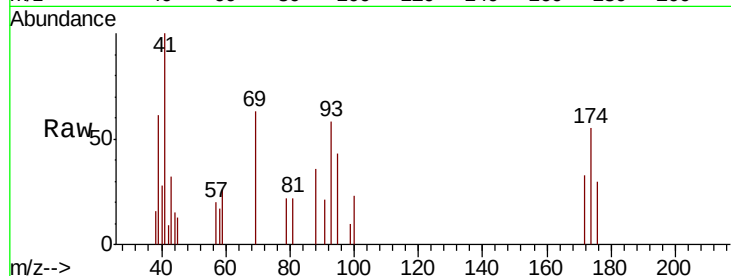
Tot Ion: 88 Resp: 878

Ion Ratio Lower Upper

88 100

43 115.9 31.8 47.8#

58 63.6 60.3 90.5

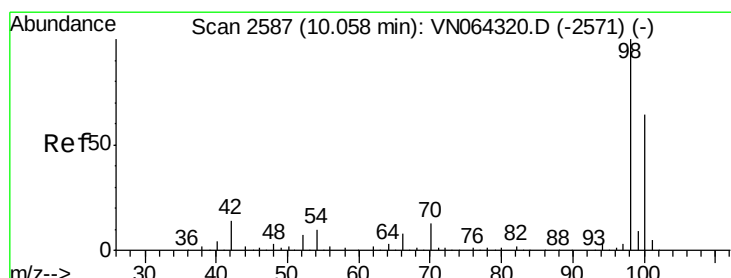
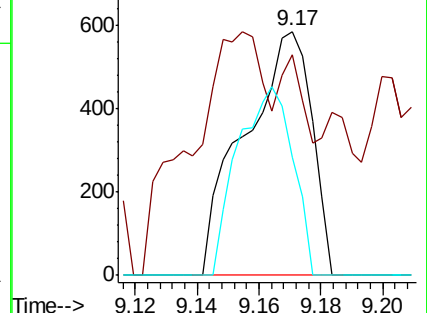
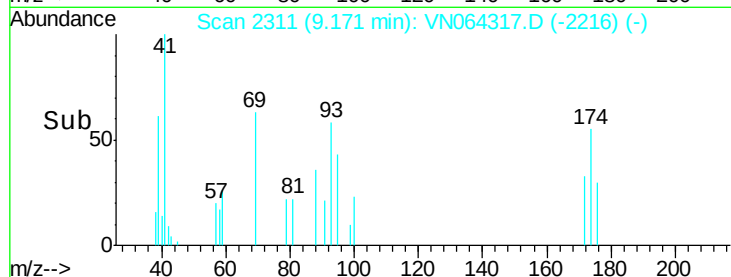


Abundance Ion 88.00 (87.70 to 88.70): VN064317.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064317.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064317.D (-2216) (-)

Time-->



#50

Toluene-d8

Concen: 0.875 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN064317.D

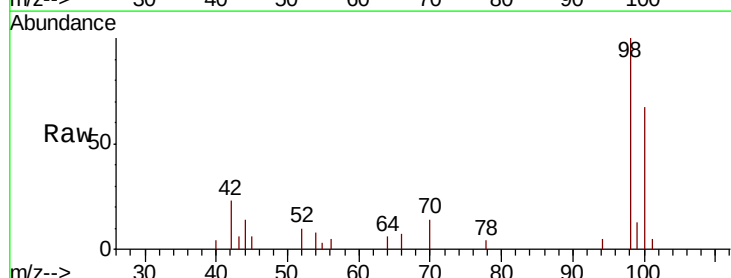
Acq: 27 Oct 2020 9:56

Tgt Ion: 98 Resp: 8681

Ion Ratio Lower Upper

98 100

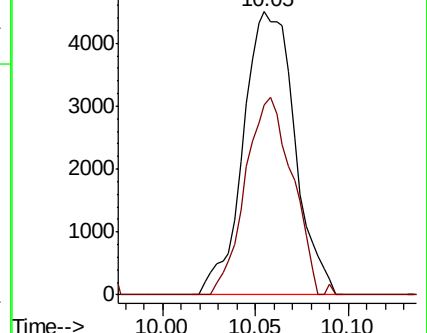
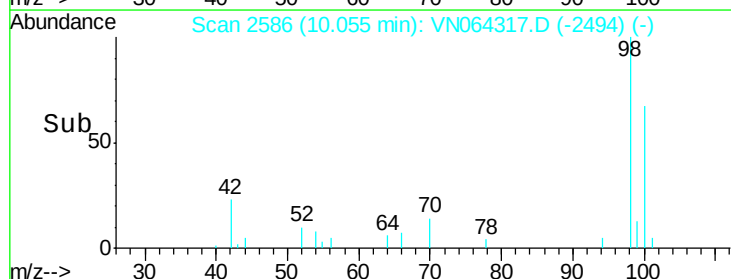
100 63.5 50.9 76.3

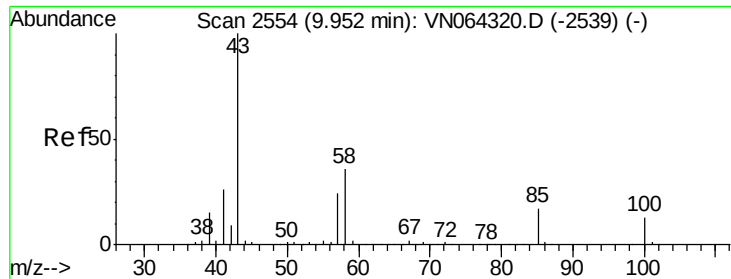


Abundance Ion 98.00 (97.70 to 98.70): VN064317.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064317.D (-2494) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 5.373 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

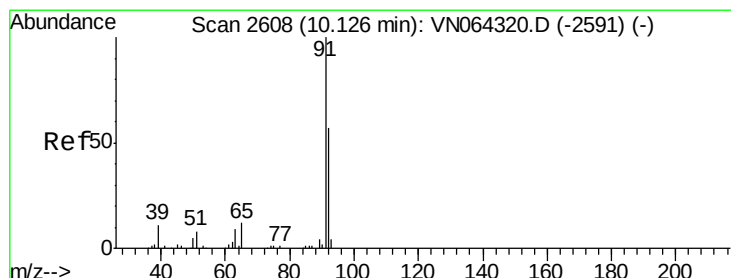
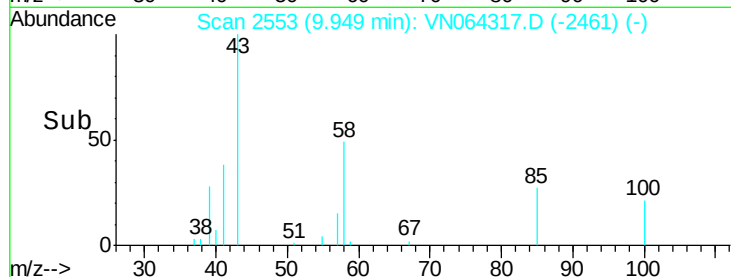
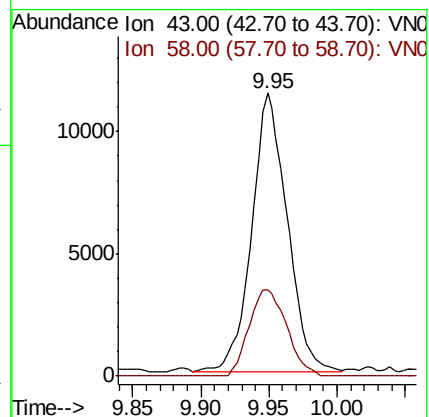
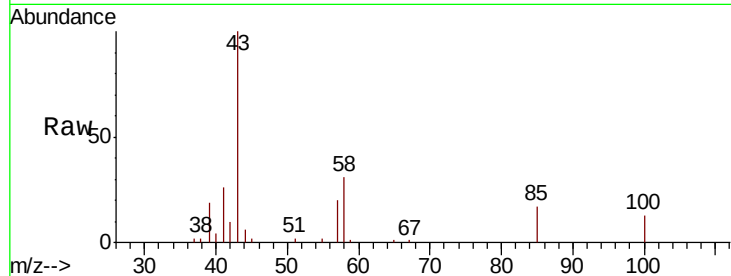
VSTDIC001

Tot Ion: 43 Resp: 20488

Ion Ratio Lower Upper

43 100

58 32.8 28.6 42.8



#52

Toluene

Concen: 1.052 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064317.D

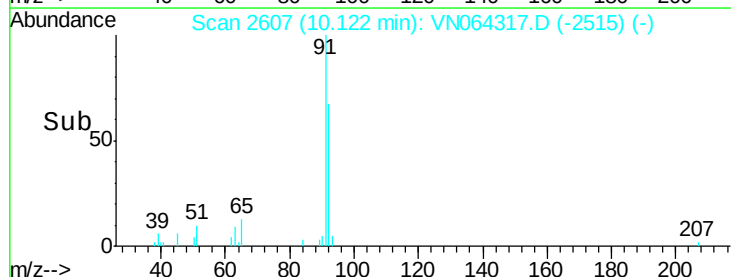
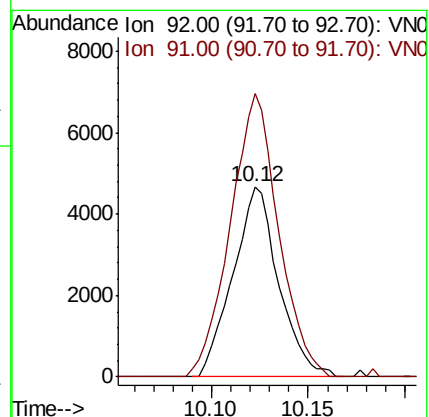
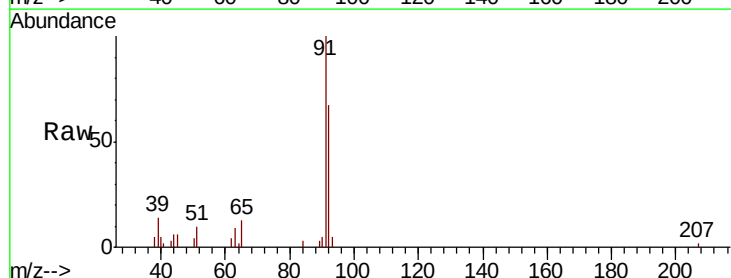
Acq: 27 Oct 2020 9:56

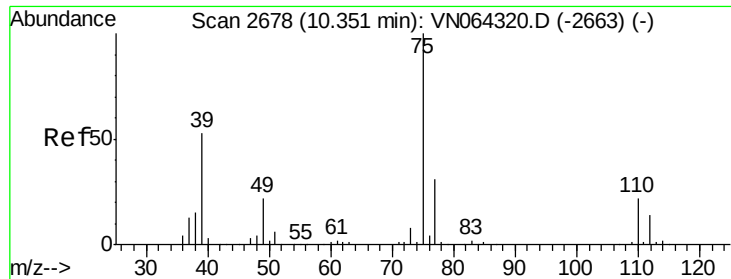
Tgt Ion: 92 Resp: 7659

Ion Ratio Lower Upper

92 100

91 157.1 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 0.989 ug/l

RT: 10.36 min Scan# 2680

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

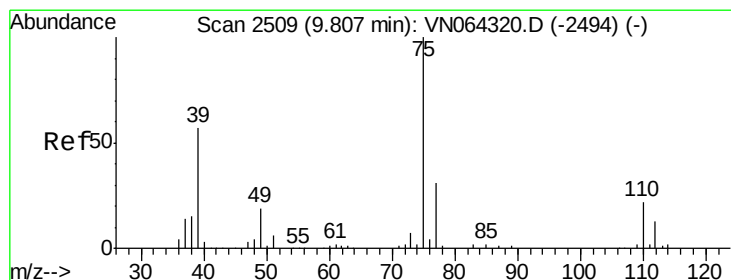
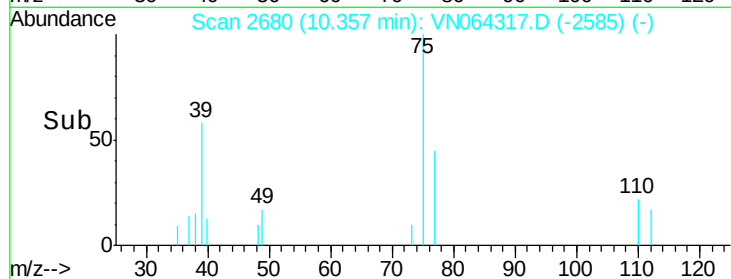
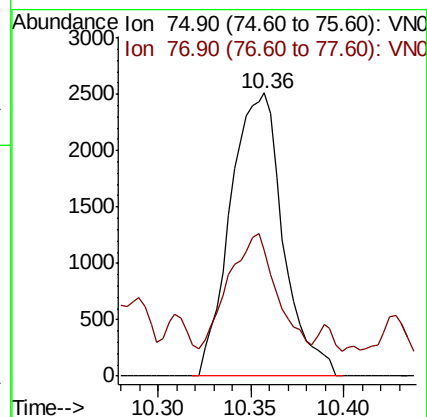
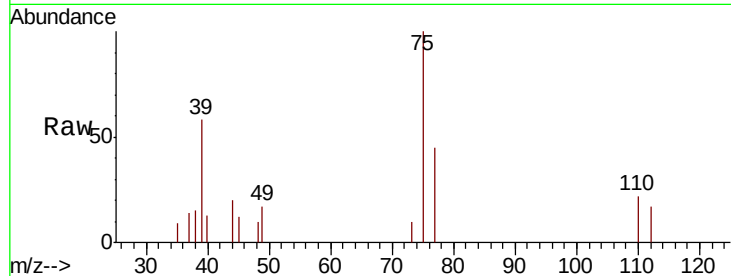
VSTDIC001

Tot Ion: 75 Resp: 4952

Ion Ratio Lower Upper

75 100

77 36.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 0.978 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

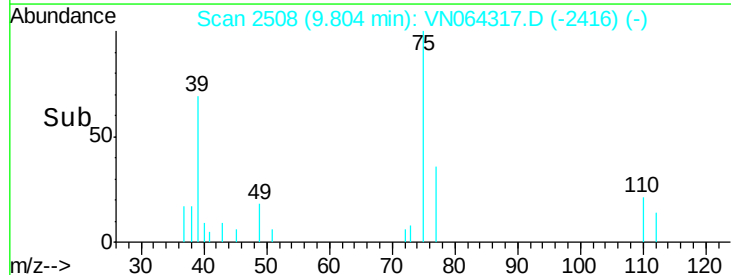
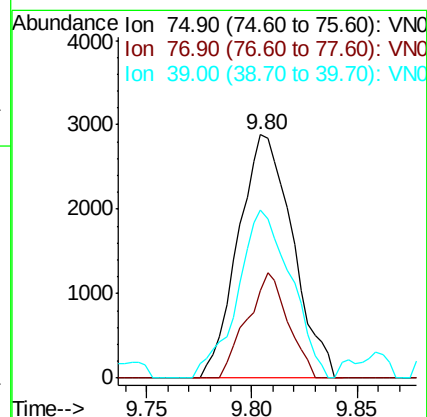
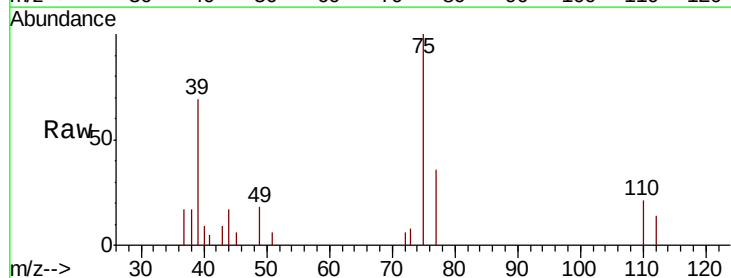
Tgt Ion: 75 Resp: 5174

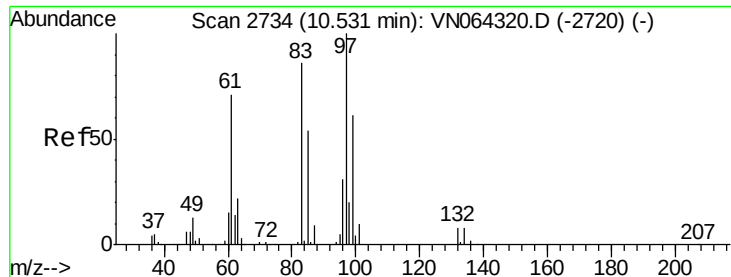
Ion Ratio Lower Upper

75 100

77 35.9 25.0 37.4

39 68.8 45.5 68.3#

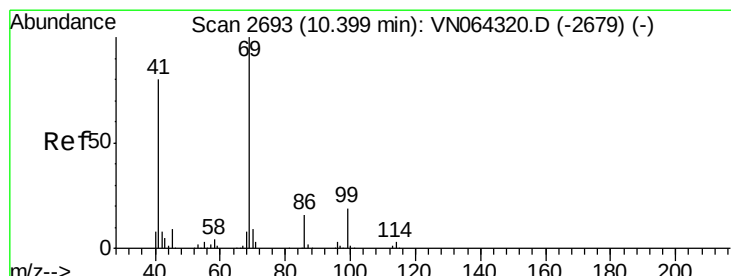
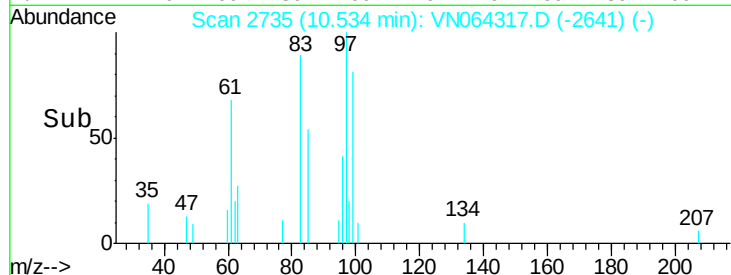
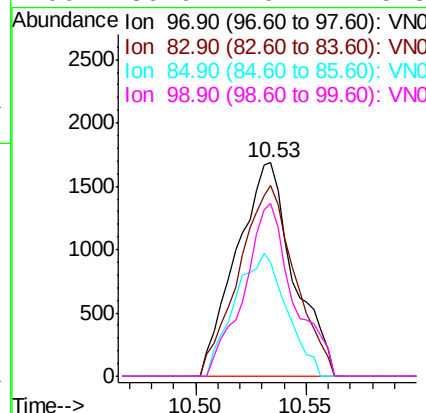
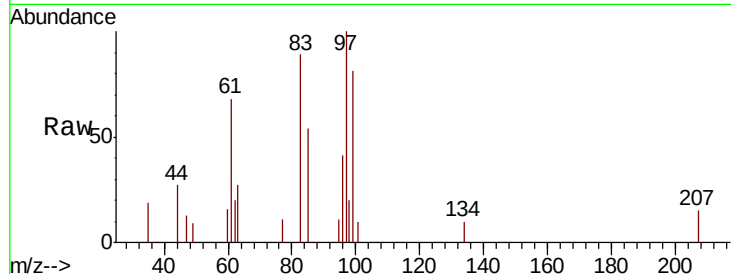




#55
 1,1,2-Trichloroethane
 Concen: 1.095 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

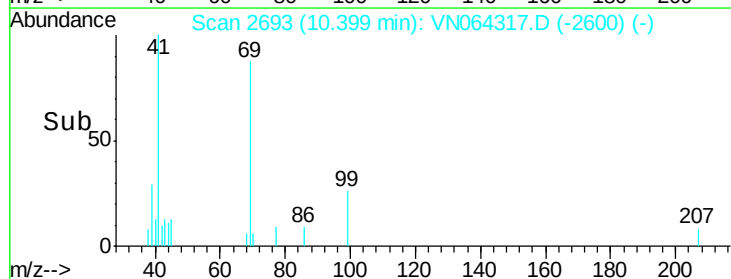
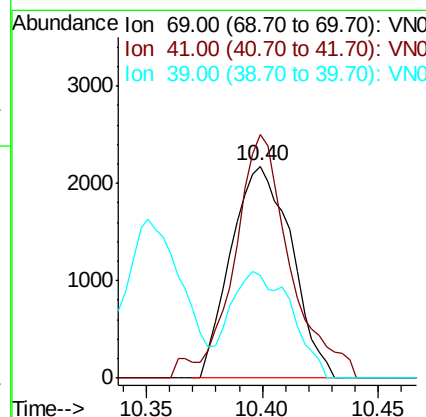
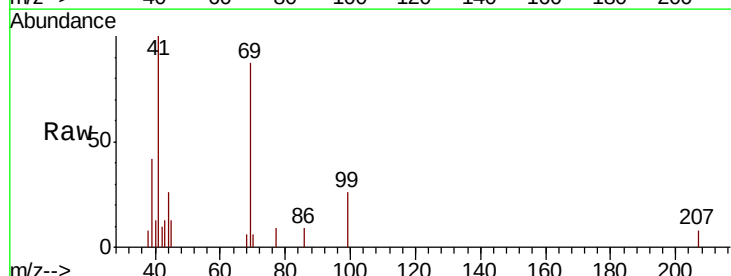
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

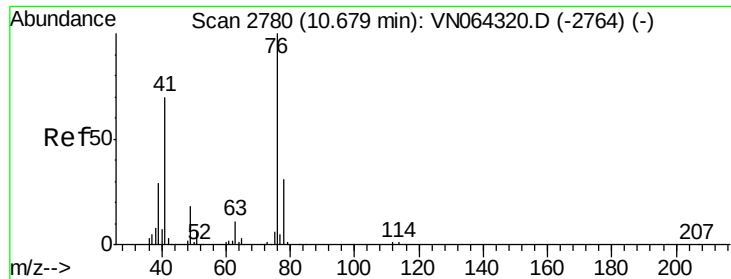
Tot Ion: 97 Resp: 3024
 Ion Ratio Lower Upper
 97 100
 83 89.2 68.9 103.3
 85 53.6 43.6 65.4
 99 80.9 49.2 73.8#



#56
 Ethyl methacrylate
 Concen: 0.925 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion: 69 Resp: 3954
 Ion Ratio Lower Upper
 69 100
 41 103.4 61.4 92.2#
 39 51.3 36.5 54.7





#57

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

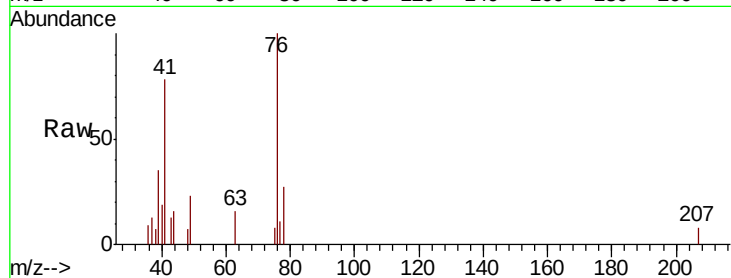
VSTDIC001

Tot Ion: 76 Resp: 4716

Ion Ratio Lower Upper

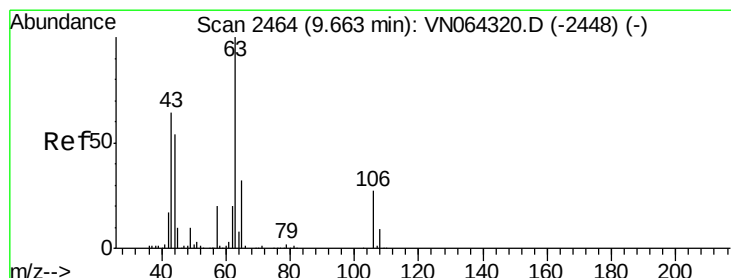
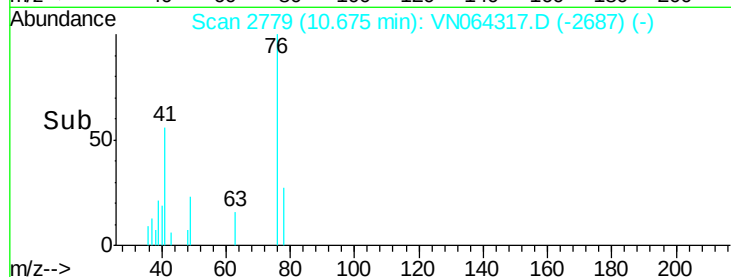
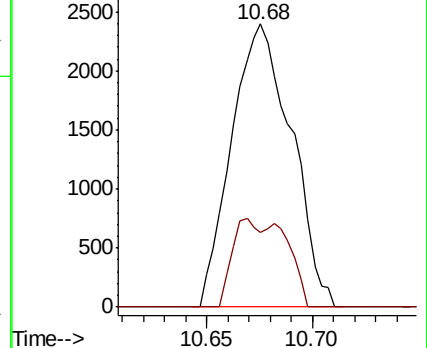
76 100

78 14.7 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: 6.302 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064317.D

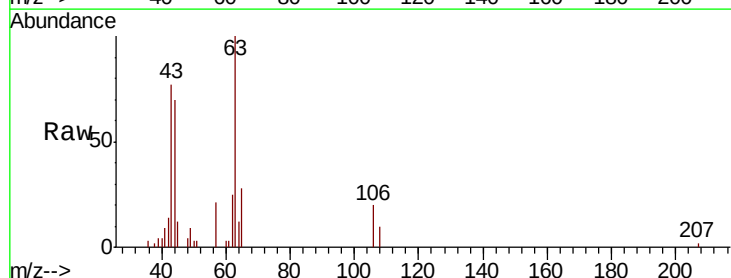
Acq: 27 Oct 2020 9:56

Tgt Ion: 63 Resp: 13824

Ion Ratio Lower Upper

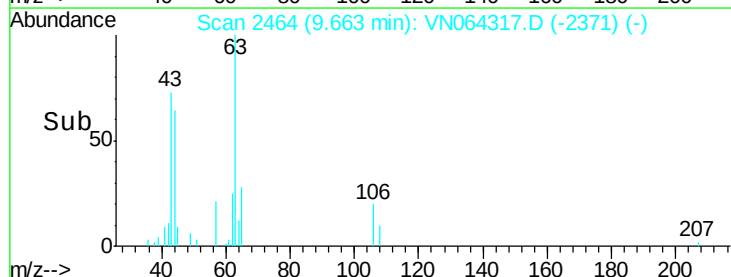
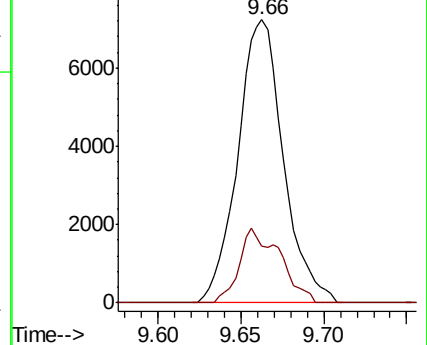
63 100

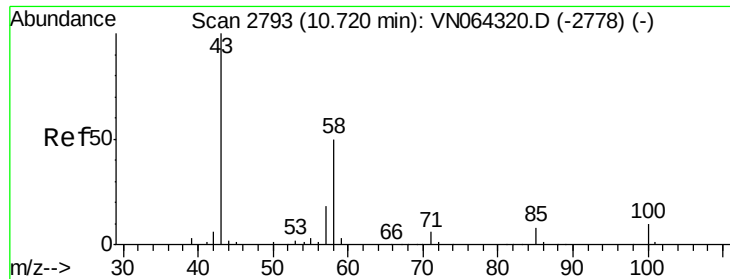
106 23.6 21.0 31.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 5.016 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

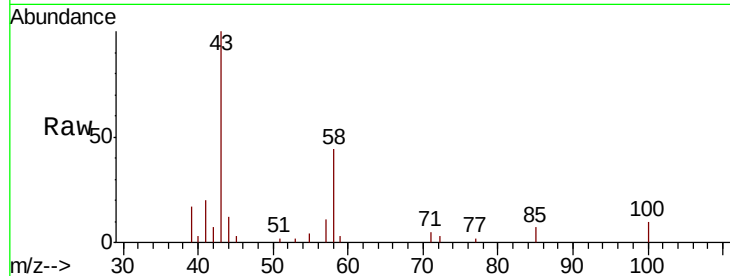
VSTDIC001

Tot Ion: 43 Resp: 14015

Ion Ratio Lower Upper

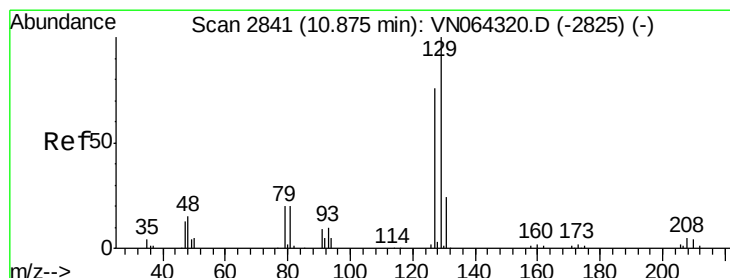
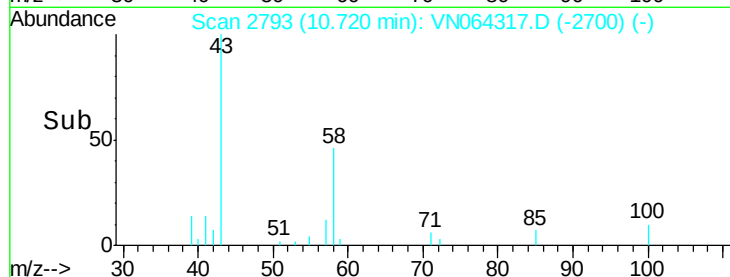
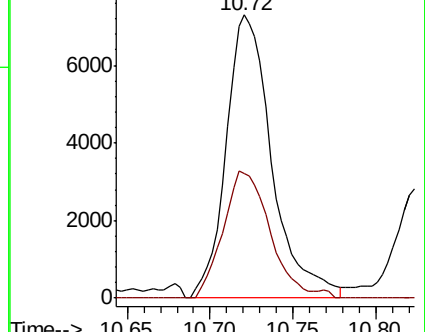
43 100

58 45.5 25.0 75.0



Abundance Ion 43.00 (42.70 to 43.70): VN064317.D (-2700) (-)

Ion 58.00 (57.70 to 58.70): VN064317.D (-2700) (-)



#60

Dibromochloromethane

Concen: 0.889 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064317.D

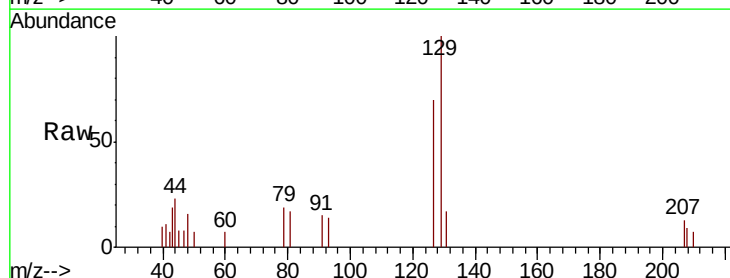
Acq: 27 Oct 2020 9:56

Tgt Ion: 129 Resp: 3175

Ion Ratio Lower Upper

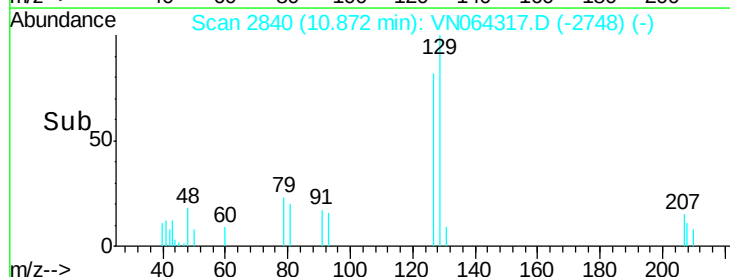
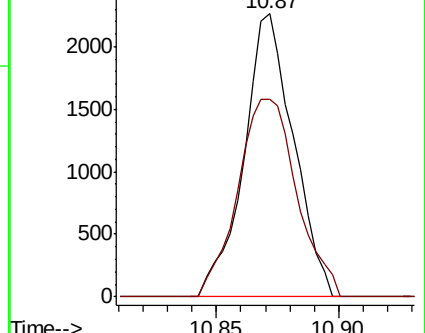
129 100

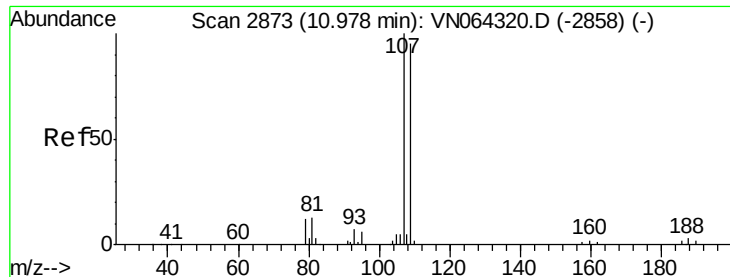
127 83.7 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VN064317.D (-2748) (-)

Ion 126.80 (126.50 to 127.50): VN064317.D (-2748) (-)





#61

1,2-Dibromoethane

Concen: 0.825 ug/l

RT: 10.97 min Scan# 2871

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

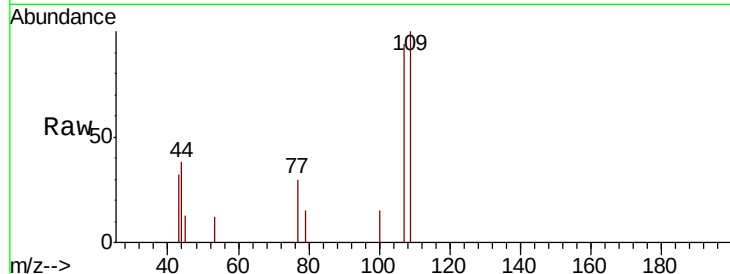
VSTDIC001

Tot Ion:107 Resp: 2411

Ion Ratio Lower Upper

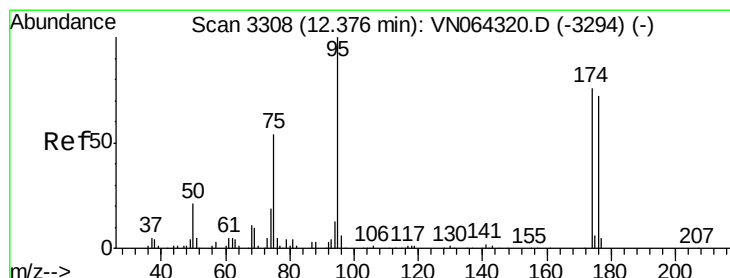
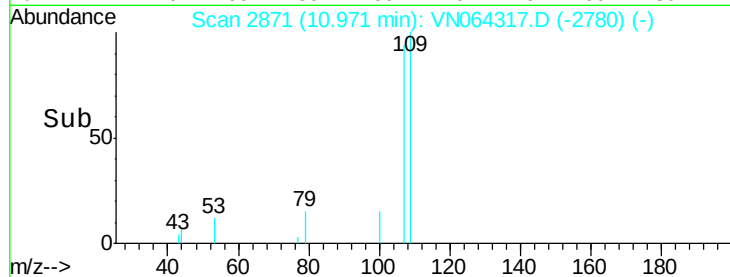
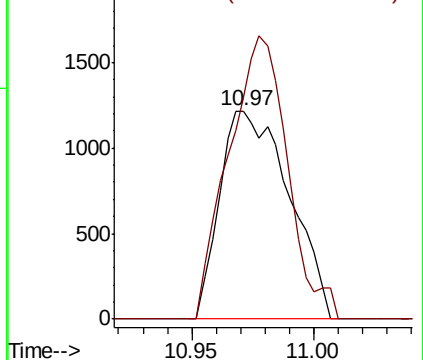
107 100

109 115.1 75.8 113.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.800 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

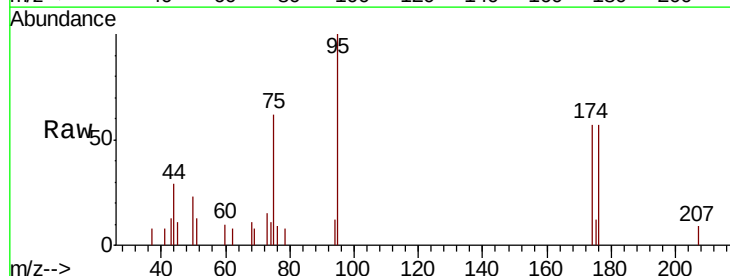
Tgt Ion: 95 Resp: 3219

Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.4

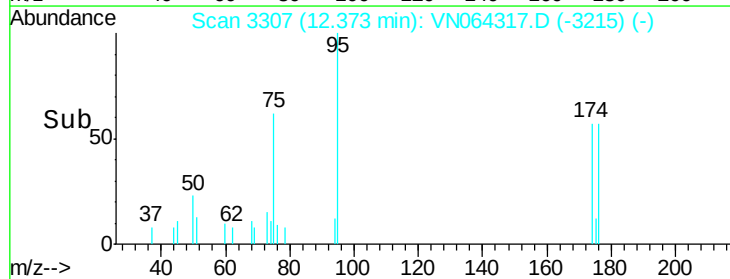
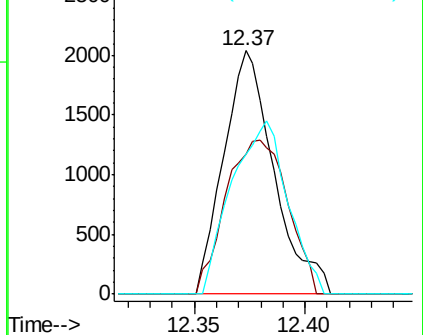
176 79.6 0.0 143.6

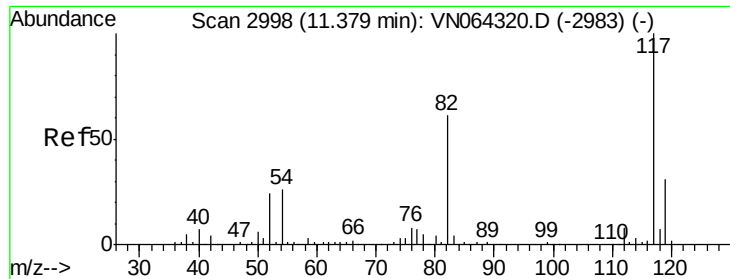


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

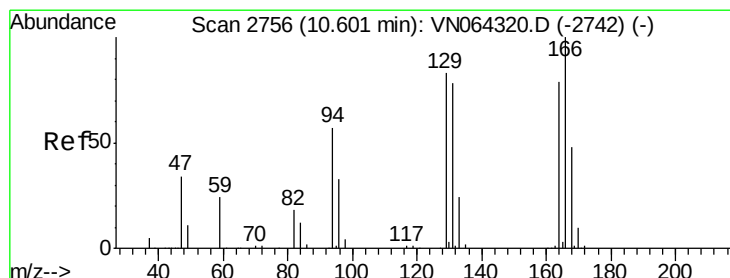
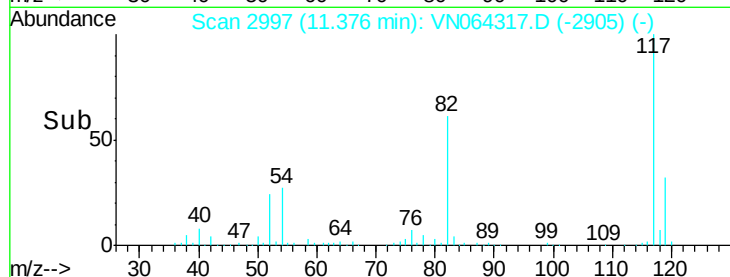
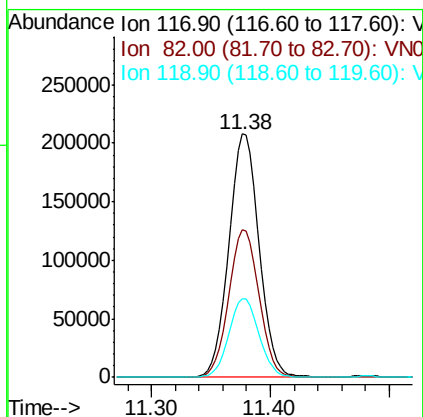
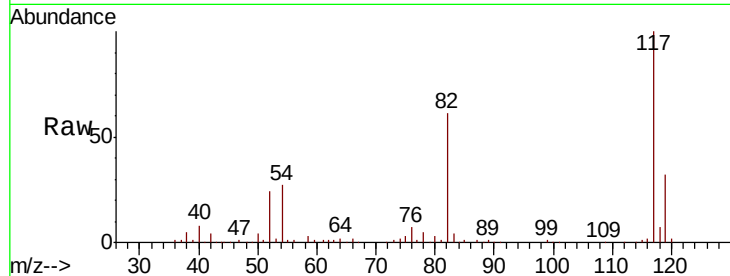




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

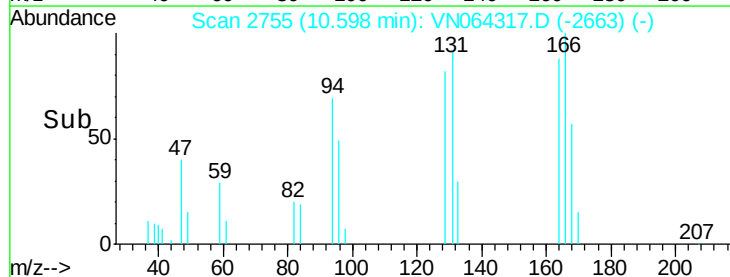
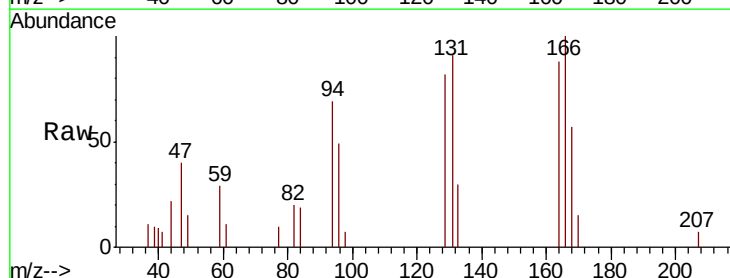
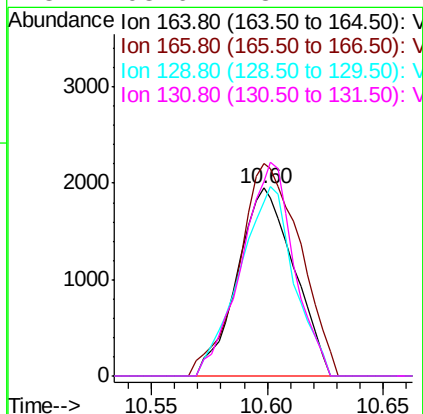
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

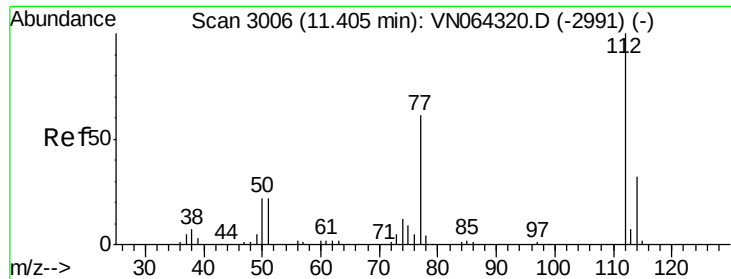
Tot Ion:117 Resp: 366121
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.5 25.1 37.7



#64
Tetrachloroethene
Concen: 1.120 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion:164 Resp: 3311
Ion Ratio Lower Upper
164 100
166 113.2 100.7 151.1
129 92.5 83.7 125.5
131 103.6 78.2 117.2

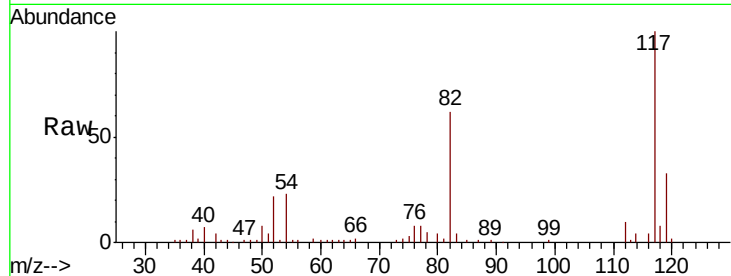




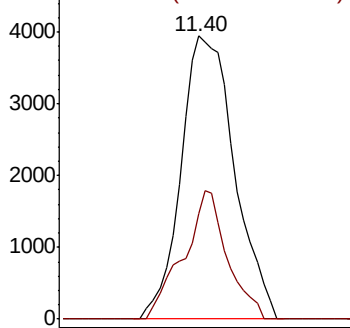
#65
Chlorobenzene
Concen: 0.967 ug/l
RT: 11.40 min Scan# 3004
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

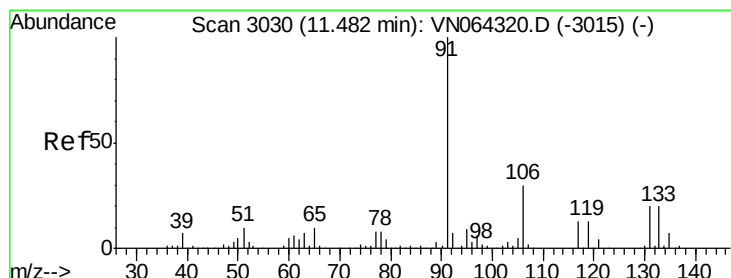
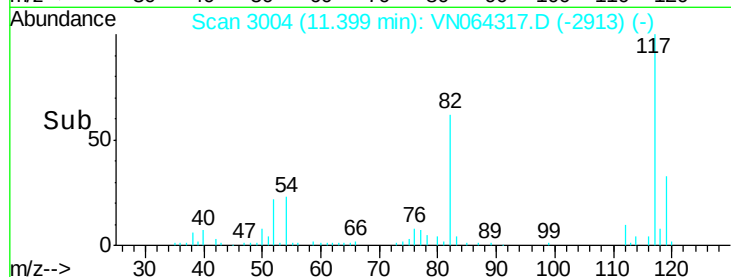
Tot Ion:112 Resp: 7298
Ion Ratio Lower Upper
112 100
114 37.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

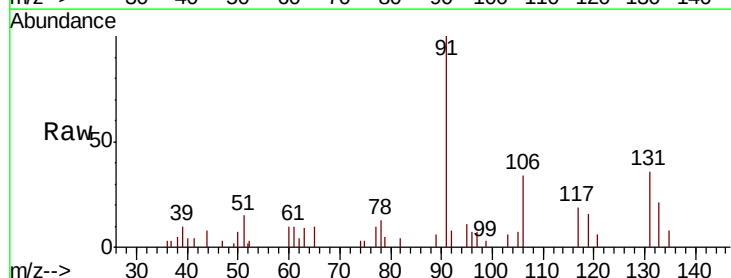


Time-->

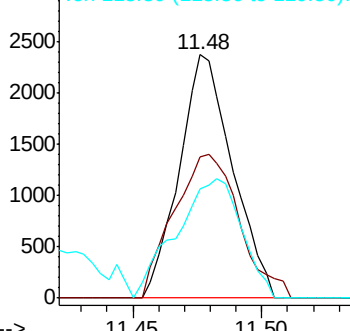


#66
1,1,1,2-Tetrachloroethane
Concen: 1.135 ug/l
RT: 11.48 min Scan# 3028
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

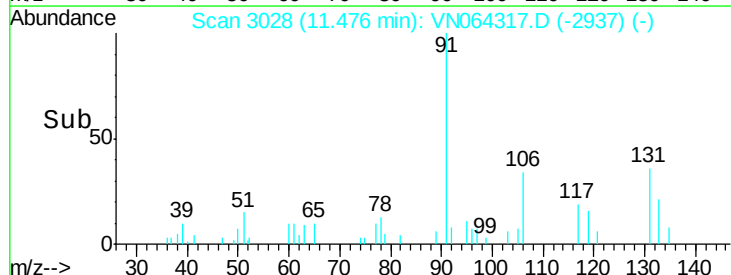
Tgt Ion:131 Resp: 3400
Ion Ratio Lower Upper
131 100
133 72.9 49.3 147.8
119 0.0 32.3 96.9#

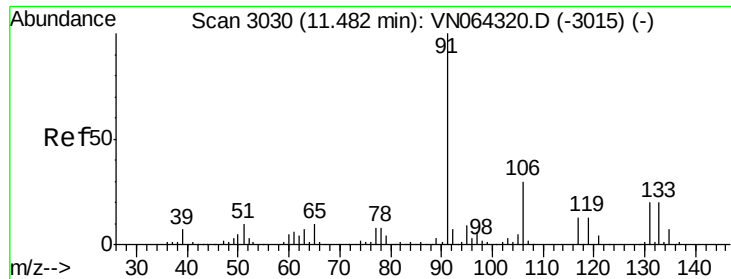


Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



Time-->

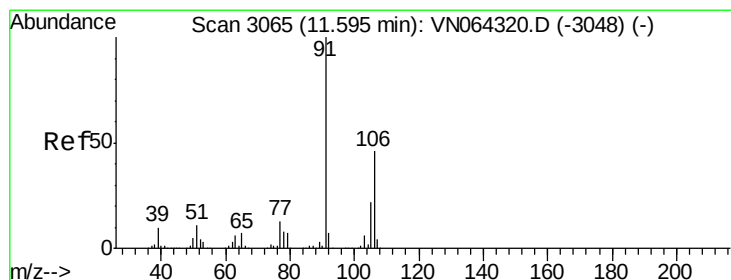
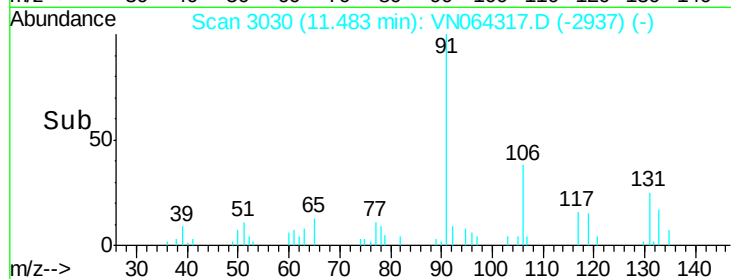
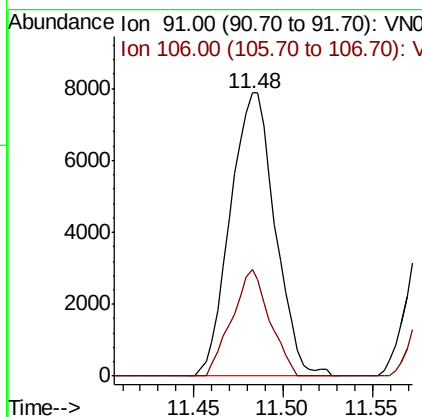
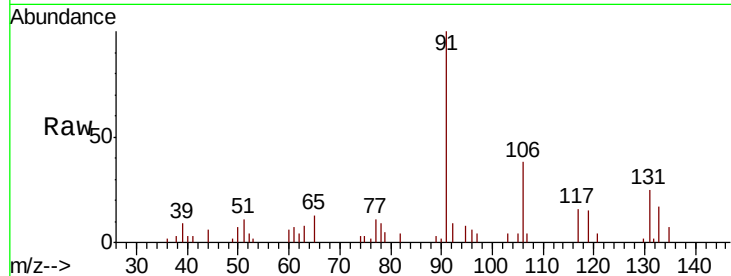




#67
Ethyl Benzene
Concen: 0.994 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

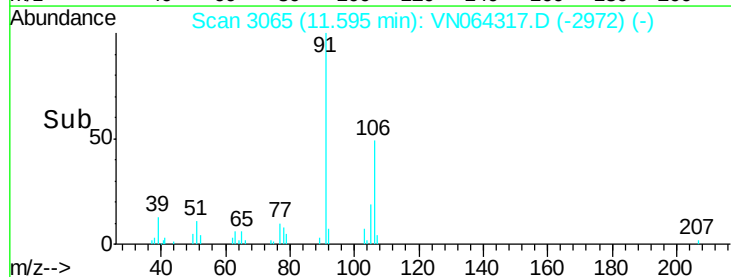
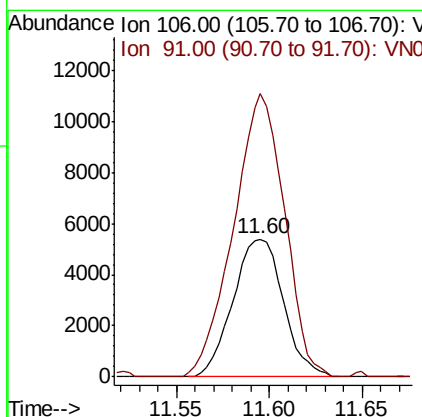
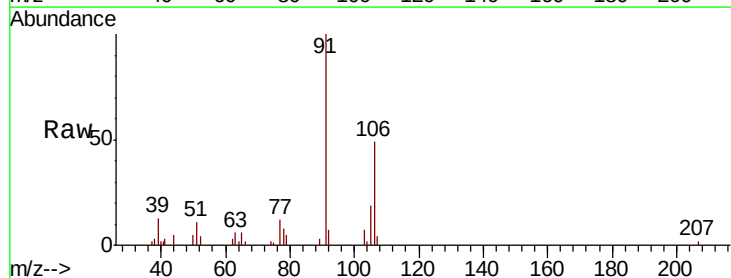
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

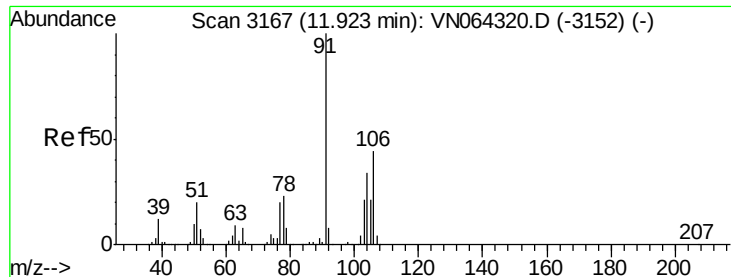
Tot Ion: 91 Resp: 13822
Ion Ratio Lower Upper
91 100
106 37.7 23.7 35.5#



#68
m/p-Xylenes
Concen: 1.972 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 106 Resp: 10162
Ion Ratio Lower Upper
106 100
91 208.7 170.2 255.4

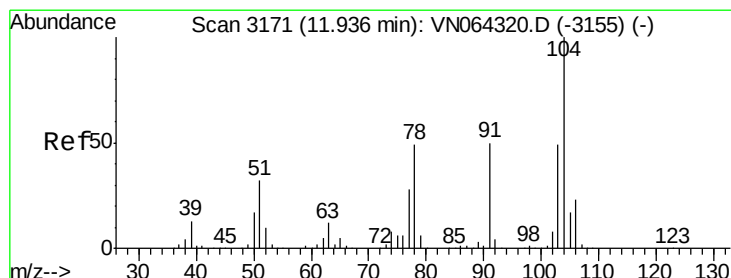
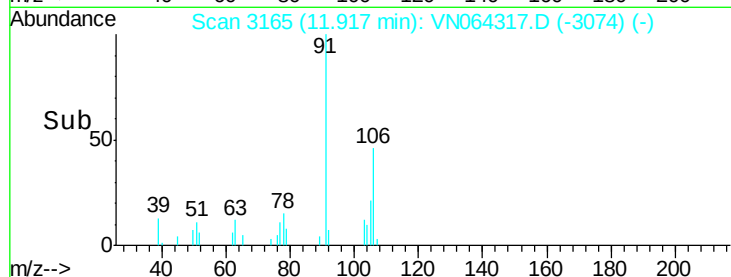
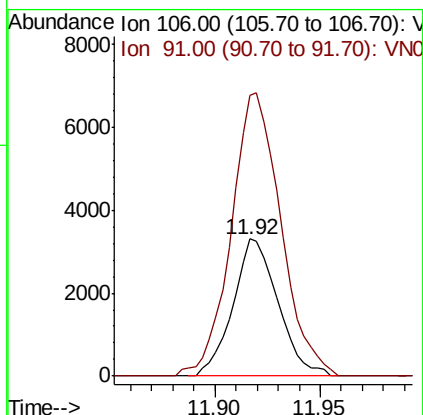
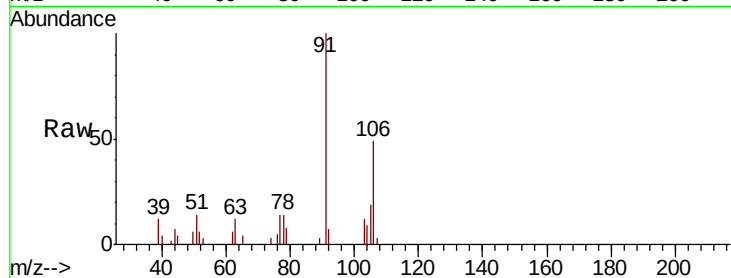




#69
o-Xylene
Concen: 0.992 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

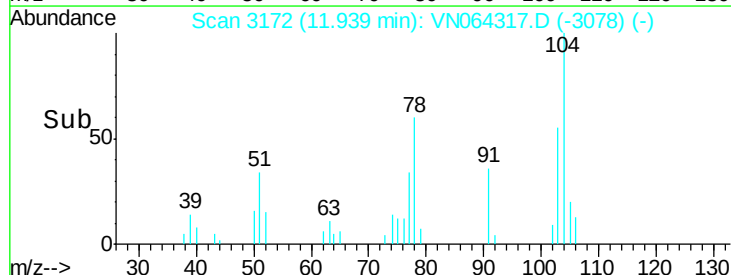
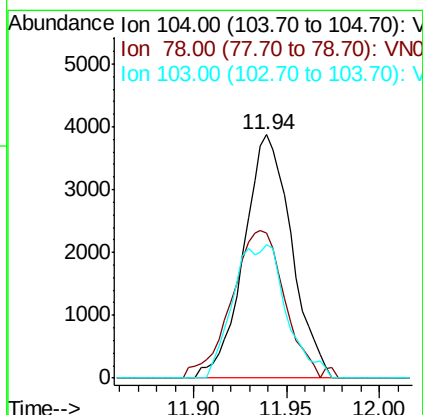
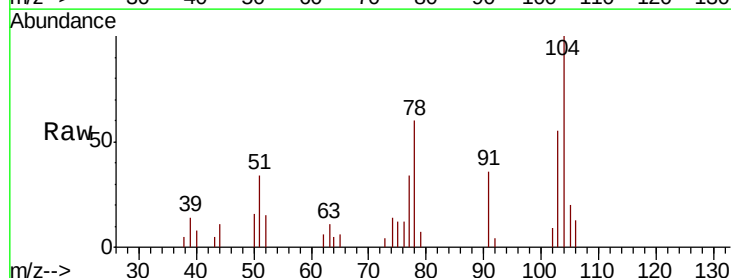
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

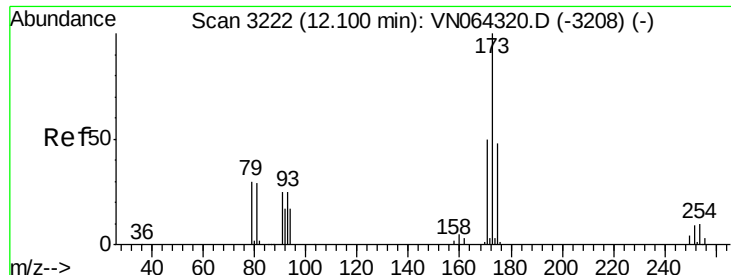
Tot Ion:106 Resp: 4914
Ion Ratio Lower Upper
106 100
91 227.1 114.5 343.5



#70
Styrene
Concen: 0.829 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion:104 Resp: 6907
Ion Ratio Lower Upper
104 100
78 67.3 43.7 65.5#
103 61.2 43.3 64.9

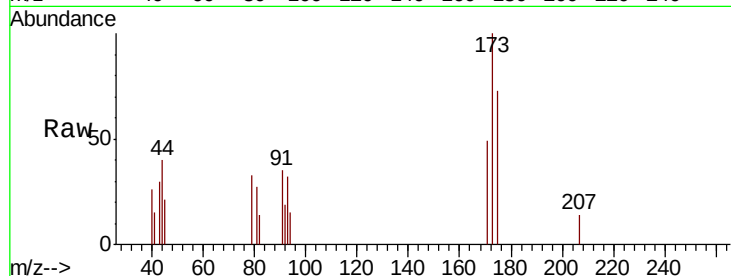




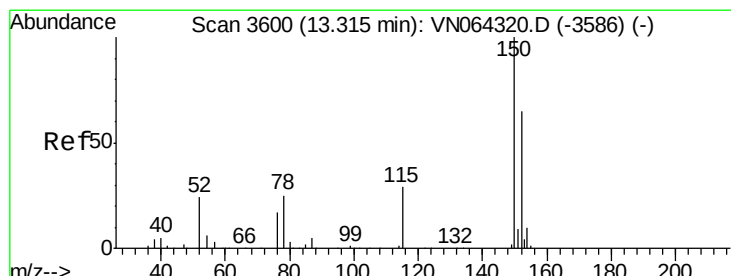
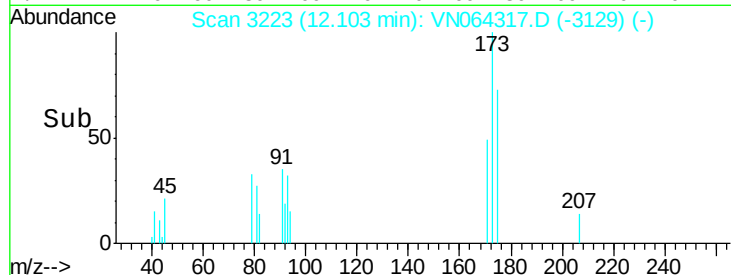
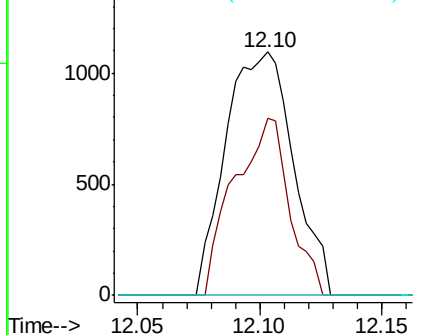
#71
Bromoform
Concen: 0.908 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:173 Resp: 2107
Ion Ratio Lower Upper
173 100
175 59.7 25.4 76.0
254 0.0 0.0 0.0

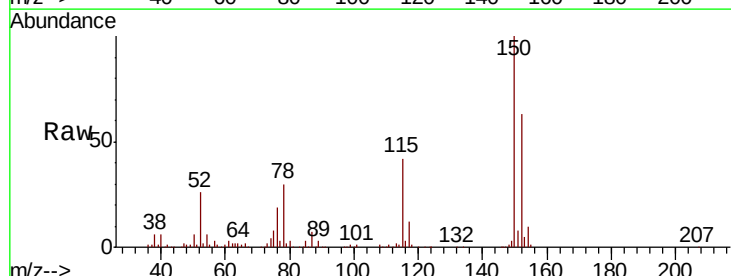


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

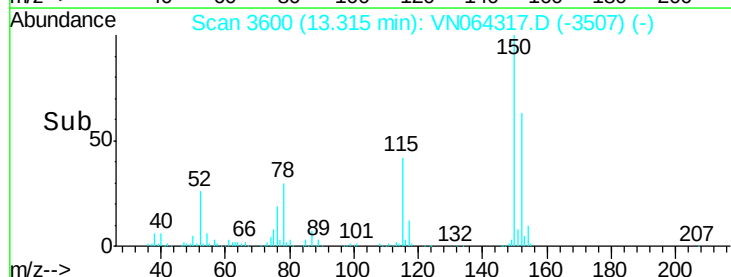
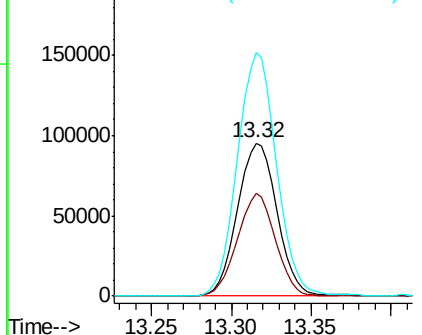


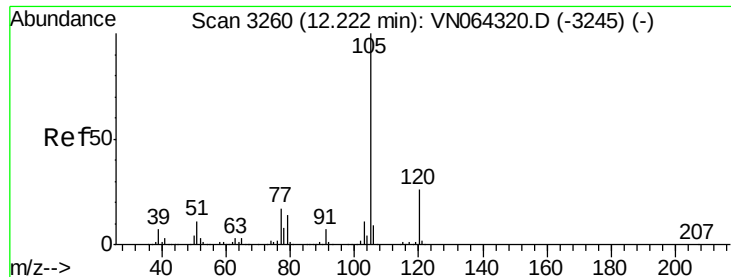
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion:152 Resp: 161250
Ion Ratio Lower Upper
152 100
115 63.1 31.5 94.5
150 157.4 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: 1.054 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

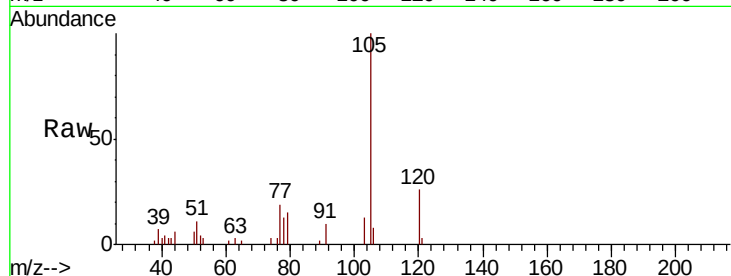
VSTDIC001

Tot Ion:105 Resp: 12888

Ion Ratio Lower Upper

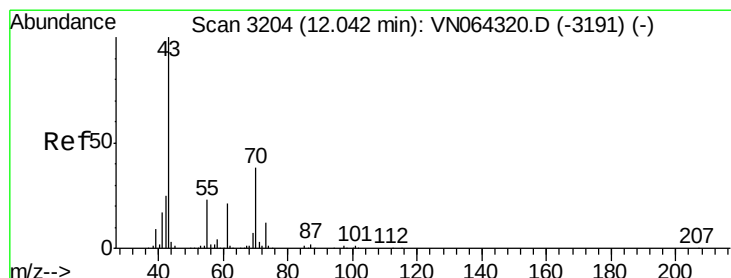
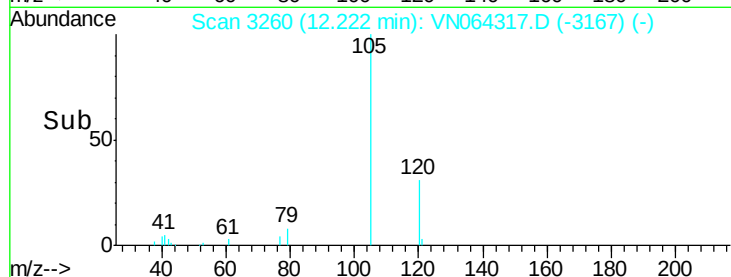
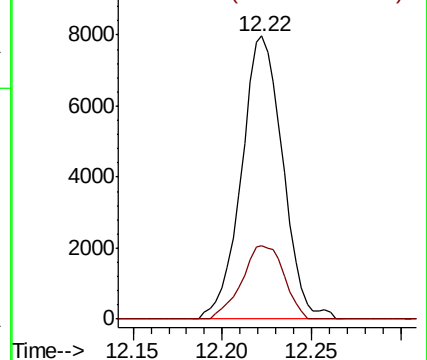
105 100

120 26.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.869 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Tgt Ion: 43 Resp: 4626

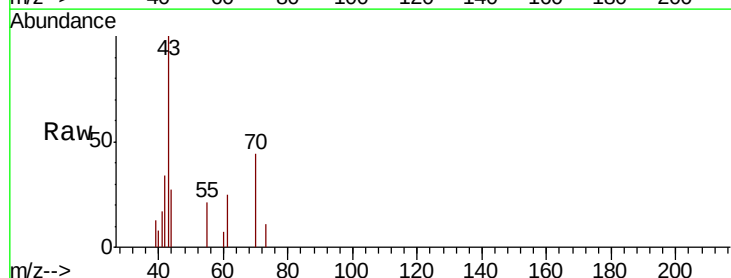
Ion Ratio Lower Upper

43 100

70 38.9 30.6 45.8

55 22.0 18.2 27.4

61 17.4 17.6 26.4#

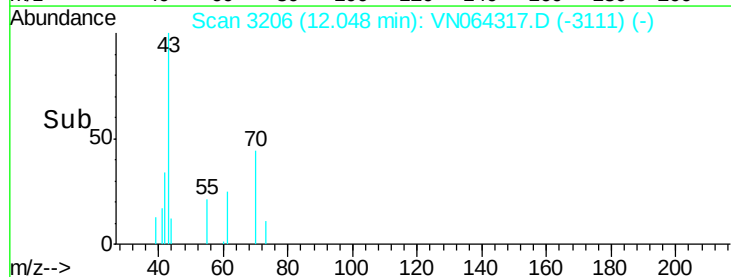
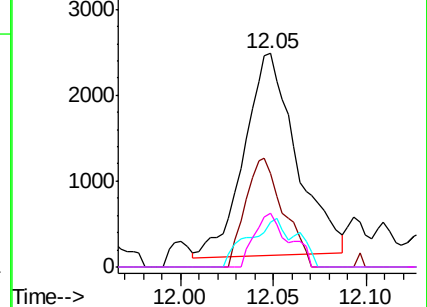


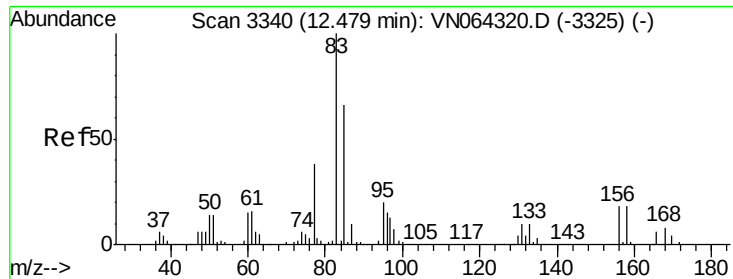
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.176 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

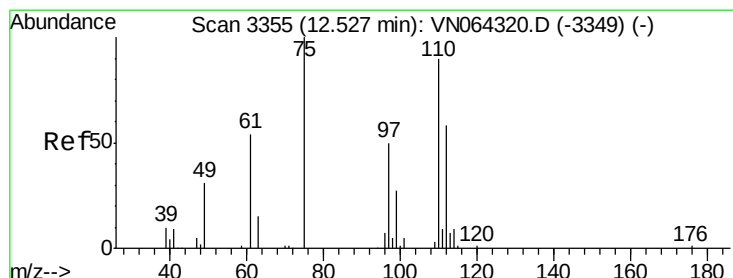
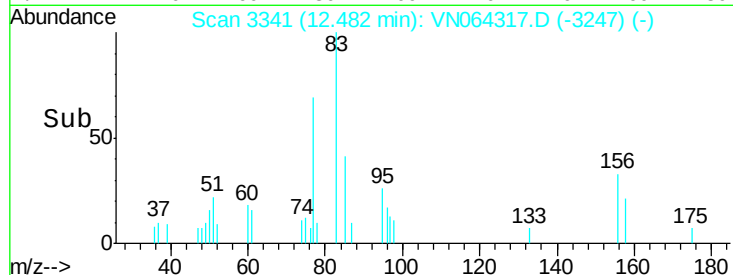
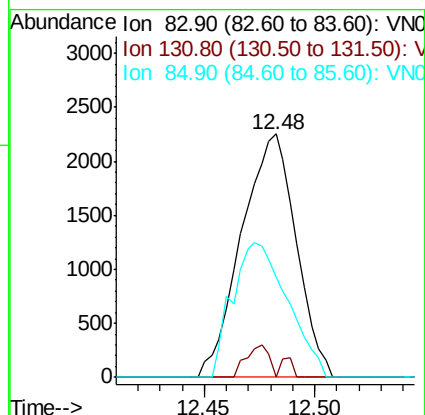
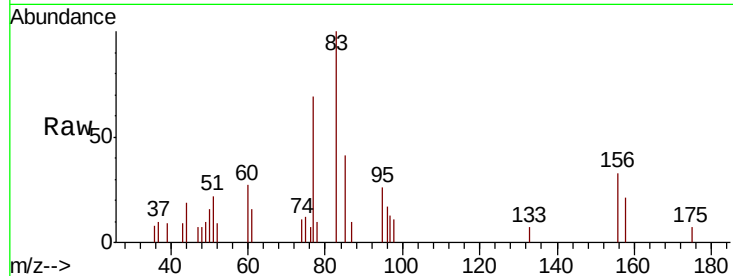
Tot Ion: 83 Resp: 3869

Ion Ratio Lower Upper

83 100

131 1.7 5.4 16.2#

85 0.0 33.0 98.9#



#76

1,2,3-Trichloropropane

Concen: 1.746 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN064317.D

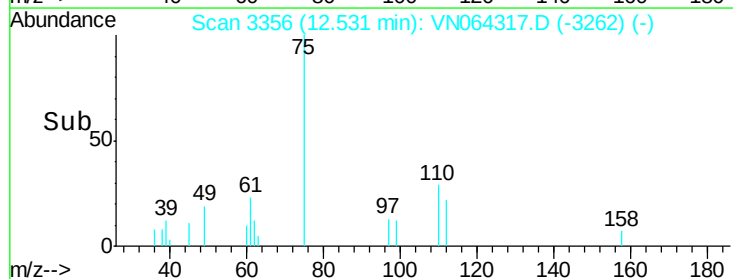
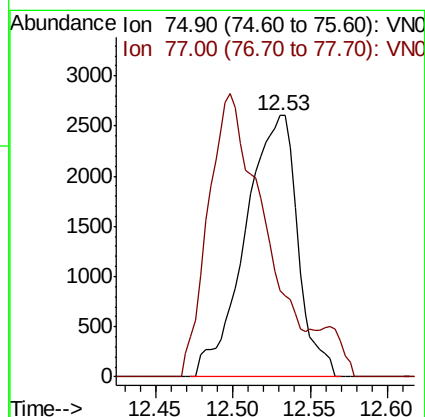
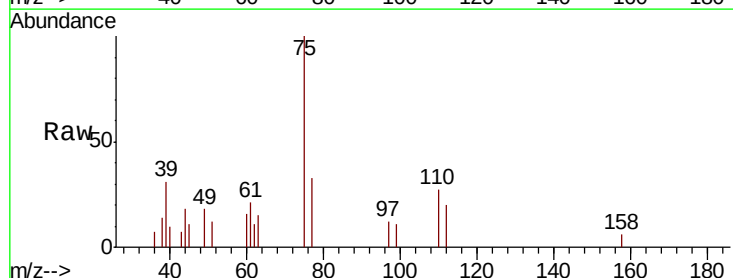
Acq: 27 Oct 2020 9:56

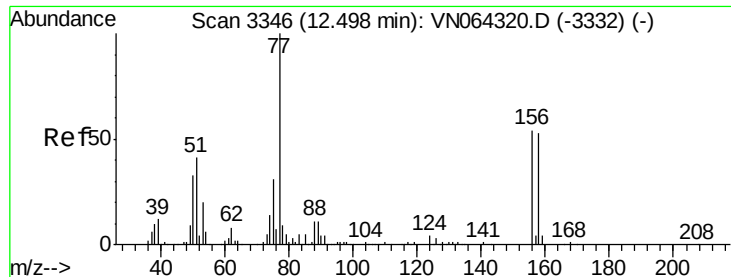
Tgt Ion: 75 Resp: 6117

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 1.057 ug/l

RT: 12.49 min Scan# 3344

Delta R.T. -0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

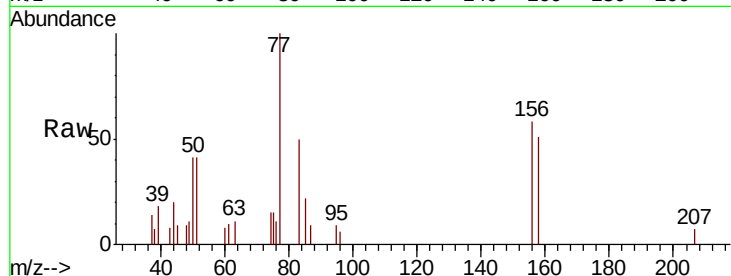
Tot Ion:156 Resp: 3075

Ion Ratio Lower Upper

156 100

77 229.6 111.9 335.7

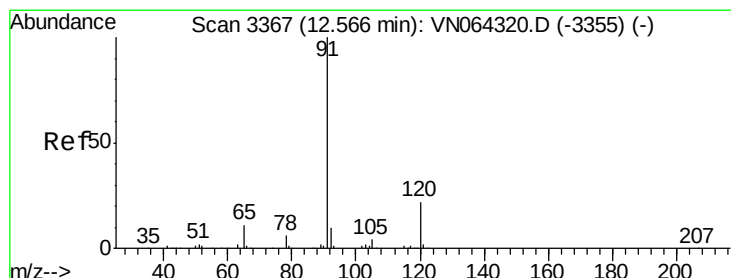
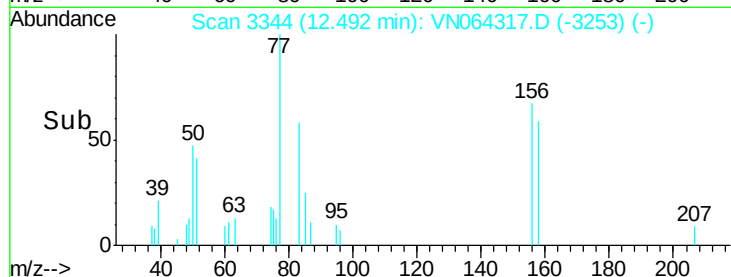
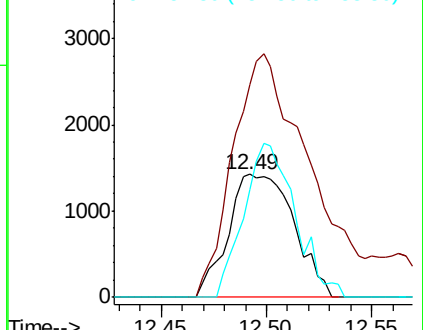
158 98.5 49.0 147.0



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: 0.996 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN064317.D

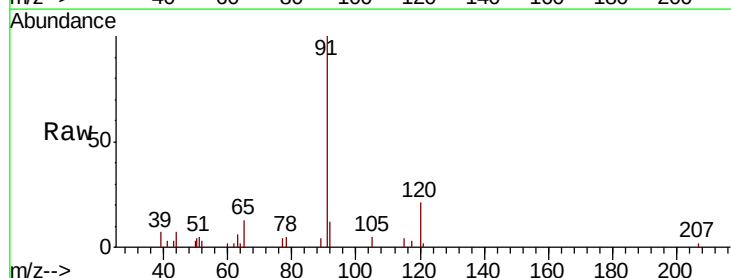
Acq: 27 Oct 2020 9:56

Tgt Ion: 91 Resp: 13782

Ion Ratio Lower Upper

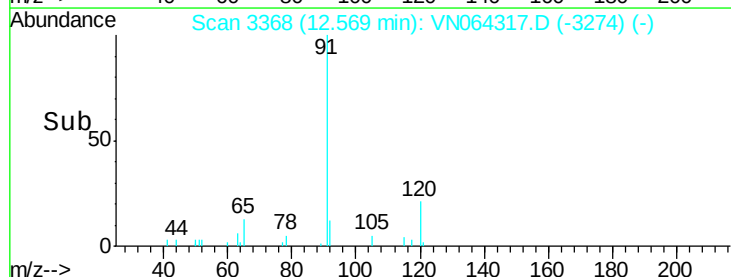
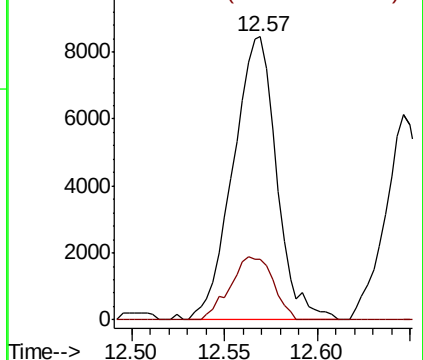
91 100

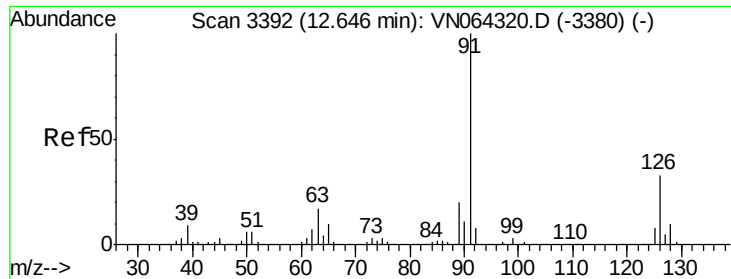
120 22.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.156 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

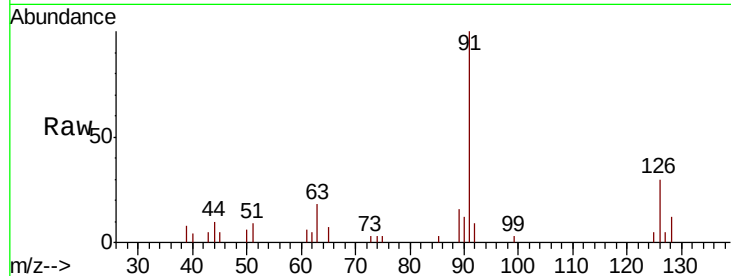
VSTDIC001

Tot Ion: 91 Resp: 9826

Ion Ratio Lower Upper

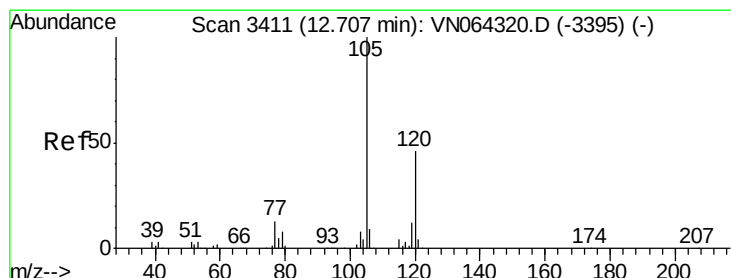
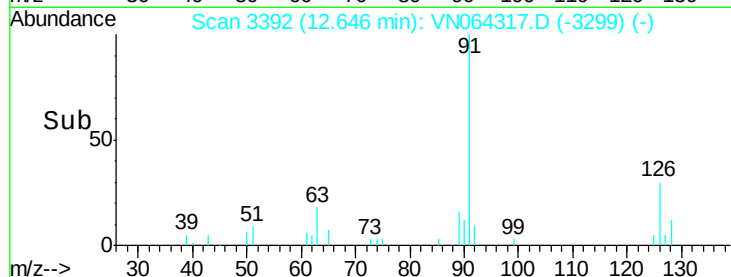
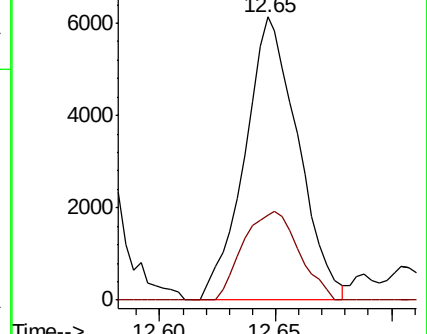
91 100

126 32.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064320.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.011 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064317.D

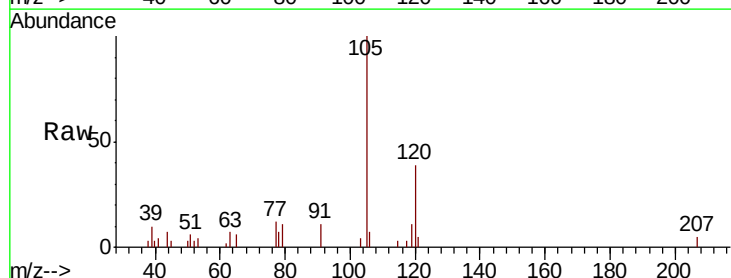
Acq: 27 Oct 2020 9:56

Tgt Ion: 105 Resp: 10467

Ion Ratio Lower Upper

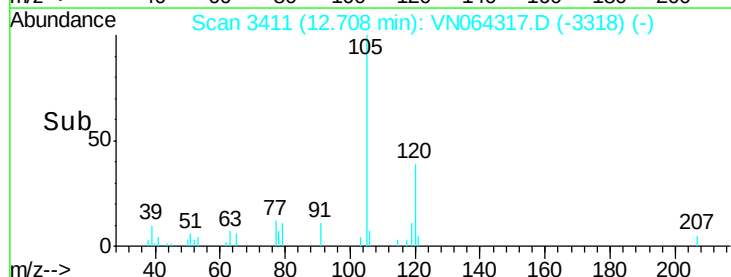
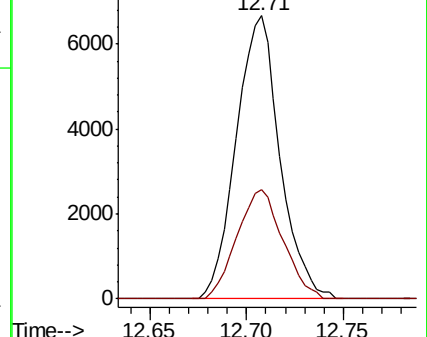
105 100

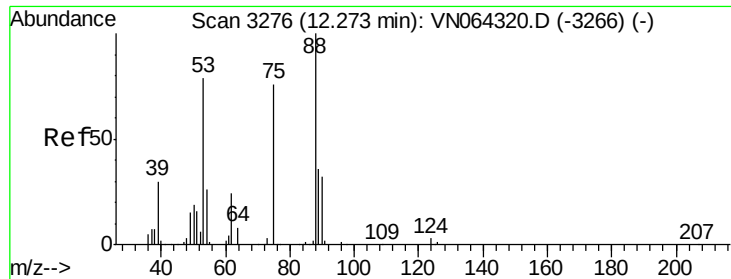
120 40.5 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064320.D (-3395) (-)

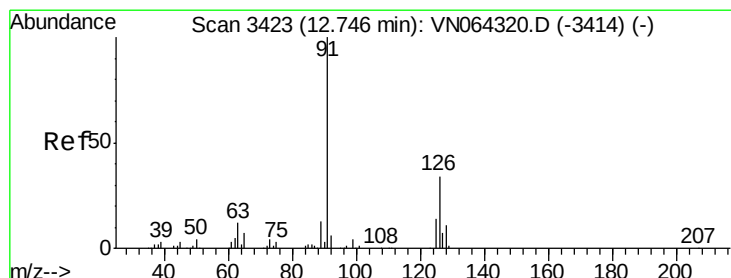
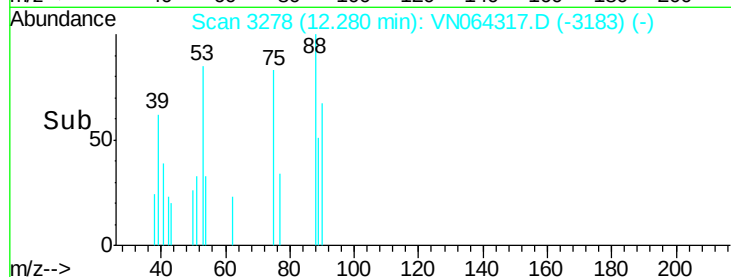
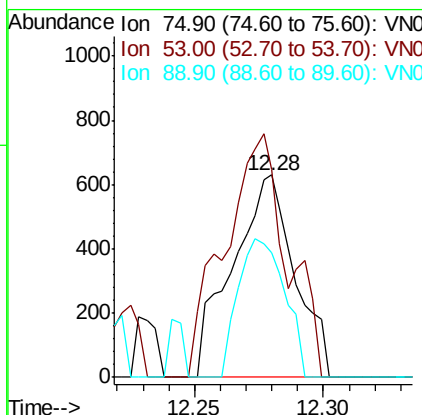
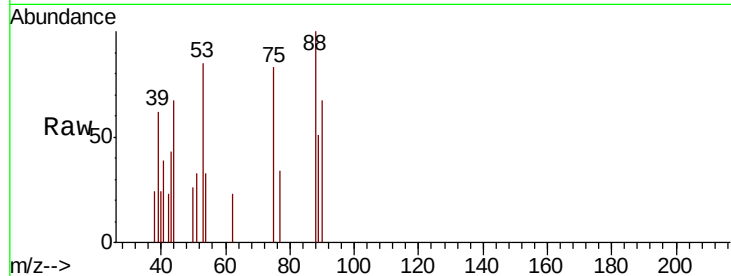




#81
trans-1,4-Dichloro-2-butene
Concen: 0.780 ug/l
RT: 12.28 min Scan# 3278
Delta R.T. 0.01 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

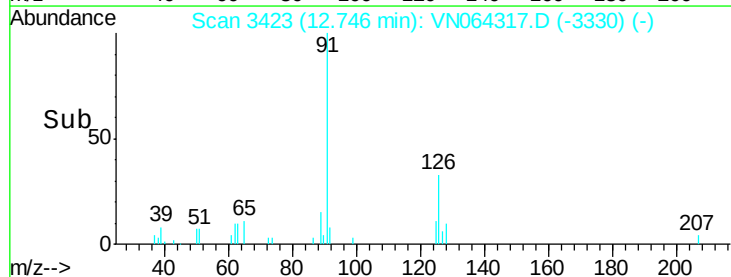
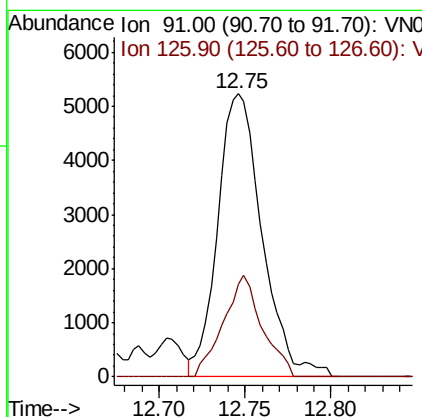
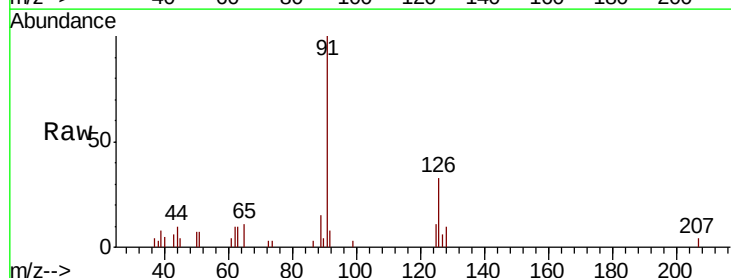
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

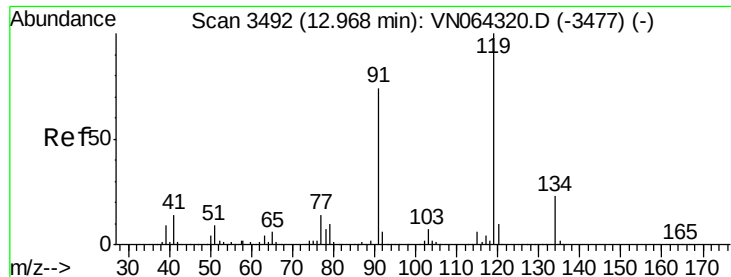
Tot Ion: 75 Resp: 1059
Ion Ratio Lower Upper
75 100
53 121.3 81.8 122.8
89 51.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 1.061 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064317.D
Acq: 27 Oct 2020 9:56

Tgt Ion: 91 Resp: 9401
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.3





#83

tert-Butylbenzene

Concen: 1.039 ug/l

RT: 12.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

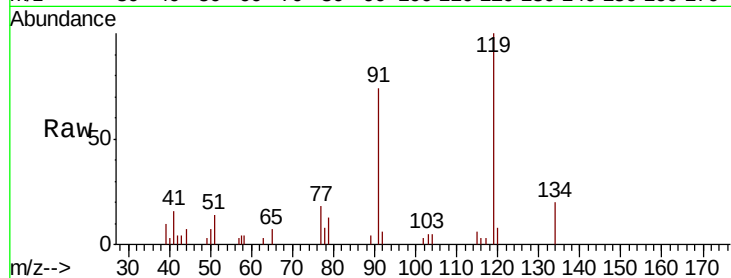
Tot Ion:119 Resp: 8812

Ion Ratio Lower Upper

119 100

91 68.5 36.4 109.1

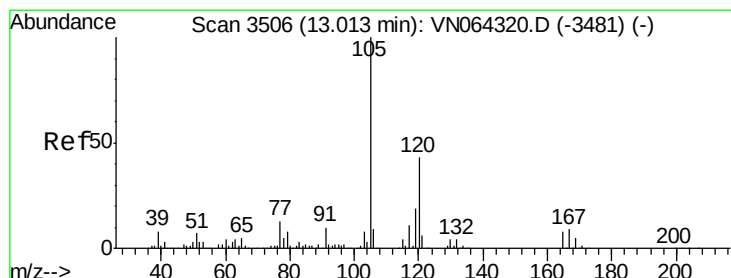
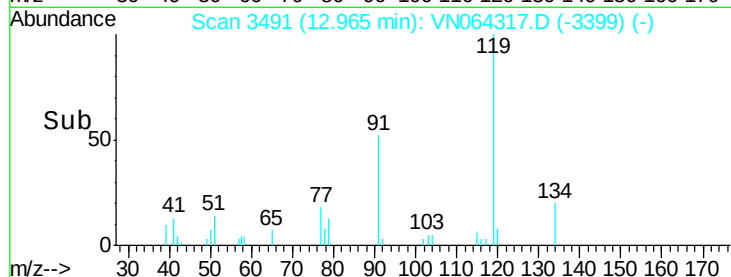
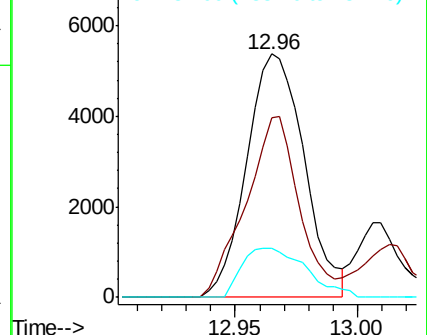
134 22.5 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.967 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064317.D

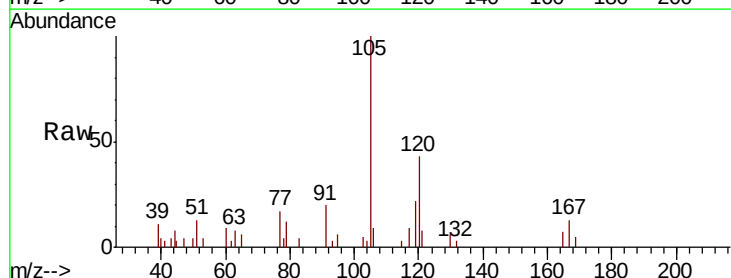
Acq: 27 Oct 2020 9:56

Tgt Ion:105 Resp: 9981

Ion Ratio Lower Upper

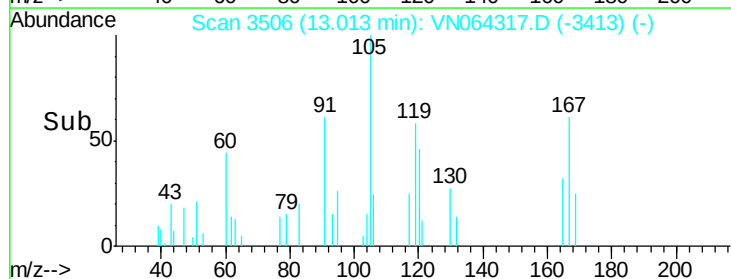
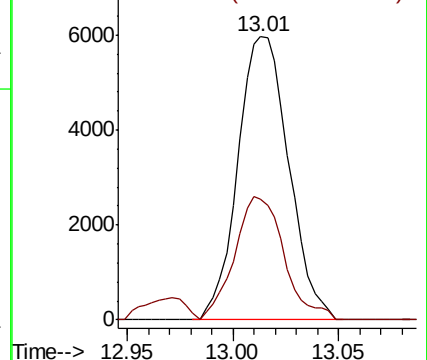
105 100

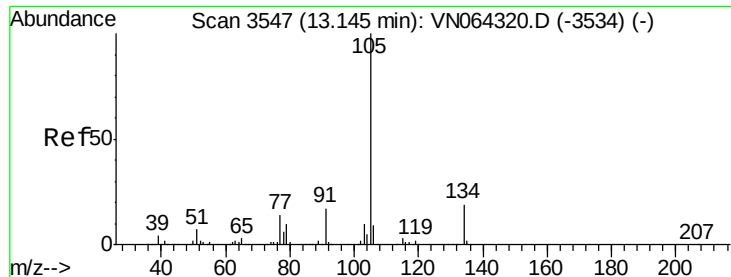
120 42.4 21.3 64.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.103 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

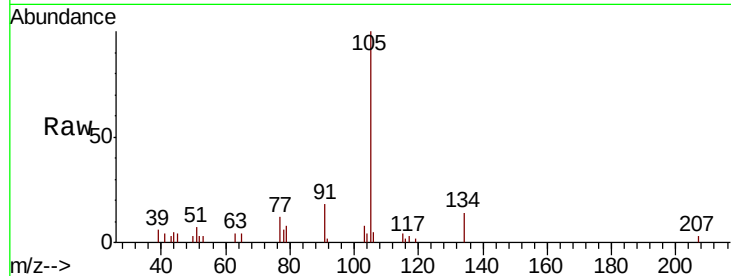
VSTDIC001

Tot Ion:105 Resp: 11789

Ion Ratio Lower Upper

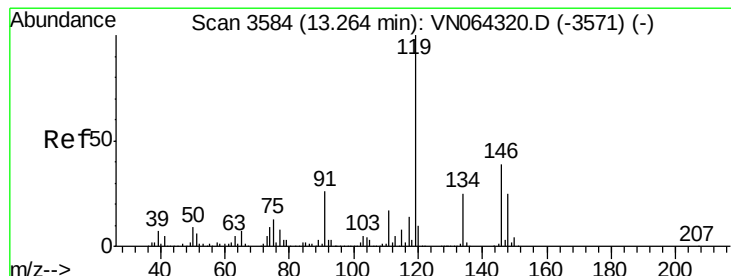
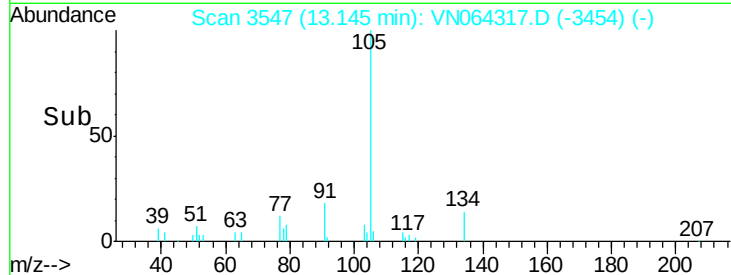
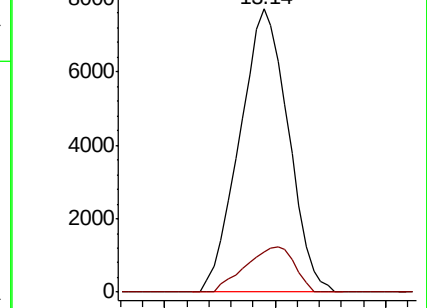
105 100

134 16.0 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: 0.989 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

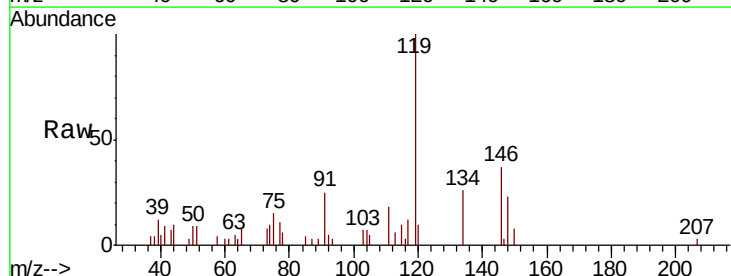
Tgt Ion:119 Resp: 9635

Ion Ratio Lower Upper

119 100

134 27.9 12.8 38.4

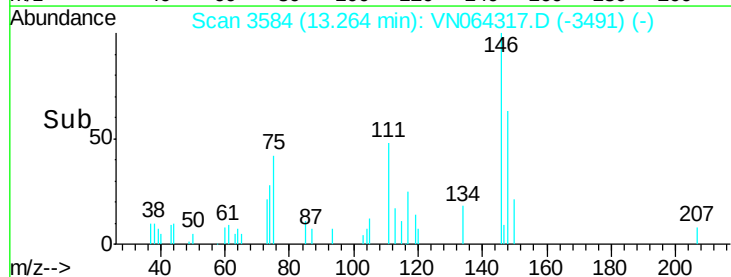
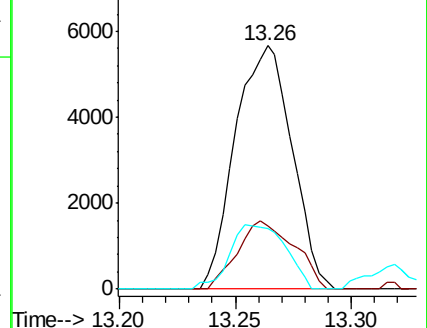
91 26.0 13.0 38.9

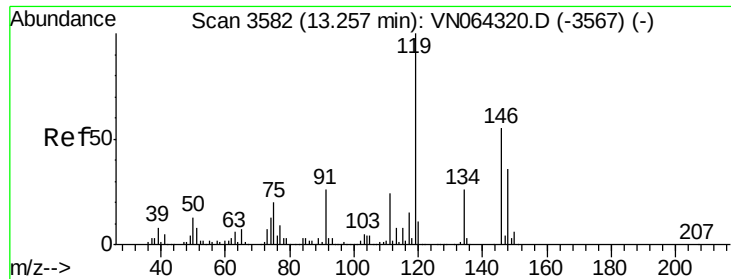


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

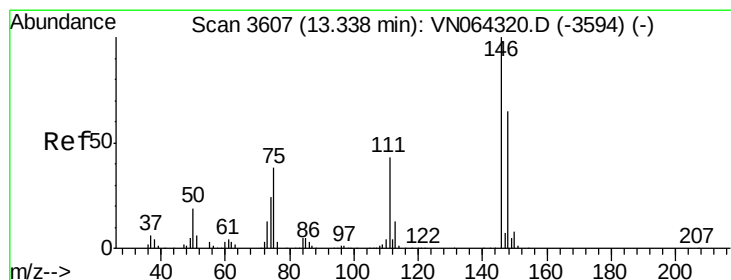
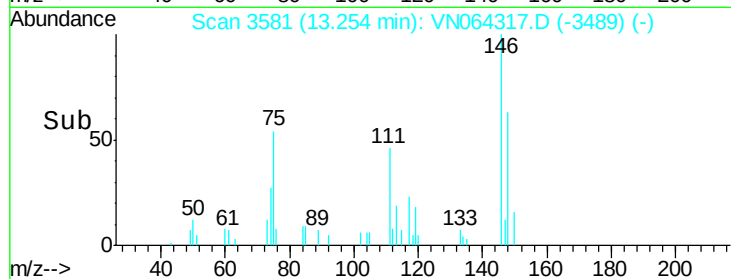
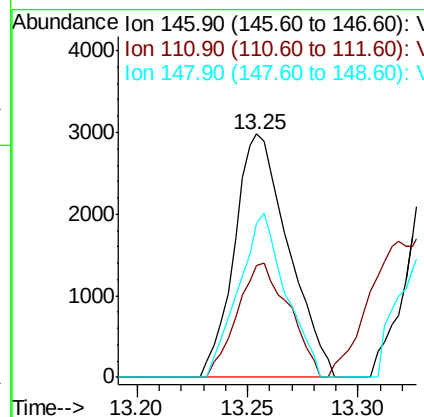
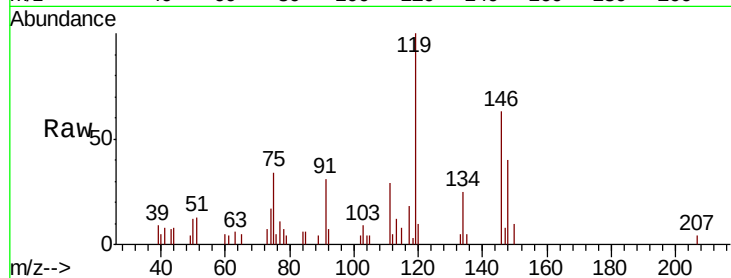




#87
 1,3-Dichlorobenzene
 Concen: 0.983 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

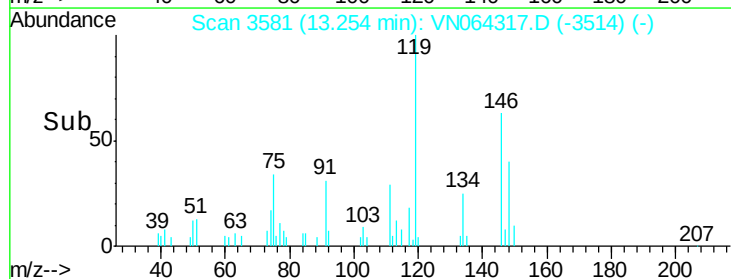
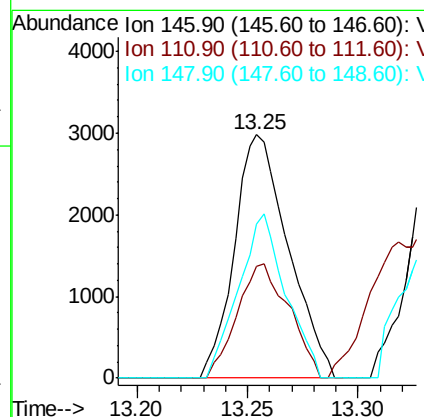
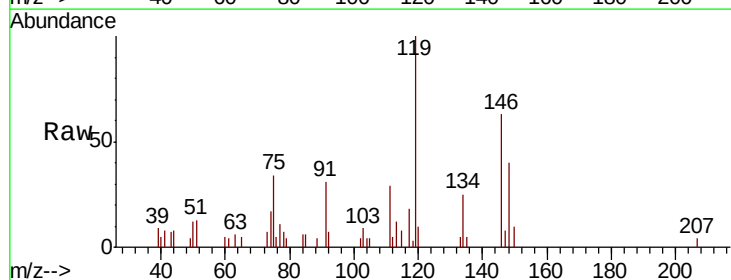
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

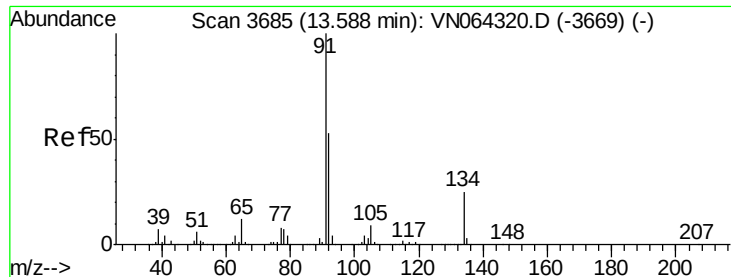
Tot Ion:146 Resp: 5067
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.9 65.5
 148 58.9 32.6 98.0



#88
 1,4-Dichlorobenzene
 Concen: 0.963 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion:146 Resp: 5067
 Ion Ratio Lower Upper
 146 100
 111 44.9 21.8 65.4
 148 58.9 31.8 95.3





#89

n-Butylbenzene

Concen: 1.012 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

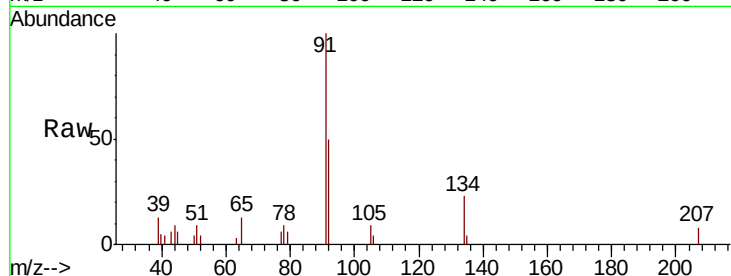
Tot Ion: 91 Resp: 8781

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.5

134 17.9 12.4 37.4

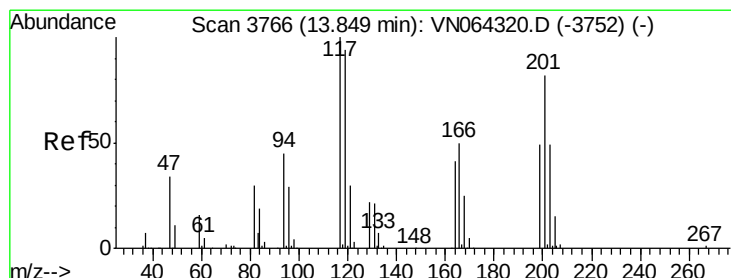
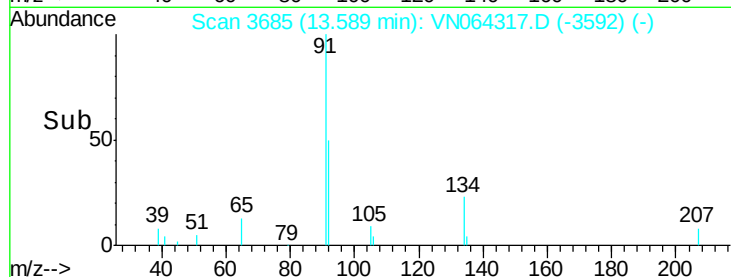


Abundance Ion 91.00 (90.70 to 91.70): VN064317.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN064317.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN064317.D (-3683) (-)

Time-->



#90

Hexachloroethane

Concen: 0.936 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN064317.D

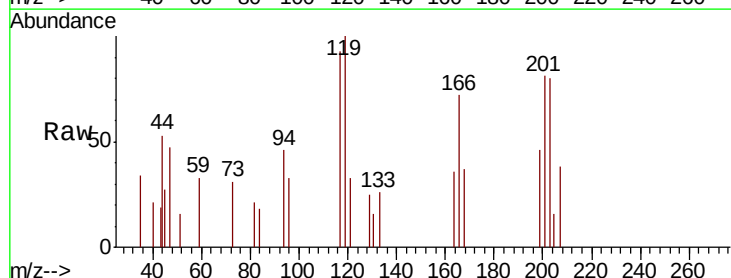
Acq: 27 Oct 2020 9:56

Tgt Ion: 117 Resp: 1682

Ion Ratio Lower Upper

117 100

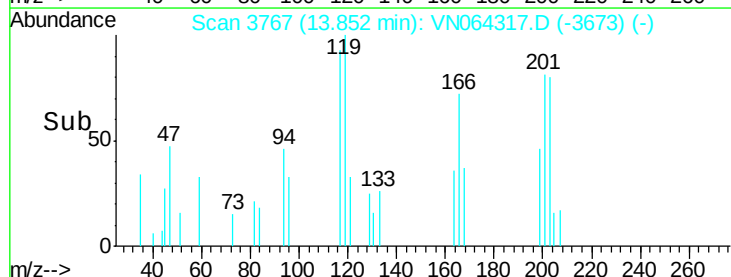
201 82.2 39.8 119.3

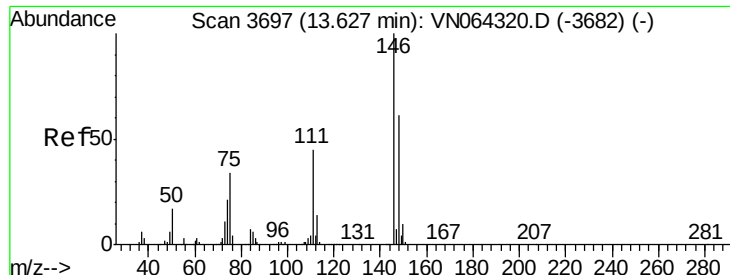


Abundance Ion 116.80 (116.50 to 117.50): VN064317.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN064317.D (-3763) (-)

Time-->

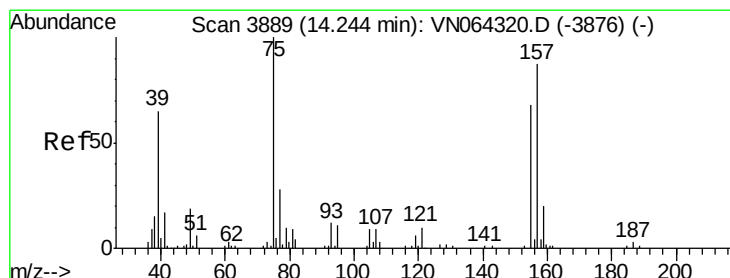
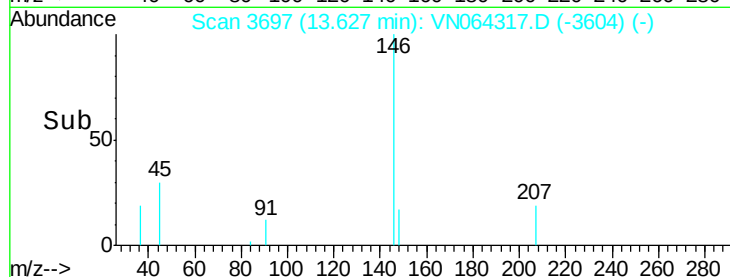
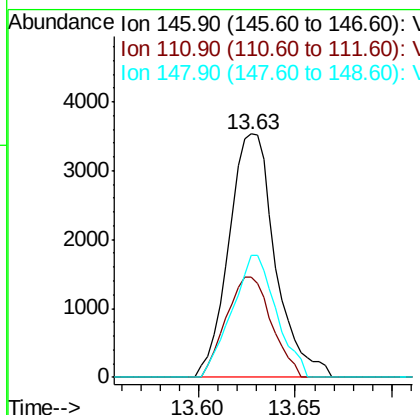
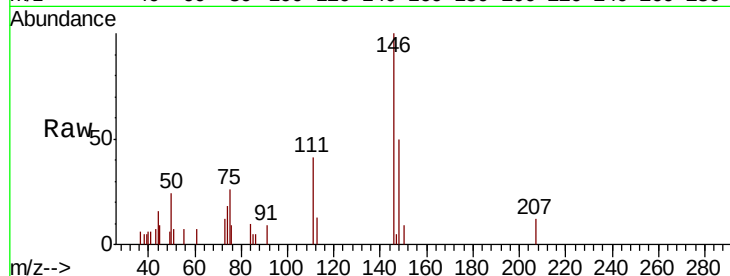




#91
 1,2-Dichlorobenzene
 Concen: 1.169 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

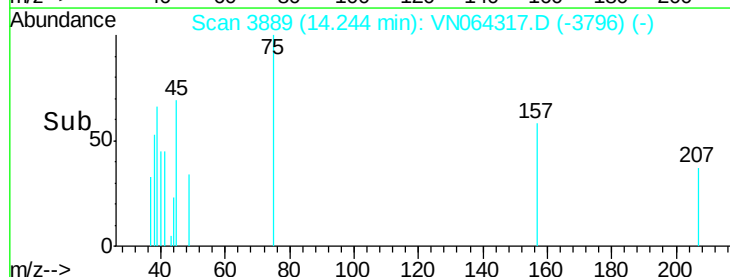
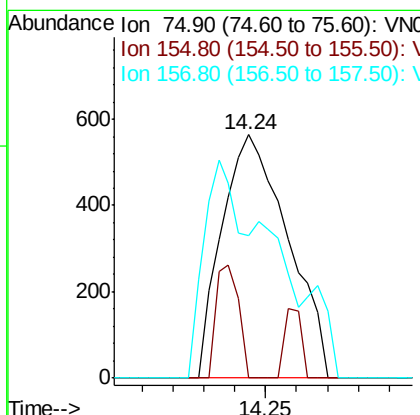
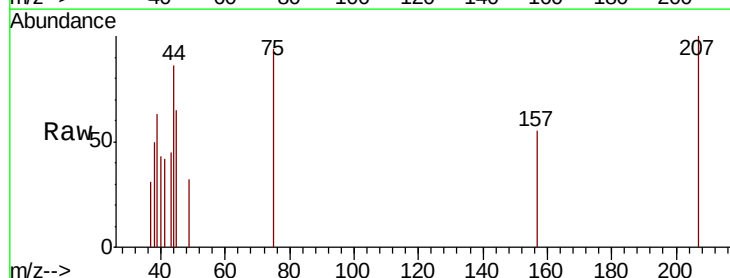
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

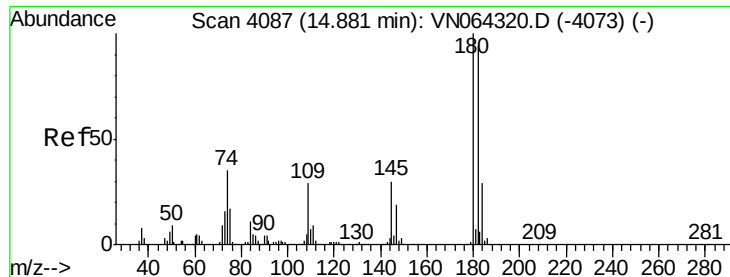
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	23.0	69.0
148	47.8	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.013 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	16.0	35.1	105.5#
157	52.2	43.2	129.6

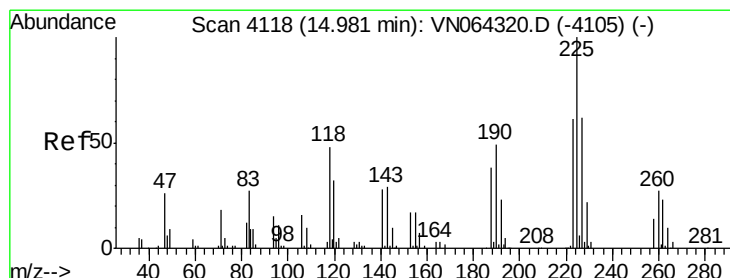
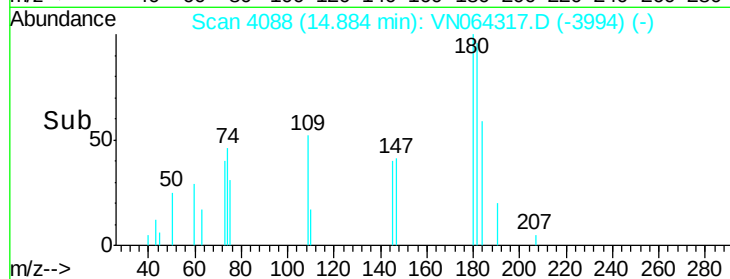
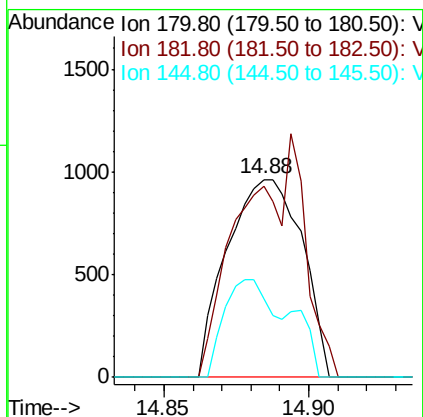
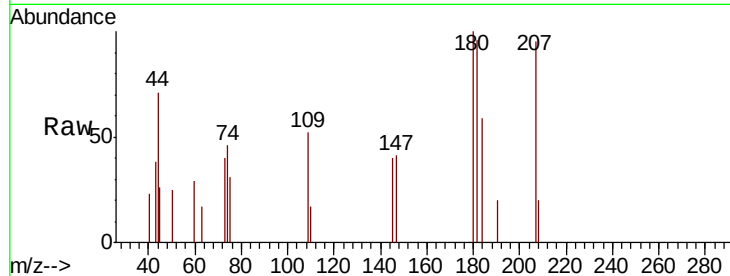




#93
 1,2,4-Trichlorobenzene
 Concen: 0.616 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

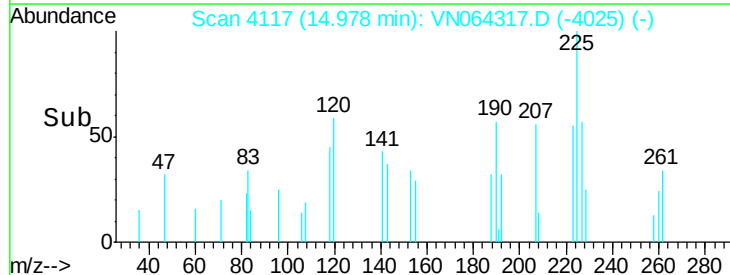
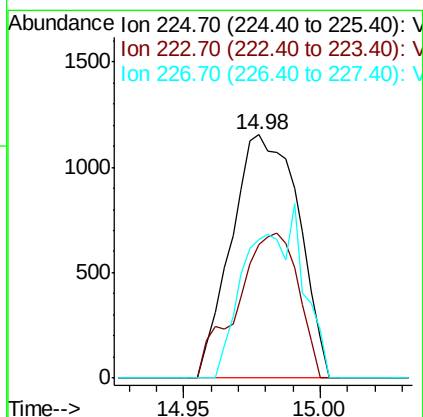
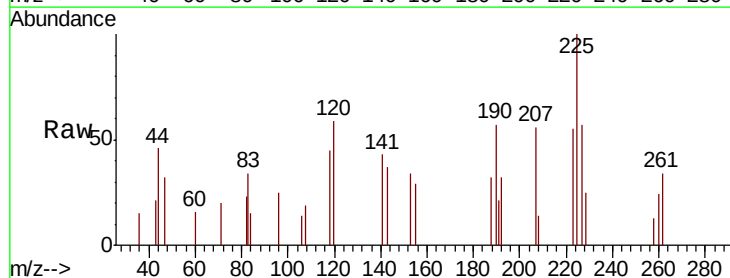
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

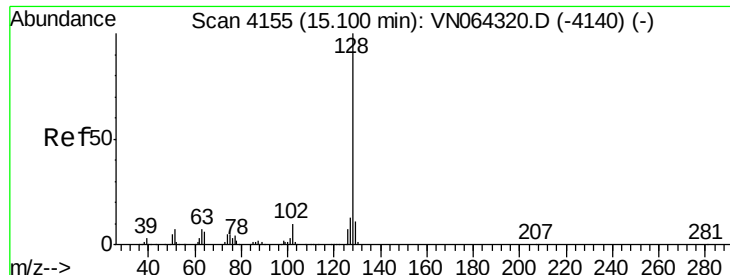
Tot Ion:180 Resp: 1730
 Ion Ratio Lower Upper
 180 100
 182 69.3 46.6 139.7
 145 32.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 1.296 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064317.D
 Acq: 27 Oct 2020 9:56

Tgt Ion:225 Resp: 1972
 Ion Ratio Lower Upper
 225 100
 223 53.9 31.3 93.8
 227 58.0 32.3 96.9





#95

Naphthalene

Concen: 0.743 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

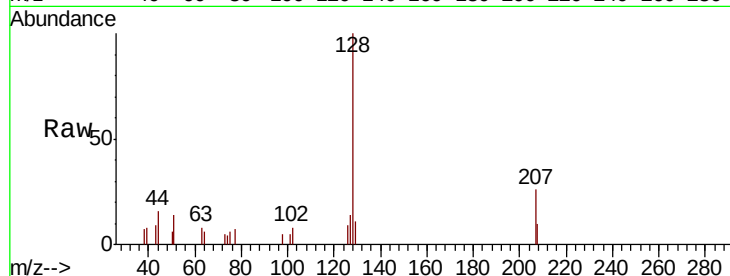
Tot Ion:128 Resp: 6267

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

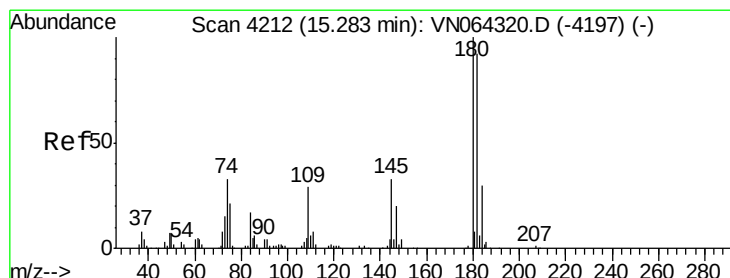
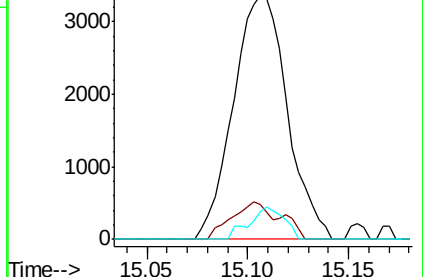
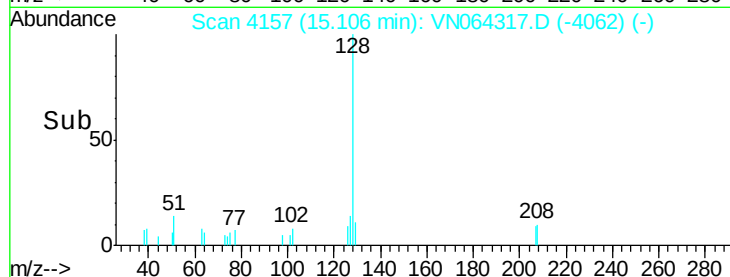
129 8.6 8.6 13.0#



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: 0.694 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064317.D

Acq: 27 Oct 2020 9:56

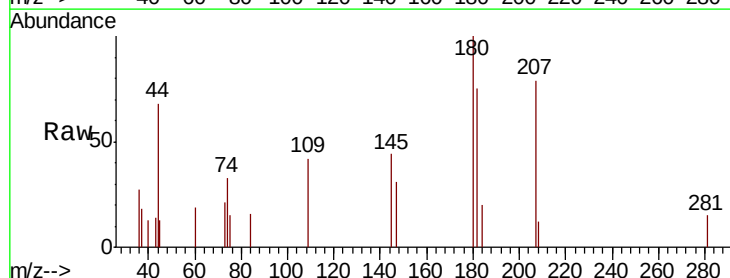
Tgt Ion:180 Resp: 1930

Ion Ratio Lower Upper

180 100

182 113.5 46.1 138.3

145 42.8 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

