

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064707.D
 Acq On : 18 Nov 2020 14:40
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Nov 18 15:07:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	297336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	541752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	7701	1.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.98%	
35) Dibromofluoromethane	7.55	113	4299	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	
50) Toluene-d8	10.06	98	17064	1.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.40%	
62) 4-Bromofluorobenzene	12.37	95	6826	1.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	4085	1.079	ug/l	74
3) Chloromethane	2.04	50	4893	1.075	ug/l	93
4) Vinyl Chloride	2.17	62	4386	0.936	ug/l	90
5) Bromomethane	2.55	94	4171	1.369	ug/l	98
6) Chloroethane	2.68	64	2777	0.913	ug/l #	63
7) Trichlorofluoromethane	3.00	101	8294	1.164	ug/l	93
8) Diethyl Ether	3.38	74	2648	1.066	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1940	0.580	ug/l #	32
10) Methyl Iodide	3.91	142	2115	0.544	ug/l #	54
11) Tert butyl alcohol	4.75	59	2261	4.117	ug/l #	70
12) 1,1-Dichloroethene	3.70	96	3713	1.180	ug/l	83
13) Acrolein	3.56	56	730	2.356	ug/l	92
14) Allyl chloride	4.27	41	4939	0.817	ug/l	94
15) Acrylonitrile	4.94	53	7087	4.588	ug/l #	81
16) Acetone	3.77	43	3387	1.856	ug/l #	85
17) Carbon Disulfide	4.01	76	13439	1.437	ug/l	98
18) Methyl Acetate	4.28	43	5207	1.359	ug/l #	83
19) Methyl tert-butyl Ether	4.99	73	9980	0.886	ug/l	98
20) Methylene Chloride	4.50	84	2791	0.720	ug/l #	89
21) trans-1,2-Dichloroethene	4.99	96	3956	1.111	ug/l #	88
22) Diisopropyl ether	5.90	45	7760	0.606	ug/l #	65
23) Vinyl Acetate	5.85	43	35501	3.421	ug/l	99
24) 1,1-Dichloroethane	5.80	63	6435	0.905	ug/l #	84
25) 2-Butanone	6.78	43	8672	3.628	ug/l	97
26) 2,2-Dichloropropane	6.79	77	4112	0.632	ug/l	86
27) cis-1,2-Dichloroethene	6.78	96	2432	0.592	ug/l	45
28) Bromochloromethane	7.14	49	1580	0.440	ug/l #	80
29) Tetrahydrofuran	7.17	42	6354	4.239	ug/l #	71
30) Chloroform	7.32	83	7383	0.983	ug/l	96
31) Cyclohexane	7.62	56	13292	2.186	ug/l #	45
32) 1,1,1-Trichloroethane	7.52	97	6951	1.039	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	5412	0.963	ug/l	94
38) Carbon Tetrachloride	7.73	117	5317	0.878	ug/l	85
39) Methylcyclohexane	9.04	83	4988	0.994	ug/l	94

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Quant Time: Nov 18 15:07:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.00	78	13604	0.825	ug/l	97
41) Methacrylonitrile	7.12	41	973	0.389	ug/l #	81
42) 1,2-Dichloroethane	8.09	62	6459	0.964	ug/l	92
43) Isopropyl Acetate	8.13	43	9153	1.008	ug/l #	78
44) Trichloroethene	8.80	130	4719	1.121	ug/l	81
45) 1,2-Dichloropropane	9.08	63	3863	0.880	ug/l #	85
46) Dibromomethane	9.18	93	2601	0.886	ug/l #	34
47) Bromodichloromethane	9.37	83	5811	0.926	ug/l #	97
48) Methyl methacrylate	9.16	41	3896	0.852	ug/l #	88
49) 1,4-Dioxane	9.17	88	1148	19.337	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	19954	3.789	ug/l	98
52) Toluene	10.12	92	8117	0.806	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	5384	0.813	ug/l #	48
54) cis-1,3-Dichloropropene	9.81	75	5391	0.765	ug/l #	87
55) 1,1,2-Trichloroethane	10.53	97	3322	0.841	ug/l	96
56) Ethyl methacrylate	10.40	69	3829	0.673	ug/l	89
57) 1,3-Dichloropropane	10.68	76	5911	0.860	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	10853	3.782	ug/l	97
59) 2-Hexanone	10.72	43	14208	3.733	ug/l	92
60) Dibromochloromethane	10.87	129	3653	0.827	ug/l	93
61) 1,2-Dibromoethane	10.97	107	3801	0.948	ug/l	94
64) Tetrachloroethene	10.60	164	4016	1.058	ug/l #	86
65) Chlorobenzene	11.40	112	10352	0.986	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	3334	0.854	ug/l #	55
67) Ethyl Benzene	11.48	91	16543	0.892	ug/l #	86
68) m/p-Xylenes	11.59	106	10372	1.537	ug/l	91
69) o-Xylene	11.92	106	5610	0.862	ug/l	86
70) Stvrene	11.94	104	8676	0.790	ug/l	97
71) Bromoform	12.10	173	2190	0.833	ug/l #	97
73) Isopropylbenzene	12.22	105	13244	0.858	ug/l	95
74) N-amyl acetate	12.04	43	5884	0.873	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	4258	0.906	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	6478	1.375	ug/l #	100
77) Bromobenzene	12.50	156	3759	0.990	ug/l	96
78) n-propylbenzene	12.57	91	14460	0.820	ug/l	98
79) 2-Chlorotoluene	12.65	91	10745	0.956	ug/l	89
80) 1,3,5-Trimethylbenzene	12.70	105	9889	0.773	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	1288	0.768	ug/l #	65
82) 4-Chlorotoluene	12.75	91	11173	0.950	ug/l	95
83) tert-Butylbenzene	12.97	119	7348	0.734	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	10291	0.802	ug/l	98
85) sec-Butylbenzene	13.14	105	10146	0.800	ug/l	91
86) p-Isopropyltoluene	13.26	119	8957	0.783	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	7150	1.086	ug/l	97
88) 1,4-Dichlorobenzene	13.26	146	7150	1.051	ug/l	97
89) n-Butylbenzene	13.59	91	9985	1.008	ug/l	97
90) Hexachloroethane	13.85	117	1486	0.688	ug/l	84
91) 1,2-Dichlorobenzene	13.63	146	6742	1.068	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.24	75	1145	1.193	ug/l	94
93) 1,2,4-Trichlorobenzene	14.88	180	4461	1.686	ug/l	97

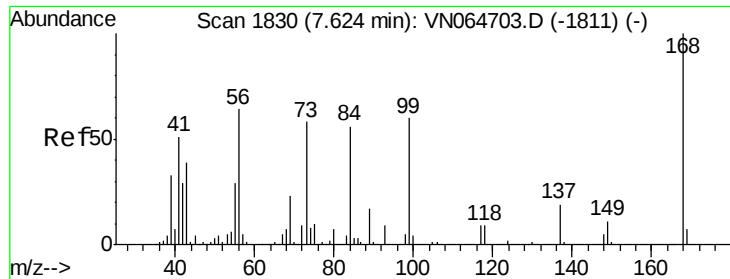
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
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Quant Title : SW846 8260
QLast Update : Wed Nov 18 13:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	3235	2.477	ug/l	91
95) Naphthalene	15.10	128	12404	1.422	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	4267	1.616	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

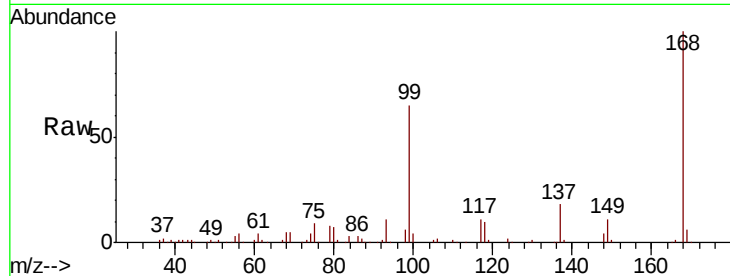
VSTDIC001

Tot Ion:168 Resp: 297336

Ion Ratio Lower Upper

168 100

99 65.3 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

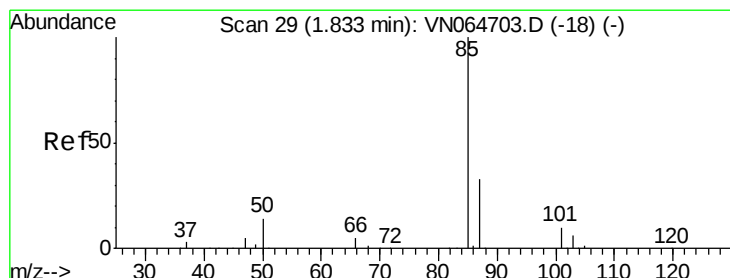
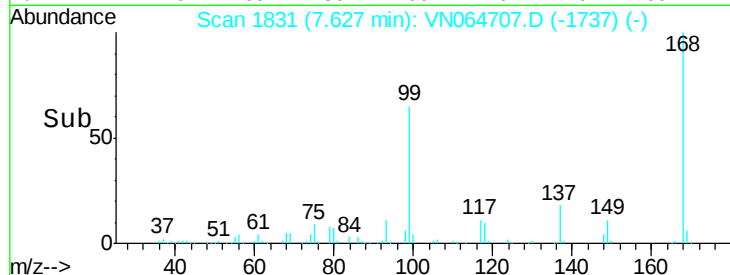
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.079 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064707.D

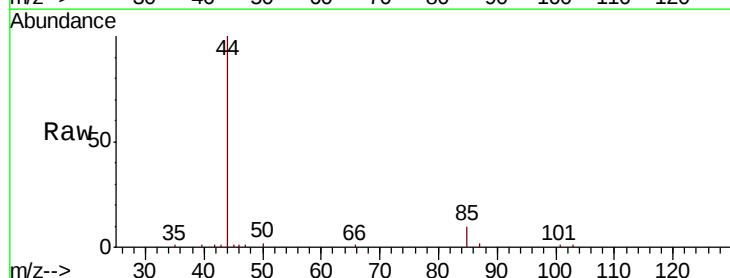
Acq: 18 Nov 2020 14:40

Tgt Ion: 85 Resp: 4085

Ion Ratio Lower Upper

85 100

87 17.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

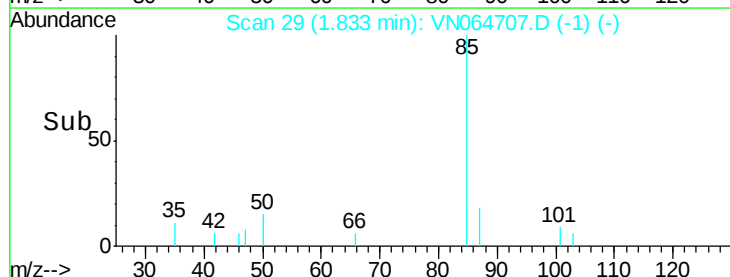
3000

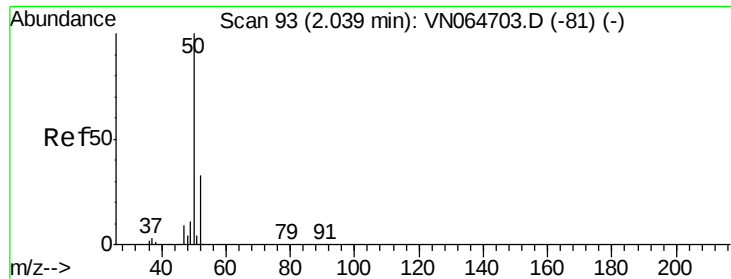
2000

1000

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 1.075 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

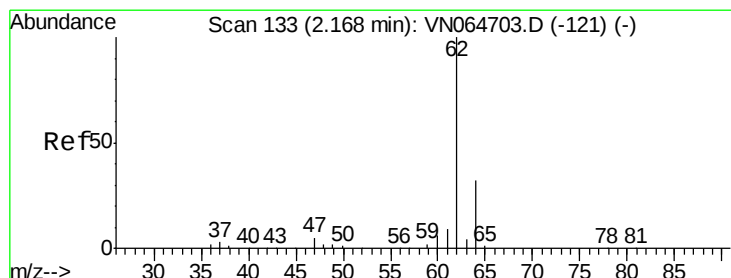
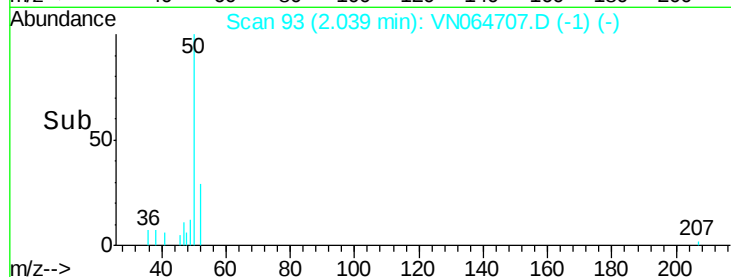
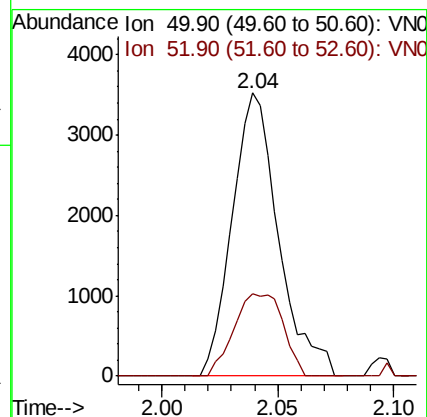
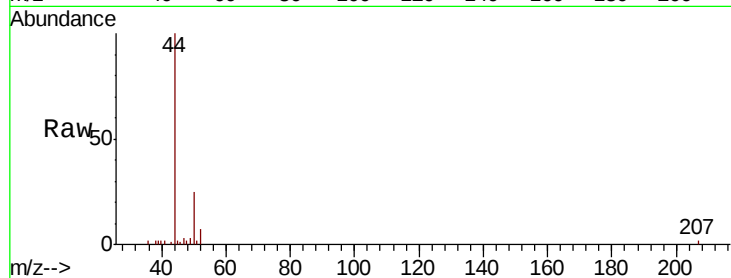
VSTDIC001

Tot Ion: 50 Resp: 4893

Ion Ratio Lower Upper

50 100

52 29.0 26.4 39.6



#4

Vinyl Chloride

Concen: 0.936 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064707.D

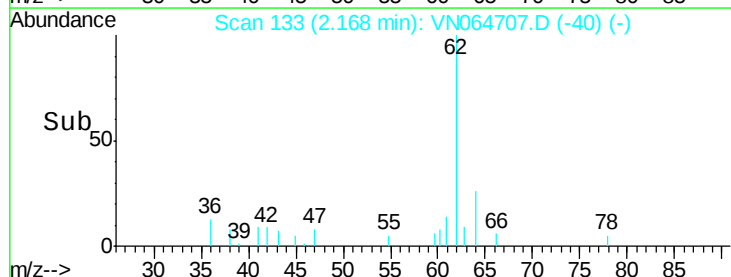
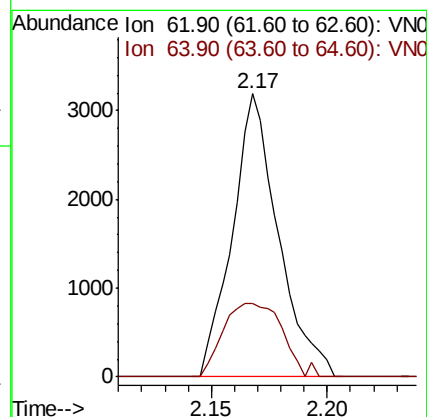
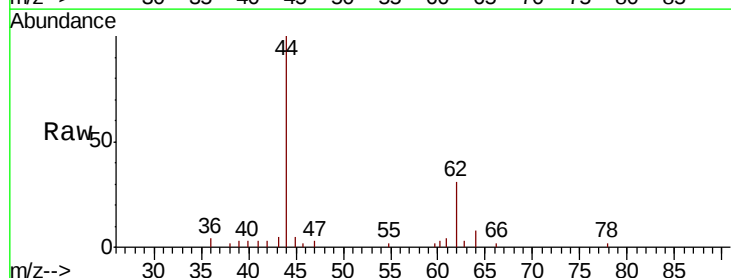
Acq: 18 Nov 2020 14:40

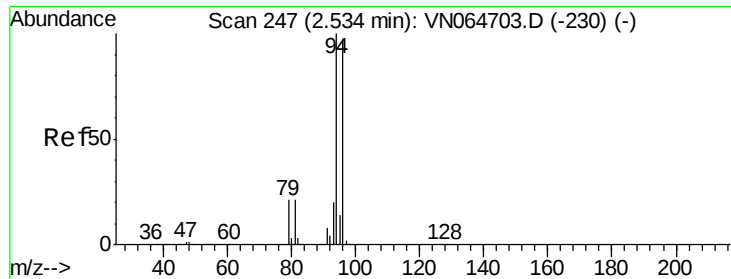
Tgt Ion: 62 Resp: 4386

Ion Ratio Lower Upper

62 100

64 26.0 25.2 37.8





#5

Bromomethane

Concen: 1.369 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

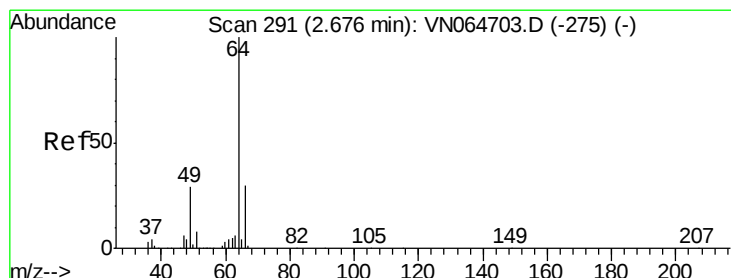
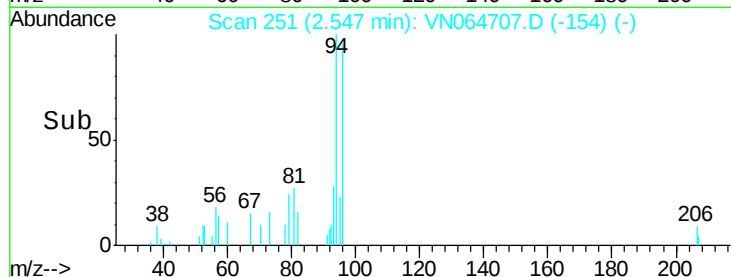
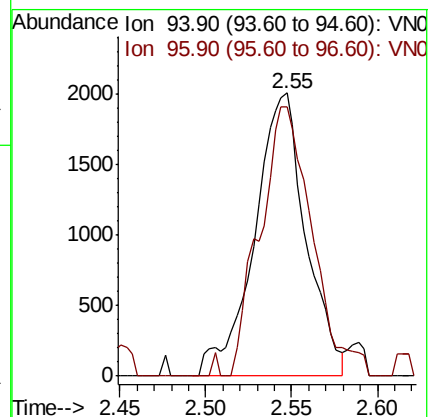
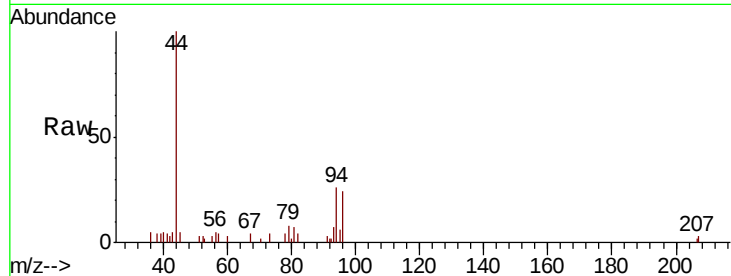
VSTDIC001

Tot Ion: 94 Resp: 4171

Ion Ratio Lower Upper

94 100

96 95.3 77.8 116.8



#6

Chloroethane

Concen: 0.913 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064707.D

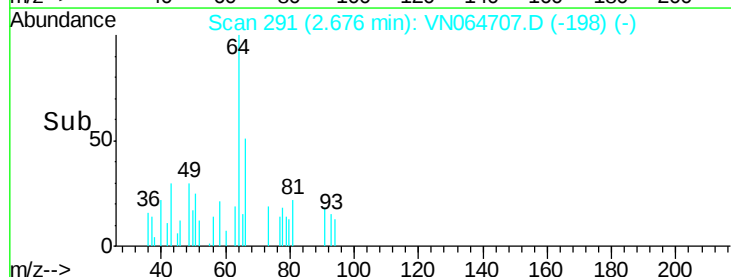
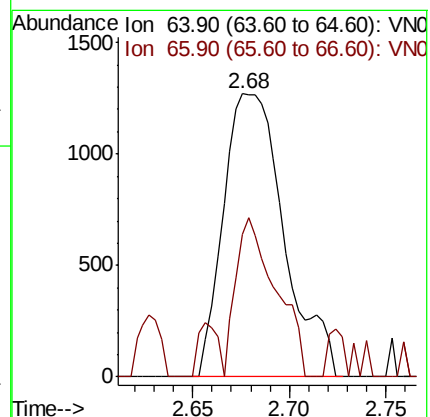
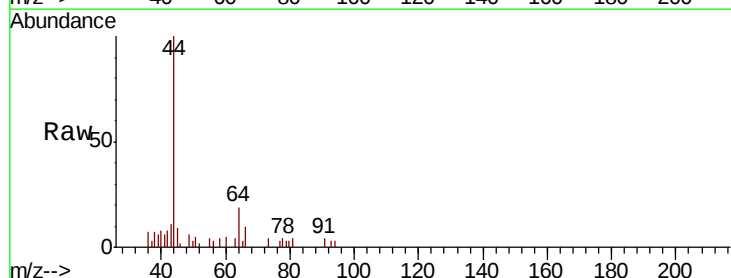
Acq: 18 Nov 2020 14:40

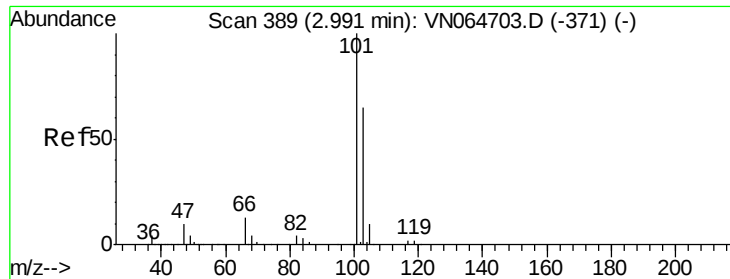
Tgt Ion: 64 Resp: 2777

Ion Ratio Lower Upper

64 100

66 50.6 24.2 36.2#



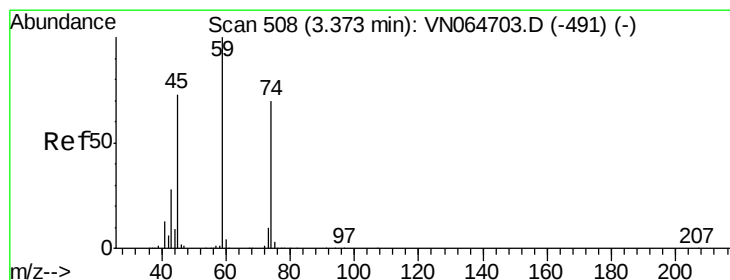
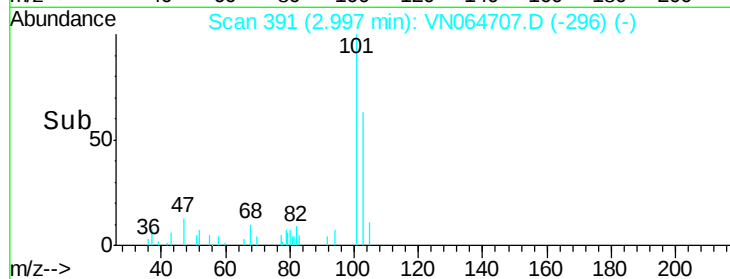
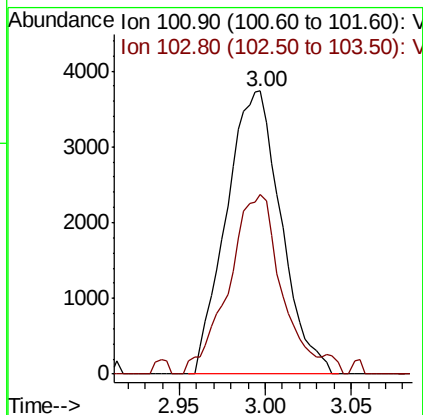
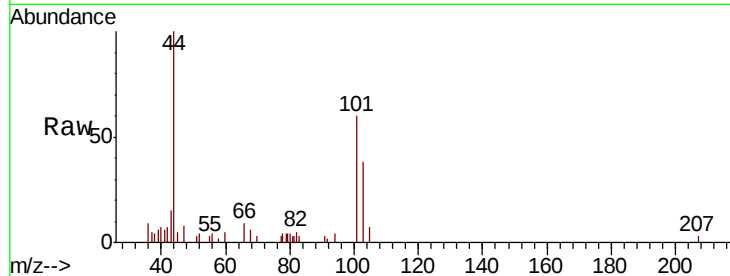


#7

Trichlorofluoromethane
 Concen: 1.164 ug/l
 RT: 3.00 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

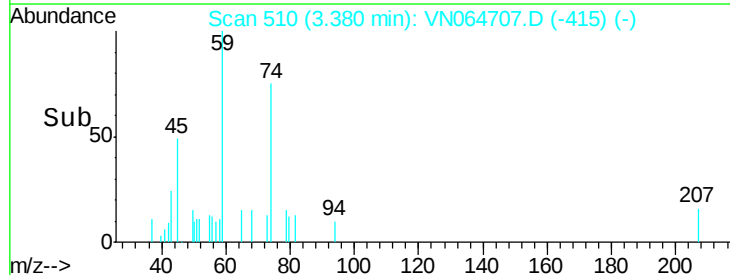
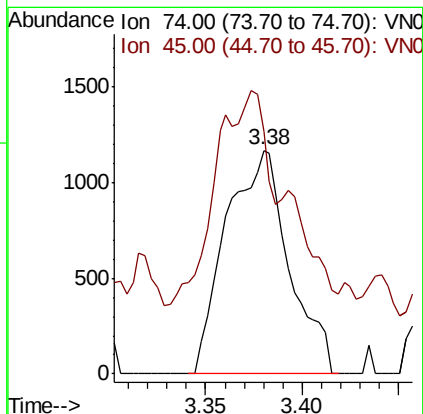
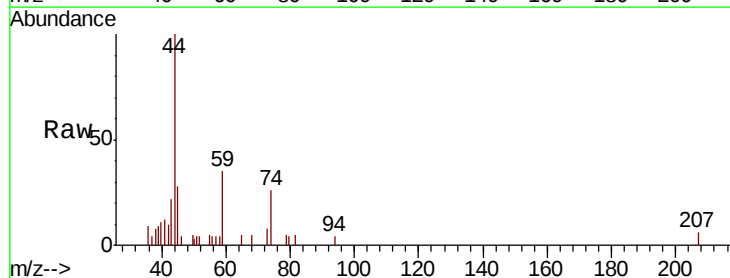
Tot Ion:101 Resp: 8294
 Ion Ratio Lower Upper
 101 100
 103 59.0 51.8 77.6

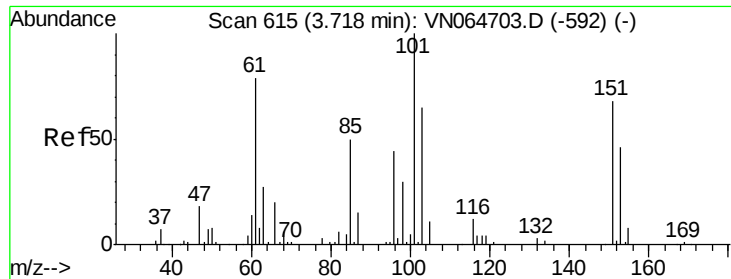


#8

Diethyl Ether
 Concen: 1.066 ug/l
 RT: 3.38 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 74 Resp: 2648
 Ion Ratio Lower Upper
 74 100
 45 82.3 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.580 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

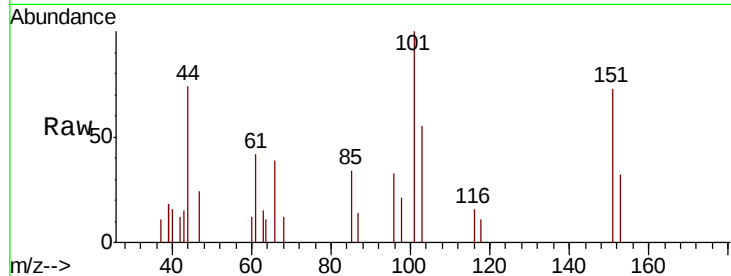
Tot Ion:101 Resp: 1940

Ion Ratio Lower Upper

101 100

85 70.7 39.0 58.4#

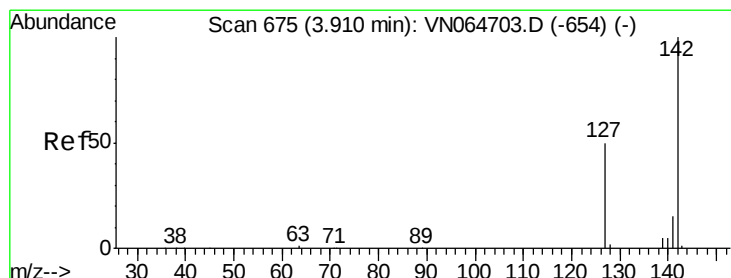
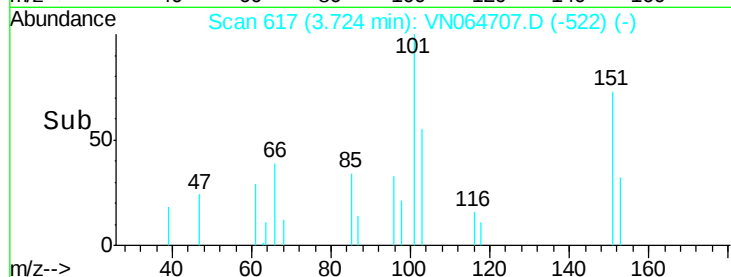
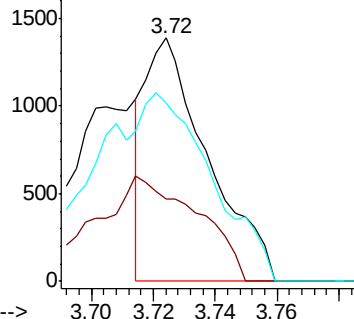
151 148.0 57.2 85.8#



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: 0.544 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

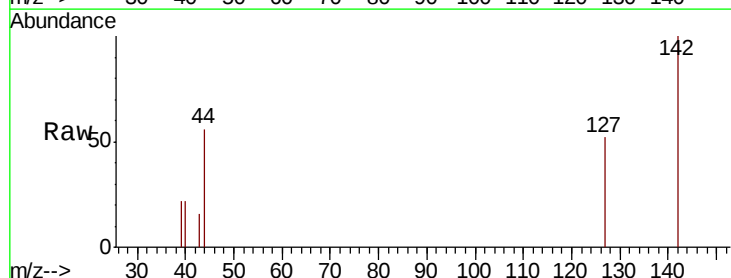
Tgt Ion:142 Resp: 2115

Ion Ratio Lower Upper

142 100

127 90.5 42.0 63.0#

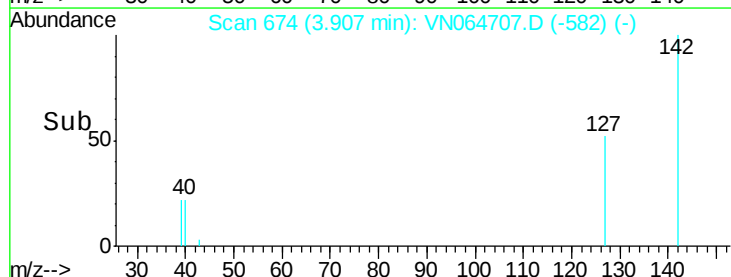
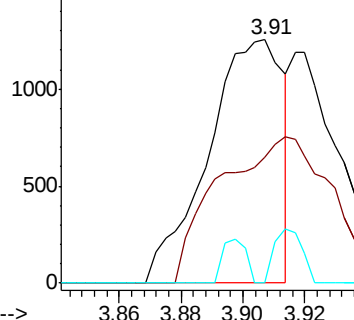
141 8.3 12.1 18.1#

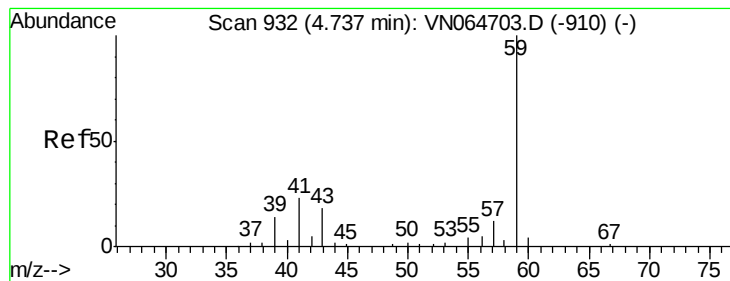


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



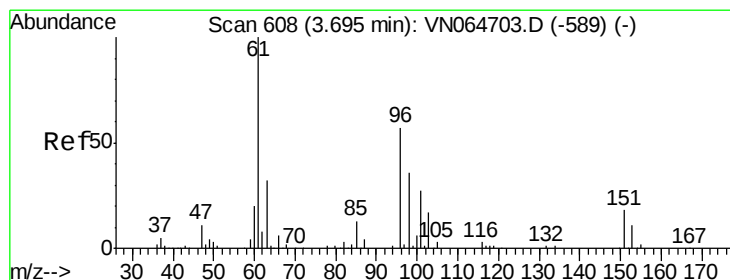
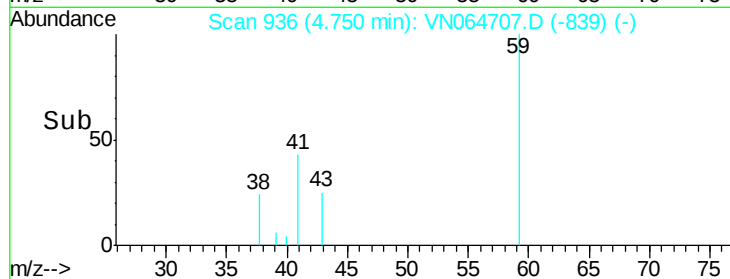
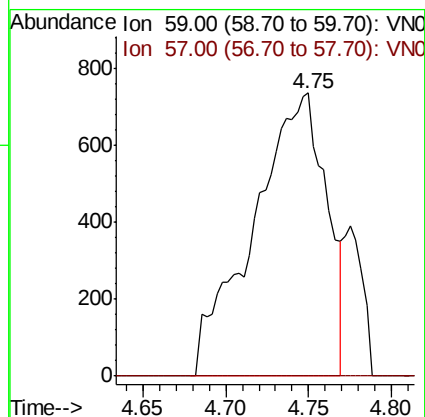
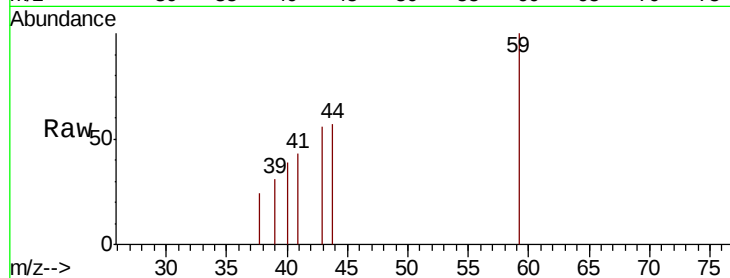


#11

Tert butyl alcohol
 Concen: 4.117 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

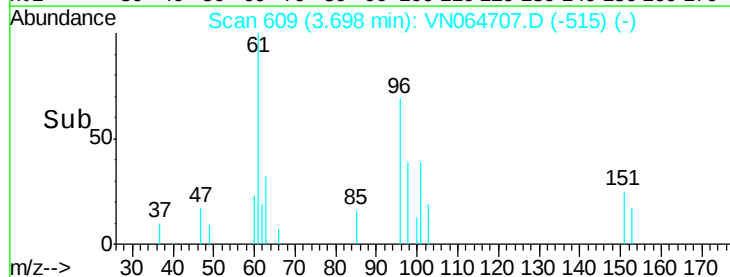
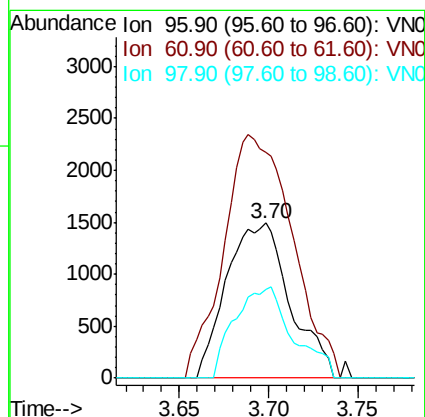
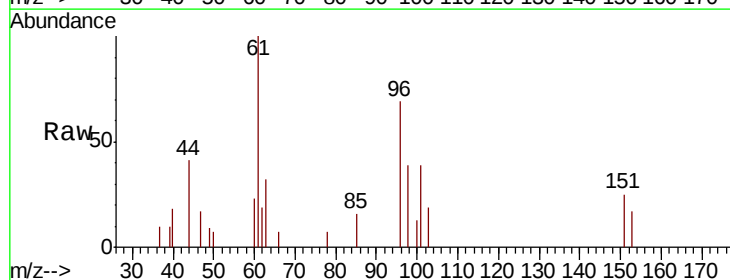
Tot Ion: 59 Resp: 2261
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#

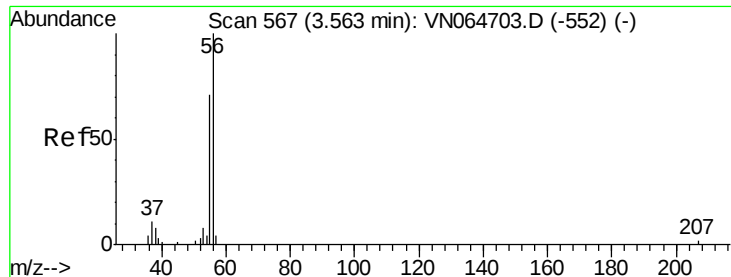


#12

1,1-Dichloroethene
 Concen: 1.180 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 96 Resp: 3713
 Ion Ratio Lower Upper
 96 100
 61 145.0 139.1 208.7
 98 57.1 50.2 75.2





#13

Acrolein

Concen: 2.356 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

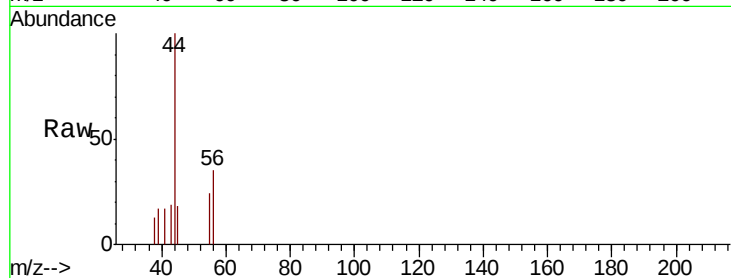
VSTDIC001

Tot Ion: 56 Resp: 730

Ion Ratio Lower Upper

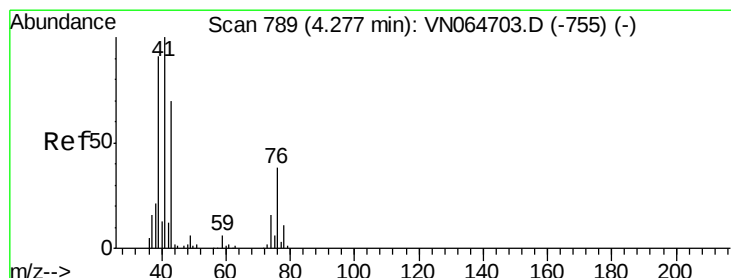
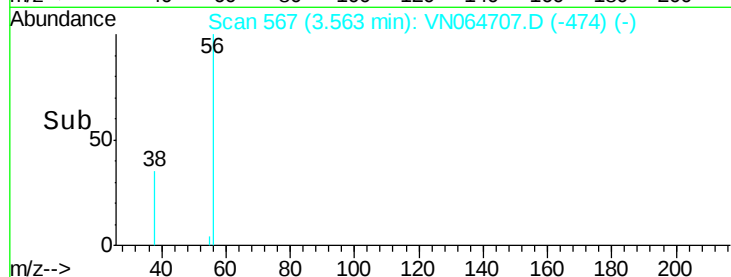
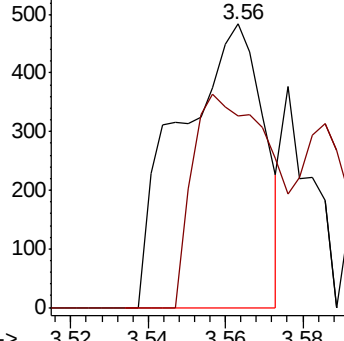
56 100

55 69.9 61.8 92.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 0.817 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

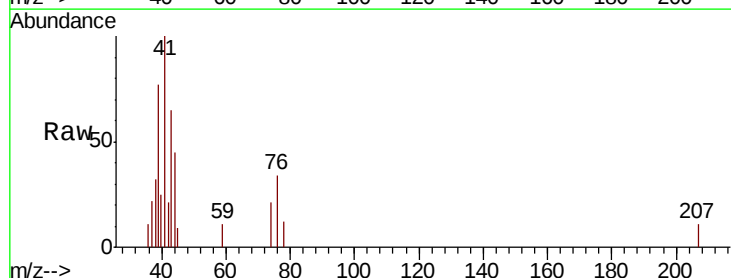
Tgt Ion: 41 Resp: 4939

Ion Ratio Lower Upper

41 100

39 75.5 66.1 99.1

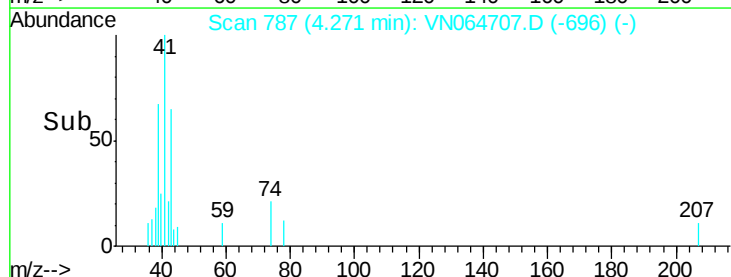
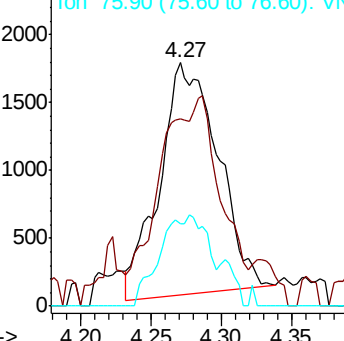
76 32.2 26.6 40.0

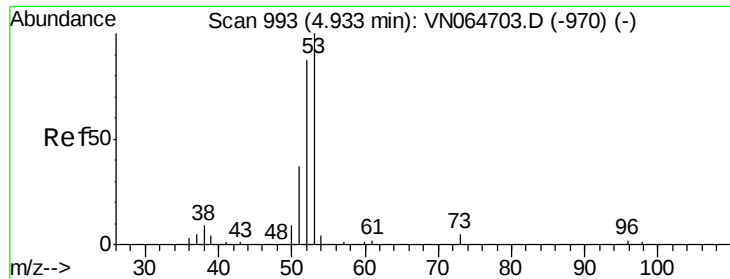


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

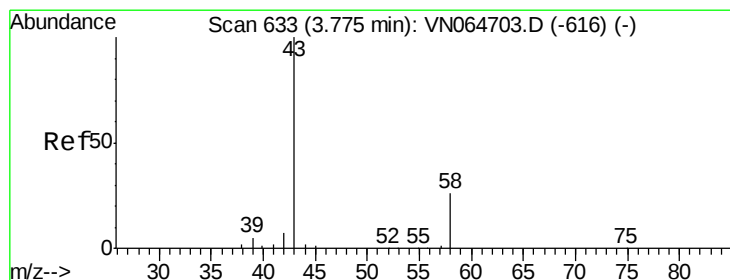
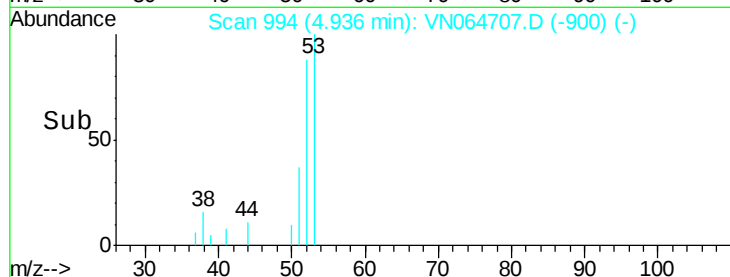
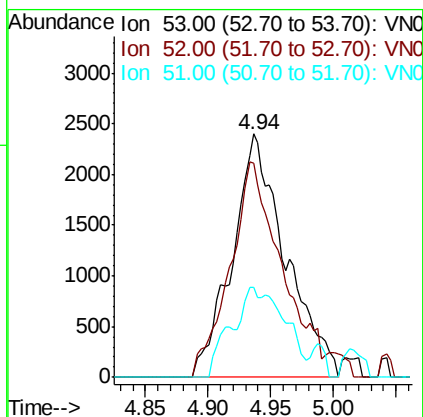
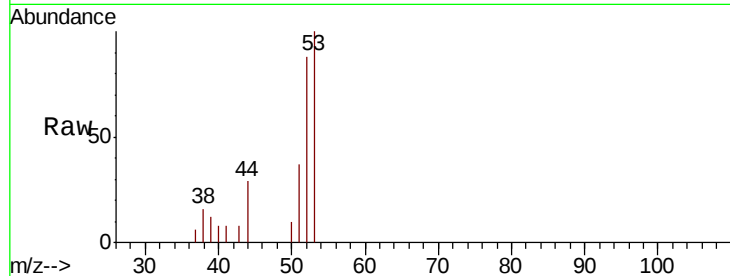




#15
 Acrylonitrile
 Concen: 4.588 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

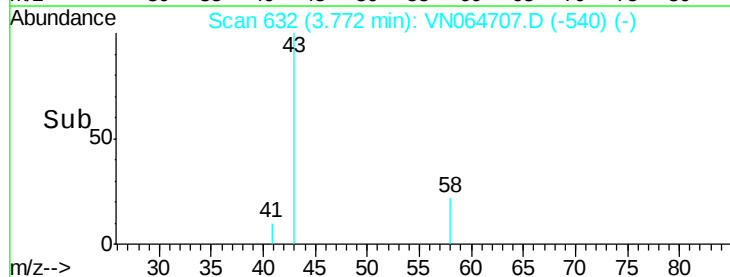
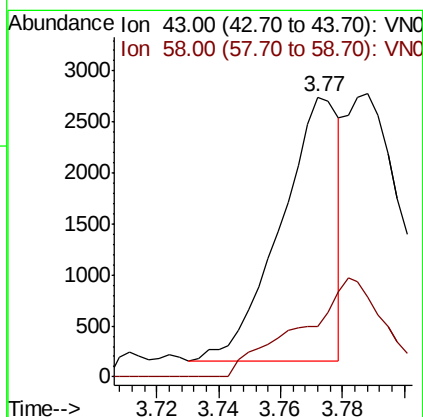
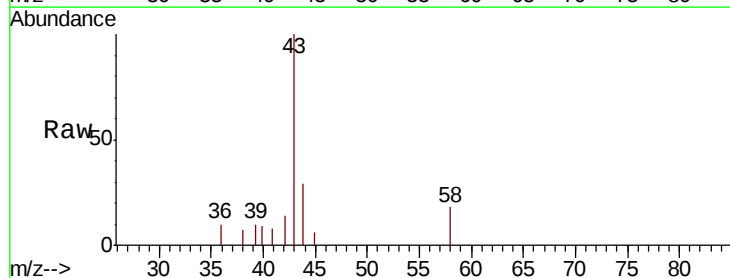
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

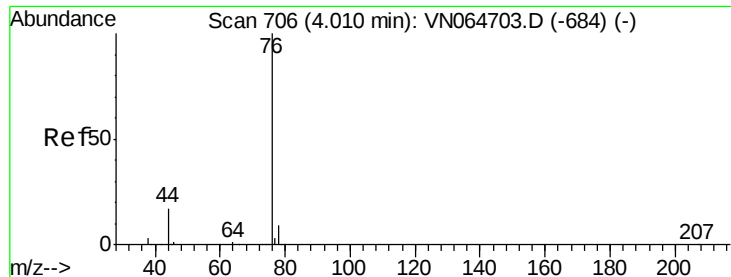
Tot Ion: 53 Resp: 7087
 Ion Ratio Lower Upper
 53 100
 52 86.1 67.2 100.8
 51 5.2 31.0 46.6#



#16
 Acetone
 Concen: 1.856 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 43 Resp: 3387
 Ion Ratio Lower Upper
 43 100
 58 19.0 21.2 31.8#

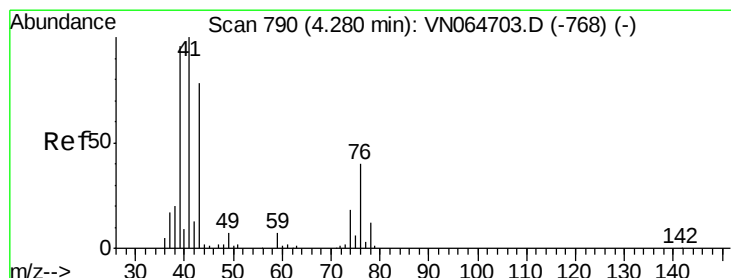
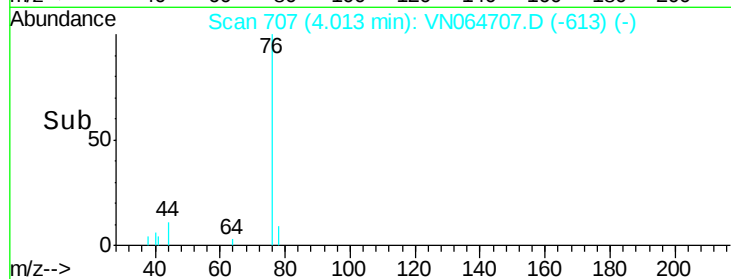
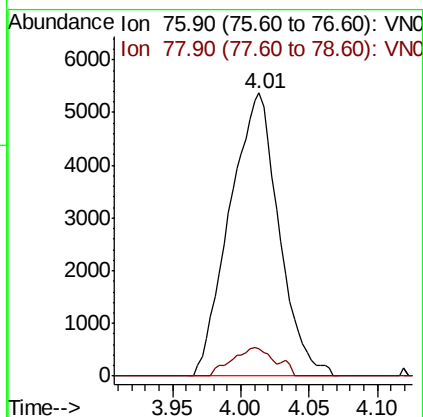
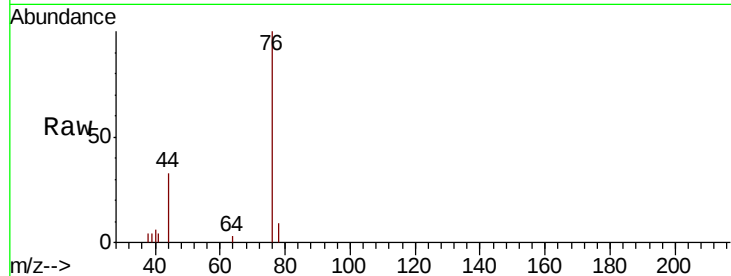




#17
Carbon Disulfide
Concen: 1.437 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

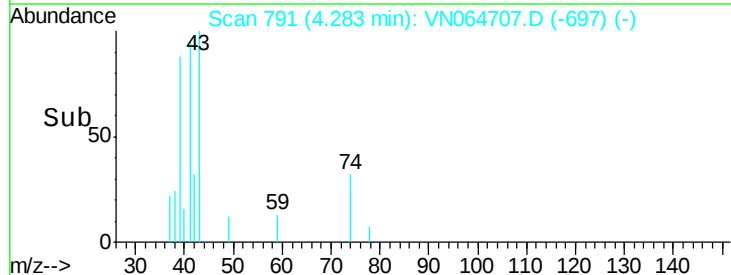
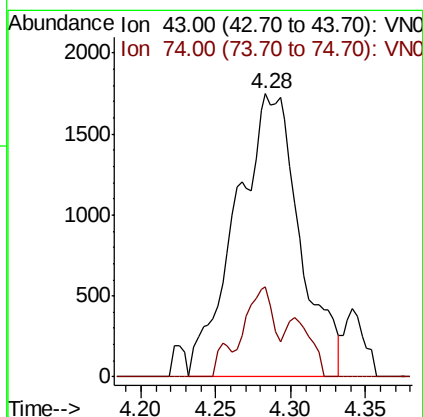
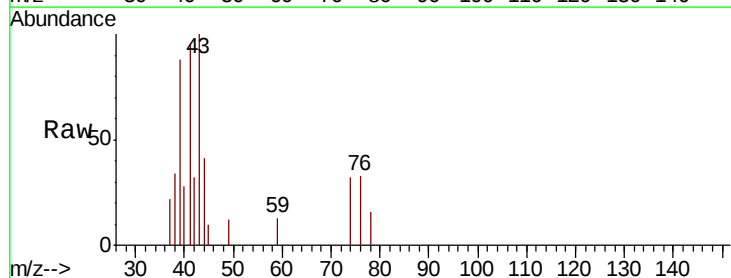
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

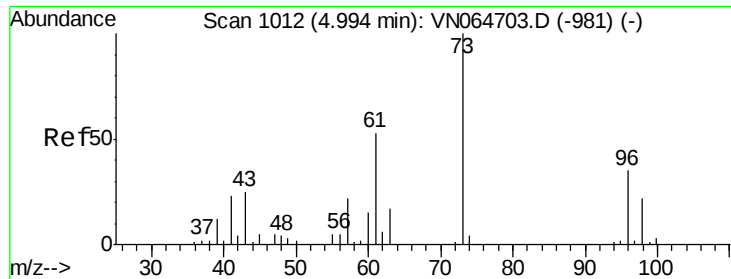
Tot Ion: 76 Resp: 13439
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 1.359 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 43 Resp: 5207
Ion Ratio Lower Upper
43 100
74 14.0 17.6 26.4#



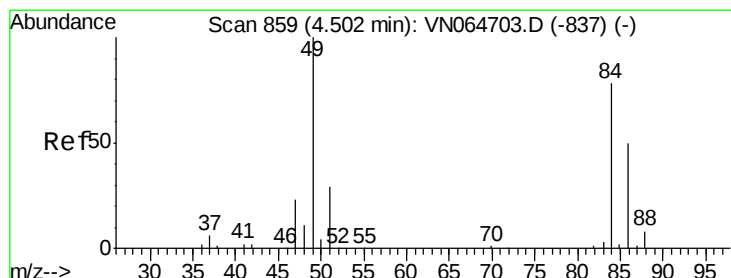
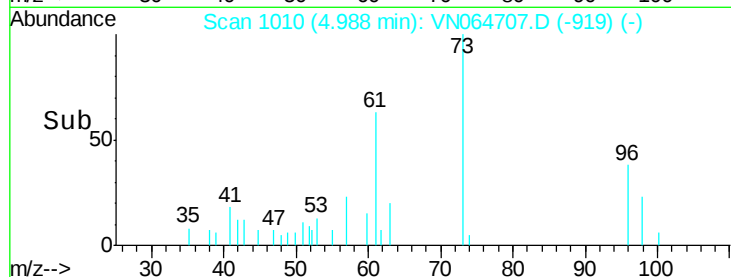
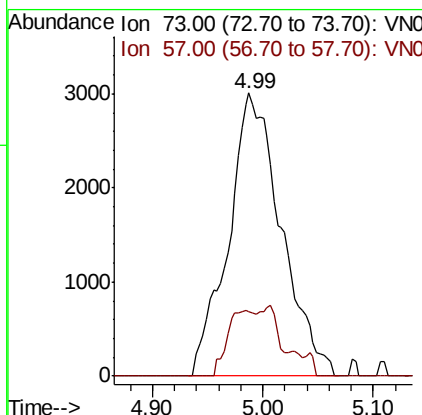
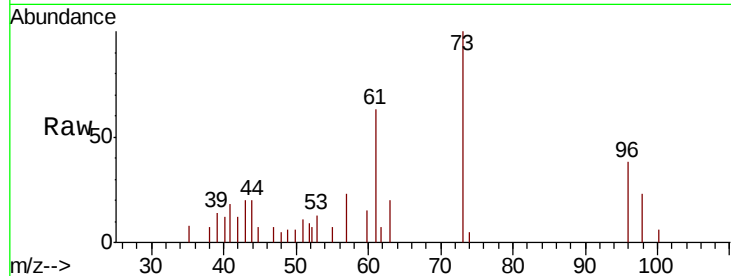


#19

Methyl tert-butyl Ether
 Concen: 0.886 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

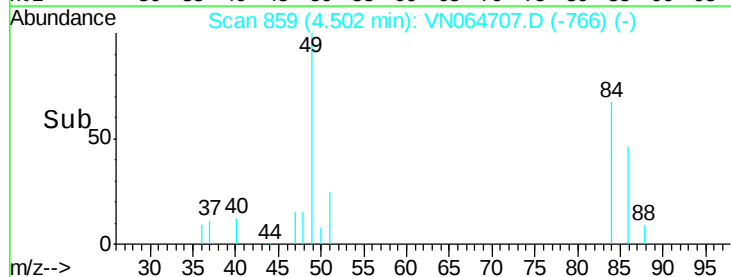
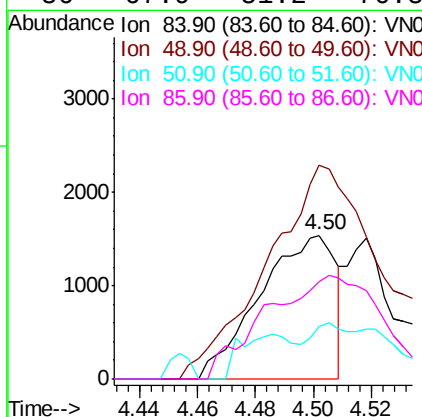
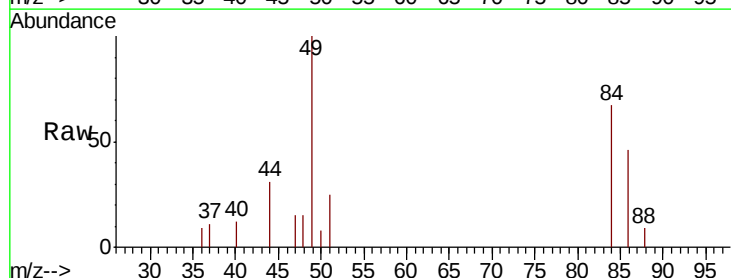
Tot Ion: 73 Resp: 9980
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.3 25.9

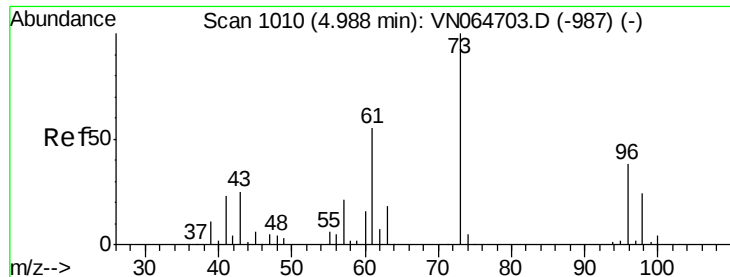


#20

Methylene Chloride
 Concen: 0.720 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 84 Resp: 2791
 Ion Ratio Lower Upper
 84 100
 49 138.7 102.4 153.6
 51 22.3 29.4 44.2#
 86 67.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 1.111 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

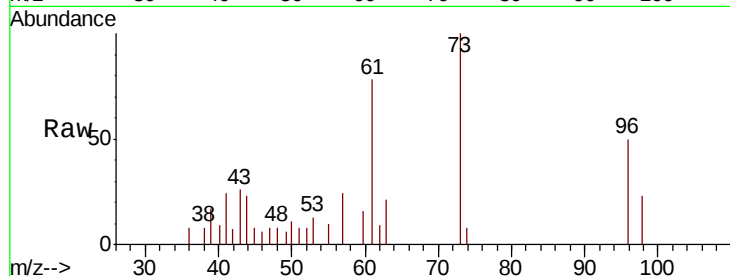
Tot Ion: 96 Resp: 3956

Ion Ratio Lower Upper

96 100

61 157.0 117.9 176.9

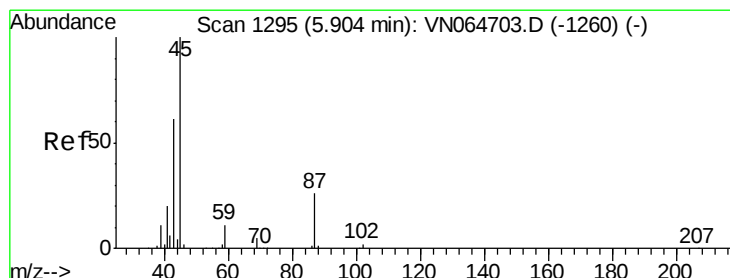
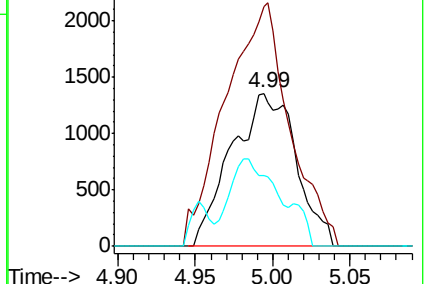
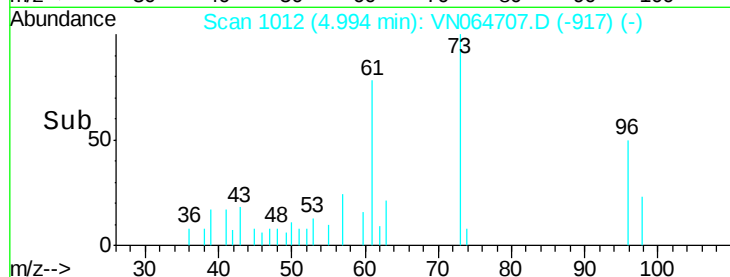
98 46.6 51.1 76.7#



Abundance Ion 95.90 (95.60 to 96.60): VN064707.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064707.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064707.D (-917) (-)



#22

Diisopropyl ether

Concen: 0.606 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion: 45 Resp: 7760

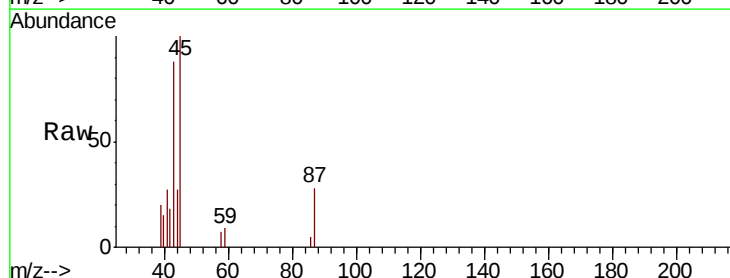
Ion Ratio Lower Upper

45 100

43 22.7 52.3 78.5#

87 28.0 21.6 32.4

59 8.9 8.7 13.1

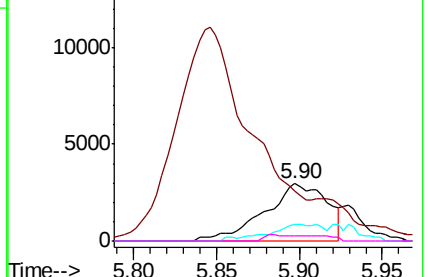
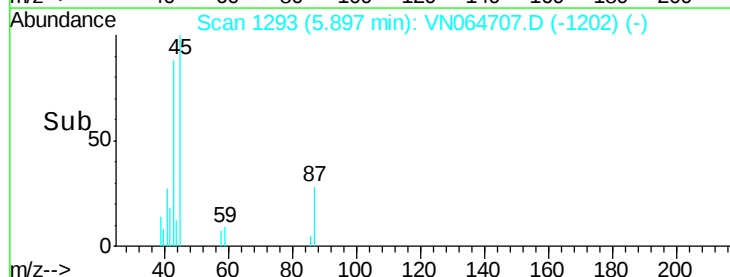


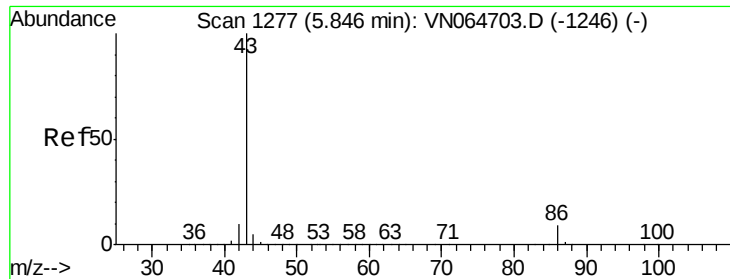
Abundance Ion 45.00 (44.70 to 45.70): VN064707.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064707.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064707.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064707.D (-1202) (-)

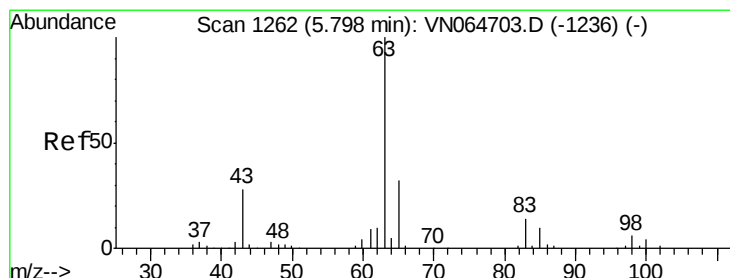
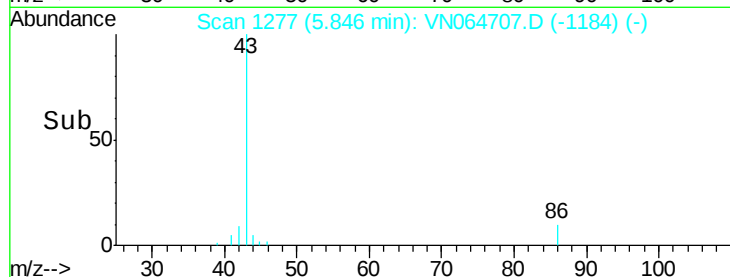
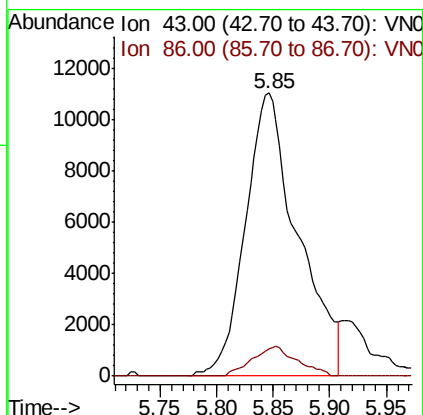
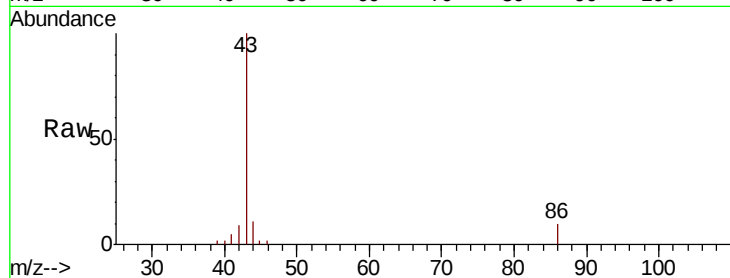




#23
 Vinyl Acetate
 Concen: 3.421 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

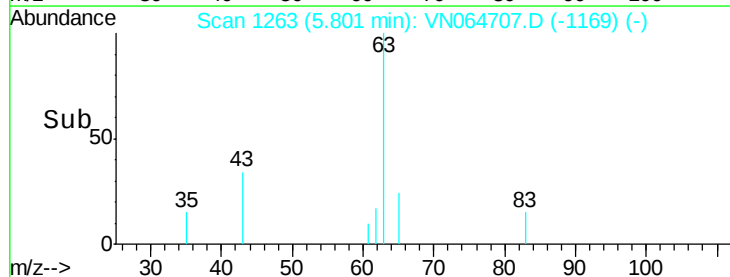
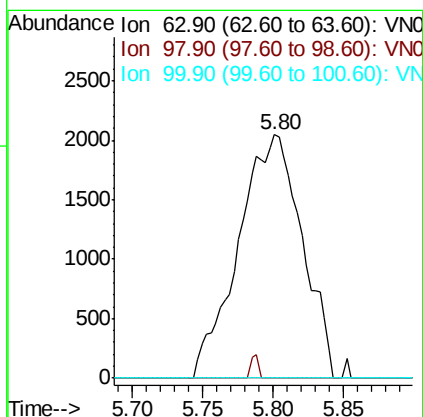
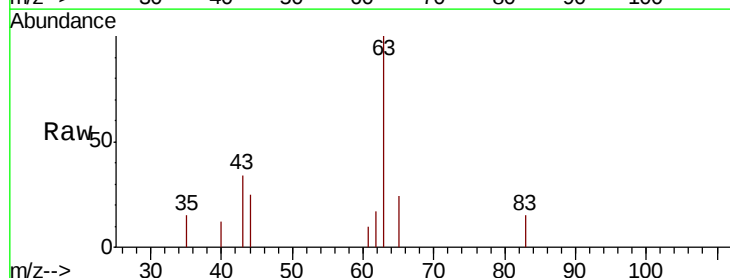
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

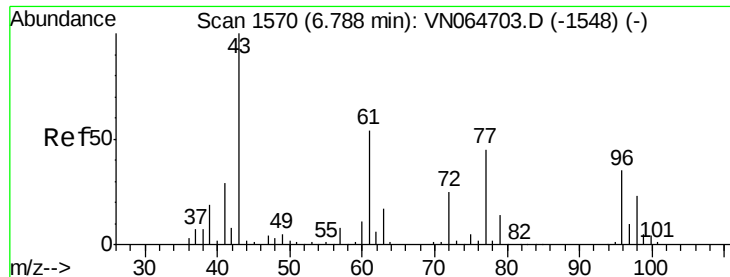
Tot Ion: 43 Resp: 35501
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 0.905 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 63 Resp: 6435
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.2 9.6#
 100 0.0 1.9 5.7#





#25

2-Butanone

Concen: 3.628 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

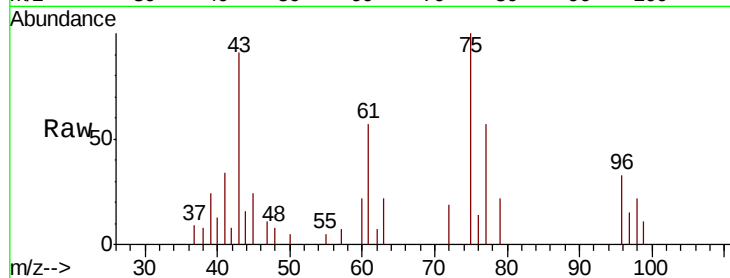
VSTDIC001

Tot Ion: 43 Resp: 8672

Ion Ratio Lower Upper

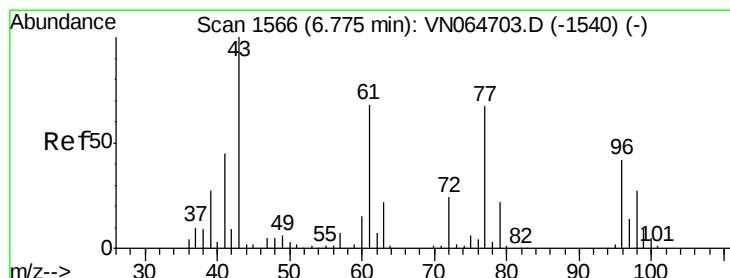
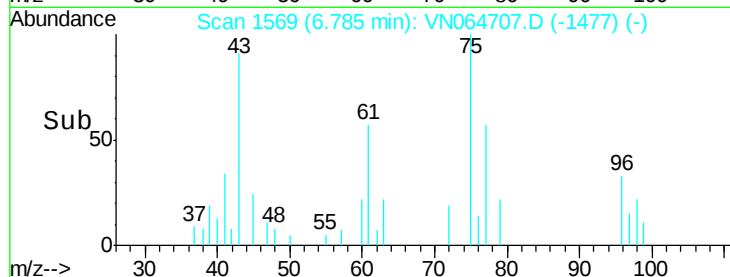
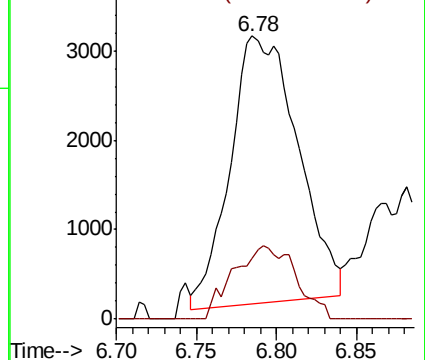
43 100

72 23.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 0.632 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064707.D

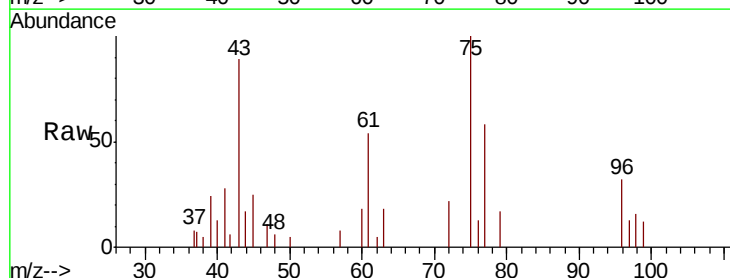
Acq: 18 Nov 2020 14:40

Tgt Ion: 77 Resp: 4112

Ion Ratio Lower Upper

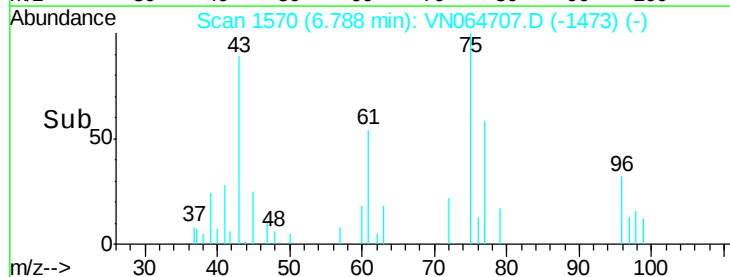
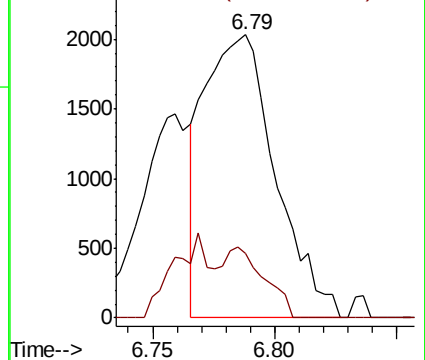
77 100

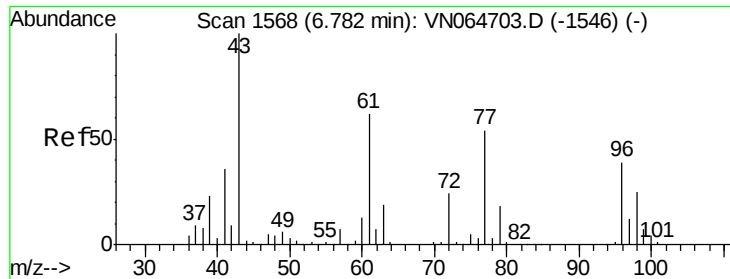
97 14.6 10.5 31.5



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.592 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

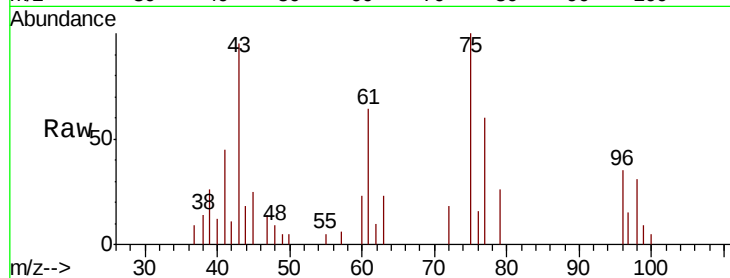
Tot Ion: 96 Resp: 2432

Ion Ratio Lower Upper

96 100

61 255.8 0.0 322.6

98 75.7 0.0 128.6

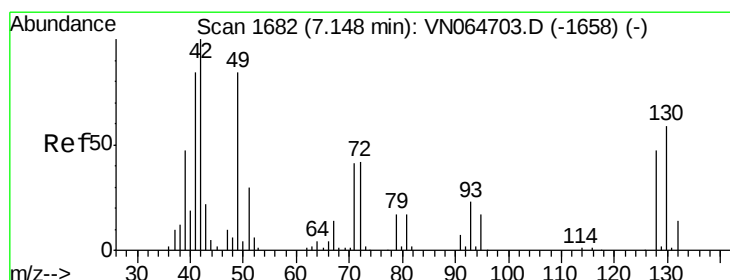
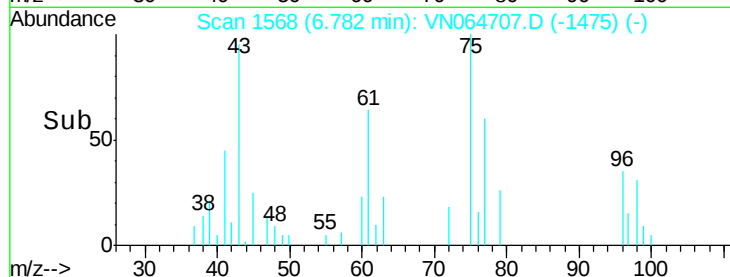


Abundance Ion 95.90 (95.60 to 96.60): VN064707.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064707.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064707.D (-1546) (-)

Time-->



#28

Bromochloromethane

Concen: 0.440 ug/l

RT: 7.14 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

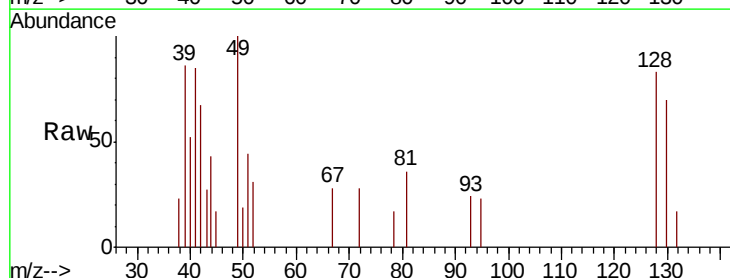
Tgt Ion: 49 Resp: 1580

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 86.8 56.2 84.4#

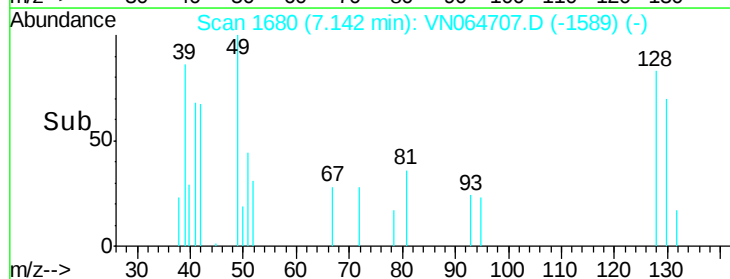


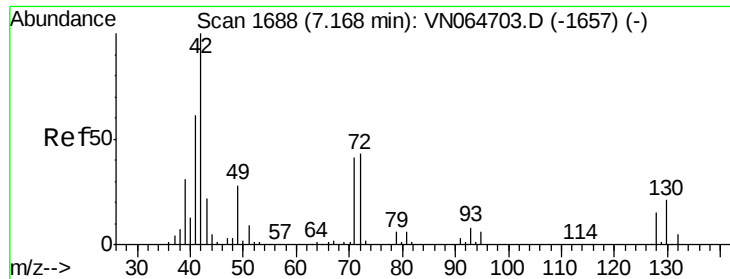
Abundance Ion 48.90 (48.60 to 49.60): VN064707.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN064707.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN064707.D (-1658) (-)

Time-->





#29

Tetrahydrofuran

Concen: 4.239 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

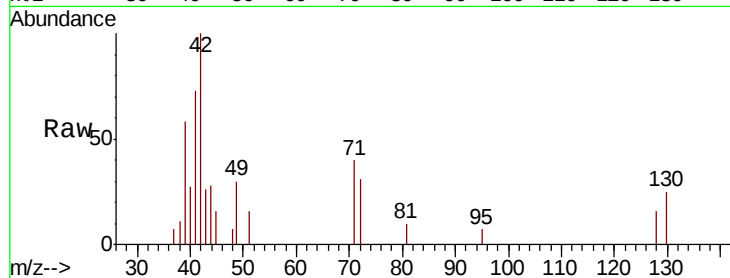
Tot Ion: 42 Resp: 6354

Ion Ratio Lower Upper

42 100

72 19.2 33.0 49.4#

71 25.6 31.8 47.6#

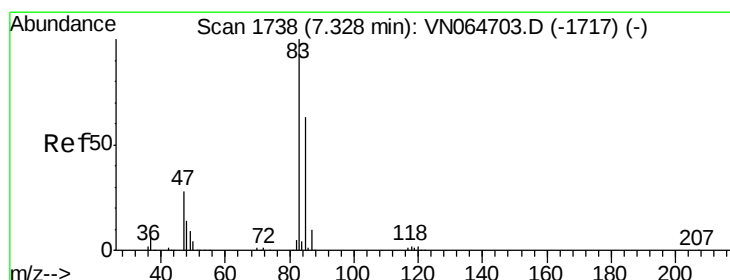
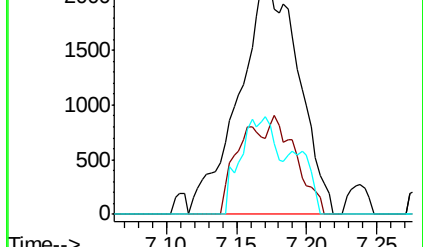
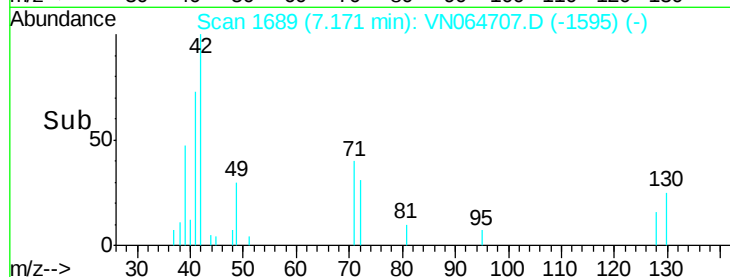


Abundance Ion 42.00 (41.70 to 42.70): VN064707.D (-1657) (-)

Ion 72.00 (71.70 to 72.70): VN064707.D (-1657) (-)

Ion 71.00 (70.70 to 71.70): VN064707.D (-1657) (-)

Time-->



#30

Chloroform

Concen: 0.983 ug/l

RT: 7.32 min Scan# 1736

Delta R.T. -0.01 min

Lab File: VN064707.D

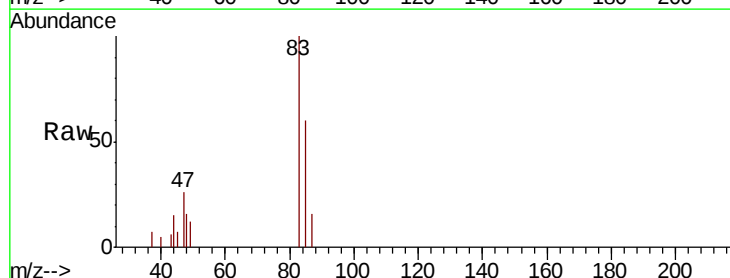
Acq: 18 Nov 2020 14:40

Tgt Ion: 83 Resp: 7383

Ion Ratio Lower Upper

83 100

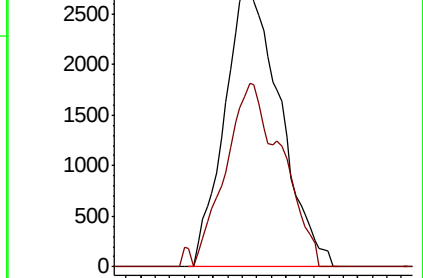
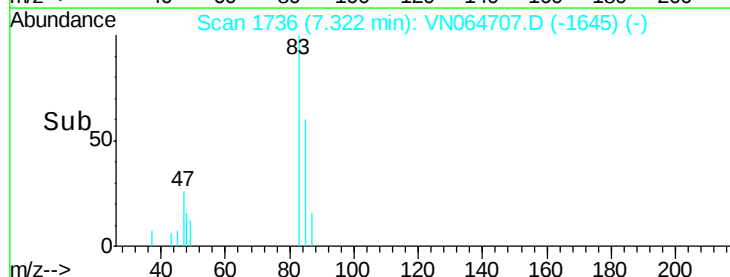
85 60.2 50.6 75.8

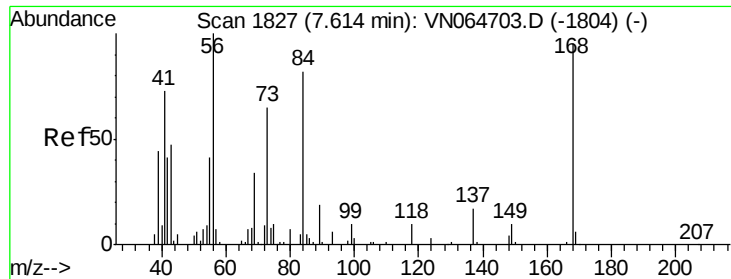


Abundance Ion 82.90 (82.60 to 83.60): VN064707.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064707.D (-1645) (-)

Time-->

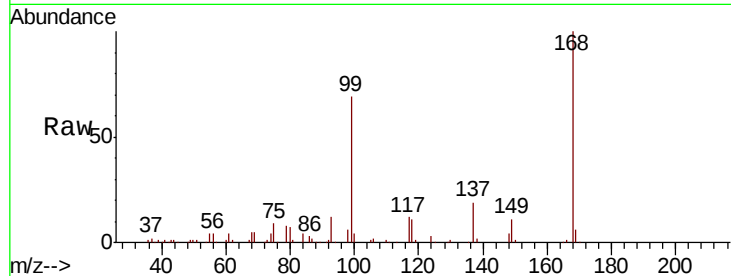




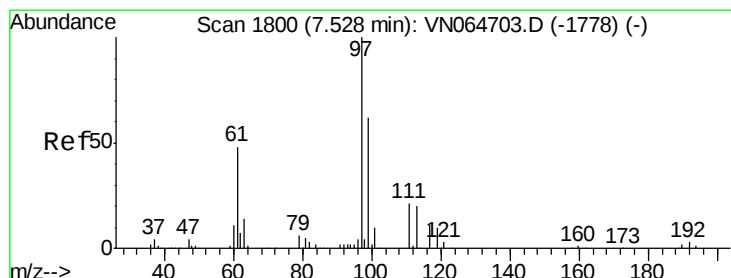
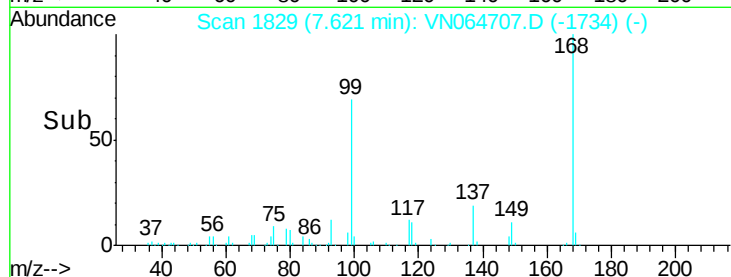
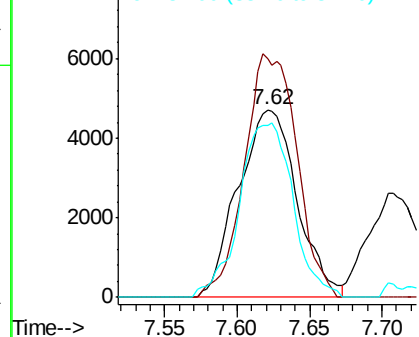
#31
Cyclohexane
Concen: 2.186 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 56 Resp: 13292
Ion Ratio Lower Upper
56 100
69 127.2 27.2 40.8#
84 91.7 65.9 98.9

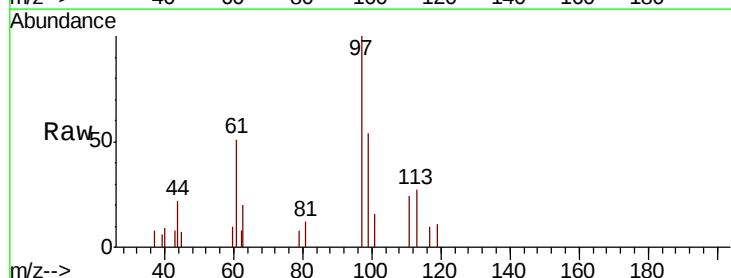


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

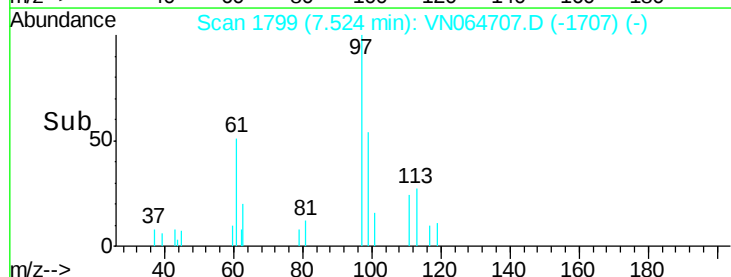
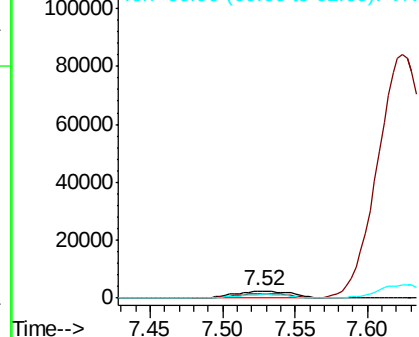


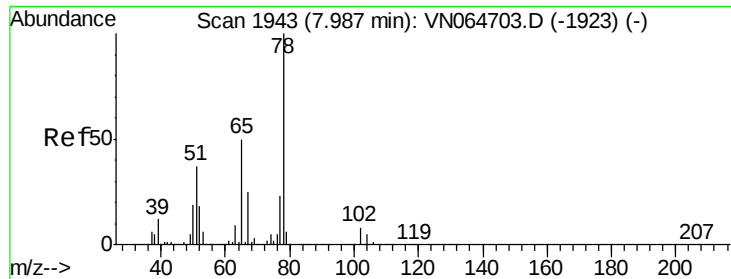
#32
1,1,1-Trichloroethane
Concen: 1.039 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 97 Resp: 6951
Ion Ratio Lower Upper
97 100
99 0.0 50.6 76.0#
61 44.7 38.3 57.5



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

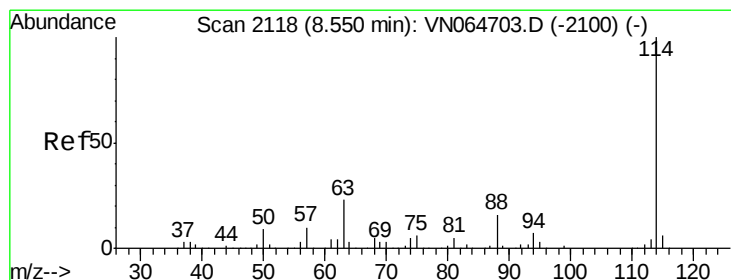
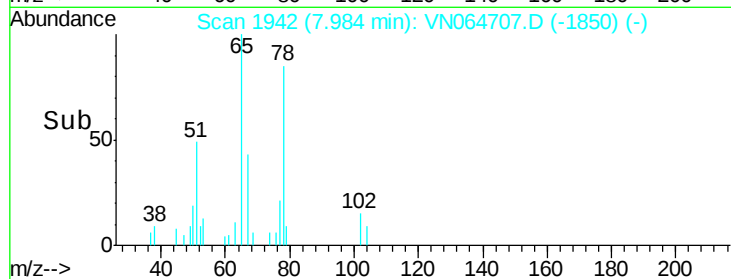
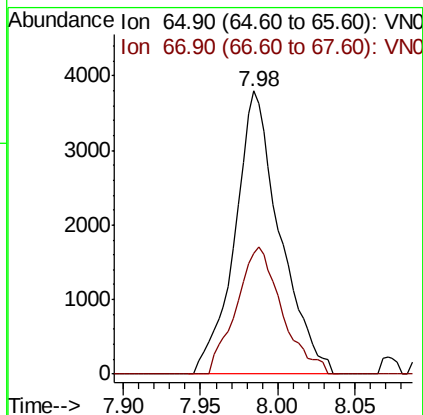
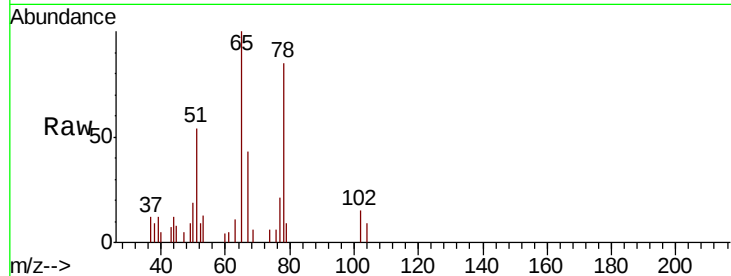




#33
 1,2-Dichloroethane-d4
 Concen: 1.485 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

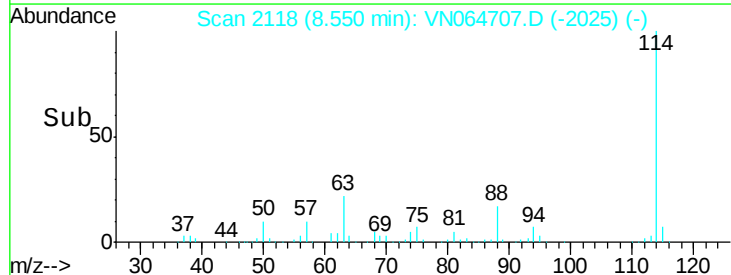
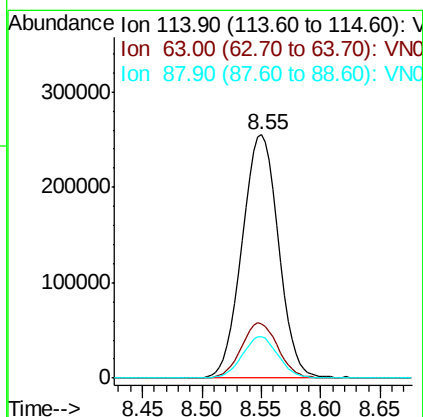
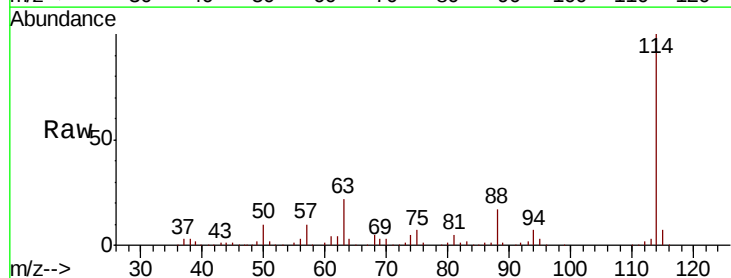
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

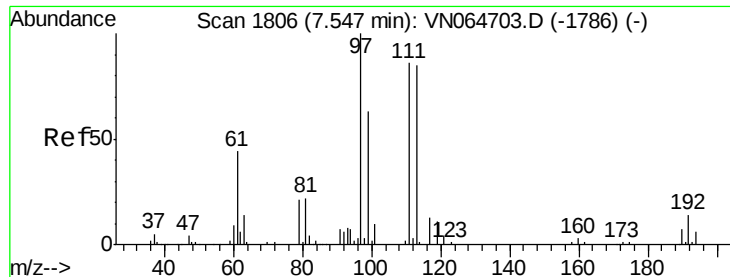
Tot Ion: 65 Resp: 7701
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 114 Resp: 541752
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.0
 88 17.1 0.0 31.2

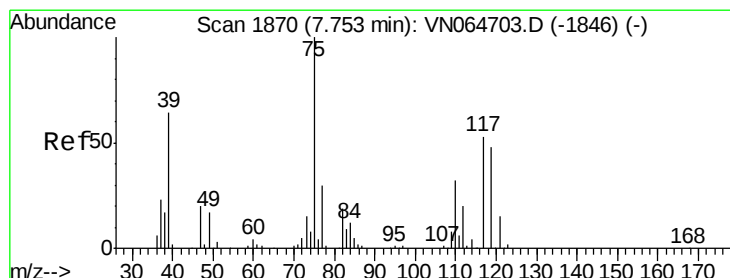
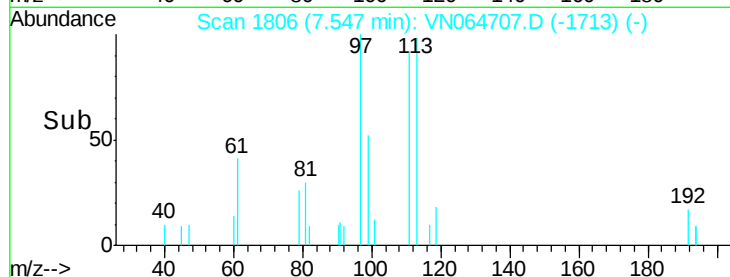
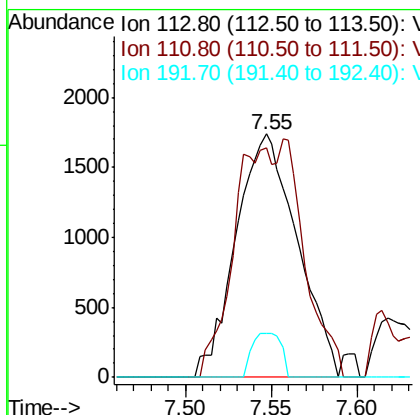
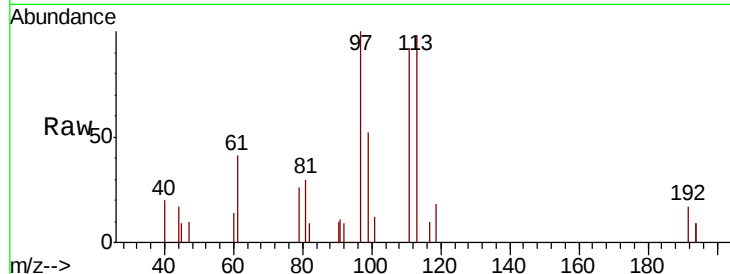




#35
 Dibromofluoromethane
 Concen: 1.202 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

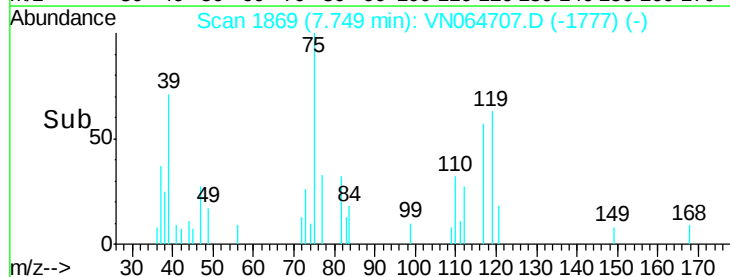
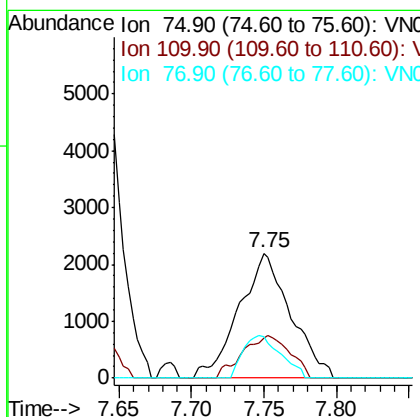
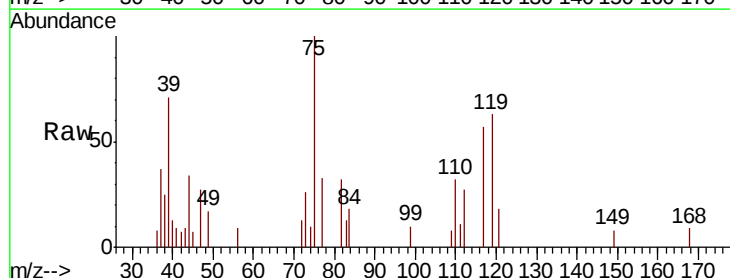
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

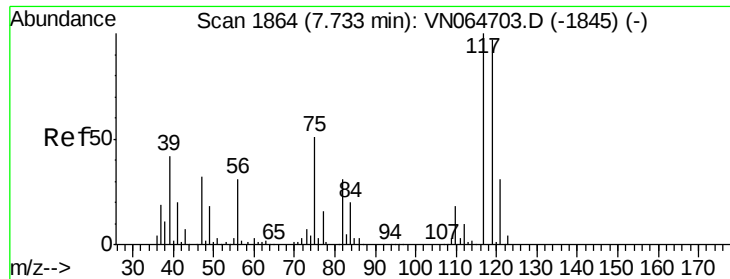
Tot Ion:113 Resp: 4299
 Ion Ratio Lower Upper
 113 100
 111 60.4 82.2 123.4#
 192 8.6 12.7 19.1#



#36
 1,1-Dichloropropene
 Concen: 0.963 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 75 Resp: 5412
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.2 48.6
 77 25.0 24.4 36.6

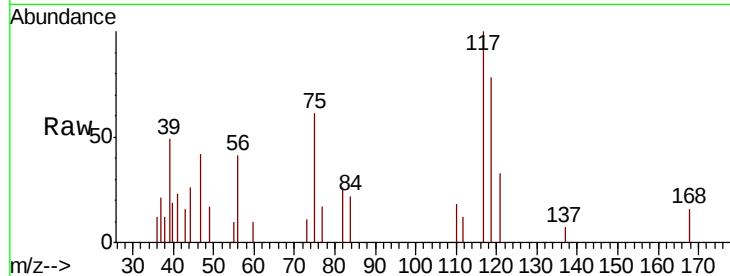




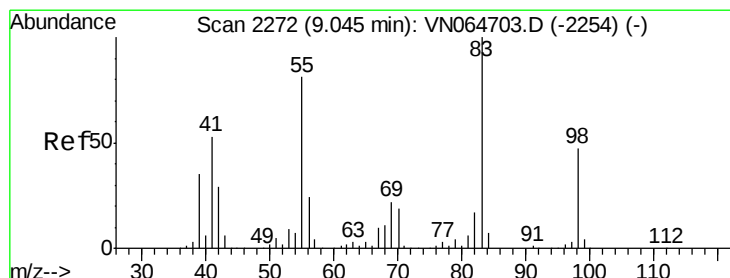
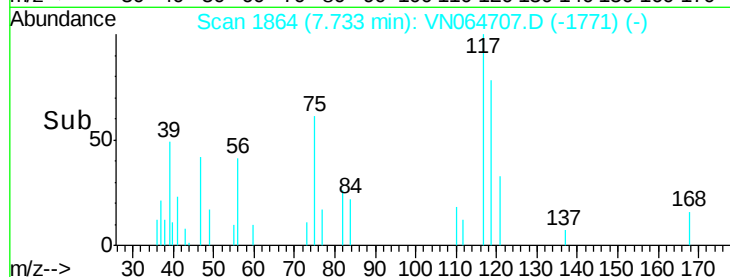
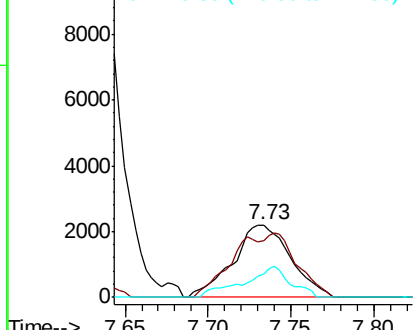
#38
Carbon Tetrachloride
Concen: 0.878 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 5317
Ion Ratio Lower Upper
117 100
119 78.4 77.8 116.6
121 33.0 24.9 37.3

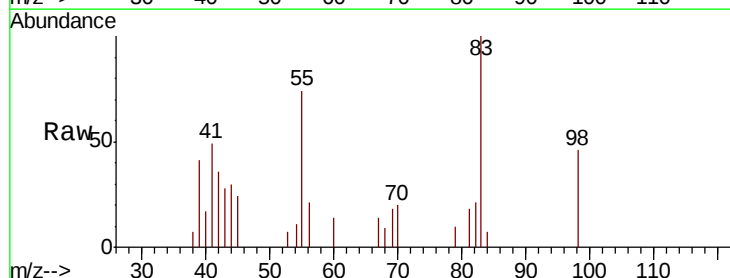


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

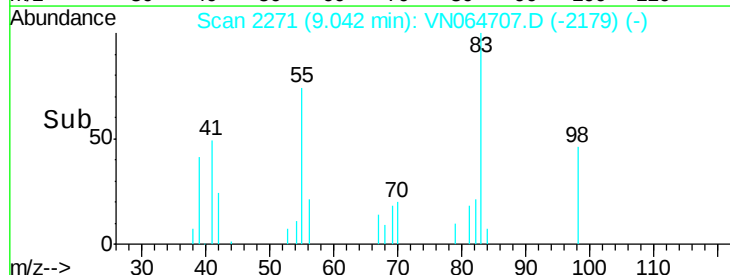
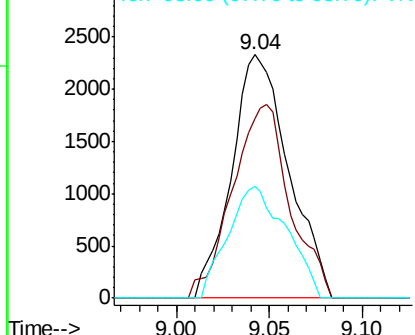


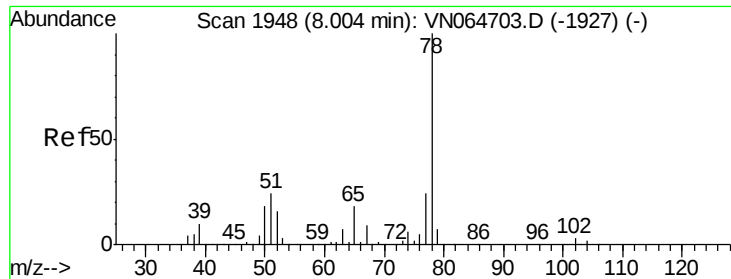
#39
Methylcyclohexane
Concen: 0.994 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 83 Resp: 4988
Ion Ratio Lower Upper
83 100
55 73.6 64.6 97.0
98 45.8 37.7 56.5



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





#40

Benzene

Concen: 0.825 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

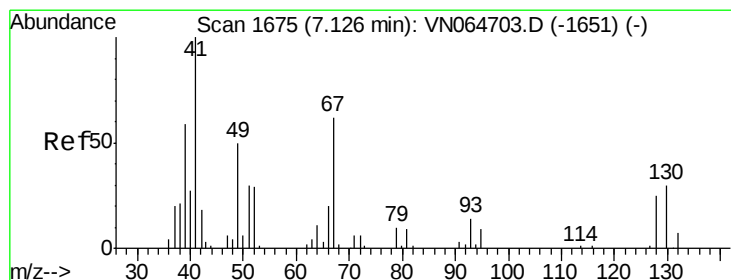
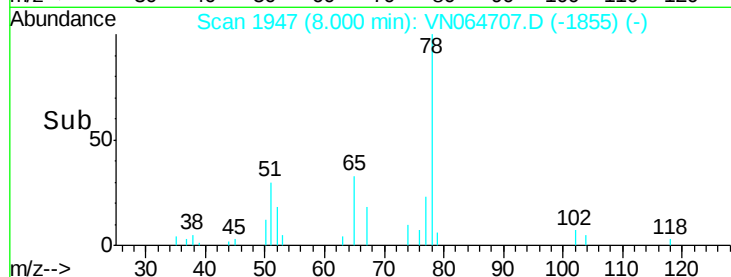
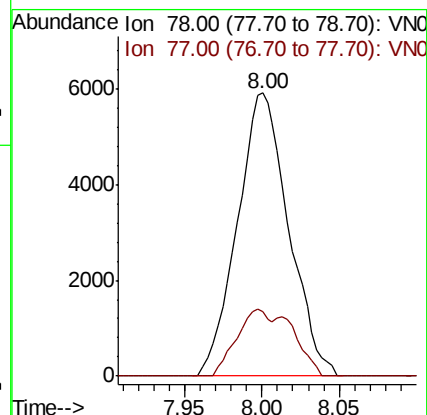
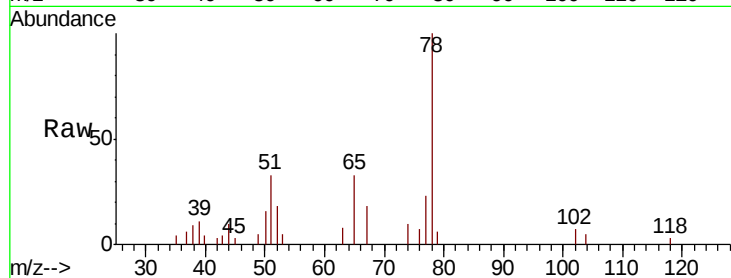
VSTDIC001

Tot Ion: 78 Resp: 13604

Ion Ratio Lower Upper

78 100

77 22.6 19.2 28.8



#41

Methacrylonitrile

Concen: 0.389 ug/l

RT: 7.12 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion: 41 Resp: 973

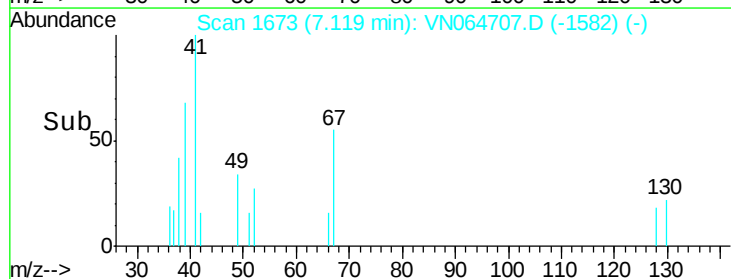
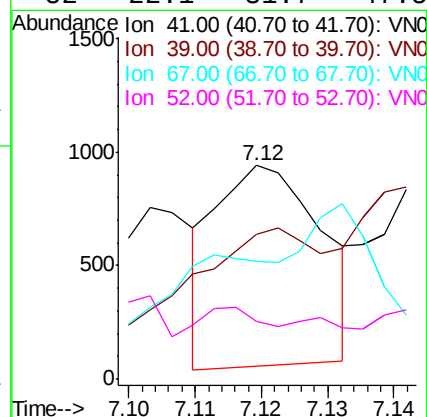
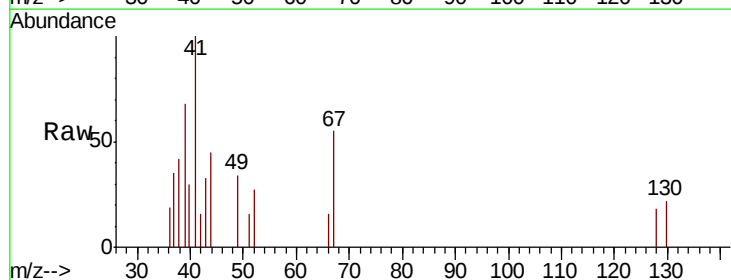
Ion Ratio Lower Upper

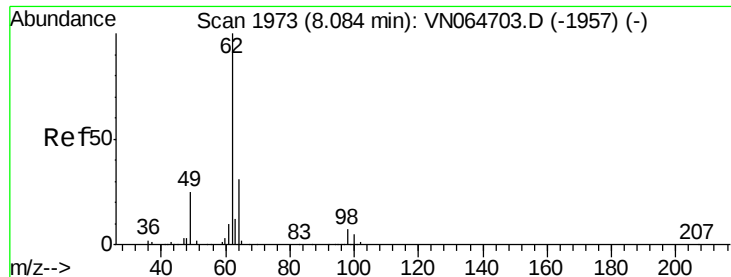
41 100

39 70.3 46.0 69.0#

67 70.3 67.0 100.4

52 22.1 31.7 47.5#





#42

1,2-Dichloroethane

Concen: 0.964 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

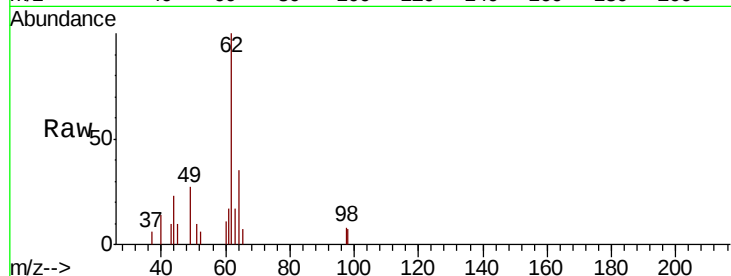
VSTDIC001

Tot Ion: 62 Resp: 6459

Ion Ratio Lower Upper

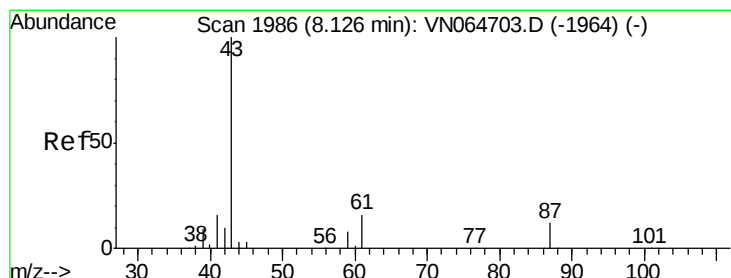
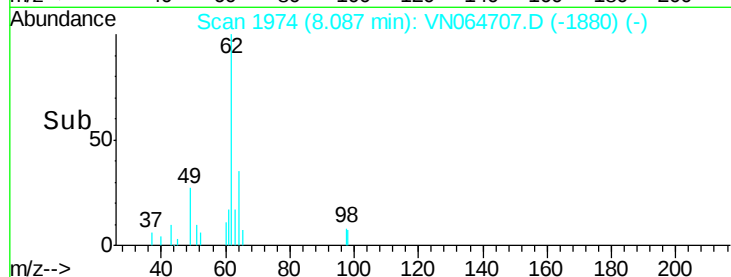
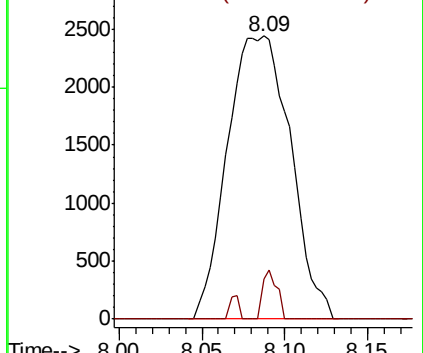
62 100

98 3.9 0.0 13.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#43

Isopropyl Acetate

Concen: 1.008 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

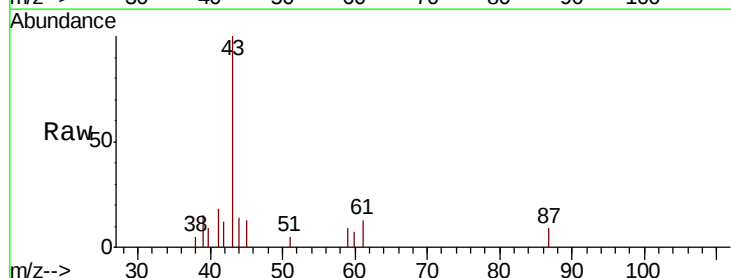
Tgt Ion: 43 Resp: 9153

Ion Ratio Lower Upper

43 100

61 3.3 14.1 21.1#

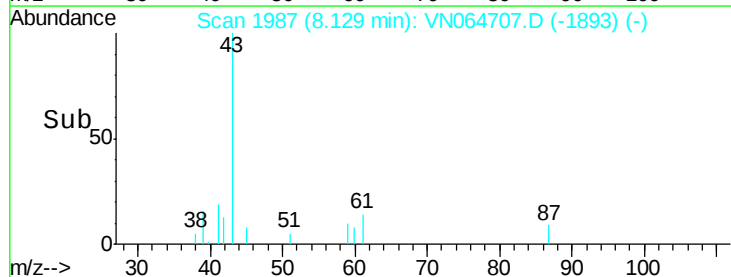
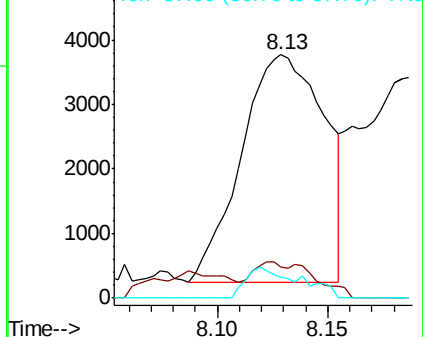
87 8.9 9.1 13.7#

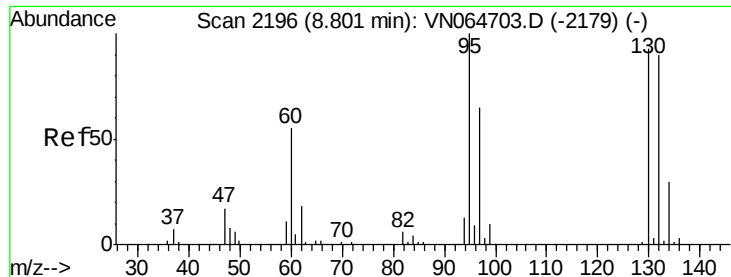


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#44

Trichloroethene

Concen: 1.121 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

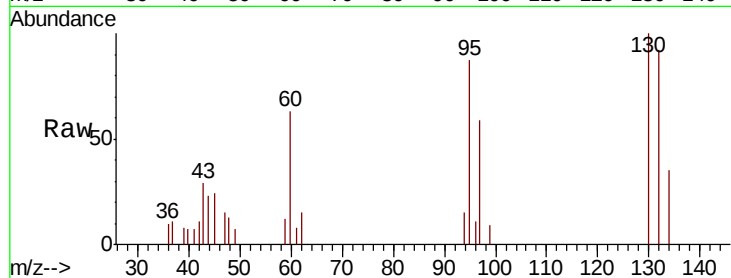
VSTDIC001

Tot Ion:130 Resp: 4719

Ion Ratio Lower Upper

130 100

95 87.3 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.80

2500

2000

1500

1000

500

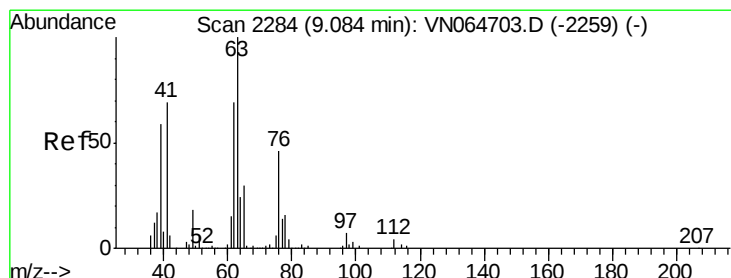
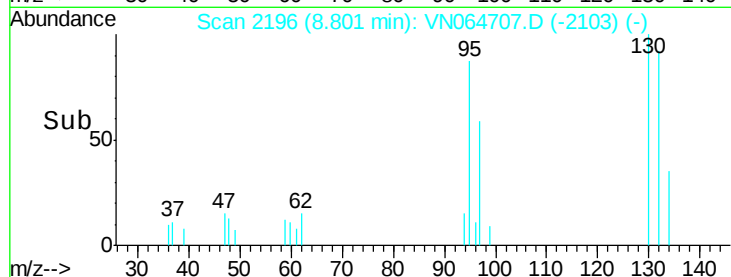
0

8.75

8.80

8.85

Time-->



#45

1,2-Dichloropropane

Concen: 0.880 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064707.D

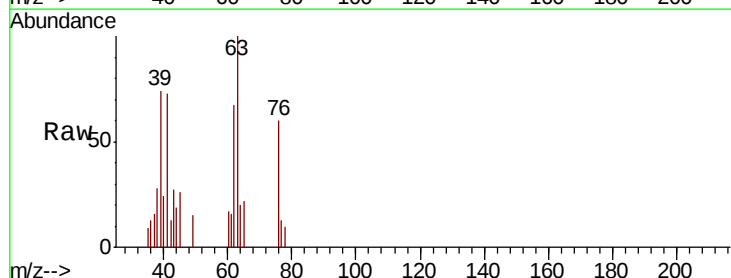
Acq: 18 Nov 2020 14:40

Tgt Ion: 63 Resp: 3863

Ion Ratio Lower Upper

63 100

65 21.9 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

2000

1500

1000

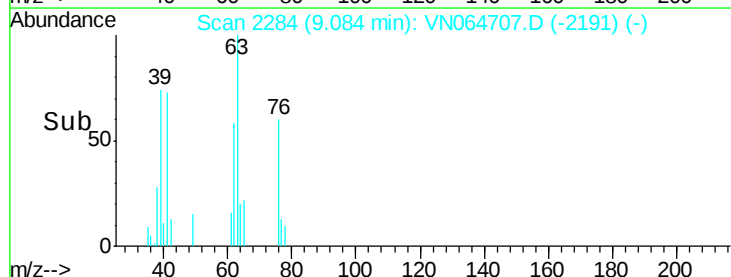
500

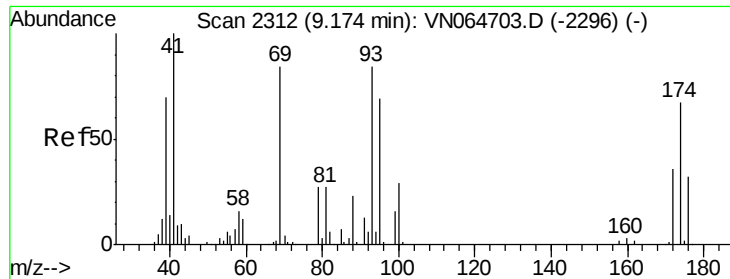
0

9.05

9.10

Time-->





#46

Dibromomethane

Concen: 0.886 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

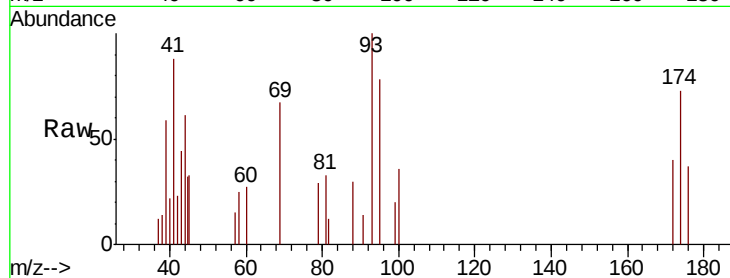
Tot Ion: 93 Resp: 2601

Ion Ratio Lower Upper

93 100

95 0.0 64.6 97.0#

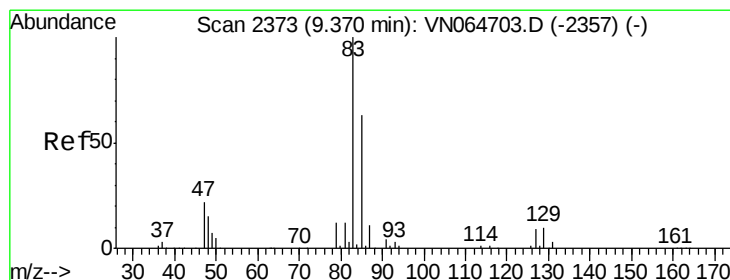
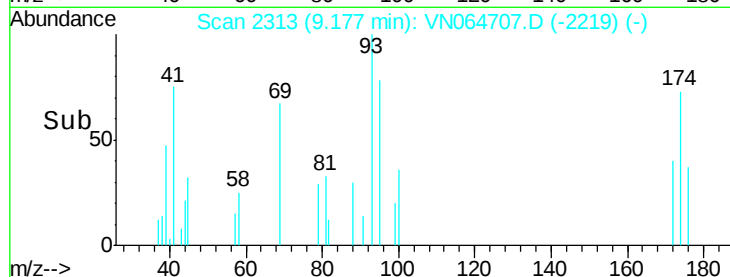
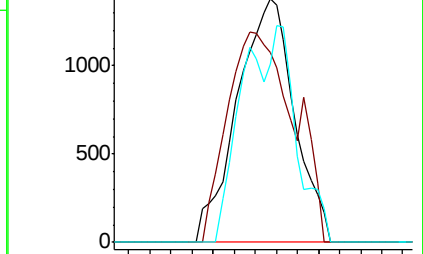
174 43.9 64.3 96.5#



Abundance Ion 92.80 (92.50 to 93.50): VN064707.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064707.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064707.D (-2296) (-)



#47

Bromodichloromethane

Concen: 0.926 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

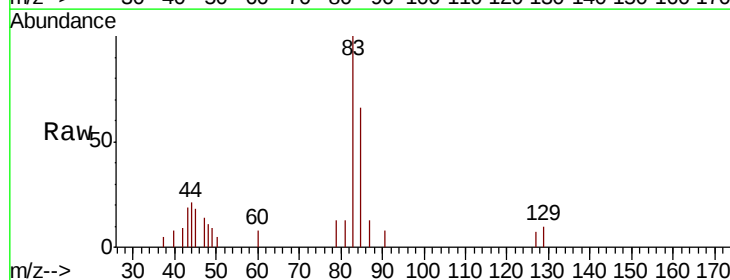
Tgt Ion: 83 Resp: 5811

Ion Ratio Lower Upper

83 100

85 65.6 50.8 76.2

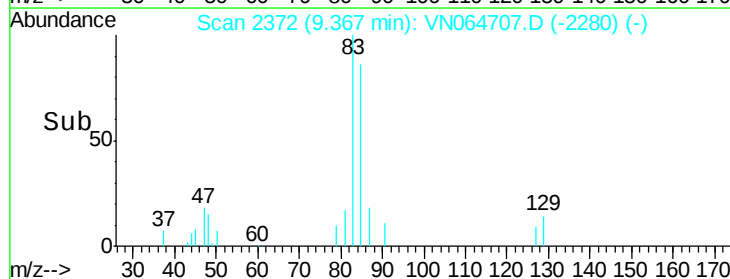
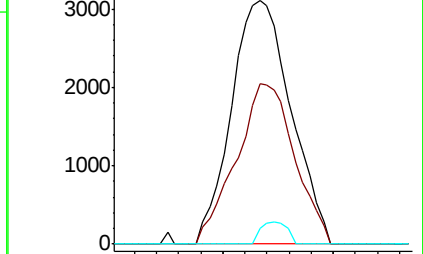
127 6.7 7.0 10.4#

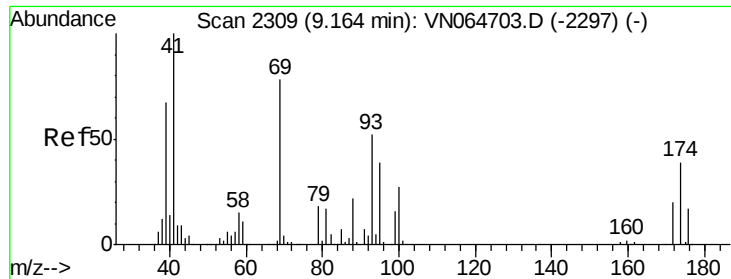


Abundance Ion 82.90 (82.60 to 83.60): VN064707.D (-2357) (-)

Ion 84.90 (84.60 to 85.60): VN064707.D (-2357) (-)

Ion 126.80 (126.50 to 127.50): VN064707.D (-2357) (-)

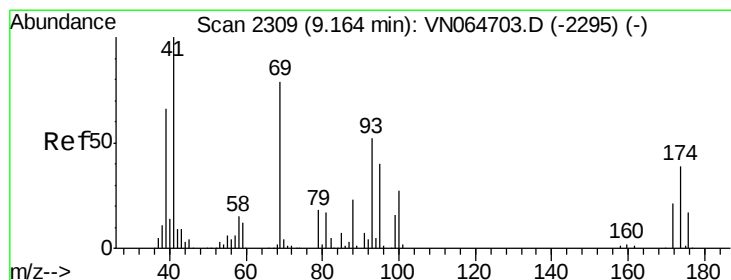
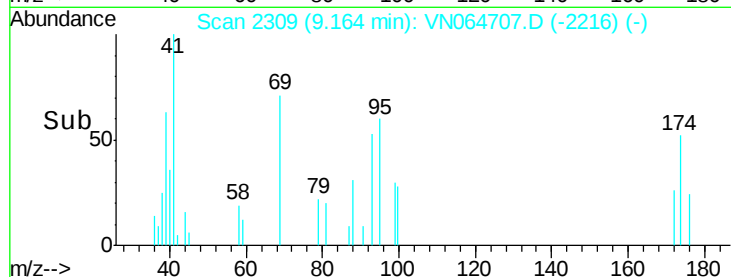
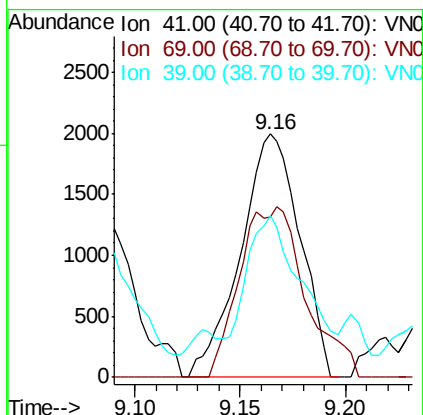
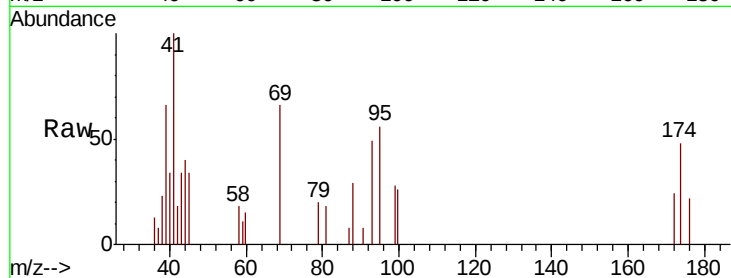




#48
Methvl methacrylate
Concen: 0.852 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

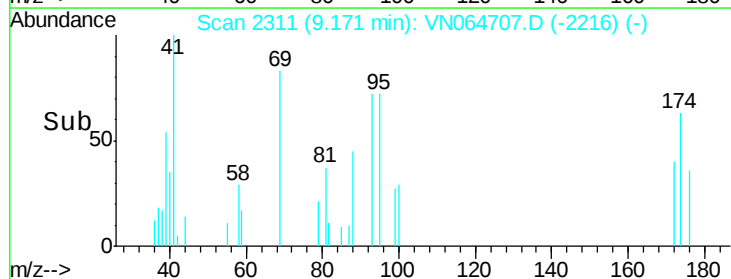
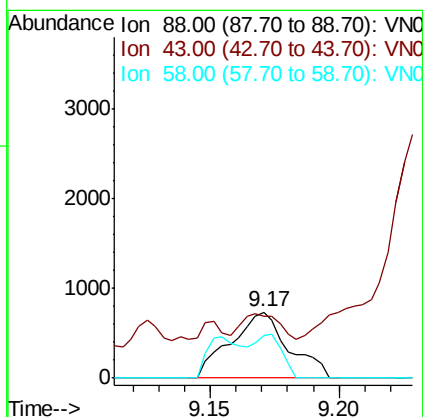
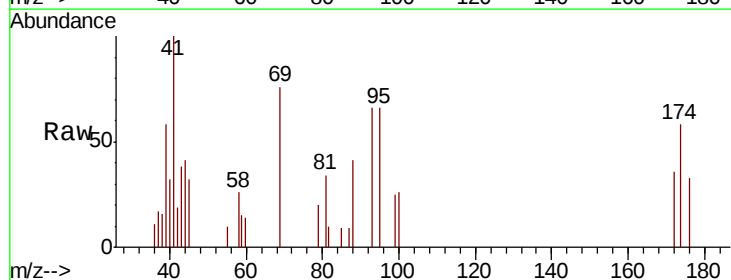
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

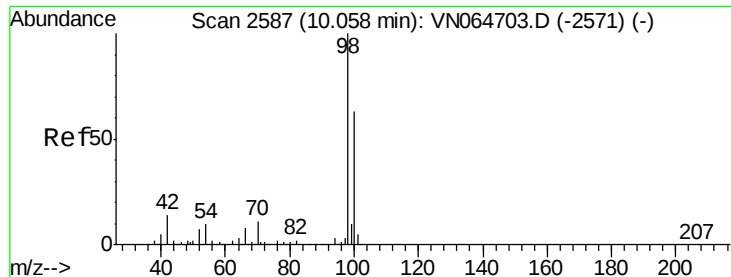
Tot Ion: 41 Resp: 3896
Ion Ratio Lower Upper
41 100
69 78.3 62.3 93.5
39 49.4 55.1 82.7#



#49
1,4-Dioxane
Concen: 19.337 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.01 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 88 Resp: 1148
Ion Ratio Lower Upper
88 100
43 30.2 31.3 46.9#
58 31.2 55.7 83.5#





#50

Toluene-d8

Concen: 1.200 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

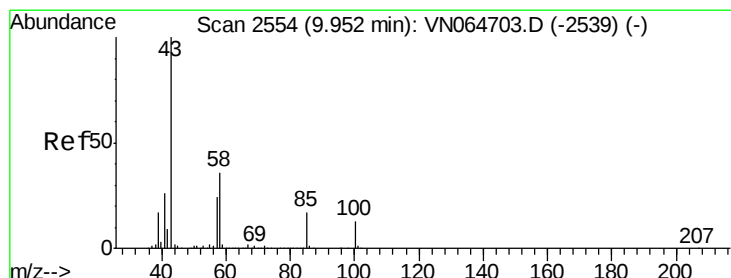
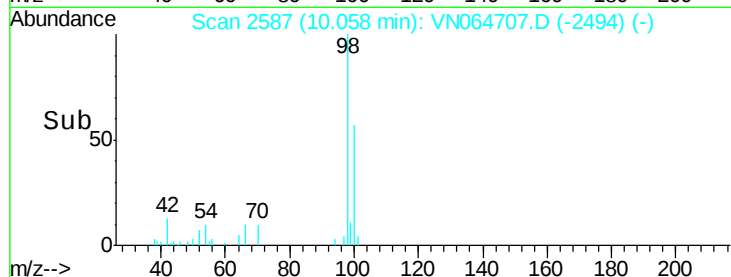
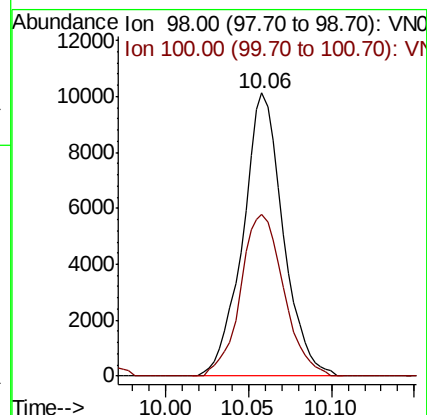
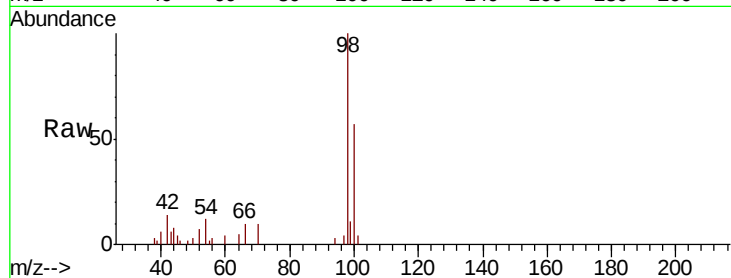
VSTDIC001

Tot Ion: 98 Resp: 17064

Ion Ratio Lower Upper

98 100

100 61.3 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 3.789 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064707.D

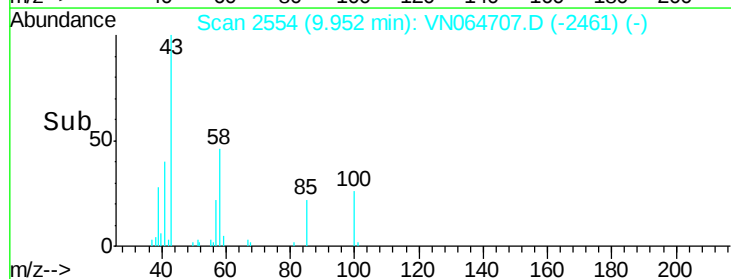
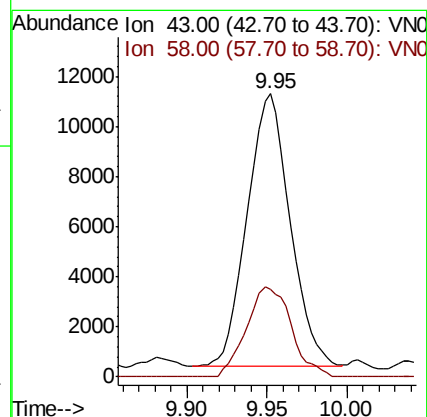
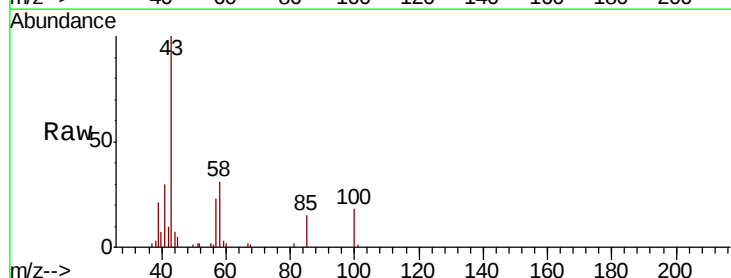
Acq: 18 Nov 2020 14:40

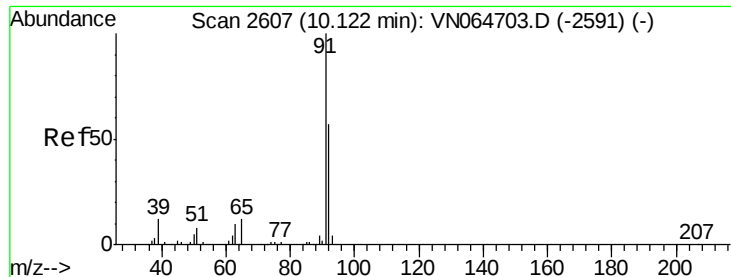
Tgt Ion: 43 Resp: 19954

Ion Ratio Lower Upper

43 100

58 34.4 28.5 42.7





#52

Toluene

Concen: 0.806 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

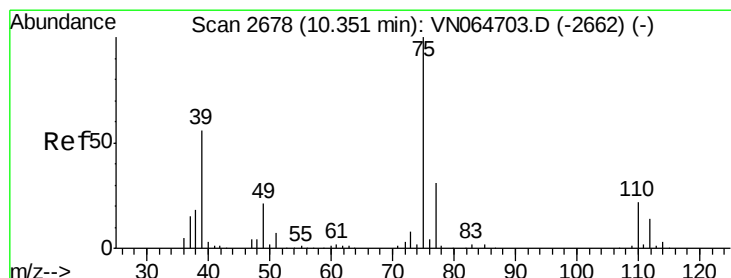
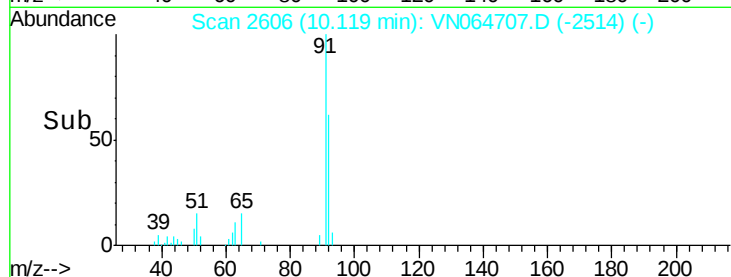
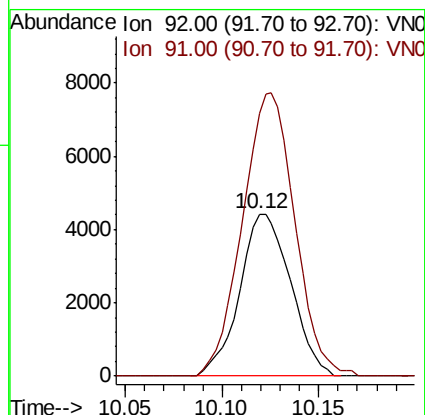
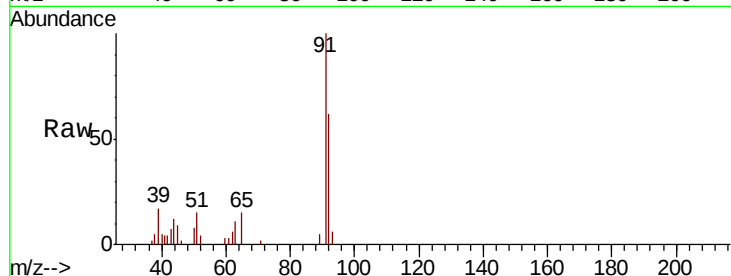
VSTDIC001

Tot Ion: 92 Resp: 8117

Ion Ratio Lower Upper

92 100

91 179.8 141.2 211.8



#53

t-1,3-Dichloropropene

Concen: 0.813 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064707.D

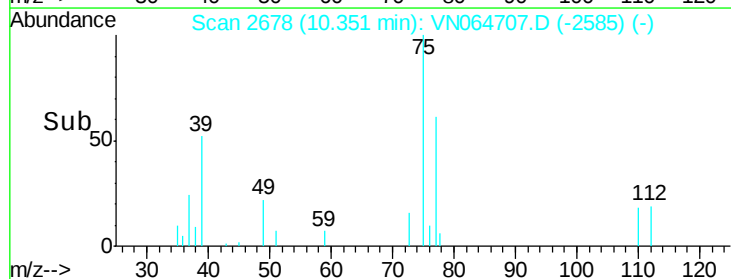
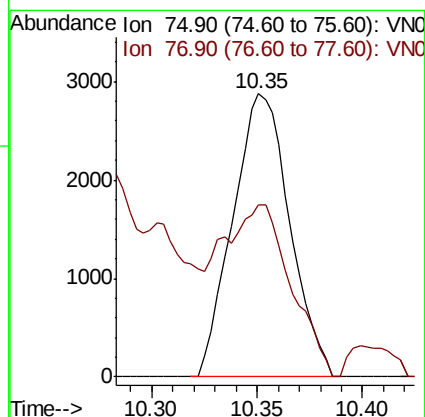
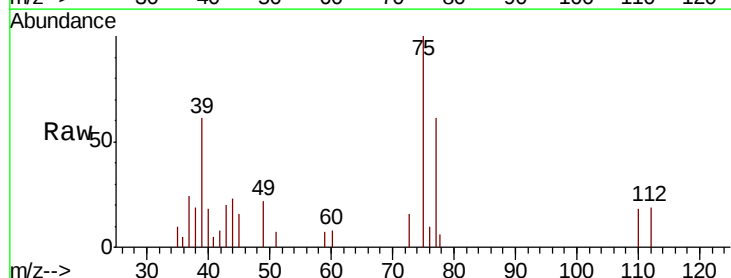
Acq: 18 Nov 2020 14:40

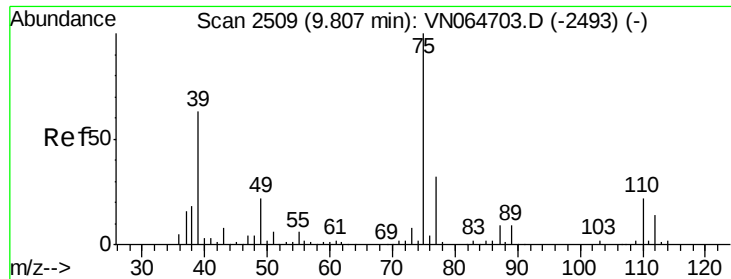
Tgt Ion: 75 Resp: 5384

Ion Ratio Lower Upper

75 100

77 60.7 25.4 38.0#





#54

cis-1,3-Dichloropropene

Concen: 0.765 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

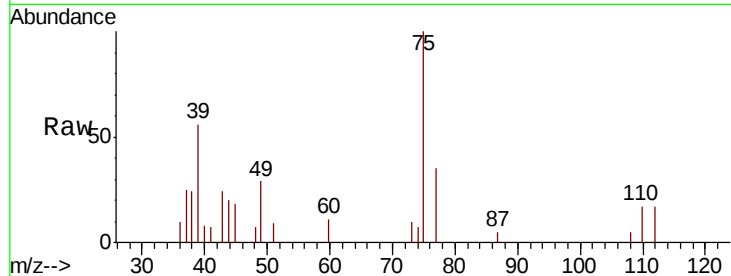
Tot Ion: 75 Resp: 5391

Ion Ratio Lower Upper

75 100

77 34.6 25.8 38.8

39 49.2 50.5 75.7#

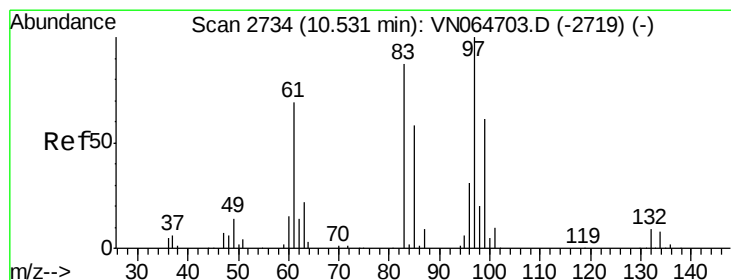
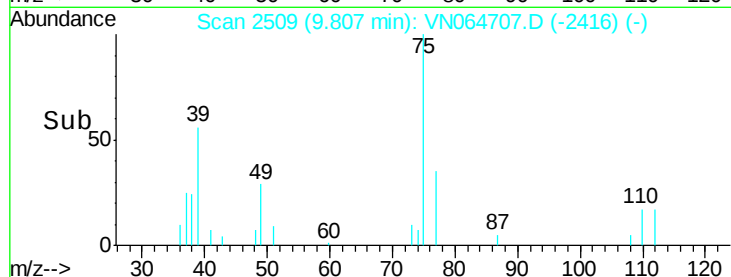
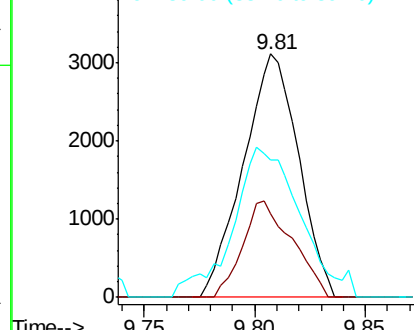


Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO



#55

1,1,2-Trichloroethane

Concen: 0.841 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Tgt Ion: 97 Resp: 3322

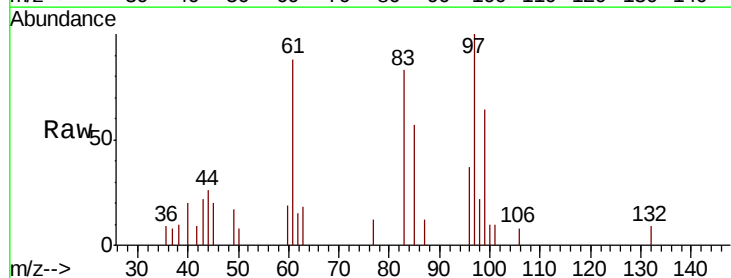
Ion Ratio Lower Upper

97 100

83 82.8 69.6 104.4

85 57.2 46.6 70.0

99 64.4 48.9 73.3



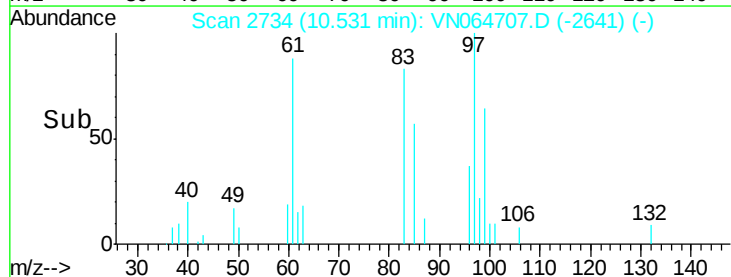
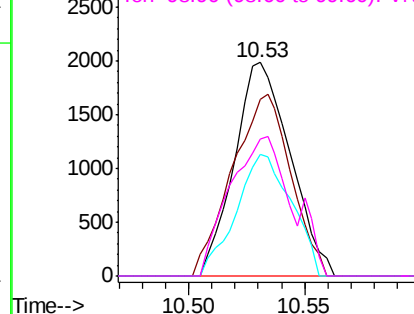
Abundance

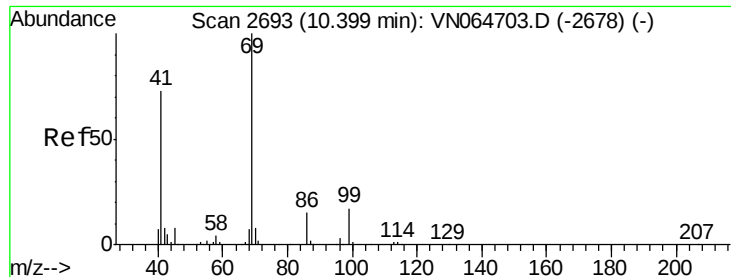
Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO





#56

Ethyl methacrylate

Concen: 0.673 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

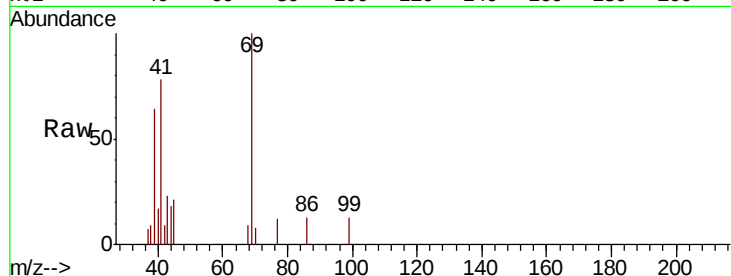
Tot Ion: 69 Resp: 3829

Ion Ratio Lower Upper

69 100

41 82.2 59.0 88.4

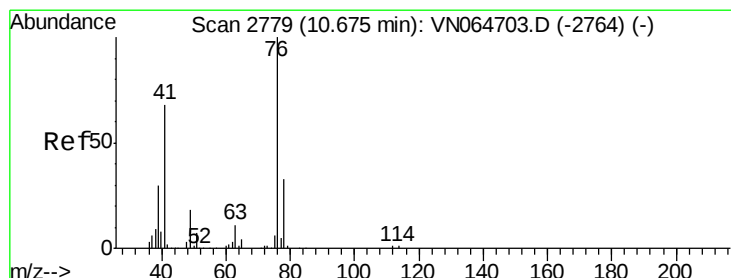
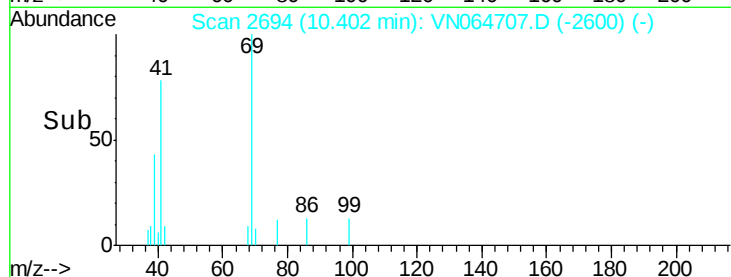
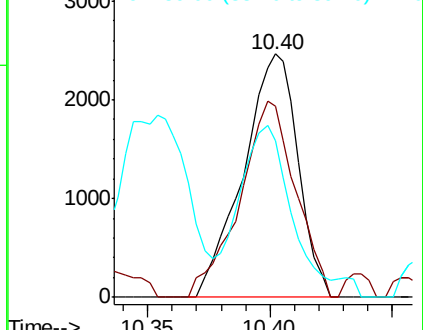
39 55.5 38.4 57.6



Abundance Ion 69.00 (68.70 to 69.70): VN064707.D (-2678) (-)

Ion 41.00 (40.70 to 41.70): VN064707.D (-2678) (-)

Ion 39.00 (38.70 to 39.70): VN064707.D (-2678) (-)



#57

1,3-Dichloropropane

Concen: 0.860 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064707.D

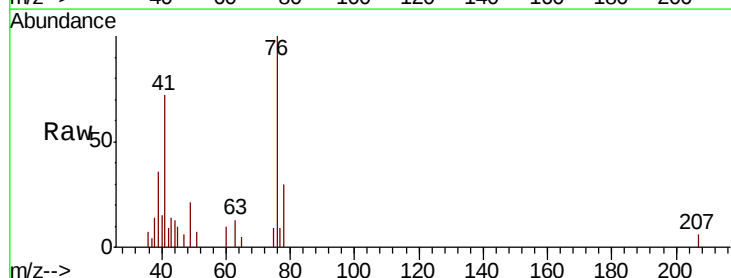
Acq: 18 Nov 2020 14:40

Tgt Ion: 76 Resp: 5911

Ion Ratio Lower Upper

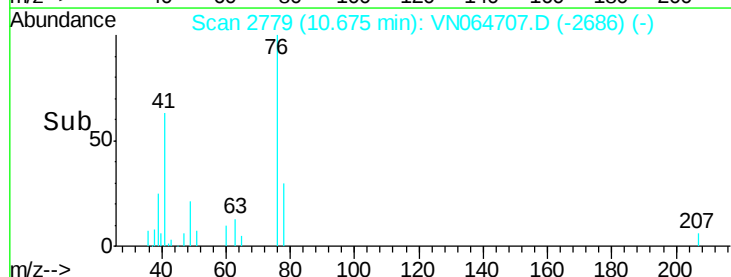
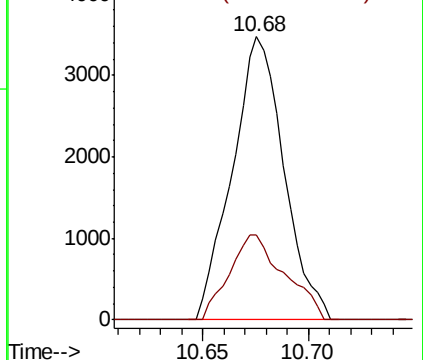
76 100

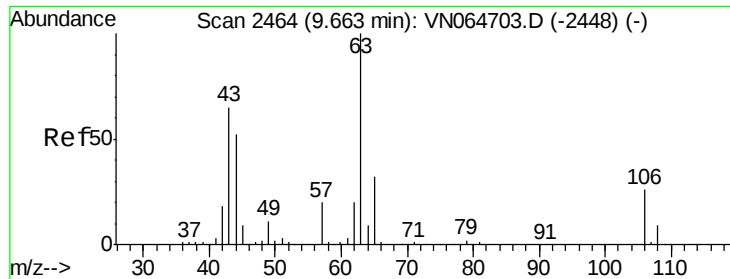
78 32.1 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VN064707.D (-2686) (-)

Ion 77.90 (77.60 to 78.60): VN064707.D (-2686) (-)

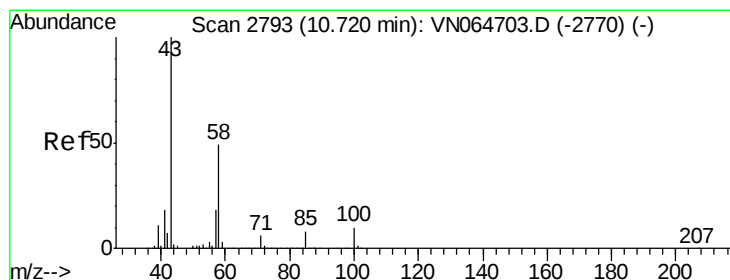
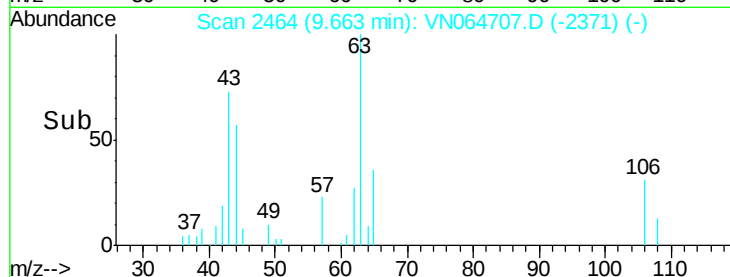
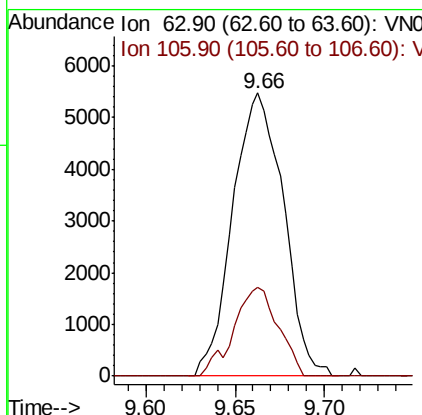
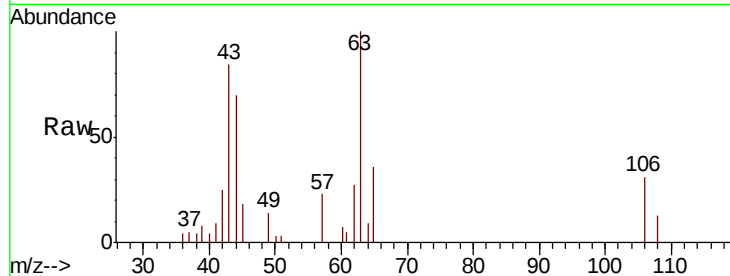




#58
2-Chloroethyl Vinyl ether
Concen: 3.782 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

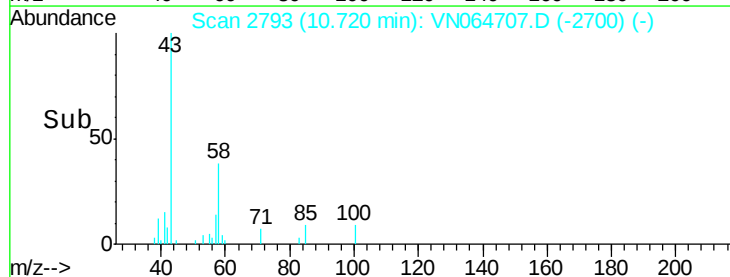
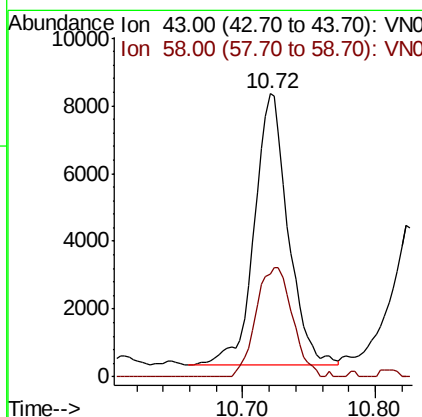
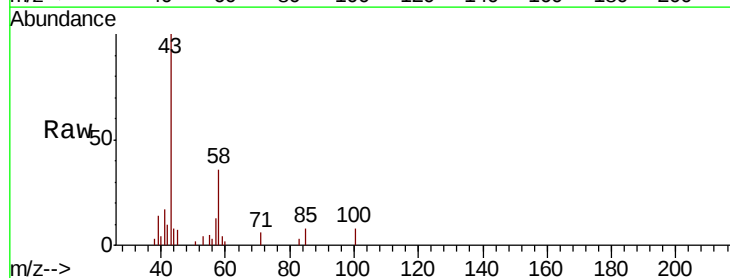
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

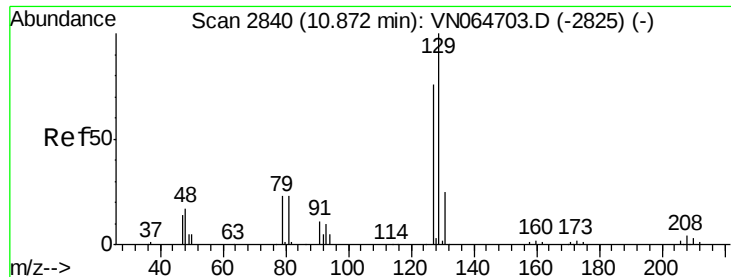
Tot Ion: 63 Resp: 10853
Ion Ratio Lower Upper
63 100
106 27.6 20.9 31.3



#59
2-Hexanone
Concen: 3.733 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 43 Resp: 14208
Ion Ratio Lower Upper
43 100
58 43.2 24.4 73.4





#60

Dibromochloromethane

Concen: 0.827 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

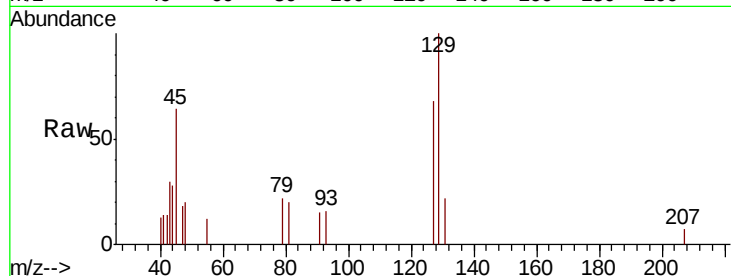
VSTDIC001

Tot Ion:129 Resp: 3653

Ion Ratio Lower Upper

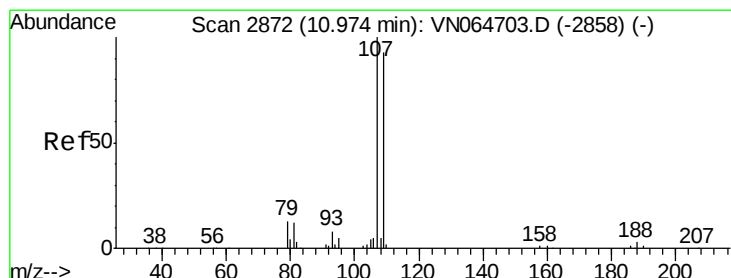
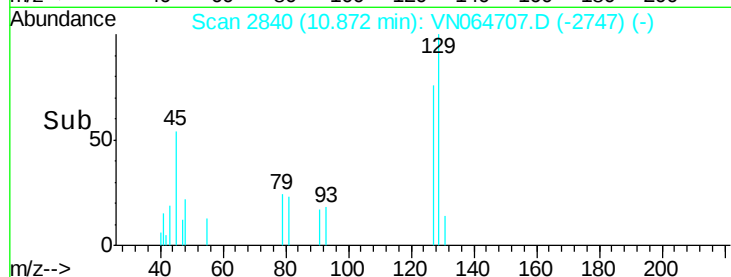
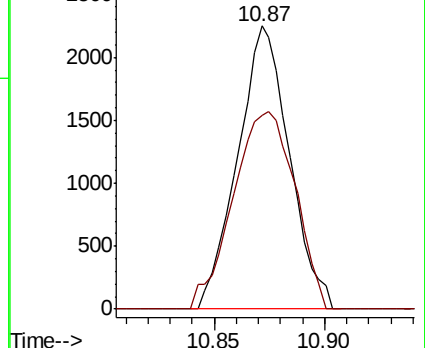
129 100

127 83.3 38.8 116.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.948 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064707.D

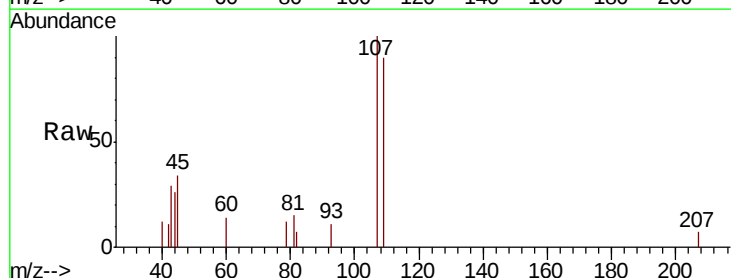
Acq: 18 Nov 2020 14:40

Tgt Ion:107 Resp: 3801

Ion Ratio Lower Upper

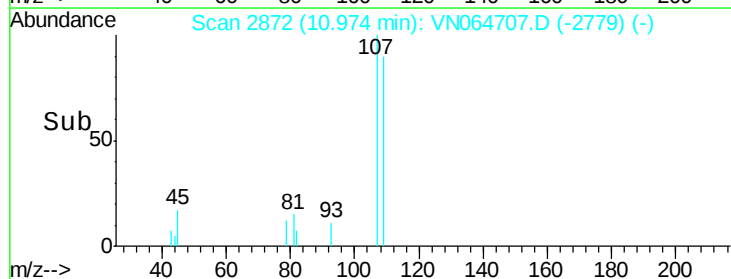
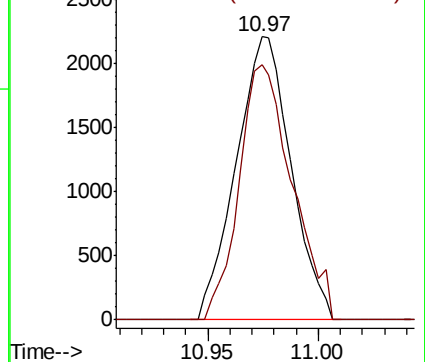
107 100

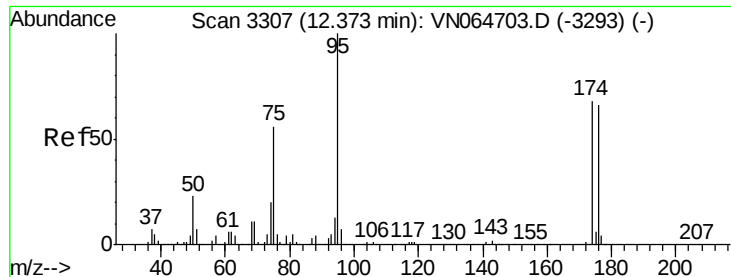
109 87.5 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 1.275 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

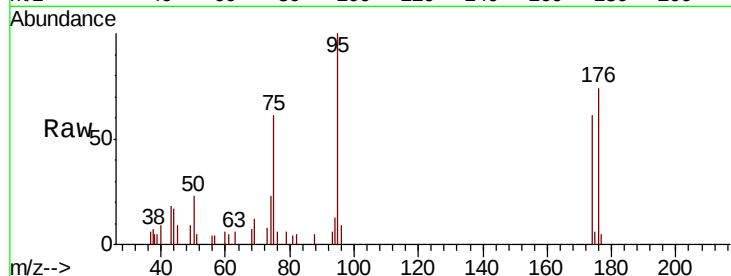
Tot Ion: 95 Resp: 6826

Ion Ratio Lower Upper

95 100

174 68.7 0.0 136.8

176 74.5 0.0 134.2

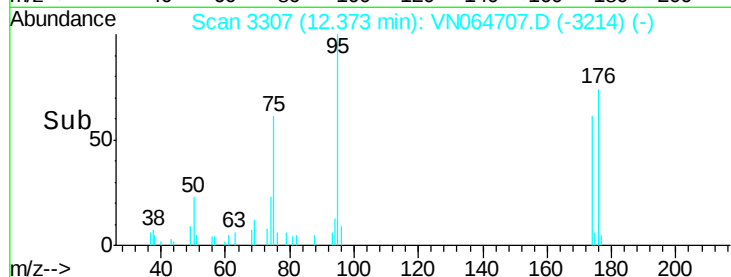


Abundance Ion 94.90 (94.60 to 95.60): VN064703.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064703.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064703.D (-3293) (-)

Time-->

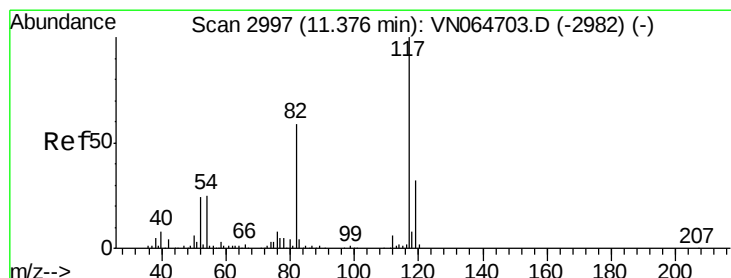


Abundance Ion 94.90 (94.60 to 95.60): VN064707.D (-3214) (-)

Ion 173.80 (173.50 to 174.50): VN064707.D (-3214) (-)

Ion 175.80 (175.50 to 176.50): VN064707.D (-3214) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

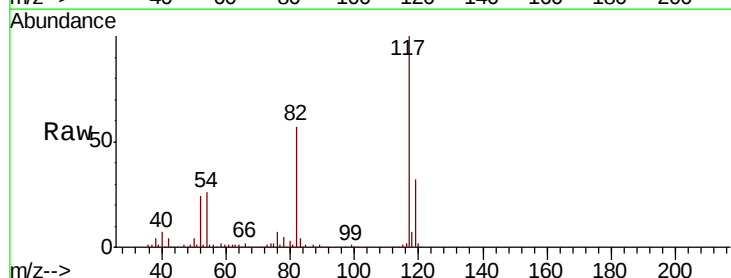
Tgt Ion: 117 Resp: 484979

Ion Ratio Lower Upper

117 100

82 56.7 47.0 70.6

119 32.2 25.4 38.2

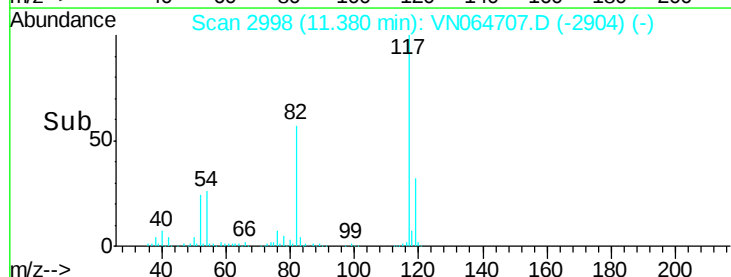


Abundance Ion 116.90 (116.60 to 117.60): VN064703.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN064703.D (-2982) (-)

Ion 118.90 (118.60 to 119.60): VN064703.D (-2982) (-)

Time-->

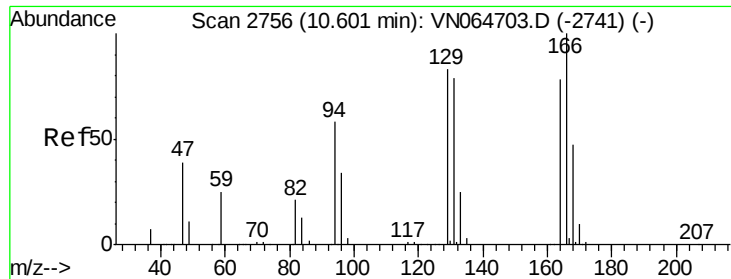


Abundance Ion 116.90 (116.60 to 117.60): VN064707.D (-2904) (-)

Ion 82.00 (81.70 to 82.70): VN064707.D (-2904) (-)

Ion 118.90 (118.60 to 119.60): VN064707.D (-2904) (-)

Time-->



#64

Tetrachloroethene

Concen: 1.058 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 4016

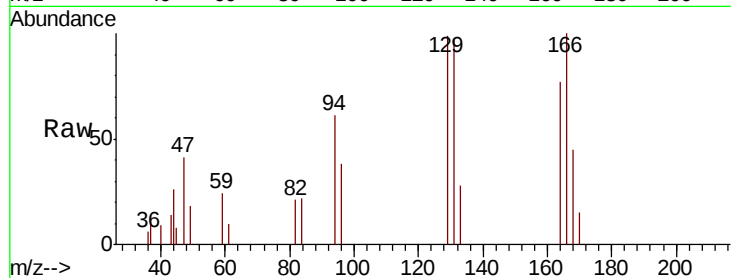
Ion Ratio Lower Upper

164 100

166 129.1 102.2 153.4

129 127.7 84.7 127.1#

131 125.3 81.1 121.7#

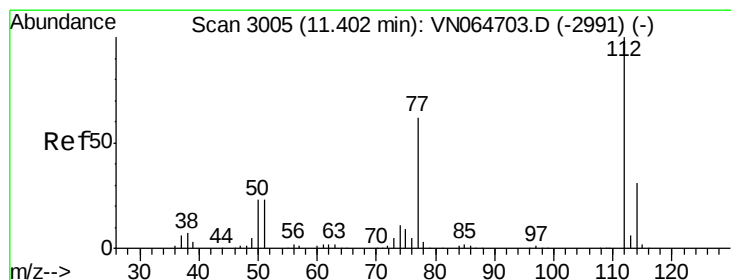
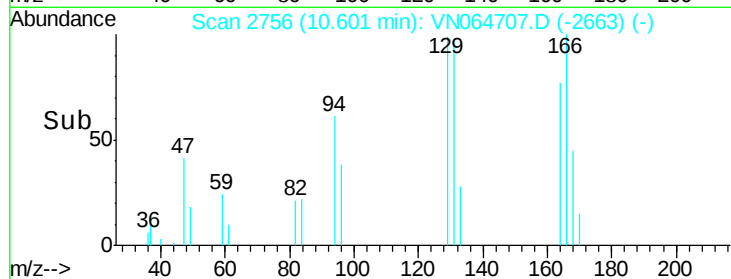
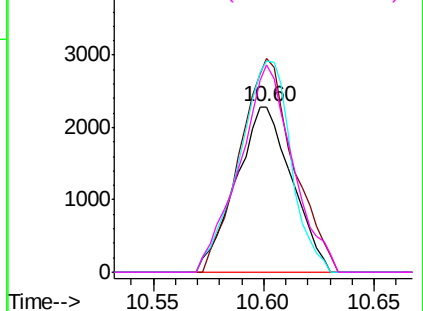


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.986 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064707.D

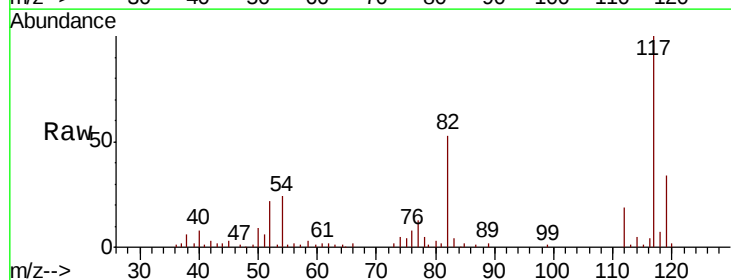
Acq: 18 Nov 2020 14:40

Tgt Ion:112 Resp: 10352

Ion Ratio Lower Upper

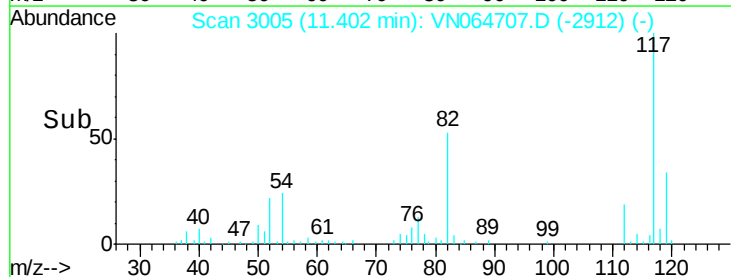
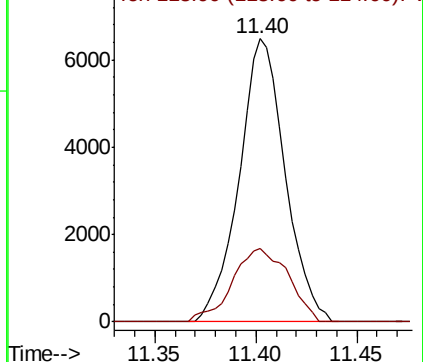
112 100

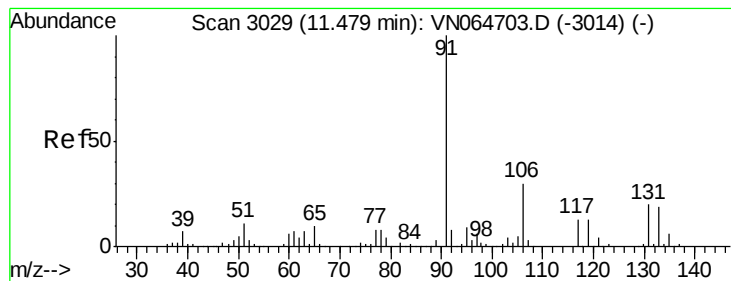
114 26.0 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.854 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

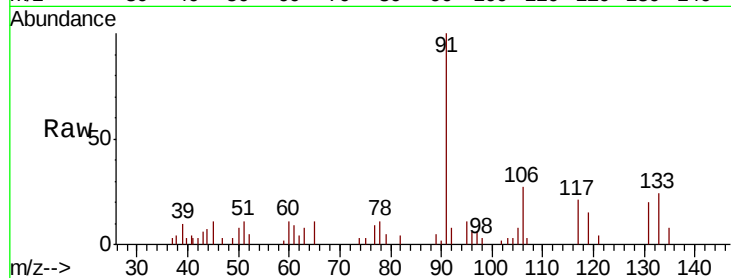
Tot Ion:131 Resp: 3334

Ion Ratio Lower Upper

131 100

133 115.1 48.8 146.4

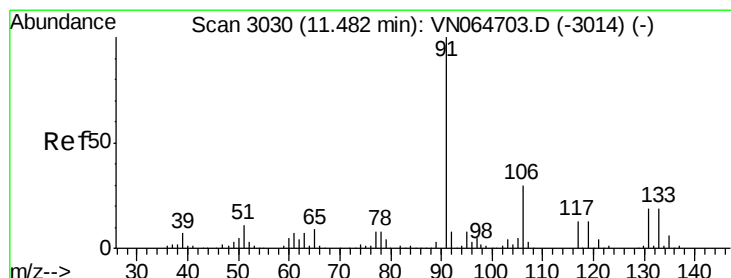
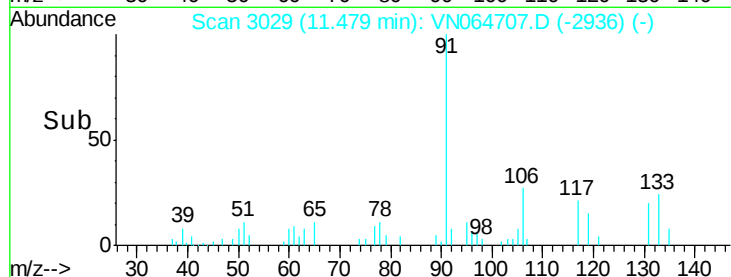
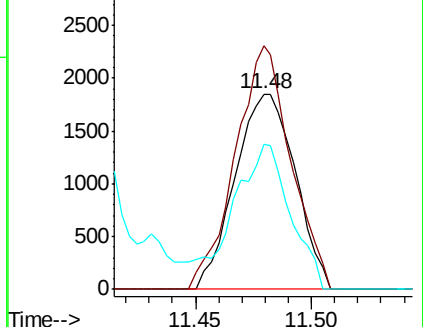
119 0.0 33.5 100.4#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.892 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064707.D

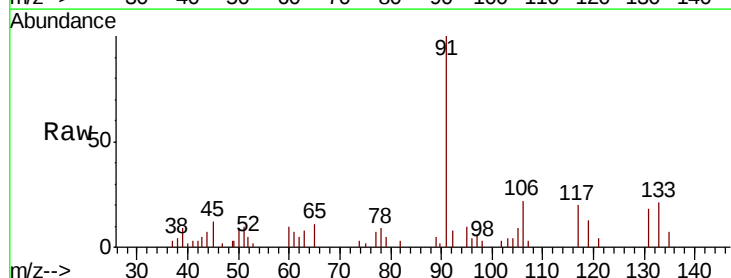
Acq: 18 Nov 2020 14:40

Tgt Ion: 91 Resp: 16543

Ion Ratio Lower Upper

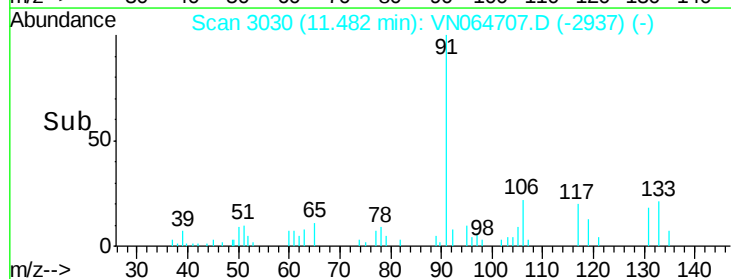
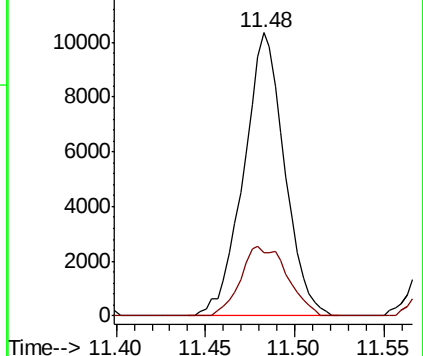
91 100

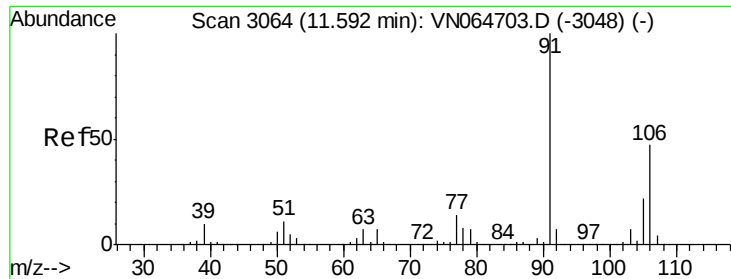
106 22.4 23.9 35.9#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

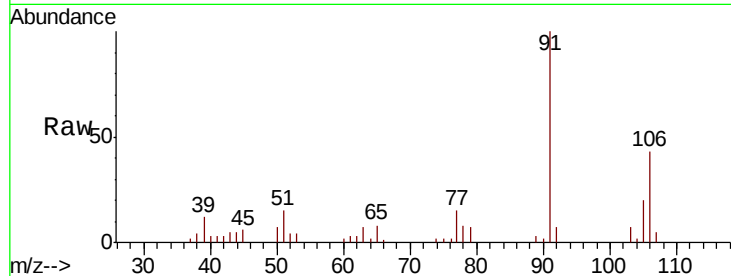




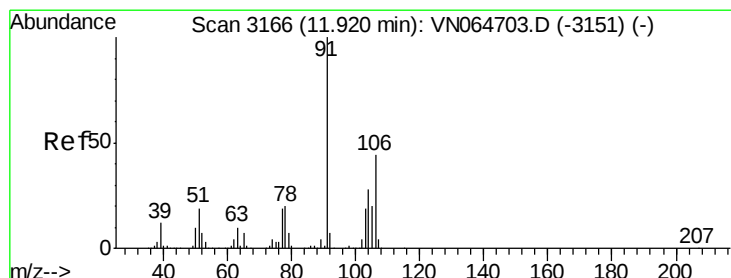
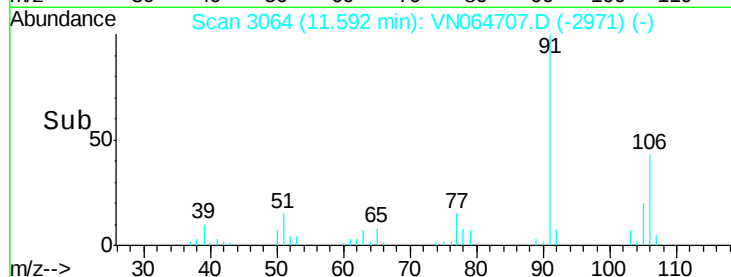
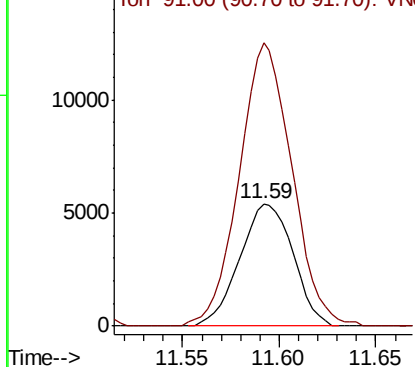
#68
m/p-Xylenes
Concen: 1.537 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 10372
Ion Ratio Lower Upper
106 100
91 228.7 171.9 257.9

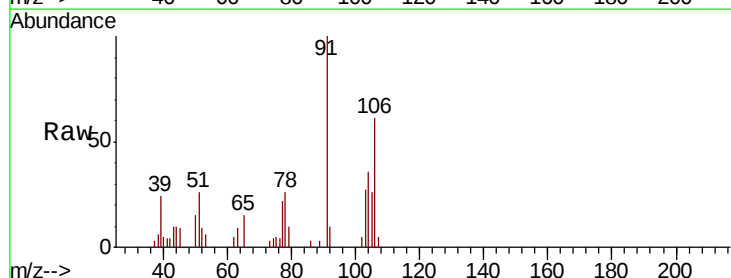


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VNO

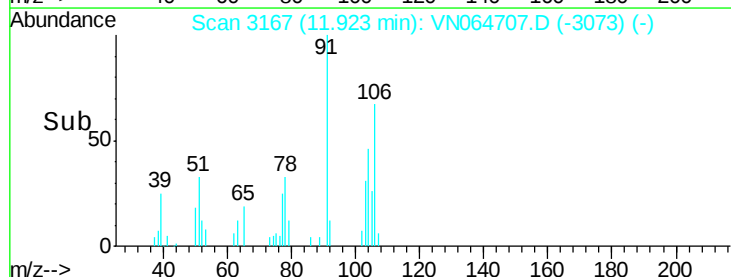
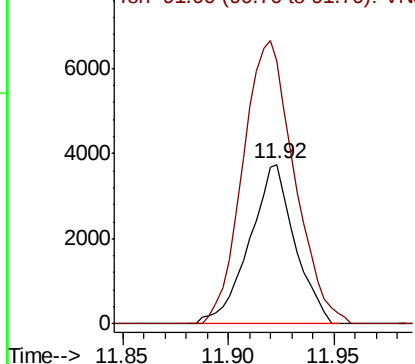


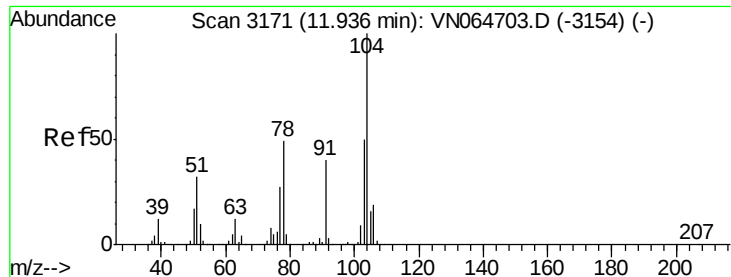
#69
o-Xylene
Concen: 0.862 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion:106 Resp: 5610
Ion Ratio Lower Upper
106 100
91 200.8 112.1 336.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VNO





#70

Stvrene

Concen: 0.790 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

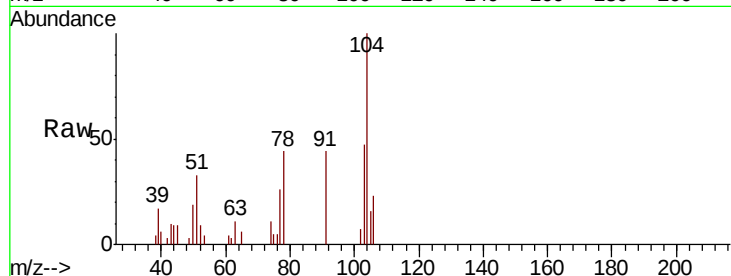
Tot Ion:104 Resp: 8676

Ion Ratio Lower Upper

104 100

78 55.4 44.1 66.1

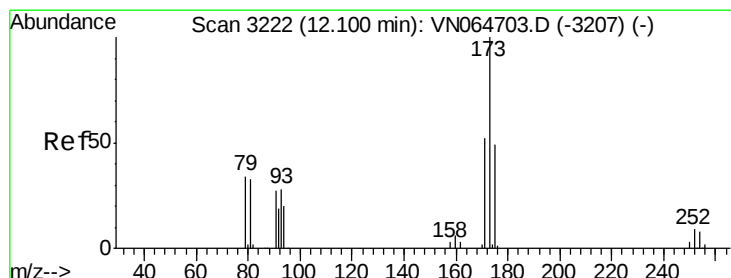
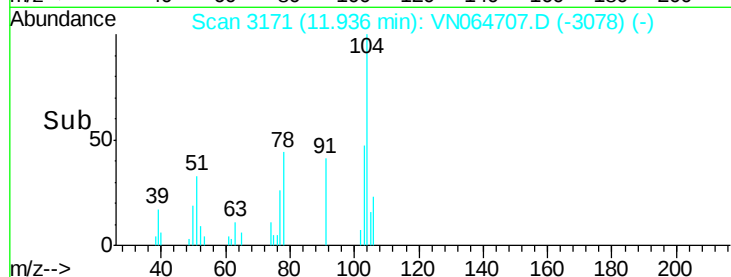
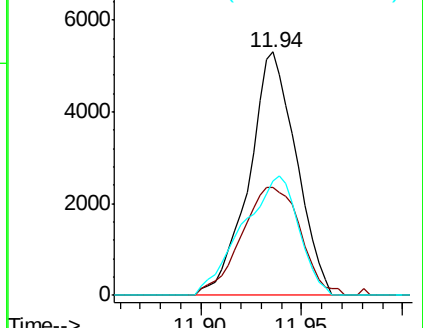
103 58.2 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.833 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

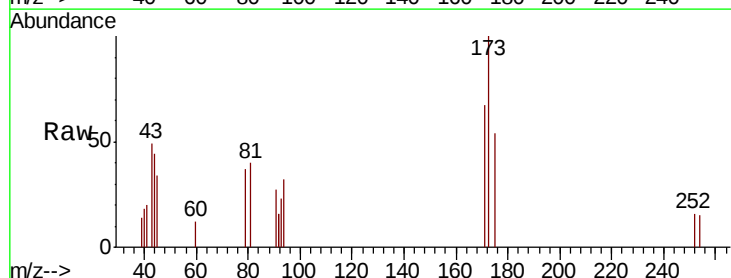
Tgt Ion:173 Resp: 2190

Ion Ratio Lower Upper

173 100

175 50.7 24.3 72.9

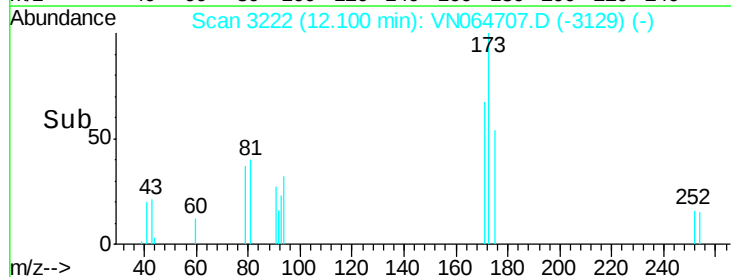
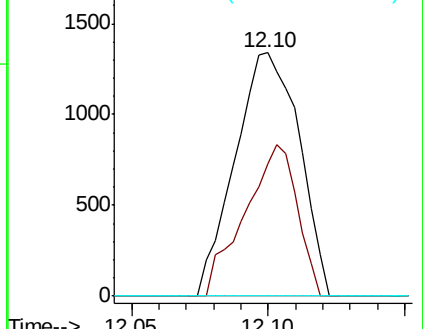
254 0.0 0.1 0.1#

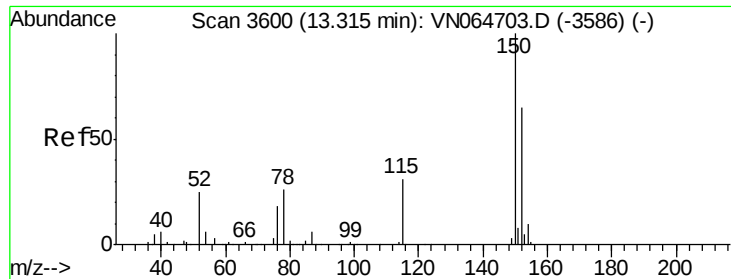


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V

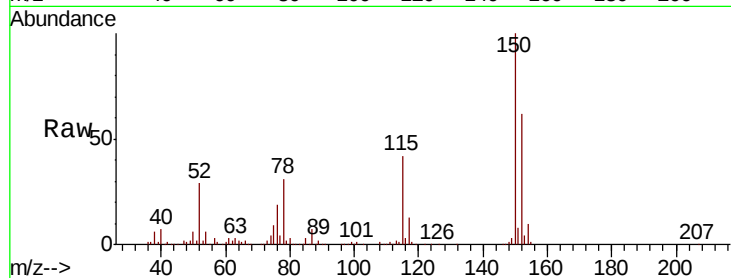




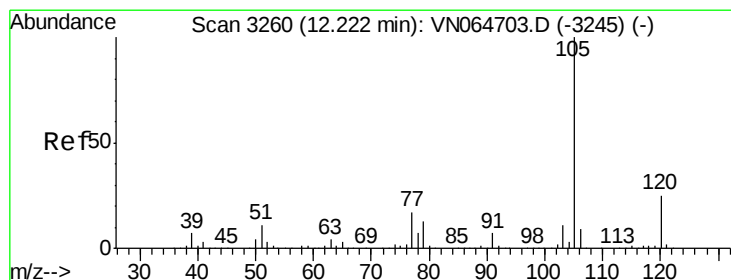
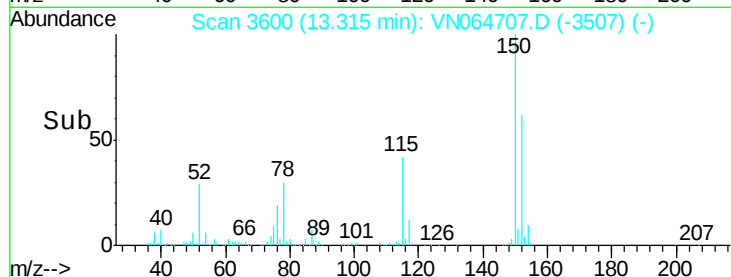
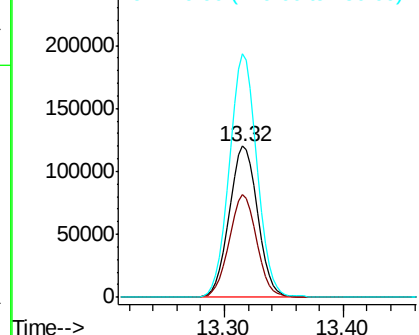
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:152 Resp: 199448
 Ion Ratio Lower Upper
 152 100
 115 65.4 32.1 96.3
 150 155.2 0.0 344.8

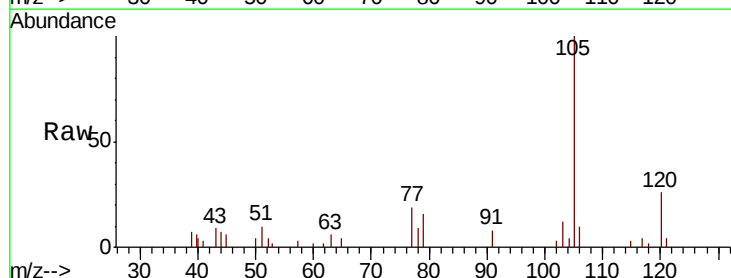


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

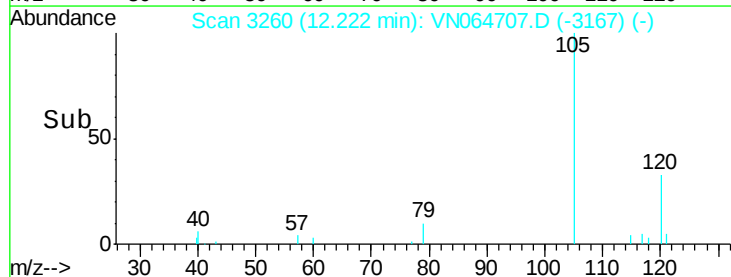
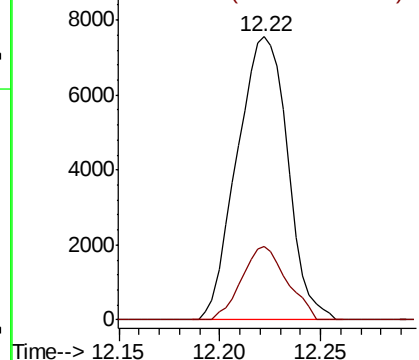


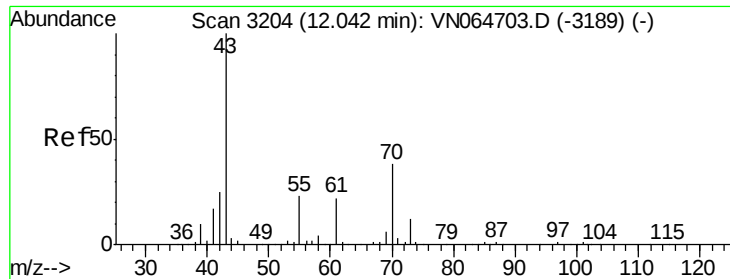
#73
 Isopropylbenzene
 Concen: 0.858 ug/l
 RT: 12.22 min Scan# 3260
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion:105 Resp: 13244
 Ion Ratio Lower Upper
 105 100
 120 23.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.873 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5884

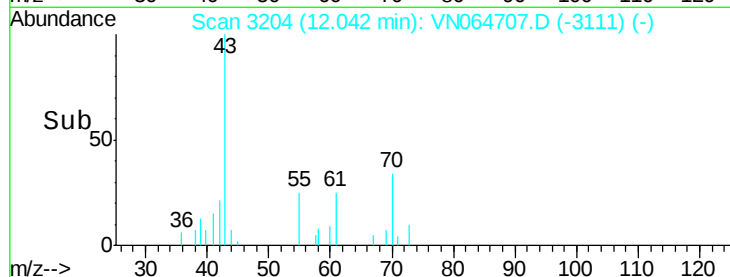
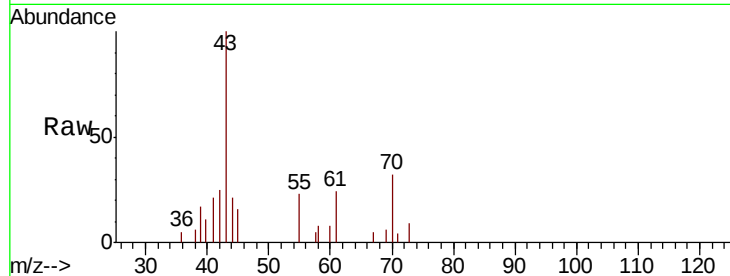
Ion Ratio Lower Upper

43 100

70 37.0 30.3 45.5

55 25.3 18.9 28.3

61 22.3 17.7 26.5



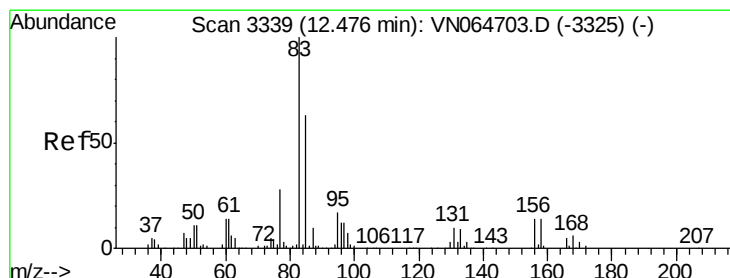
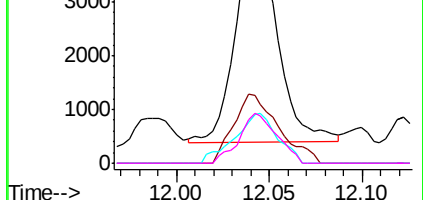
Abundance Ion 43.00 (42.70 to 43.70): VN064707.D (-3111) (-)

Ion 70.00 (69.70 to 70.70): VN064707.D (-3111) (-)

Ion 55.00 (54.70 to 55.70): VN064707.D (-3111) (-)

Ion 61.00 (60.70 to 61.70): VN064707.D (-3111) (-)

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 0.906 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

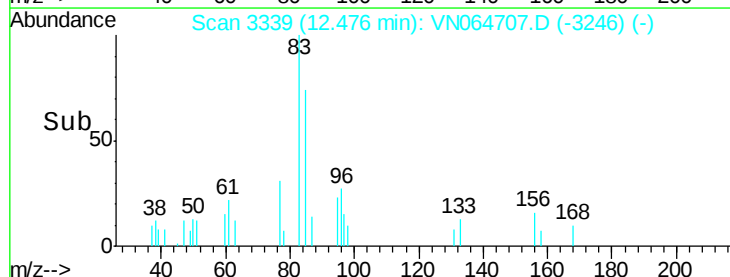
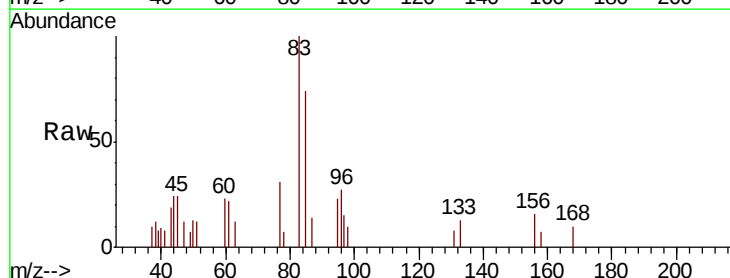
Tgt Ion: 83 Resp: 4258

Ion Ratio Lower Upper

83 100

131 5.0 5.0 15.0

85 63.9 31.8 95.4

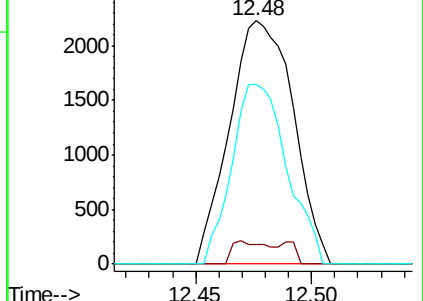


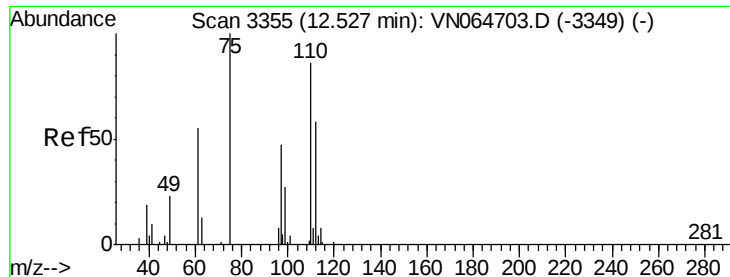
Abundance Ion 82.90 (82.60 to 83.60): VN064707.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064707.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064707.D (-3246) (-)

Time-->





#76

1,2,3-Trichloropropane

Concen: 1.375 ug/l

RT: 12.52 min Scan# 3352

Delta R.T. -0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

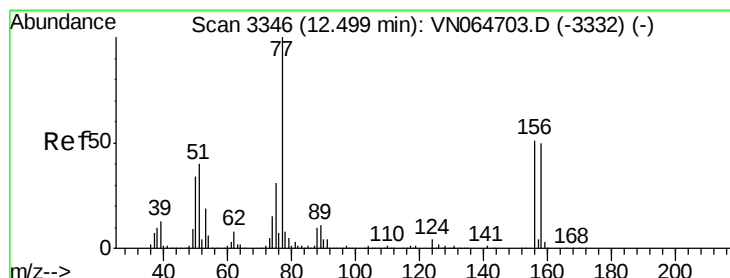
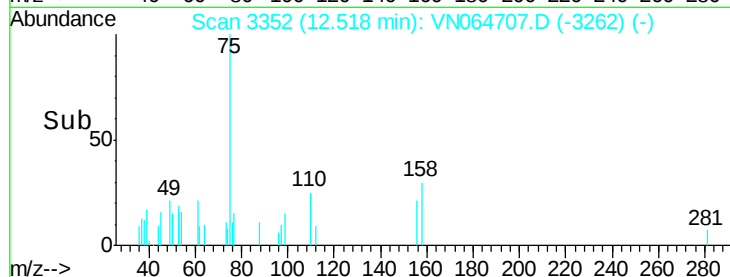
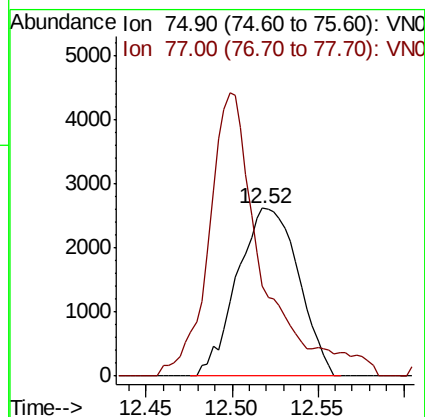
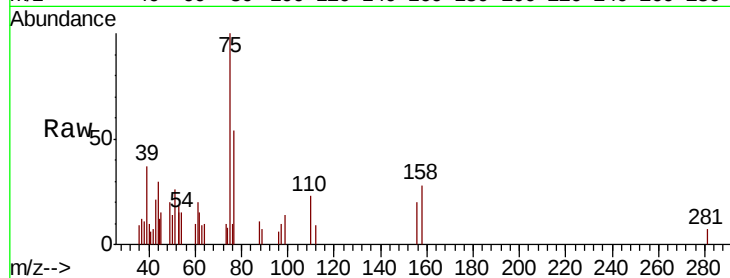
VSTDIC001

Tot Ion: 75 Resp: 6478

Ion Ratio Lower Upper

75 100

77 136.0 0.0 0.0#



#77

Bromobenzene

Concen: 0.990 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

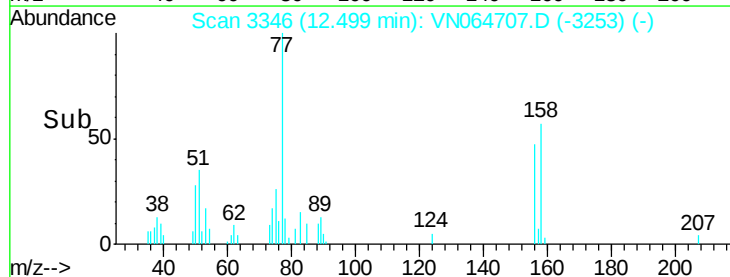
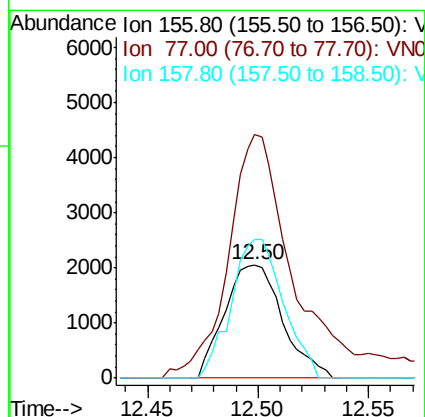
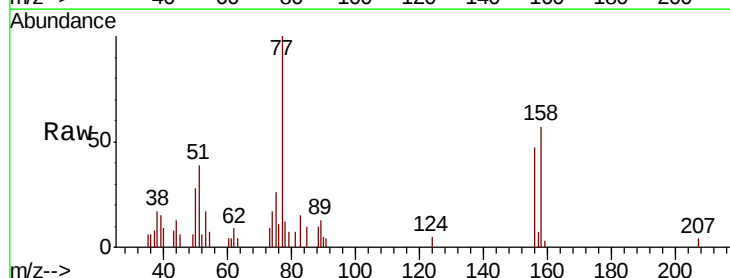
Tgt Ion: 156 Resp: 3759

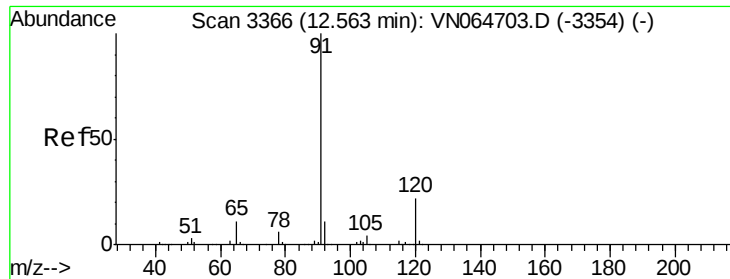
Ion Ratio Lower Upper

156 100

77 234.4 117.3 351.9

158 109.9 49.0 147.2





#78

n-propylbenzene

Concen: 0.820 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

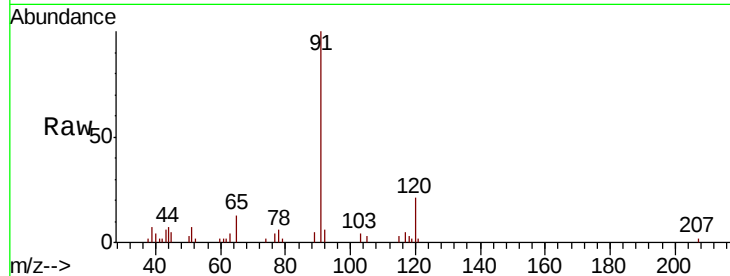
VSTDIC001

Tot Ion: 91 Resp: 14460

Ion Ratio Lower Upper

91 100

120 20.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN064707.D (-3367) (-)

Ion 120.00 (119.70 to 120.70): VN064707.D (-3367) (-)

12.57

8000

6000

4000

2000

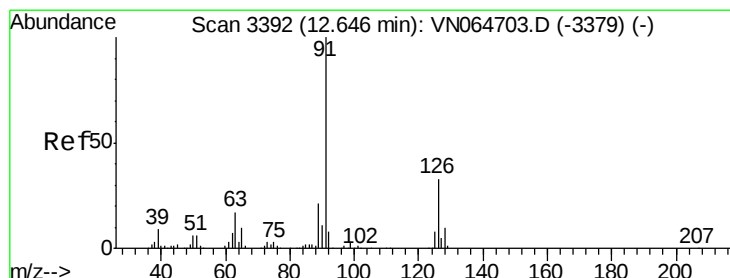
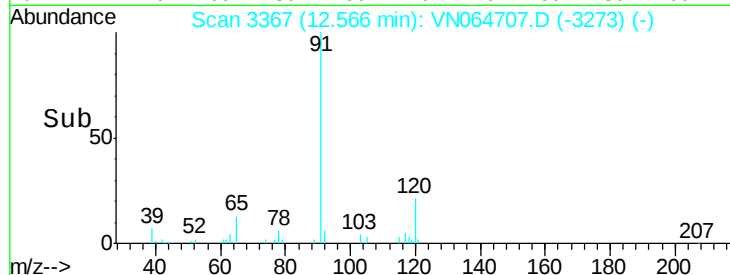
0

Time-->

12.50

12.55

12.60



#79

2-Chlorotoluene

Concen: 0.956 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064707.D

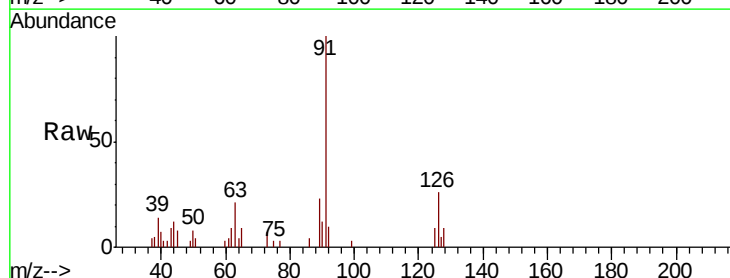
Acq: 18 Nov 2020 14:40

Tgt Ion: 91 Resp: 10745

Ion Ratio Lower Upper

91 100

126 25.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064707.D (-3392) (-)

Ion 125.90 (125.60 to 126.60): VN064707.D (-3392) (-)

12.65

8000

6000

4000

2000

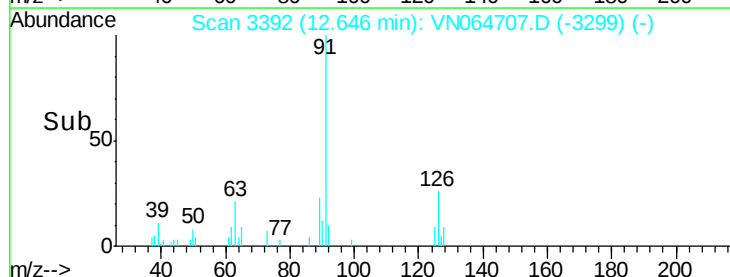
0

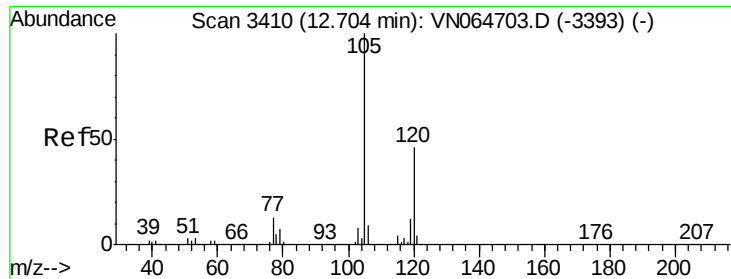
Time-->

12.60

12.65

12.70

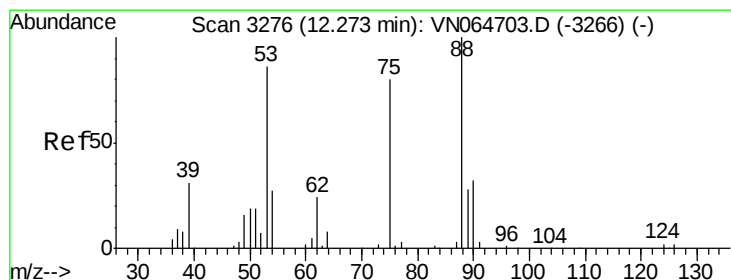
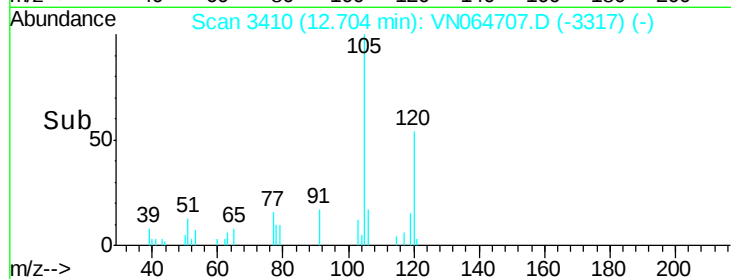
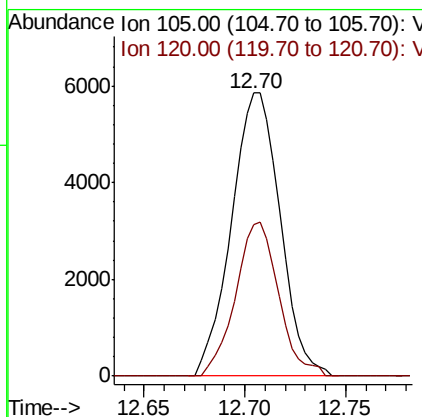
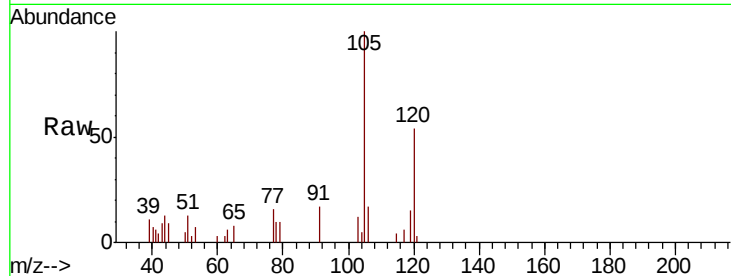




#80
 1,3,5-Trimethylbenzene
 Concen: 0.773 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

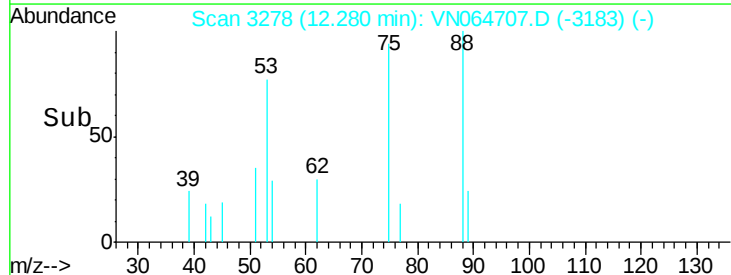
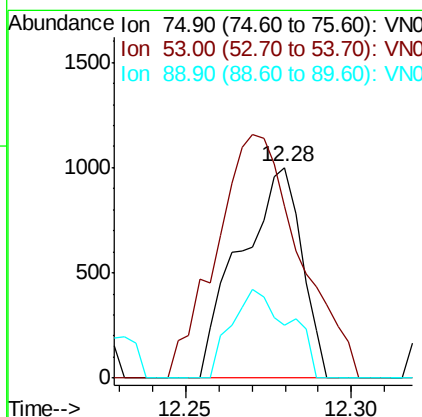
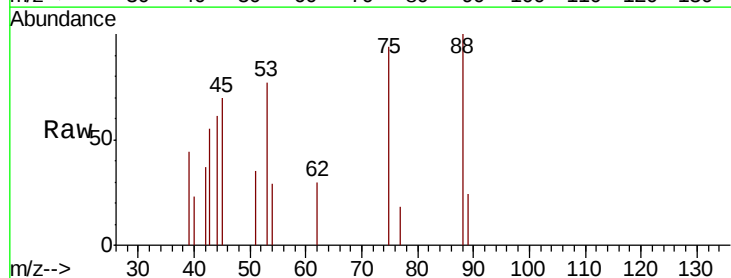
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

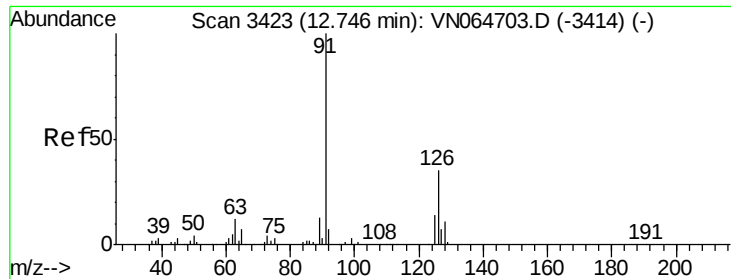
Tot Ion:105 Resp: 9889
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.9 68.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.768 ug/l
 RT: 12.28 min Scan# 3278
 Delta R.T. 0.01 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion: 75 Resp: 1288
 Ion Ratio Lower Upper
 75 100
 53 156.3 88.8 133.2#
 89 39.8 43.1 64.7#

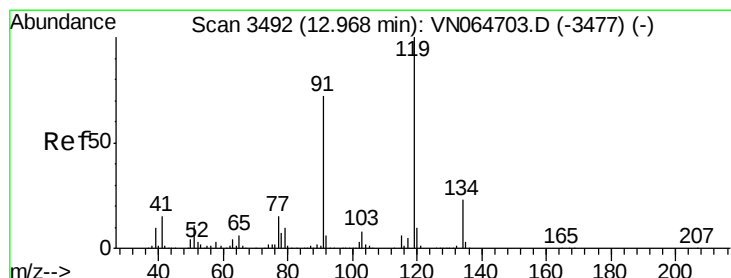
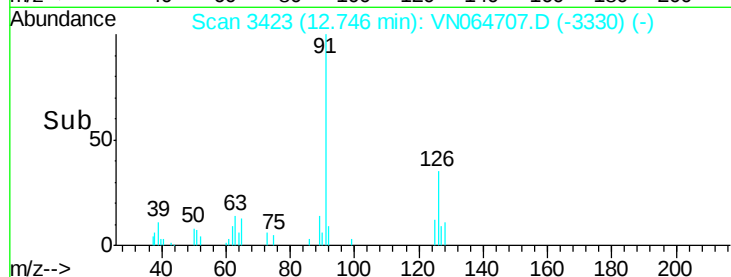
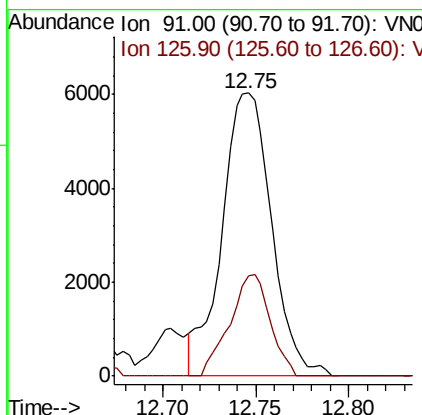
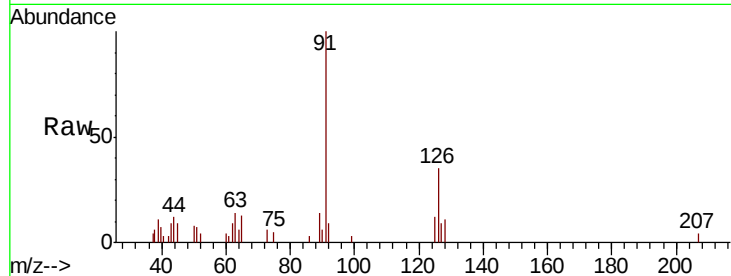




#82
4-Chlorotoluene
Concen: 0.950 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

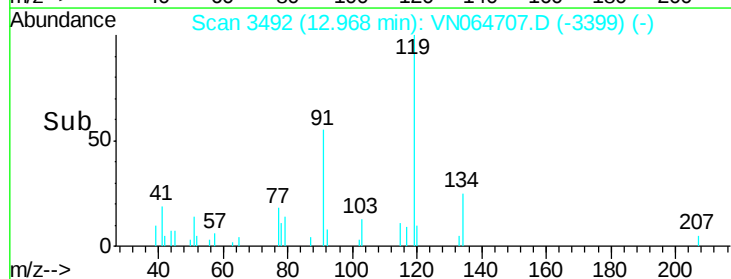
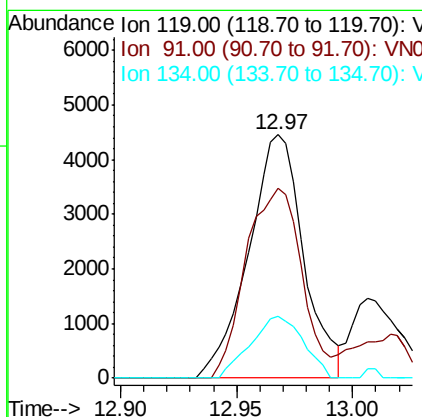
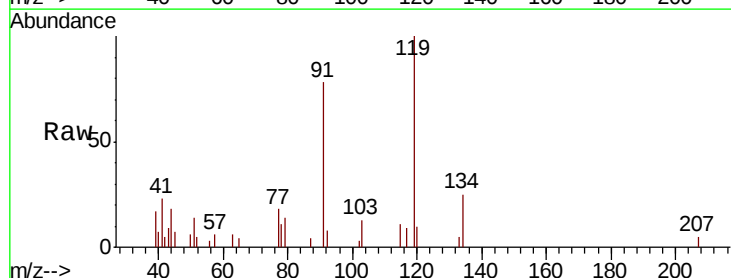
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

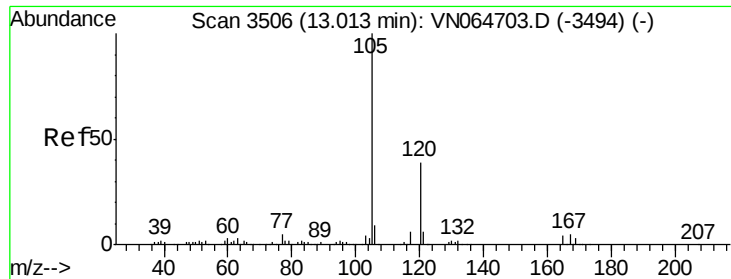
Tot Ion: 91 Resp: 11173
Ion Ratio Lower Upper
91 100
126 29.2 15.9 47.7



#83
tert-Butylbenzene
Concen: 0.734 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion: 119 Resp: 7348
Ion Ratio Lower Upper
119 100
91 78.8 35.8 107.4
134 24.3 12.0 36.1

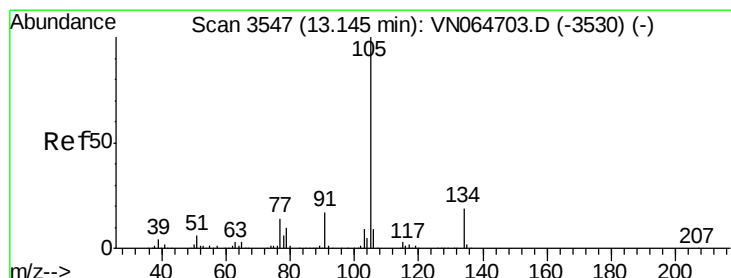
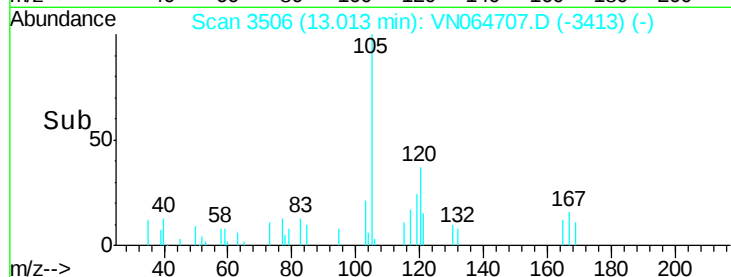
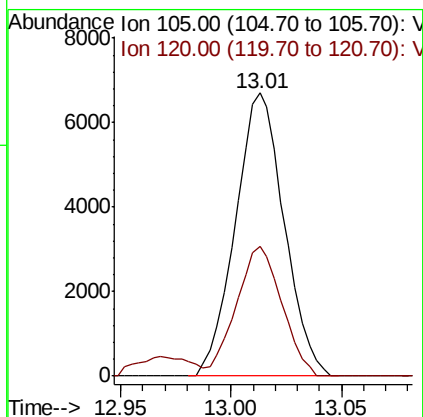
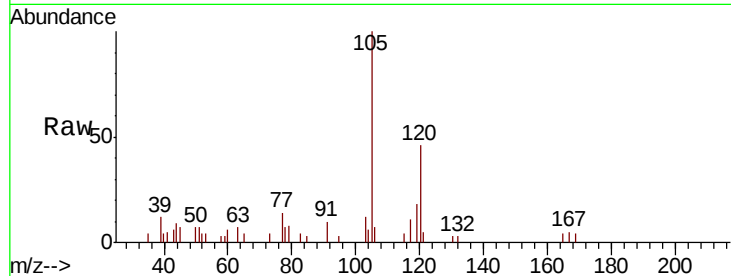




#84
 1,2,4-Trimethylbenzene
 Concen: 0.802 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

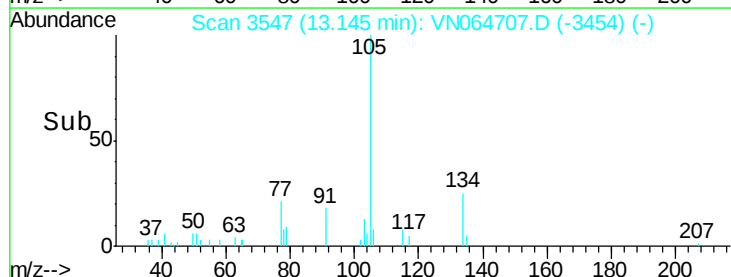
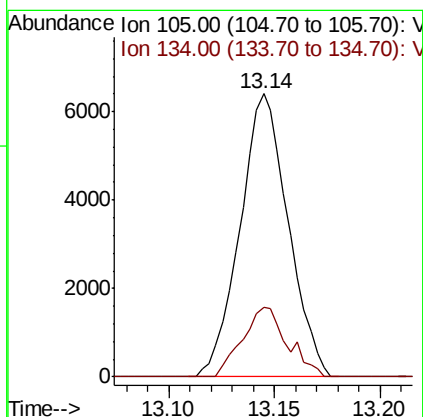
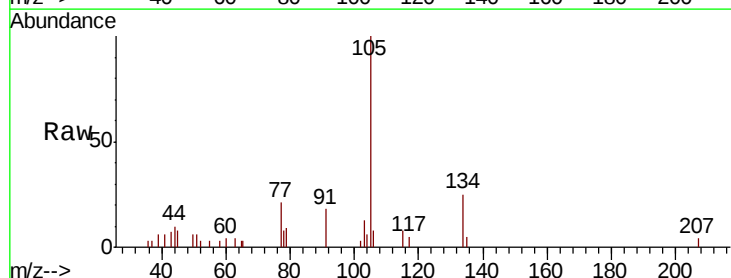
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

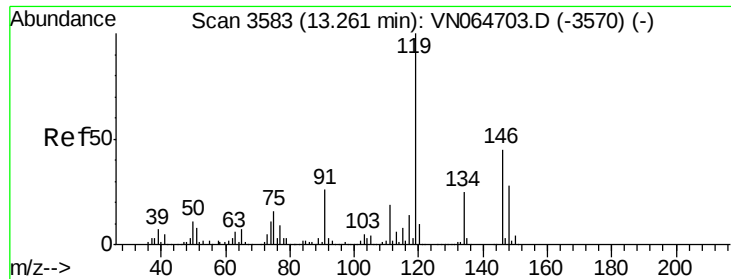
Tot Ion:105 Resp: 10291
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 0.800 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Tgt Ion:105 Resp: 10146
 Ion Ratio Lower Upper
 105 100
 134 23.0 9.5 28.5

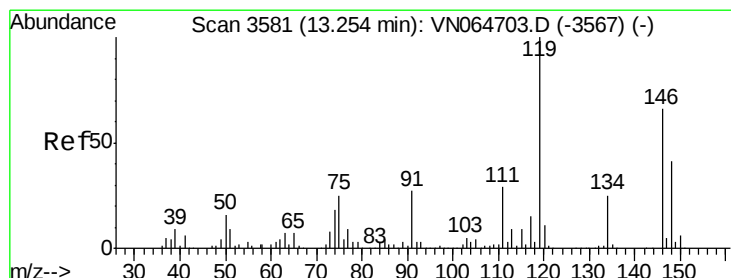
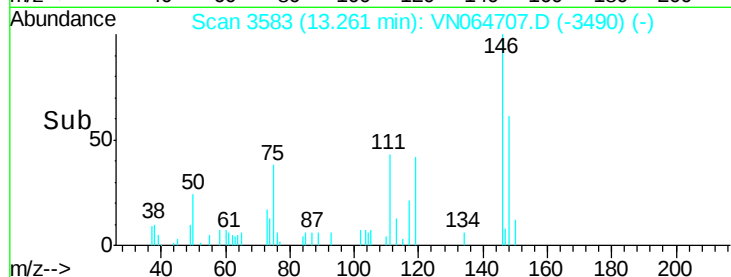
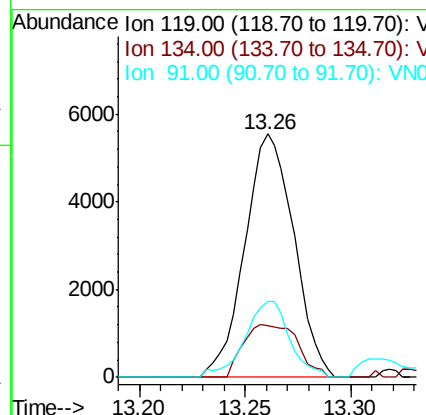
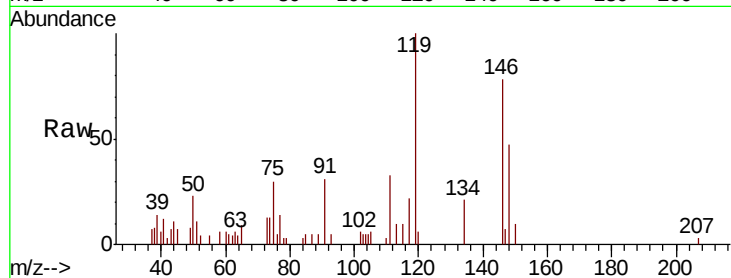




#86
p-Isopropyltoluene
Concen: 0.783 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

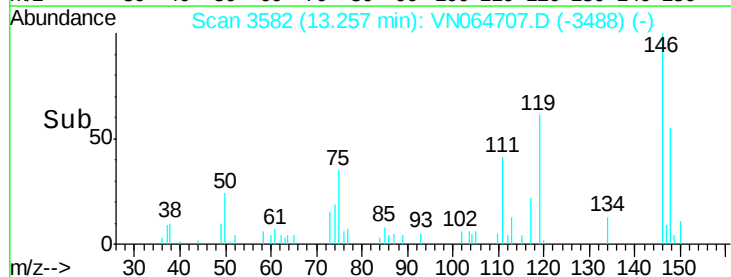
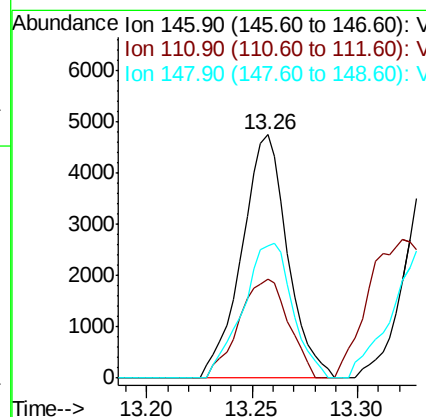
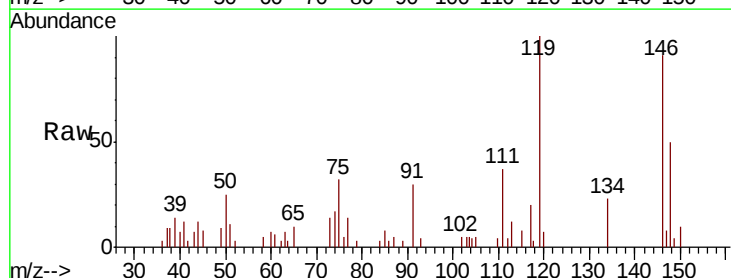
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

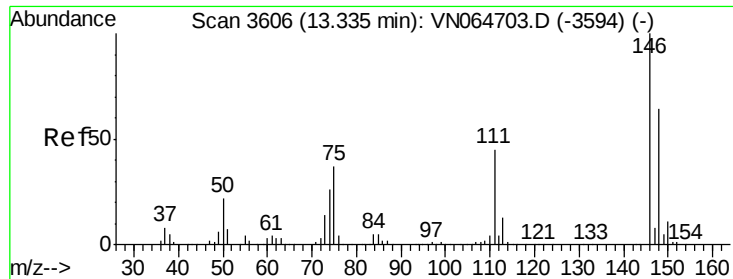
Tot Ion:119 Resp: 8957
Ion Ratio Lower Upper
119 100
134 24.0 12.7 38.0
91 28.7 13.3 39.8



#87
1,3-Dichlorobenzene
Concen: 1.086 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion:146 Resp: 7150
Ion Ratio Lower Upper
146 100
111 44.0 21.8 65.4
148 59.9 31.5 94.5





#88

1,4-Dichlorobenzene

Concen: 1.051 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.08 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

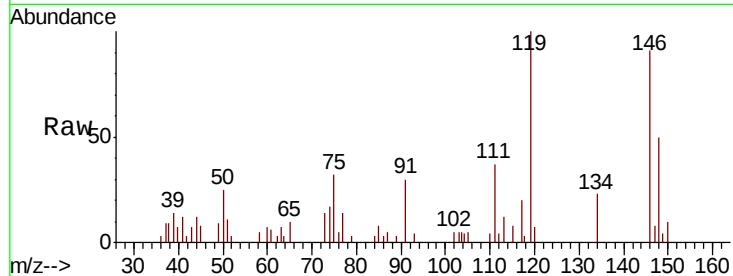
Tot Ion:146 Resp: 7150

Ion Ratio Lower Upper

146 100

111 44.0 22.3 66.8

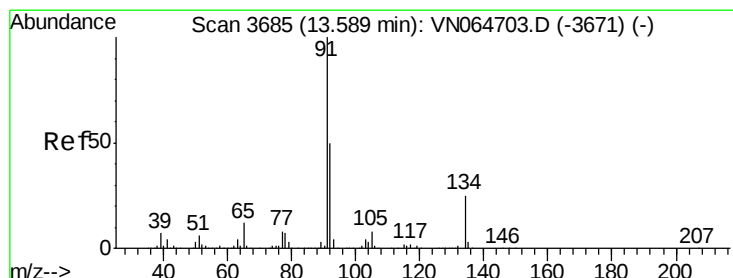
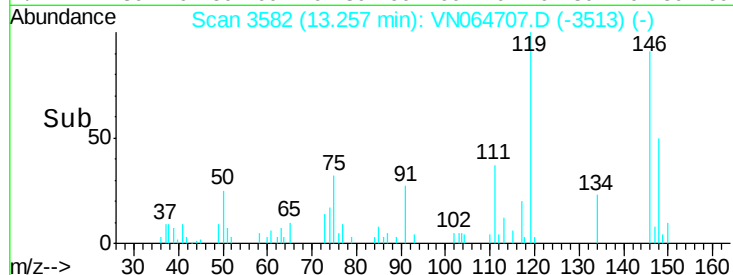
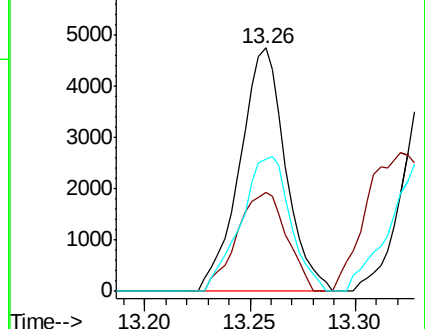
148 59.9 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 1.008 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

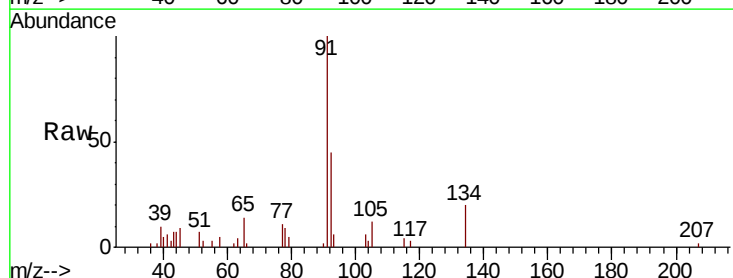
Tgt Ion: 91 Resp: 9985

Ion Ratio Lower Upper

91 100

92 46.8 24.9 74.8

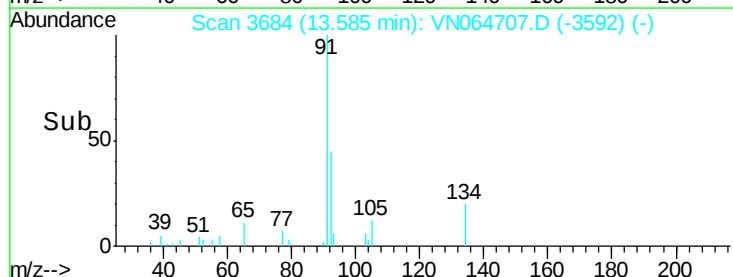
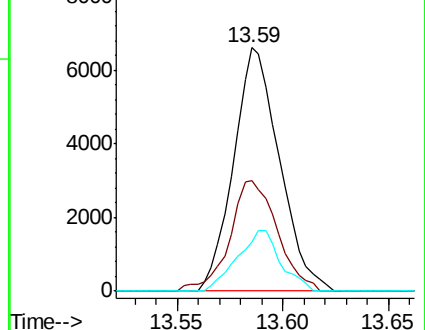
134 23.4 12.0 36.0

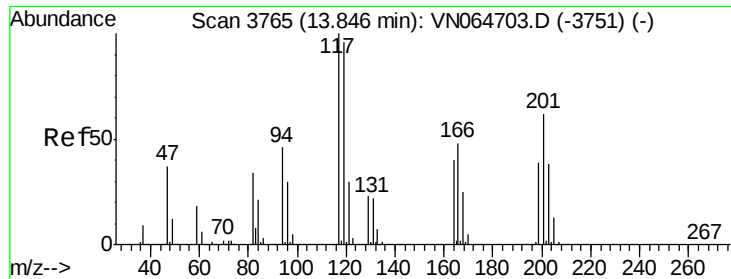


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.688 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampleId :

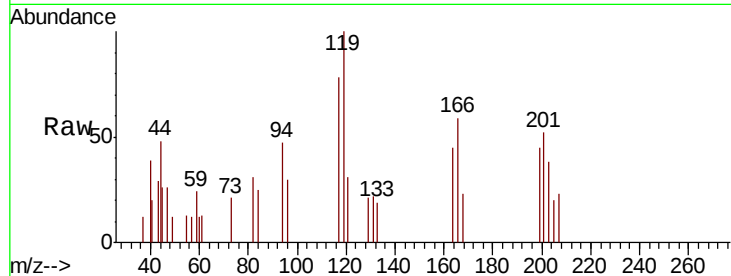
VSTDIC001

Tot Ion:117 Resp: 1486

Ion Ratio Lower Upper

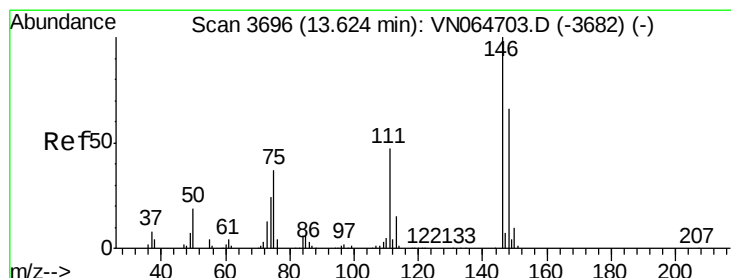
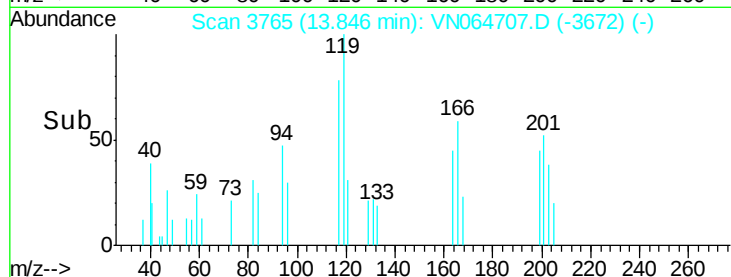
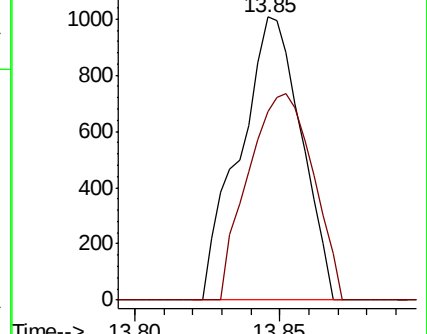
117 100

201 76.5 31.9 95.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 1.068 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

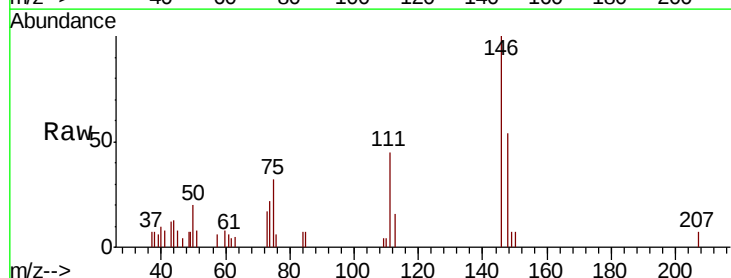
Tgt Ion:146 Resp: 6742

Ion Ratio Lower Upper

146 100

111 49.6 23.1 69.3

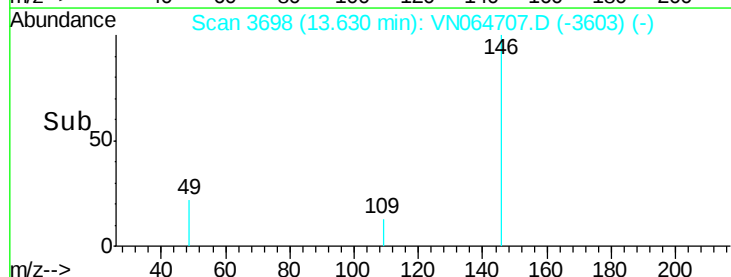
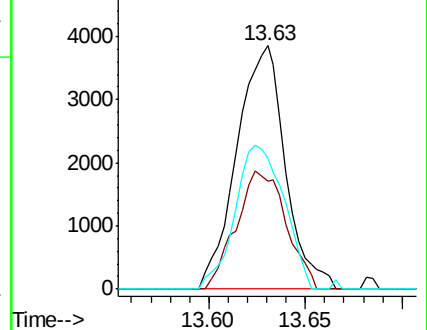
148 59.3 32.2 96.6

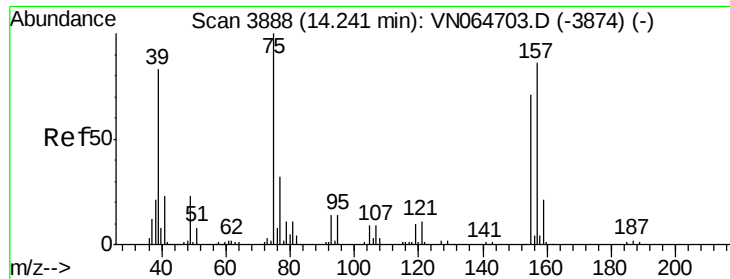


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.193 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

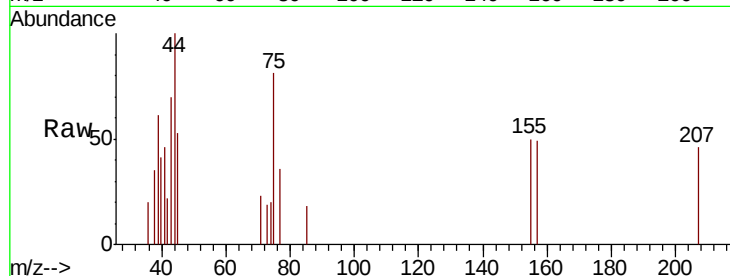
Tot Ion: 75 Resp: 1145

Ion Ratio Lower Upper

75 100

155 60.9 33.6 100.6

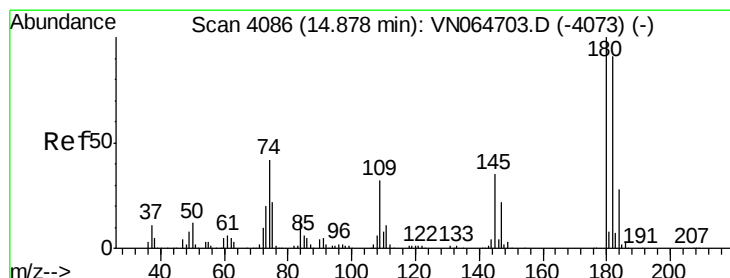
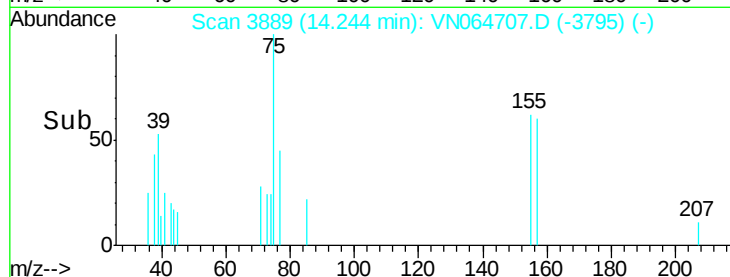
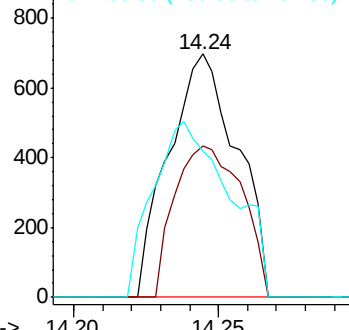
157 81.3 42.4 127.2



Abundance Ion 74.90 (74.60 to 75.60): VN064707.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN064707.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN064707.D (-3874) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.686 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN064707.D

Acq: 18 Nov 2020 14:40

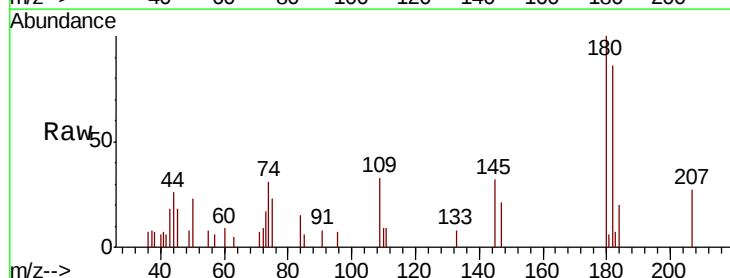
Tgt Ion: 180 Resp: 4461

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.8

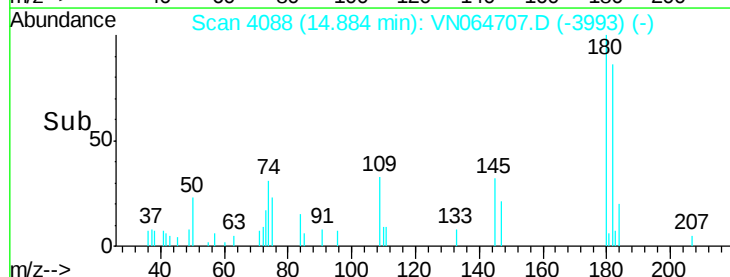
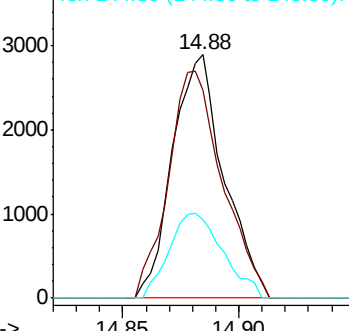
145 36.2 17.5 52.5

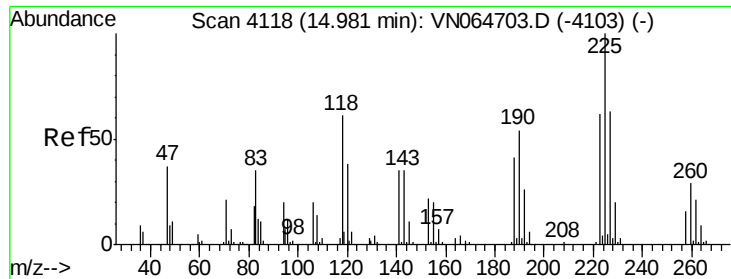


Abundance Ion 179.80 (179.50 to 180.50): VN064707.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN064707.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN064707.D (-4073) (-)

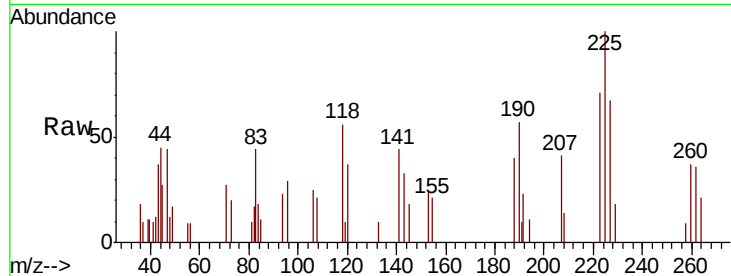




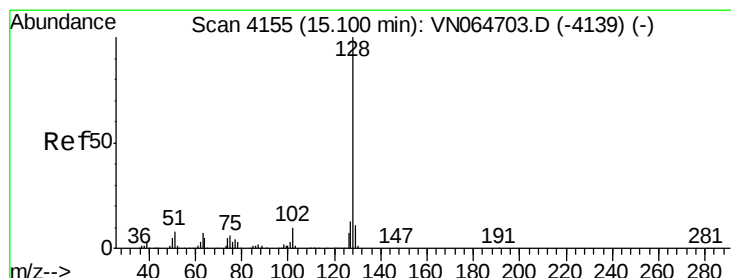
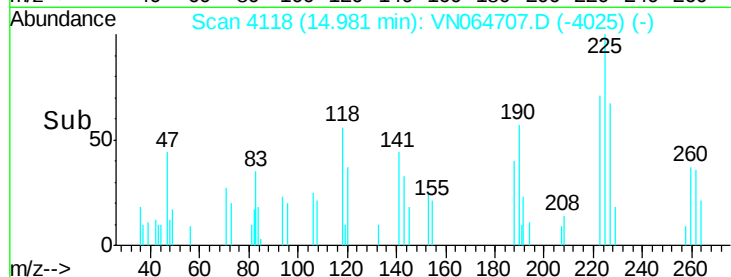
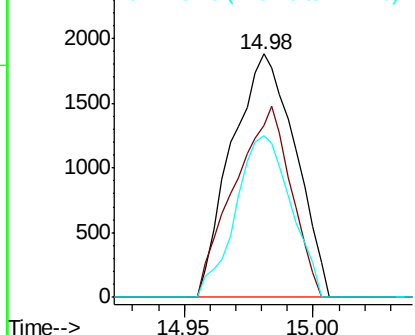
#94
Hexachlorobutadiene
Concen: 2.477 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:225 Resp: 3235
Ion Ratio Lower Upper
225 100
223 69.9 31.2 93.6
227 57.7 32.1 96.3

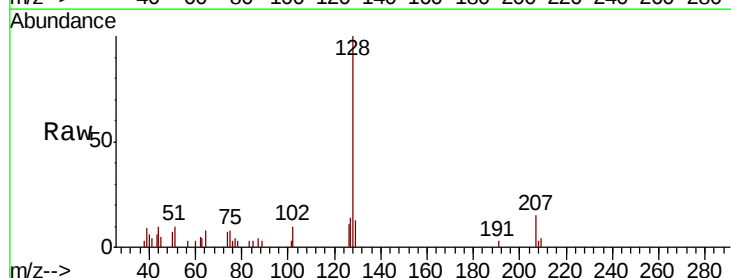


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

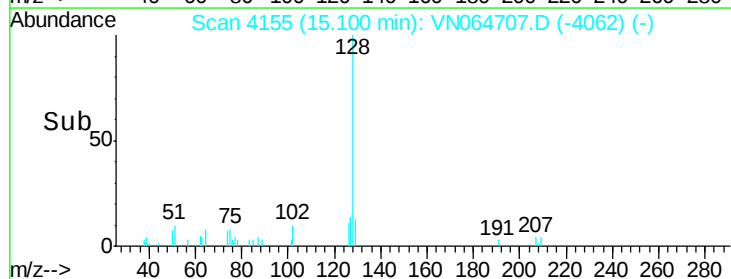
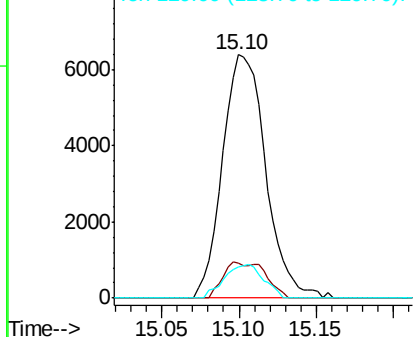


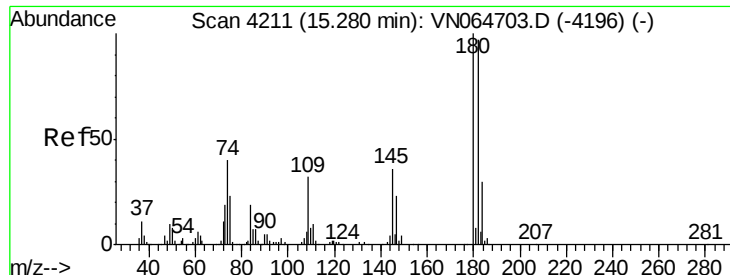
#95
Naphthalene
Concen: 1.422 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064707.D
Acq: 18 Nov 2020 14:40

Tgt Ion:128 Resp: 12404
Ion Ratio Lower Upper
128 100
127 14.5 10.8 16.2
129 12.4 8.9 13.3



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

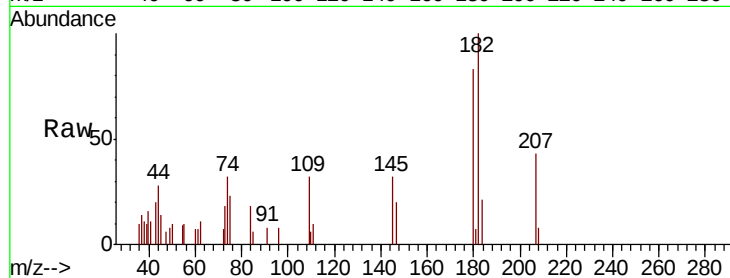




#96
 1,2,3-Trichlorobenzene
 Concen: 1.616 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN064707.D
 Acq: 18 Nov 2020 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:180 Resp: 4267
 Ion Ratio Lower Upper
 180 100
 182 106.3 47.5 142.5
 145 37.6 18.1 54.1



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

