

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064705.D
 Acq On : 18 Nov 2020 13:49
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Nov 18 14:14:27 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	7.62	168	298881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	518622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	488294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	262395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	818325	157.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.00%	
35) Dibromofluoromethane	7.55	113	442042	129.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	258.18%	
50) Toluene-d8	10.06	98	2214138	162.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	325.30%	
62) 4-Bromofluorobenzene	12.37	95	870610	169.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	542631	142.601	ug/l	99
3) Chloromethane	2.04	50	609363	133.171	ug/l	100
4) Vinyl Chloride	2.17	62	670060	142.184	ug/l	99
5) Bromomethane	2.51	94	479722	156.599	ug/l	98
6) Chloroethane	2.67	64	447062	146.224	ug/l	97
7) Trichlorofluoromethane	2.98	101	1110025	154.998	ug/l	98
8) Diethyl Ether	3.37	74	367281	147.117	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	477804	142.192	ug/l	98
10) Methyl Iodide	3.91	142	649068	165.997	ug/l	99
11) Tert butyl alcohol	4.74	59	395925	717.226	ug/l	98
12) 1,1-Dichloroethene	3.69	96	462944	146.412	ug/l	95
13) Acrolein	3.56	56	77636	249.249	ug/l	95
14) Allyl chloride	4.27	41	884858	145.683	ug/l	98
15) Acrylonitrile	4.93	53	1205101	776.151	ug/l	99
16) Acetone	3.78	43	961828	524.293	ug/l	99
17) Carbon Disulfide	4.01	76	1399574	148.876	ug/l	99
18) Methyl Acetate	4.28	43	594161	154.267	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1766781	156.078	ug/l	99
20) Methylene Chloride	4.50	84	555730	142.608	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	550976	153.958	ug/l	99
22) Diisopropyl ether	5.90	45	1989847	154.539	ug/l	96
23) Vinyl Acetate	5.84	43	7774141	745.377	ug/l	98
24) 1,1-Dichloroethane	5.80	63	1057623	148.049	ug/l	99
25) 2-Butanone	6.79	43	1692340	704.415	ug/l	100
26) 2,2-Dichloropropane	6.78	77	1012749	154.942	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	647586	156.829	ug/l	97
28) Bromochloromethane	7.15	49	561686	155.552	ug/l	99
29) Tetrahydrofuran	7.17	42	1141827	757.899	ug/l	99
30) Chloroform	7.33	83	1157093	153.280	ug/l	99
31) Cyclohexane	7.61	56	862123	141.081	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	1055167	156.884	ug/l	99
36) 1,1-Dichloropropene	7.75	75	859244	159.631	ug/l	100
37) Ethyl Acetate	6.88	43	759285	160.361	ug/l	99
38) Carbon Tetrachloride	7.73	117	926685	159.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	788524	164.158	ug/l	97
40) Benzene	8.00	78	2410437	152.647	ug/l	99
41) Methacrylonitrile	7.12	41	371298	155.069	ug/l	95
42) 1,2-Dichloroethane	8.08	62	996921	155.385	ug/l	99
43) Isopropyl Acetate	8.13	43	1372398	157.847	ug/l	99
44) Trichloroethene	8.80	130	648912	161.019	ug/l	97
45) 1,2-Dichloropropane	9.08	63	636886	151.564	ug/l	99
46) Dibromomethane	9.17	93	448157	159.456	ug/l	98
47) Bromodichloromethane	9.37	83	945883	157.377	ug/l	99
48) Methyl methacrylate	9.17	41	673474	153.868	ug/l	100
49) 1,4-Dioxane	9.17	88	159953	2814.459	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	3919103	777.289	ug/l	97
52) Toluene	10.12	92	1556730	161.419	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	1081609	170.578	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1115347	165.375	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	593084	156.879	ug/l	98
56) Ethyl methacrylate	10.40	69	934346	171.441	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1038454	157.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	2565630	933.997	ug/l	100
59) 2-Hexanone	10.72	43	2903858	796.960	ug/l	97
60) Dibromochloromethane	10.87	129	713674	168.685	ug/l	100
61) 1,2-Dibromoethane	10.98	107	634690	165.283	ug/l	100
64) Tetrachloroethene	10.60	164	659335	172.551	ug/l	98
65) Chlorobenzene	11.41	112	1654026	156.469	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	636325	161.936	ug/l	98
67) Ethyl Benzene	11.48	91	3058718	163.786	ug/l	99
68) m/p-Xylenes	11.59	106	2291305	337.294	ug/l	94
69) o-Xylene	11.92	106	1102250	168.135	ug/l	99
70) Styrene	11.94	104	1940357	175.582	ug/l	99
71) Bromoform	12.10	173	469334	177.289	ug/l	100
73) Isopropylbenzene	12.22	105	2890460	142.305	ug/l	100
74) N-amyl acetate	12.04	43	1387081	156.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	767667	124.112	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1239029	199.885	ug/l #	100
77) Bromobenzene	12.50	156	691338	138.419	ug/l	100
78) n-propylbenzene	12.56	91	3394691	146.295	ug/l	100
79) 2-Chlorotoluene	12.65	91	2091646	141.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2462998	146.374	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	328325	148.736	ug/l	94
82) 4-Chlorotoluene	12.75	91	2271179	146.838	ug/l	100
83) tert-Butylbenzene	12.97	119	1954133	148.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2527218	149.697	ug/l	99
85) sec-Butylbenzene	13.14	105	2559242	153.385	ug/l	100
86) p-Isopropyltoluene	13.26	119	2445643	162.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1299043	150.022	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	1315191	146.896	ug/l	99
89) n-Butylbenzene	13.59	91	2242560	172.151	ug/l	99
90) Hexachloroethane	13.85	117	409954	144.309	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	1269123	152.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	203181	160.964	ug/l	98

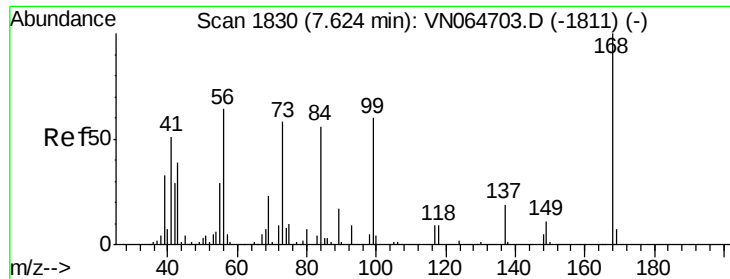
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	688094	197.683	ug/l	99
94) Hexachlorobutadiene	14.98	225	275745	160.504	ug/l	99
95) Naphthalene	15.10	128	2383606	207.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	652486	187.832	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

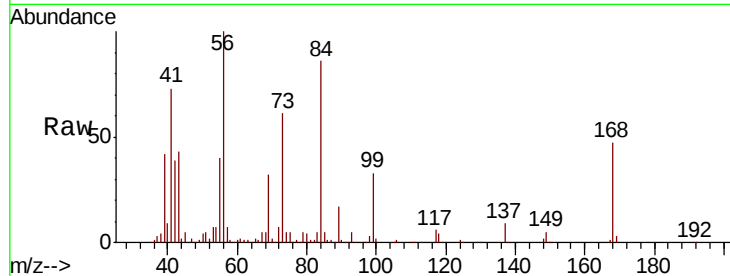
VSTDIC150

Tot Ion:168 Resp: 298881

Ion Ratio Lower Upper

168 100

99 69.1 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

300000

250000

200000

150000

100000

50000

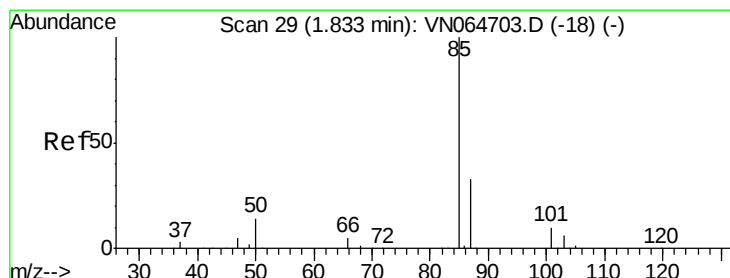
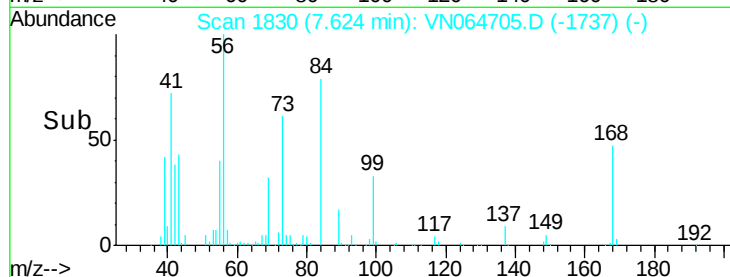
0

7.50

7.62

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 142.601 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064705.D

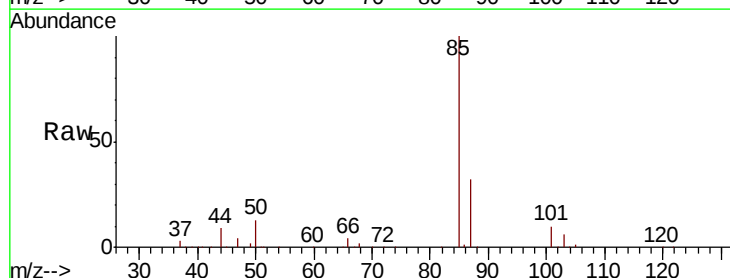
Acq: 18 Nov 2020 13:49

Tgt Ion: 85 Resp: 542631

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

200000

100000

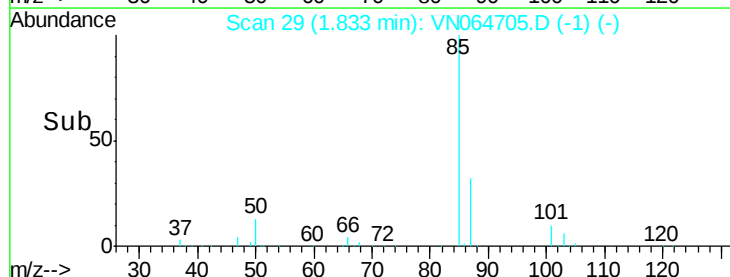
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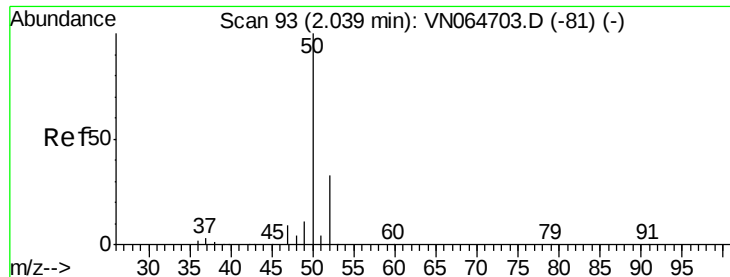
1.75

1.83

1.90

Time-->





#3

Chloromethane

Concen: 133.171 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

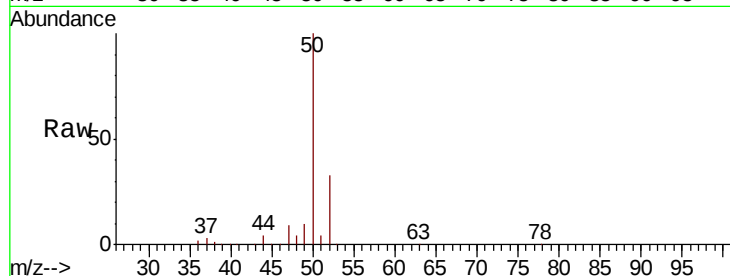
VSTDIC150

Tot Ion: 50 Resp: 609363

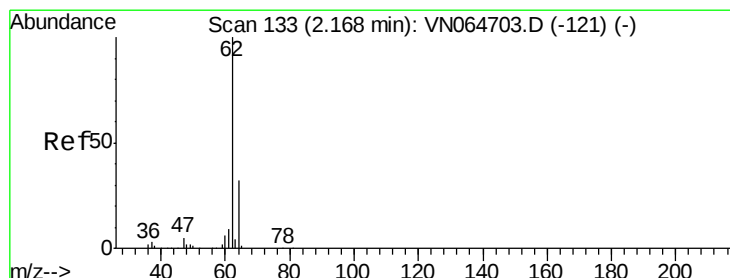
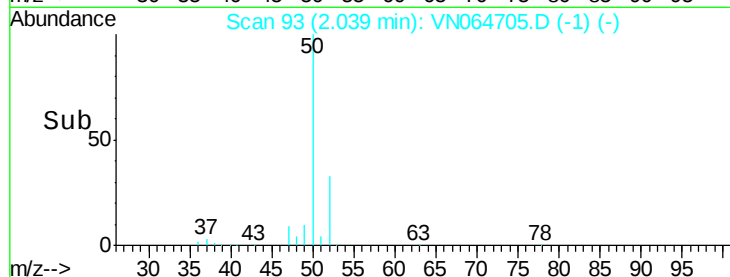
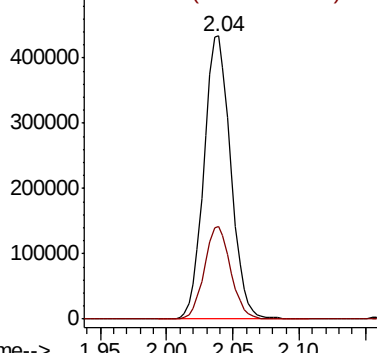
Ion Ratio Lower Upper

50 100

52 33.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 142.184 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064705.D

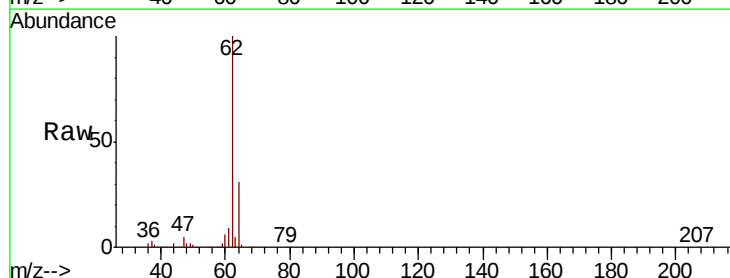
Acq: 18 Nov 2020 13:49

Tgt Ion: 62 Resp: 670060

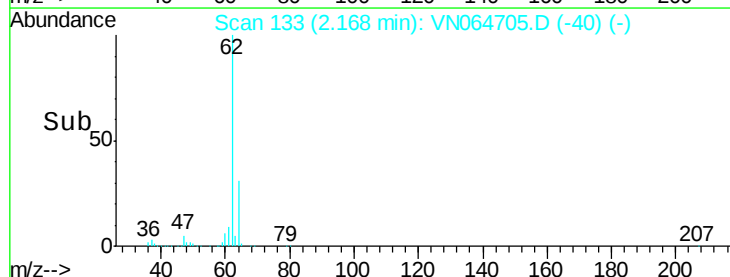
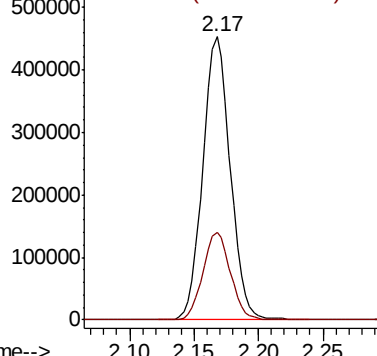
Ion Ratio Lower Upper

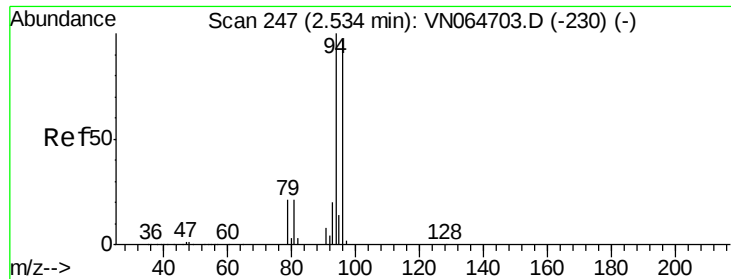
62 100

64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 156.599 ug/l

RT: 2.51 min Scan# 241

Delta R.T. -0.02 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampled :

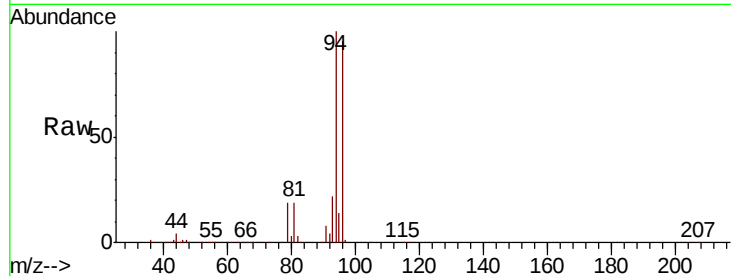
VSTDIC150

Tot Ion: 94 Resp: 479722

Ion Ratio Lower Upper

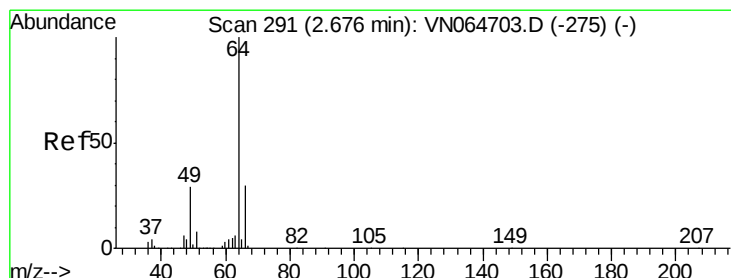
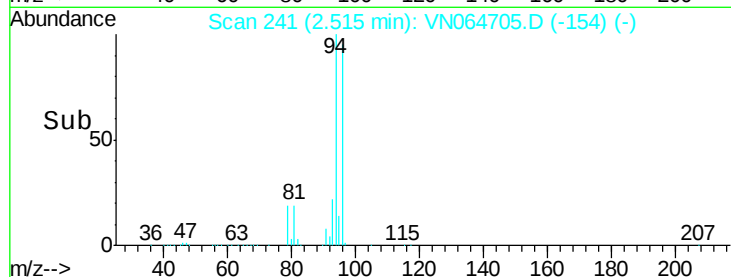
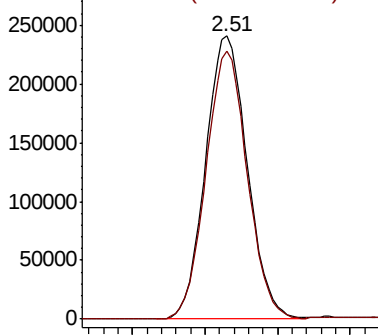
94 100

96 94.9 77.8 116.8



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 146.224 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064705.D

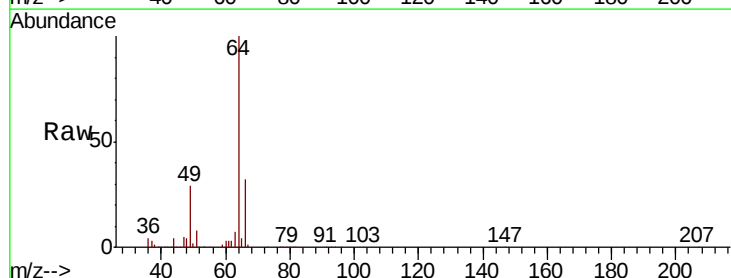
Acq: 18 Nov 2020 13:49

Tgt Ion: 64 Resp: 447062

Ion Ratio Lower Upper

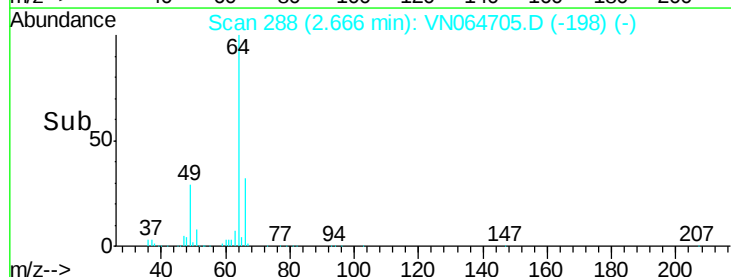
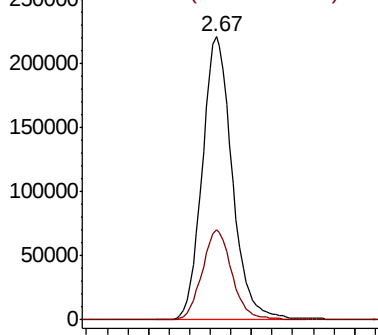
64 100

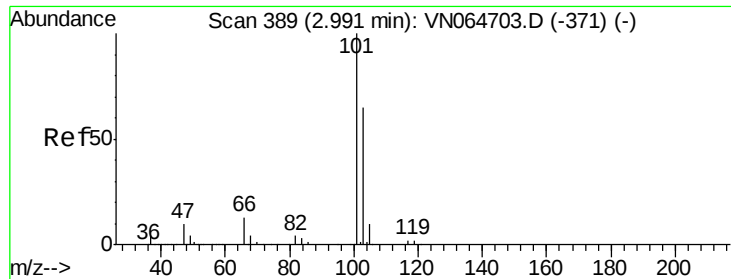
66 31.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



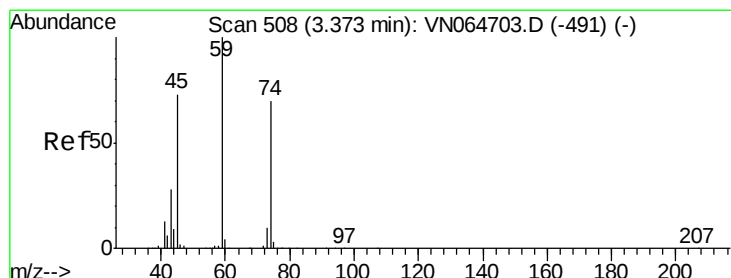
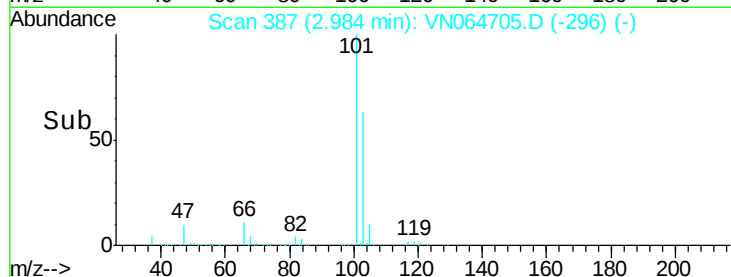
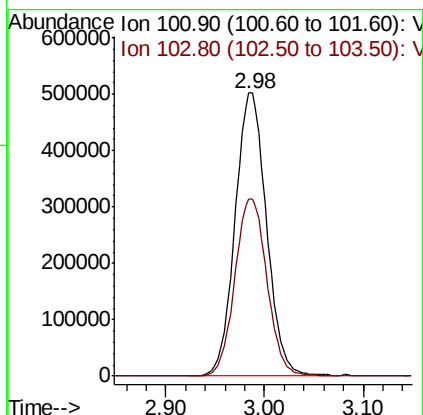
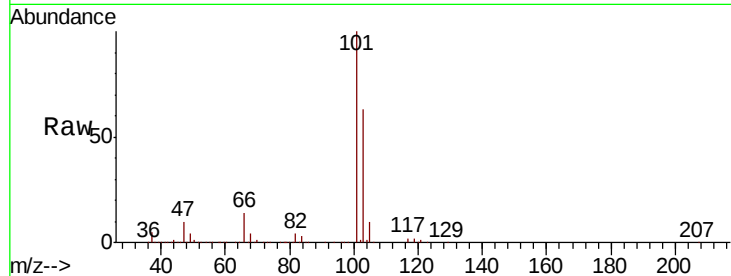


#7

Trichlorofluoromethane
 Concen: 154.998 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Instrument :
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 VSTDIC150

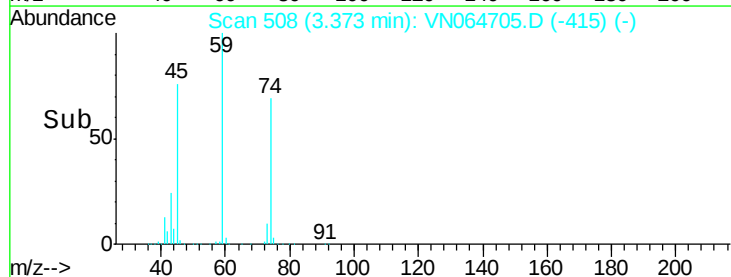
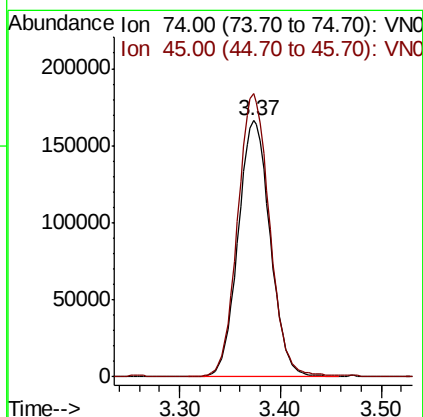
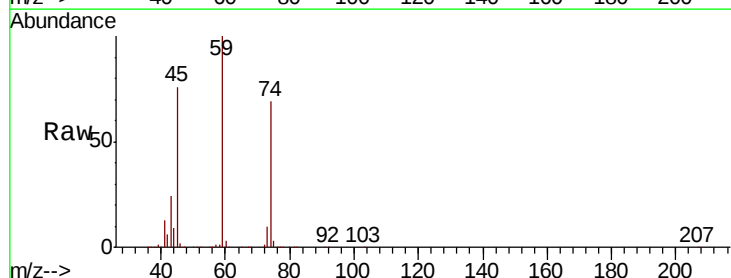
Tot Ion:101 Resp: 1110025
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.8 77.6

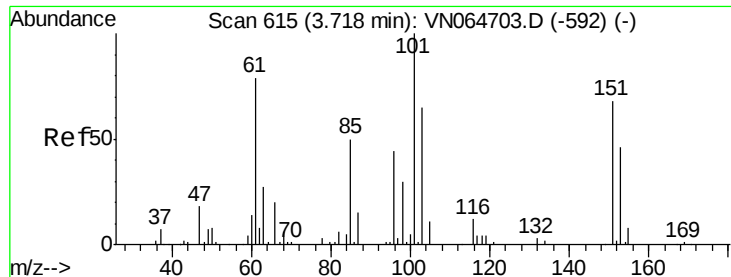


#8

Diethyl Ether
 Concen: 147.117 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion: 74 Resp: 367281
 Ion Ratio Lower Upper
 74 100
 45 109.7 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.192 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

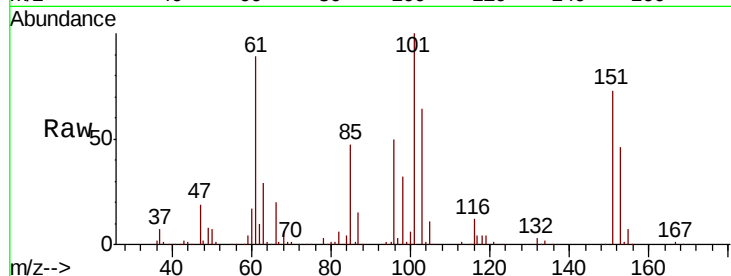
Tot Ion:101 Resp: 477804

Ion Ratio Lower Upper

101 100

85 47.1 39.0 58.4

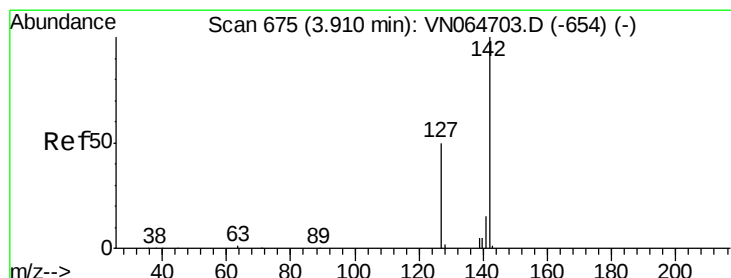
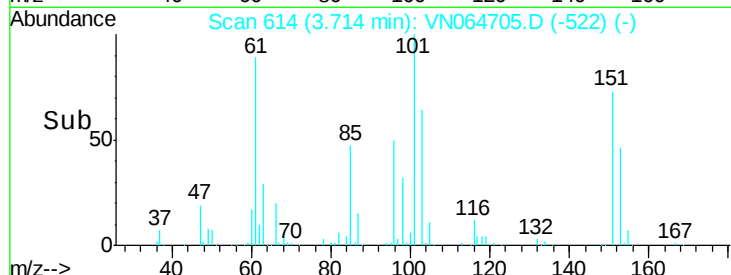
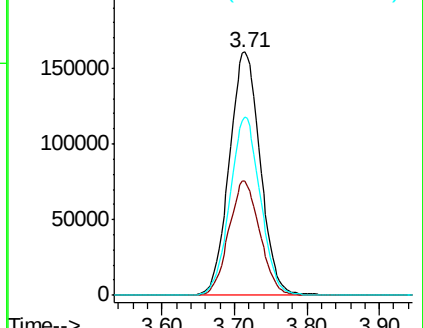
151 72.2 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 165.997 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

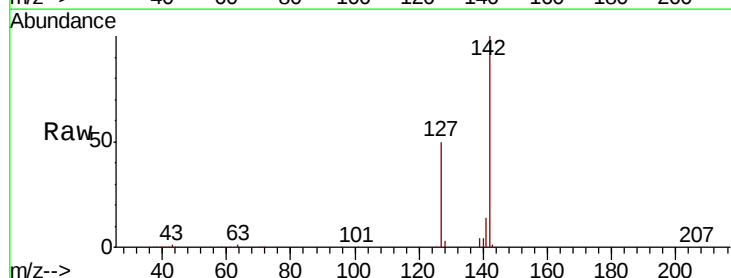
Tgt Ion:142 Resp: 649068

Ion Ratio Lower Upper

142 100

127 51.7 42.0 63.0

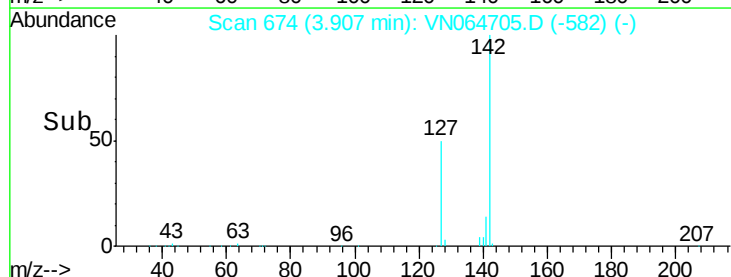
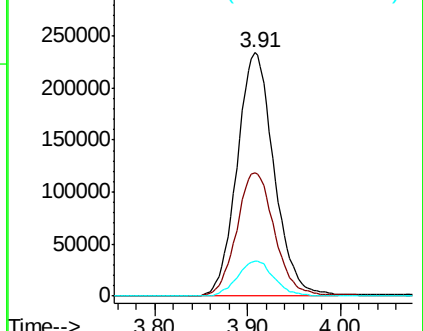
141 14.6 12.1 18.1

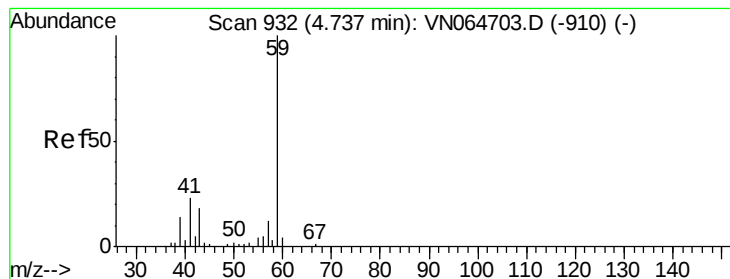


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



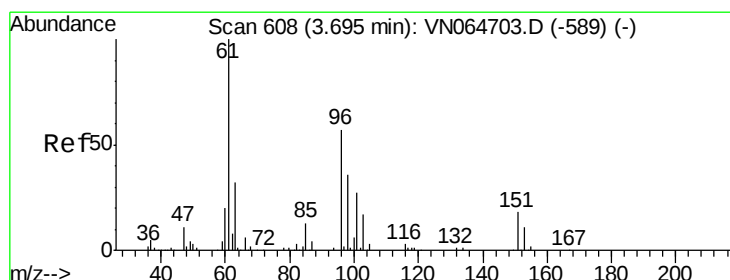
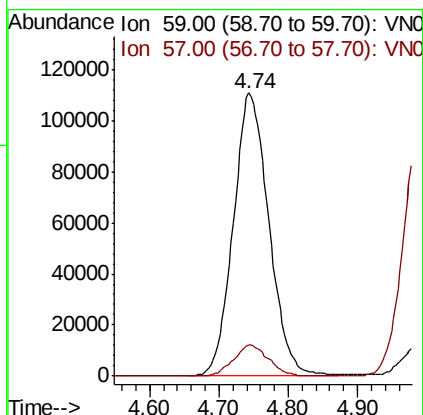
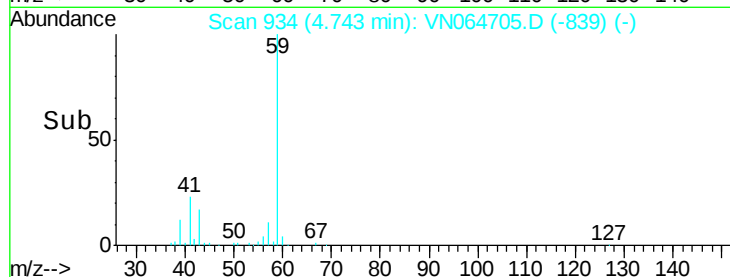
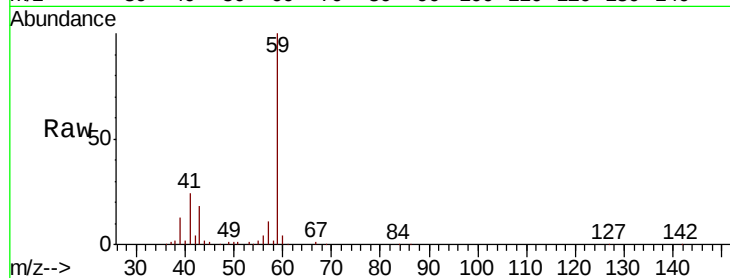


#11

Tert butyl alcohol
Concen: 717.226 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

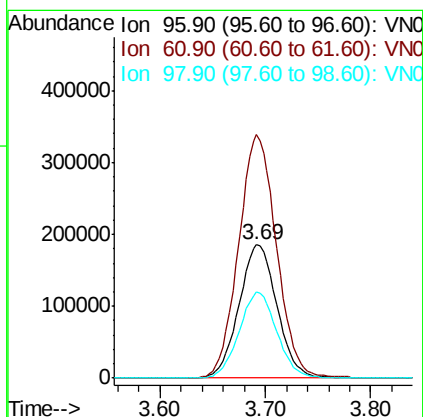
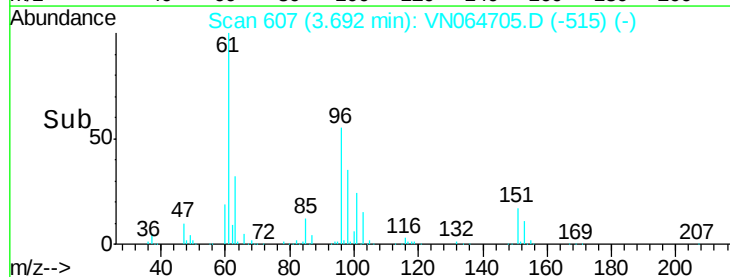
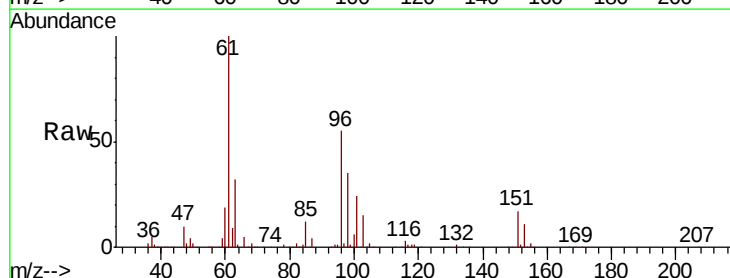
Tot Ion: 59 Resp: 395925
Ion Ratio Lower Upper
59 100
57 10.7 9.1 13.7

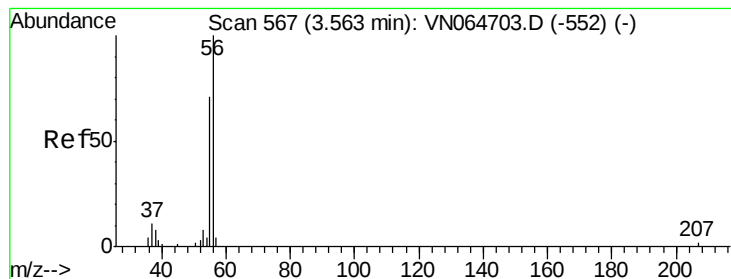


#12

1,1-Dichloroethene
Concen: 146.412 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 96 Resp: 462944
Ion Ratio Lower Upper
96 100
61 182.6 139.1 208.7
98 64.3 50.2 75.2





#13

Acrolein

Concen: 249.249 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

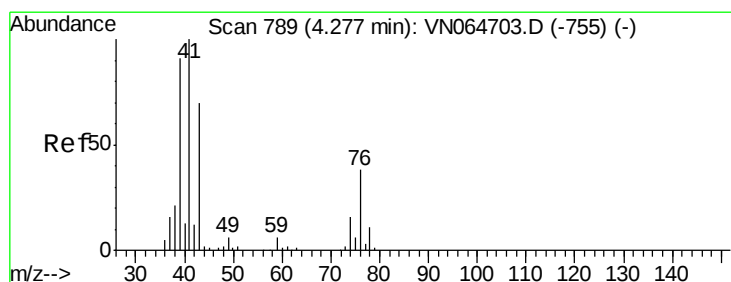
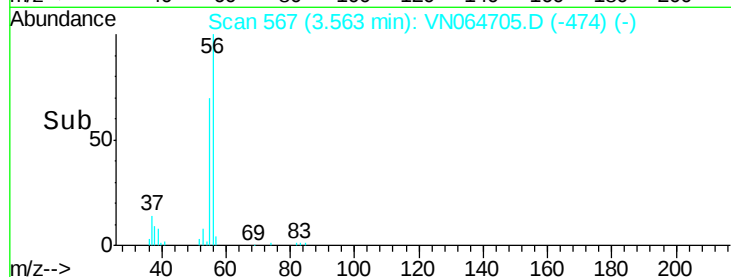
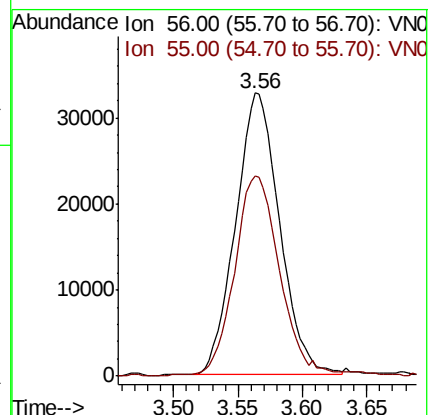
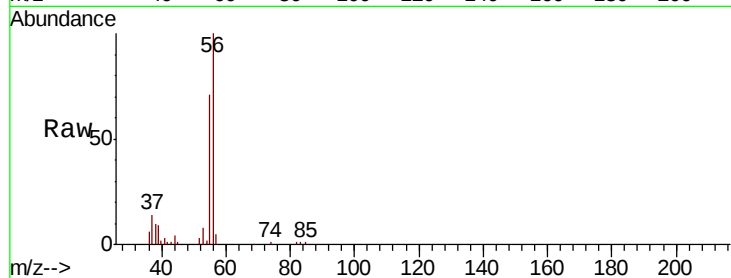
VSTDIC150

Tot Ion: 56 Resp: 77636

Ion Ratio Lower Upper

56 100

55 73.0 61.8 92.6



#14

Allyl chloride

Concen: 145.683 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

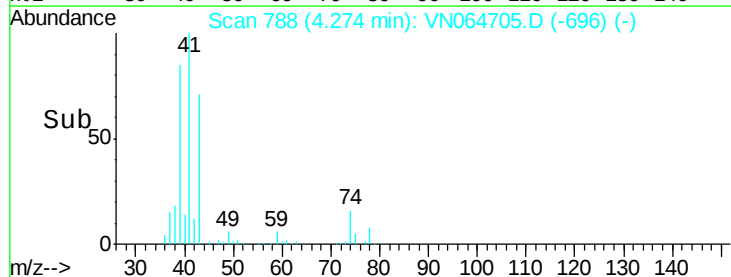
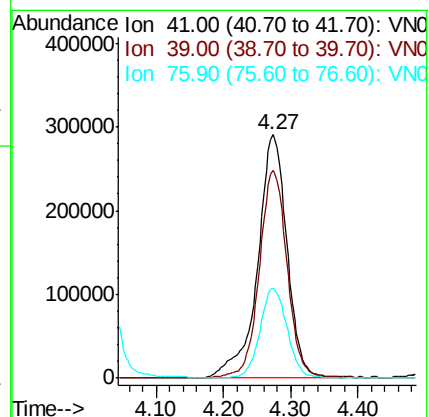
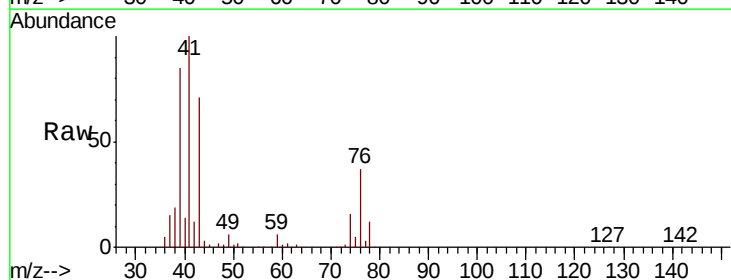
Tgt Ion: 41 Resp: 884858

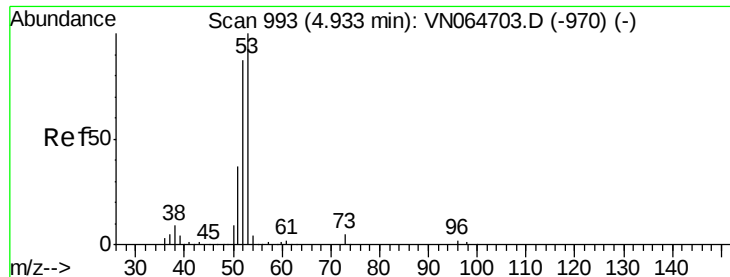
Ion Ratio Lower Upper

41 100

39 80.6 66.1 99.1

76 33.3 26.6 40.0





#15

Acrylonitrile

Concen: 776.151 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

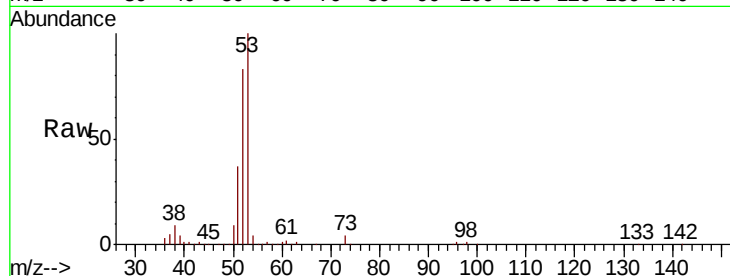
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1205101

Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.2	100.8
51	38.0	31.0	46.6

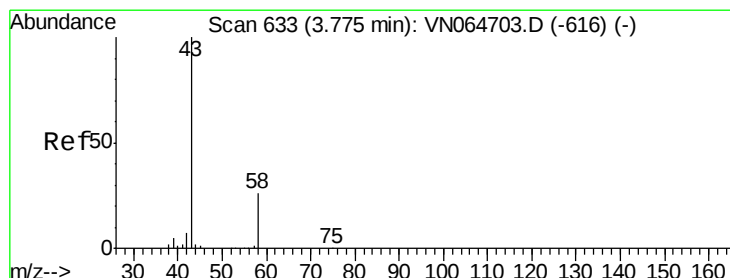
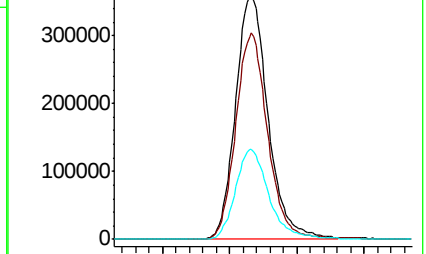
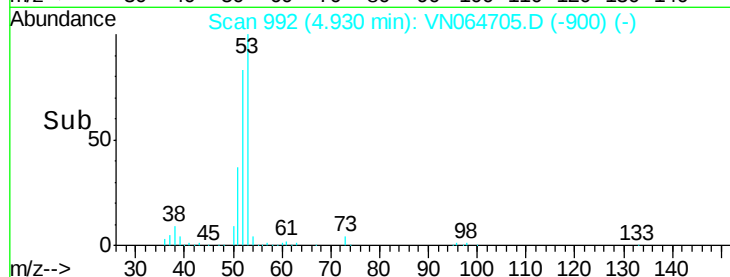


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 524.293 ug/l

RT: 3.78 min Scan# 633

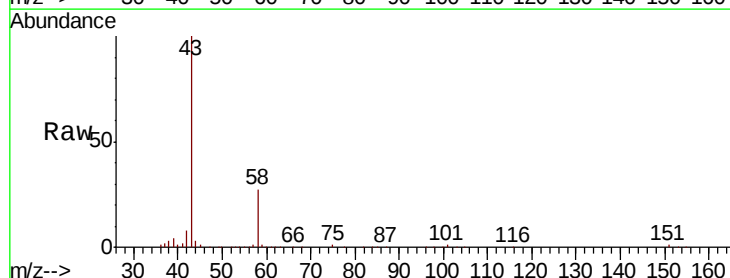
Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Tgt Ion: 43 Resp: 961828

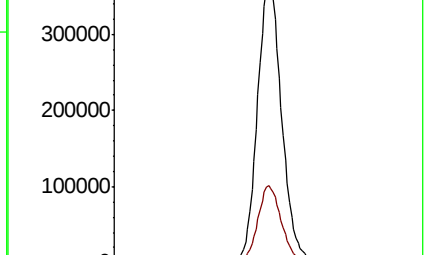
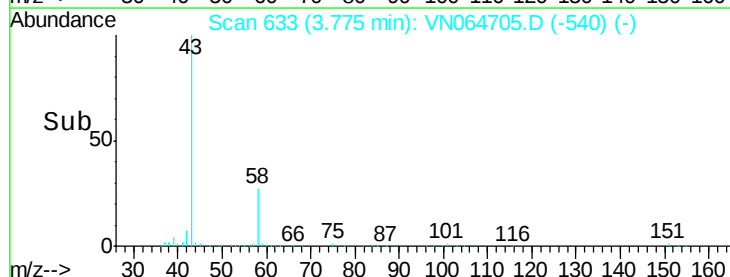
Ion	Ratio	Lower	Upper
43	100		
58	27.2	21.2	31.8

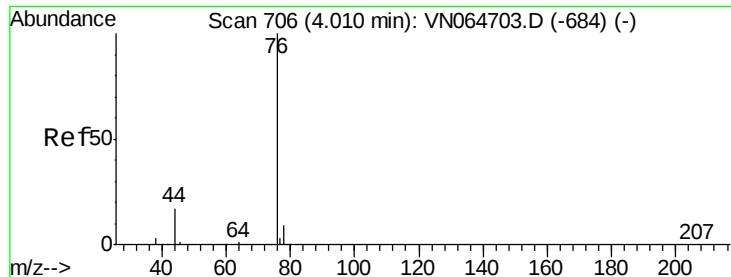


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

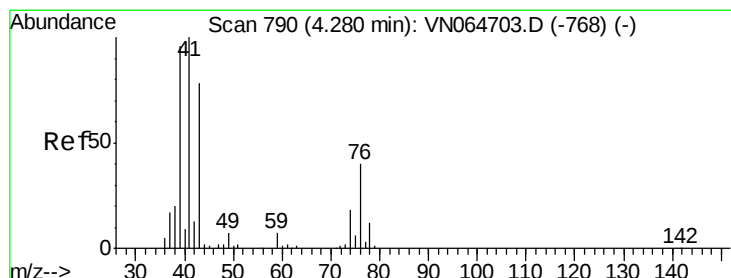
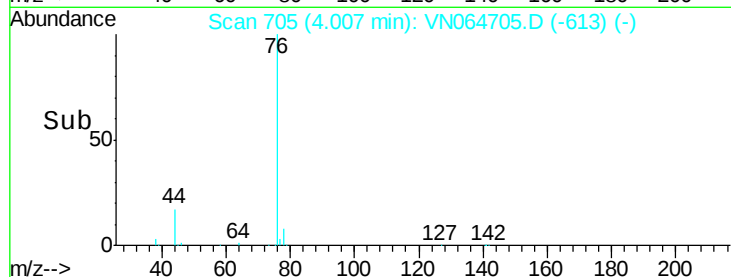
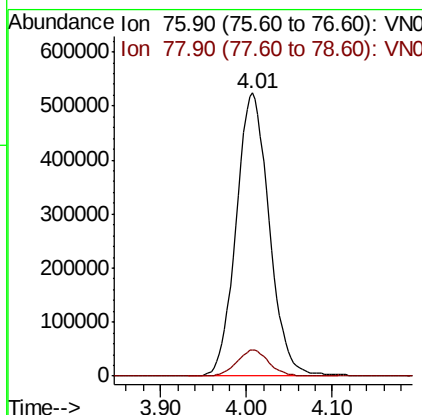
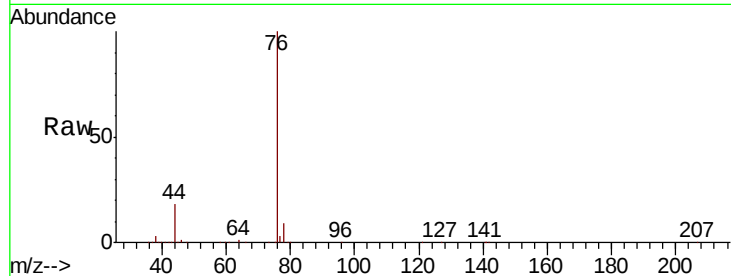




#17
Carbon Disulfide
Concen: 148.876 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

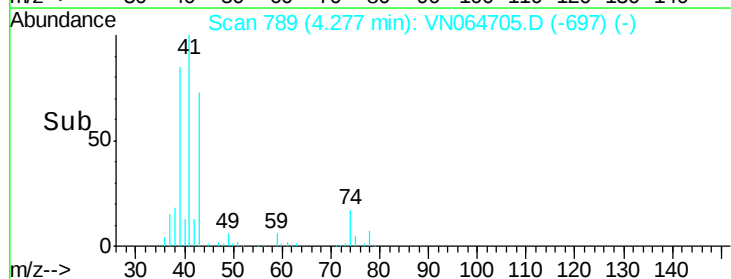
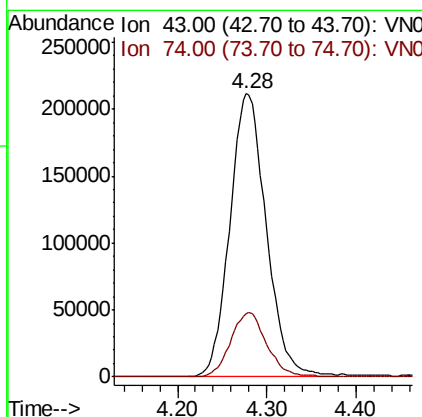
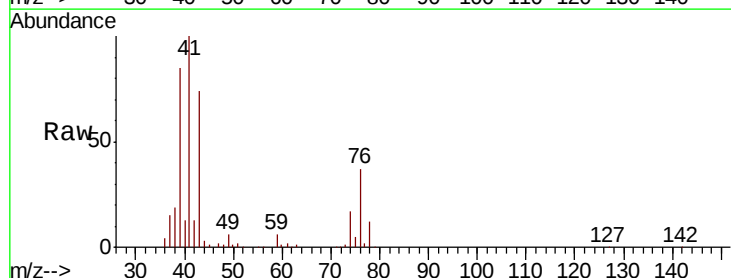
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

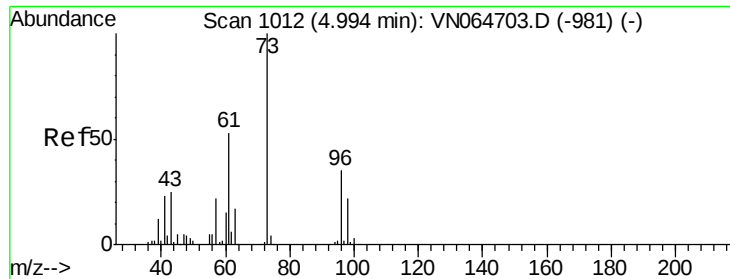
Tot Ion: 76 Resp: 1399574
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 154.267 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 43 Resp: 594161
Ion Ratio Lower Upper
43 100
74 22.8 17.6 26.4

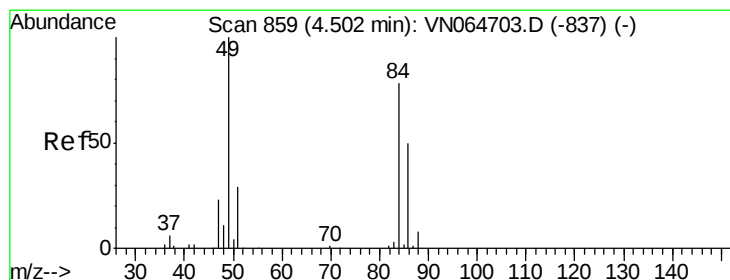
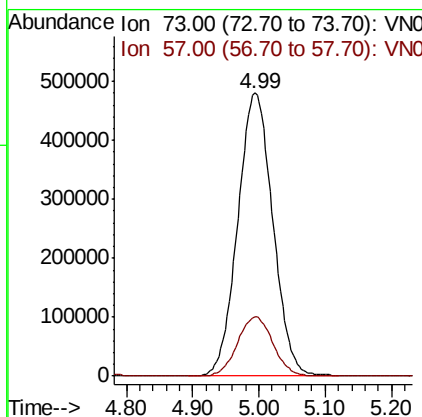
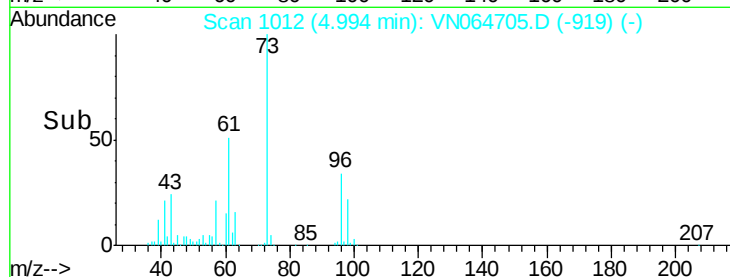
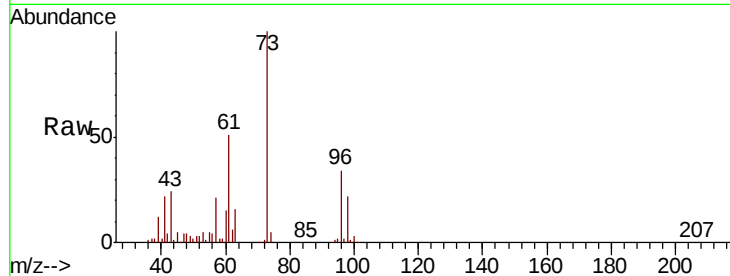




#19
Methvl tert-butvl Ether
Concen: 156.078 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

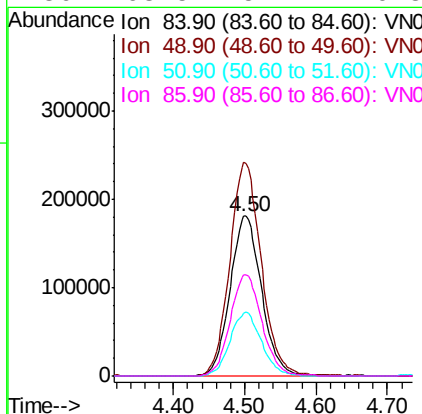
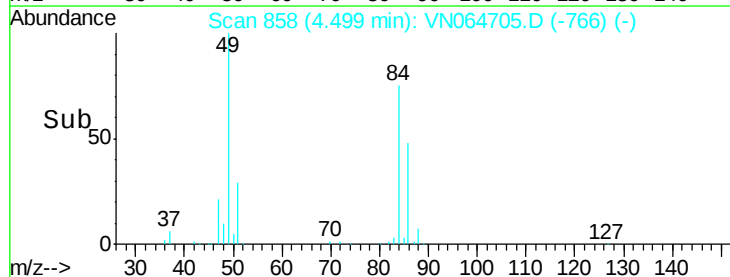
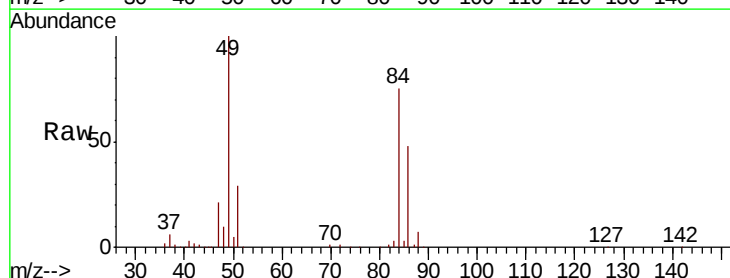
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

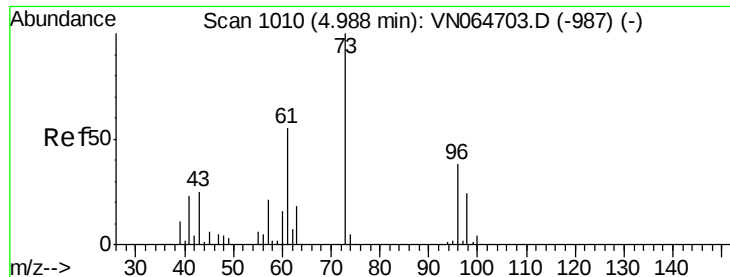
Tot Ion: 73 Resp: 1766781
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 142.608 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 84 Resp: 555730
Ion Ratio Lower Upper
84 100
49 133.6 102.4 153.6
51 39.1 29.4 44.2
86 63.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 153.958 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

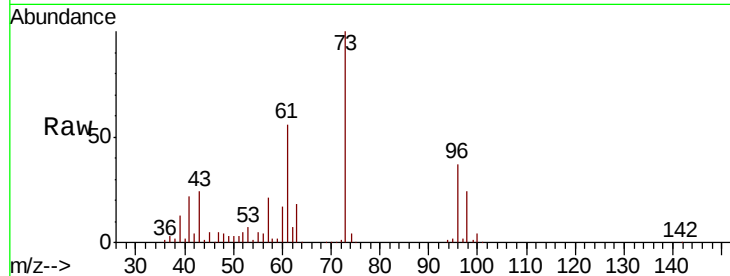
Tot Ion: 96 Resp: 550976

Ion Ratio Lower Upper

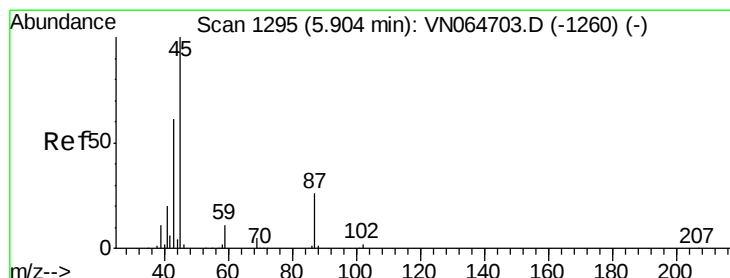
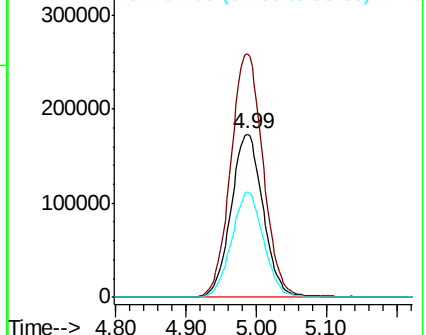
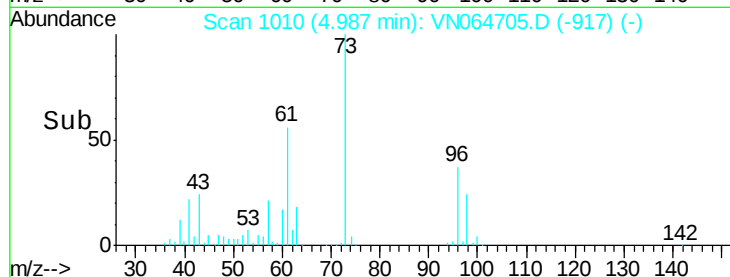
96 100

61 148.8 117.9 176.9

98 64.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064705.D (-917) (-)



#22

Diisopropyl ether

Concen: 154.539 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Tgt Ion: 45 Resp: 1989847

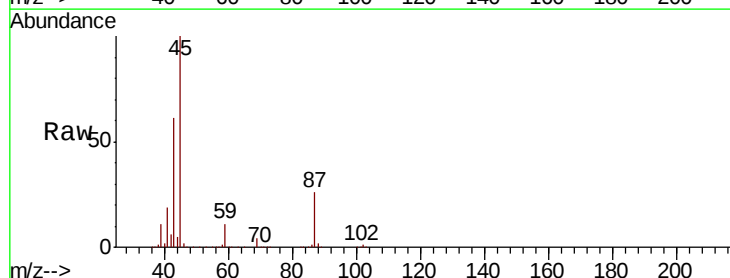
Ion Ratio Lower Upper

45 100

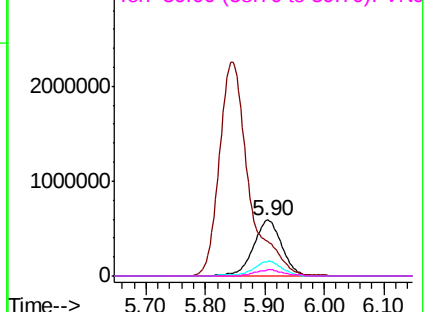
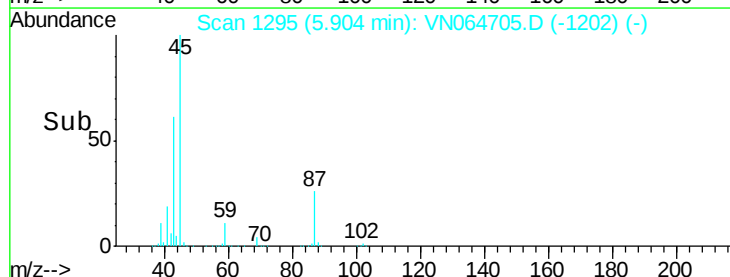
43 61.0 52.3 78.5

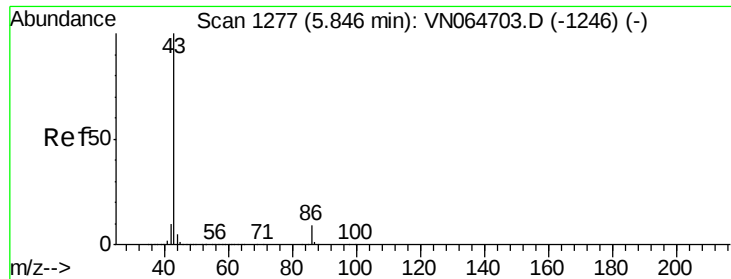
87 26.3 21.6 32.4

59 10.5 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VN064705.D (-1202) (-)





#23

Vinyl Acetate

Concen: 745.377 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

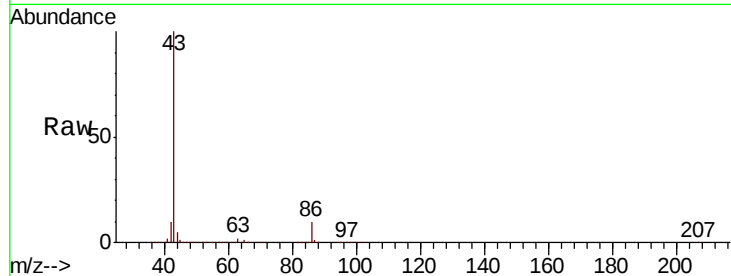
VSTDIC150

Tot Ion: 43 Resp: 7774141

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN064703.D (-1246) (-)

5.84

2500000

2000000

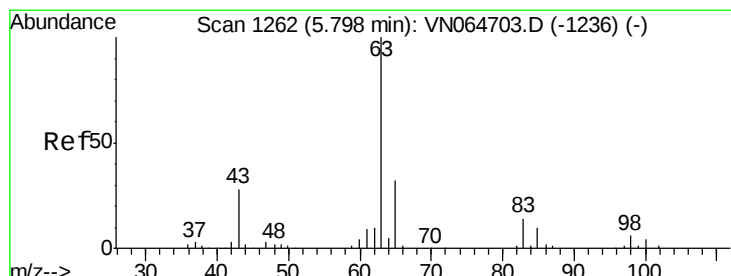
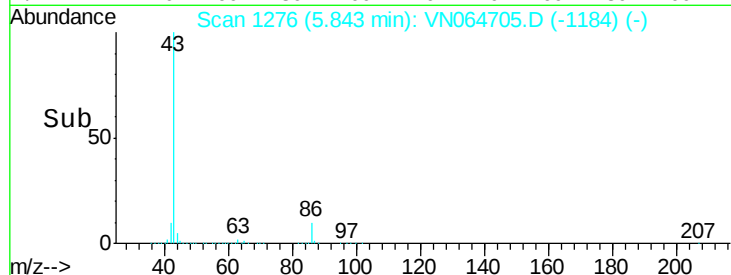
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 148.049 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

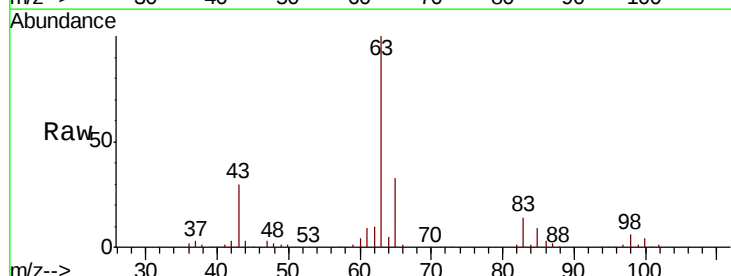
Tgt Ion: 63 Resp: 1057623

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN064703.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN064703.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN064703.D (-1236) (-)

400000

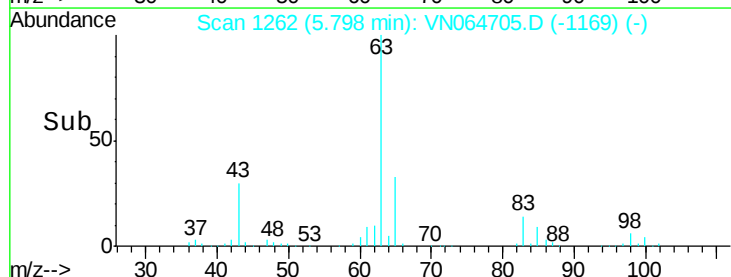
300000

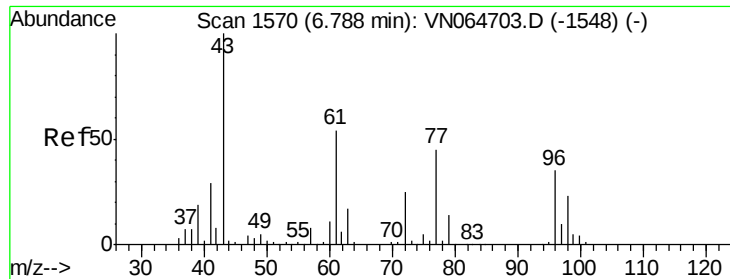
200000

100000

0

Time-->





#25

2-Butanone

Concen: 704.415 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

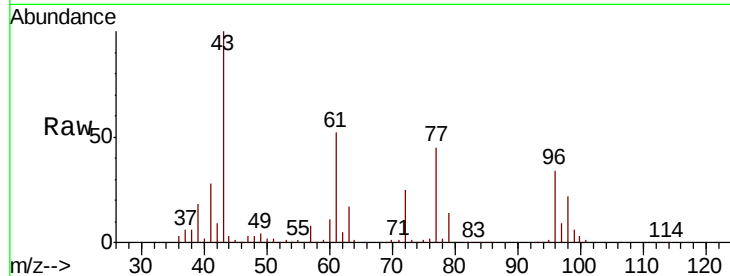
VSTDIC150

Tot Ion: 43 Resp: 1692340

Ion Ratio Lower Upper

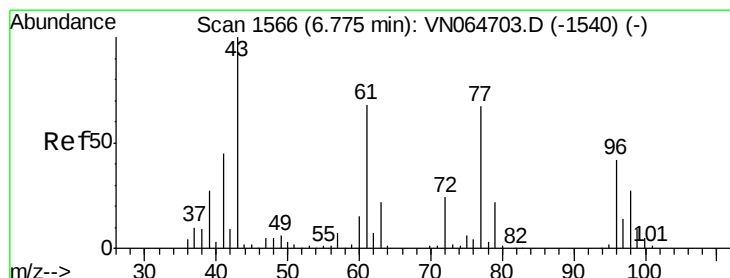
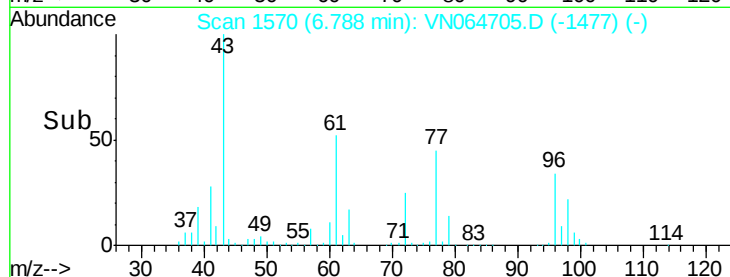
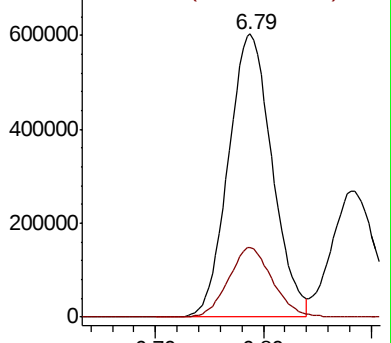
43 100

72 24.8 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: 154.942 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064705.D

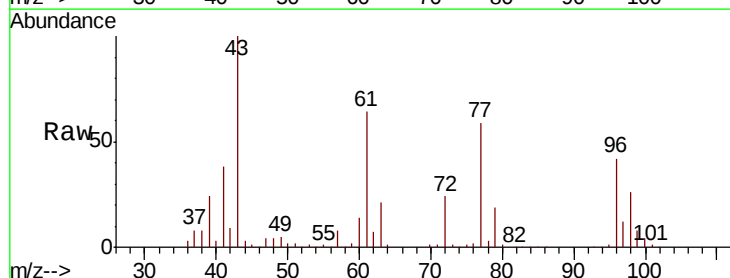
Acq: 18 Nov 2020 13:49

Tgt Ion: 77 Resp: 1012749

Ion Ratio Lower Upper

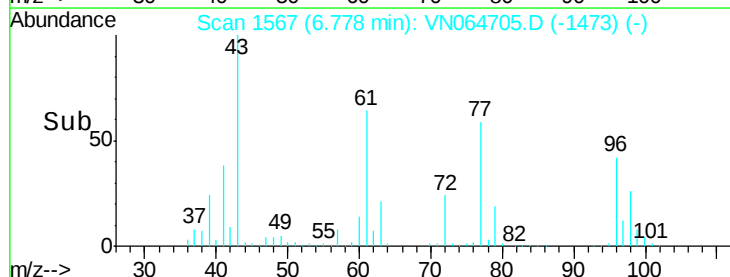
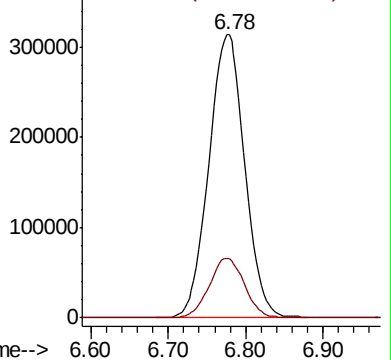
77 100

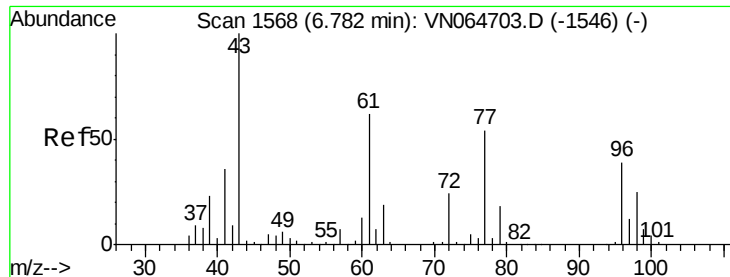
97 20.7 10.5 31.5



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: 156.829 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

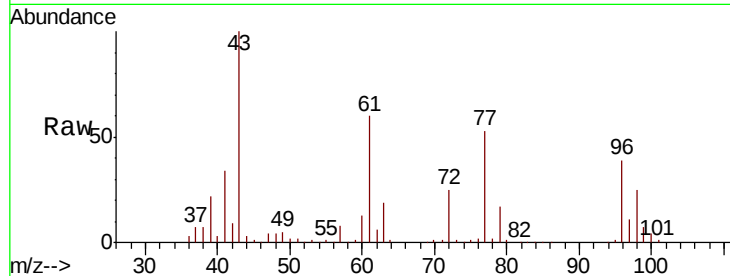
Tot Ion: 96 Resp: 647586

Ion Ratio Lower Upper

96 100

61 156.7 0.0 322.6

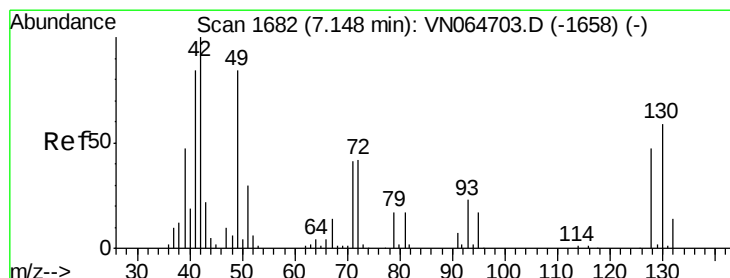
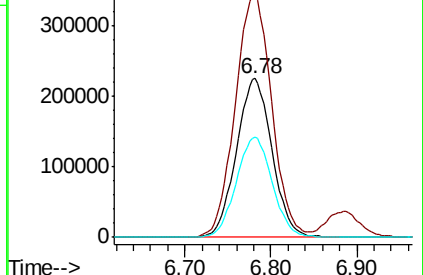
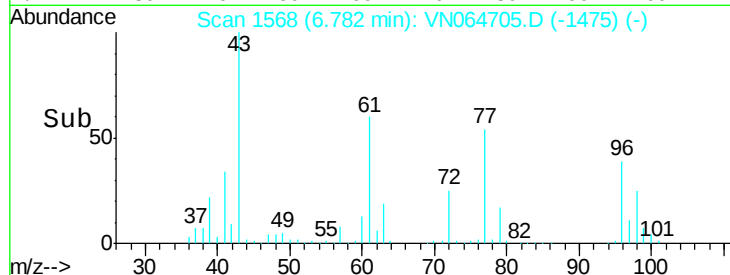
98 63.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064705.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064705.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064705.D (-1475) (-)



#28

Bromochloromethane

Concen: 155.552 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

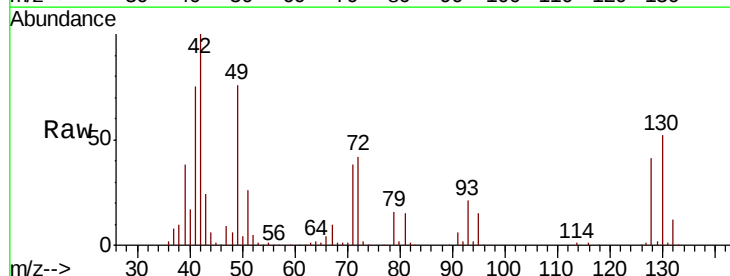
Tgt Ion: 49 Resp: 561686

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

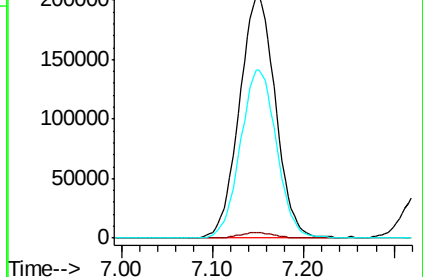
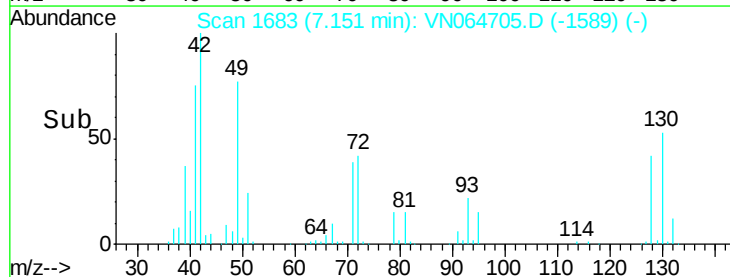
130 69.3 56.2 84.4

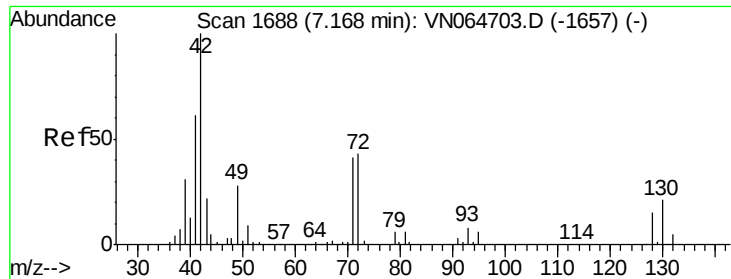


Abundance Ion 48.90 (48.60 to 49.60): VN064705.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064705.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064705.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 757.899 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

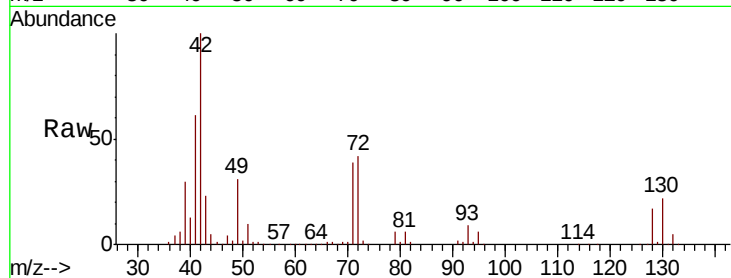
Tot Ion: 42 Resp: 1141827

Ion Ratio Lower Upper

42 100

72 42.0 33.0 49.4

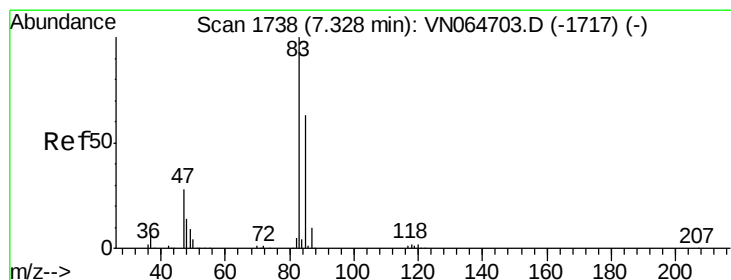
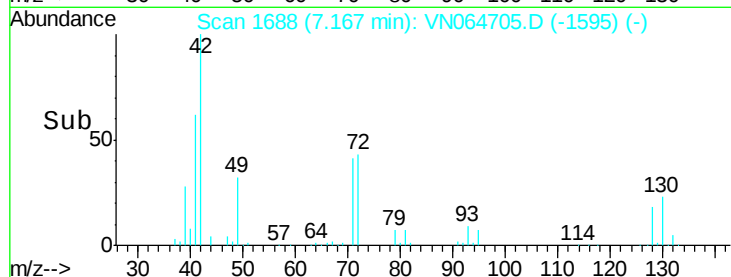
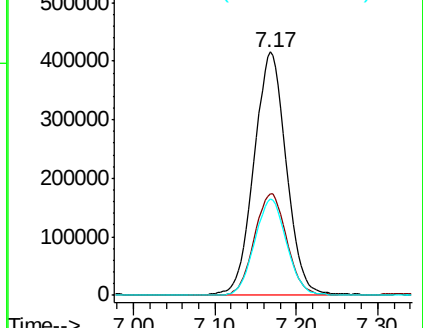
71 39.3 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 153.280 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064705.D

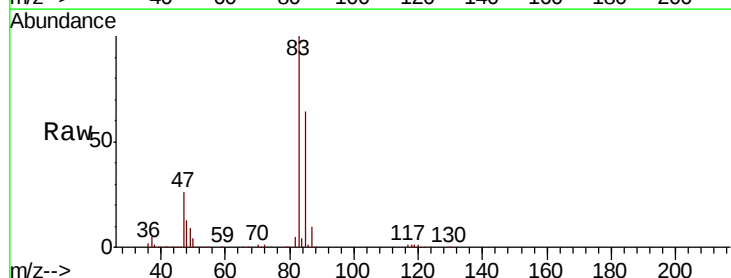
Acq: 18 Nov 2020 13:49

Tgt Ion: 83 Resp: 1157093

Ion Ratio Lower Upper

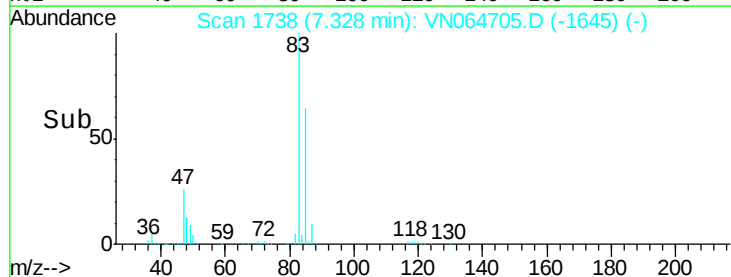
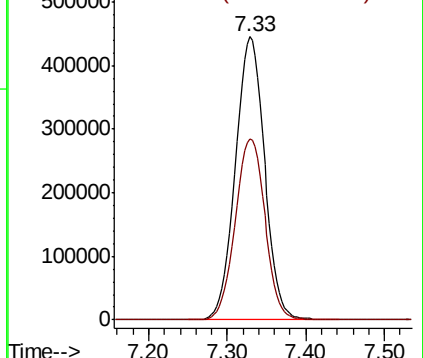
83 100

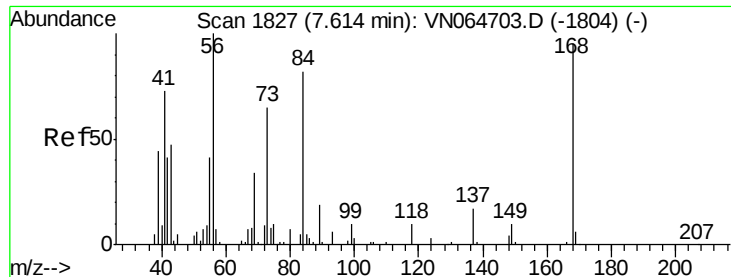
85 63.9 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 141.081 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

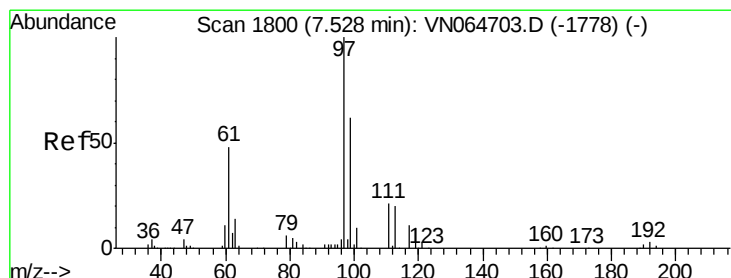
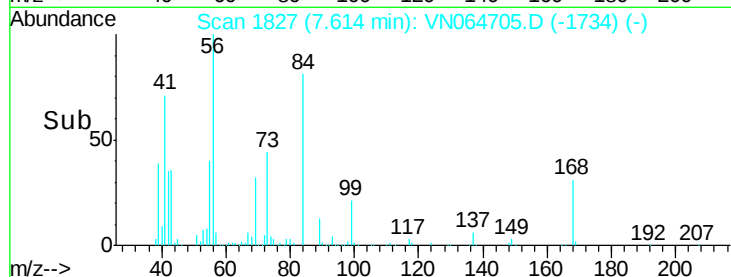
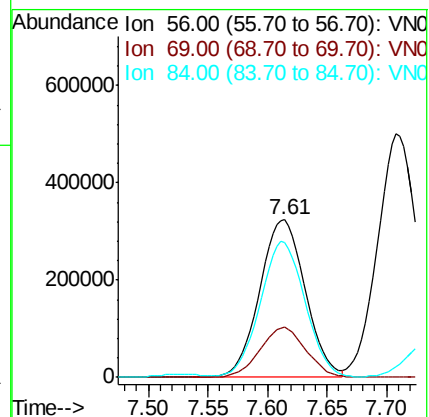
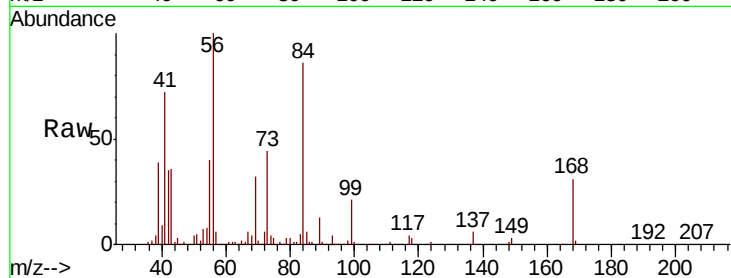
Tot Ion: 56 Resp: 862123

Ion Ratio Lower Upper

56 100

69 31.6 27.2 40.8

84 84.0 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 156.884 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

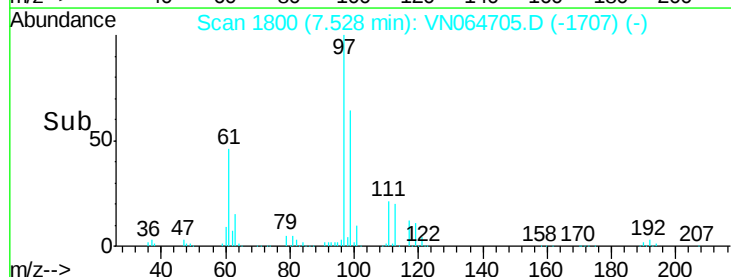
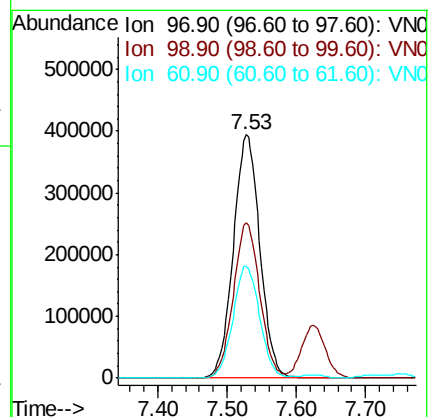
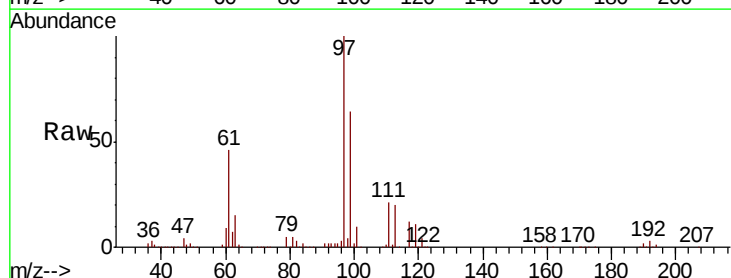
Tgt Ion: 97 Resp: 1055167

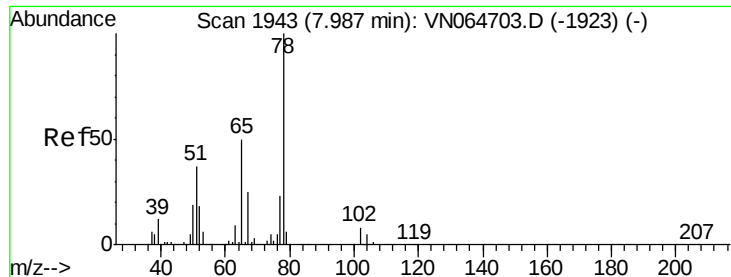
Ion Ratio Lower Upper

97 100

99 63.6 50.6 76.0

61 46.3 38.3 57.5

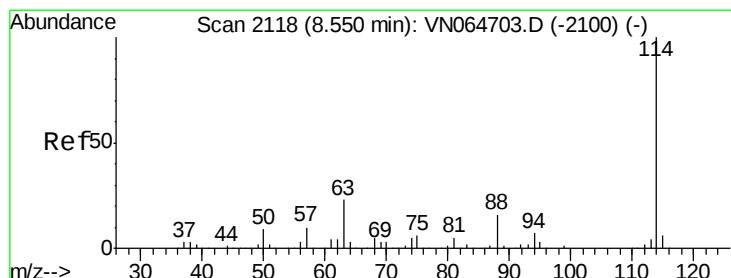
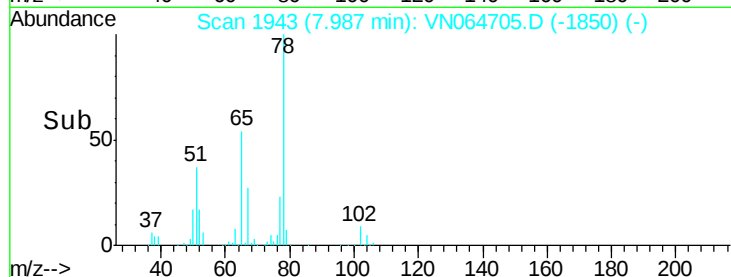
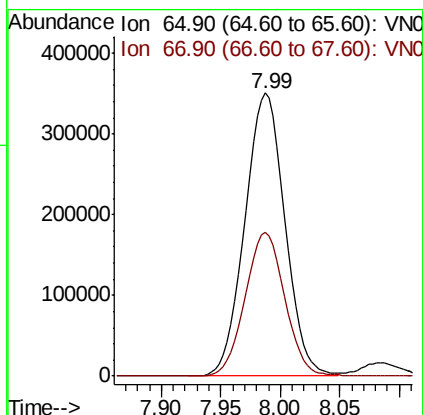
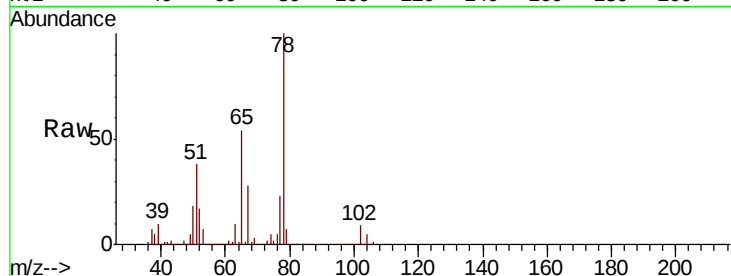




#33
 1,2-Dichloroethane-d4
 Concen: 156.998 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

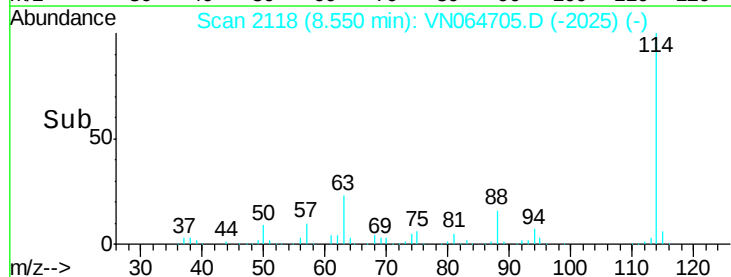
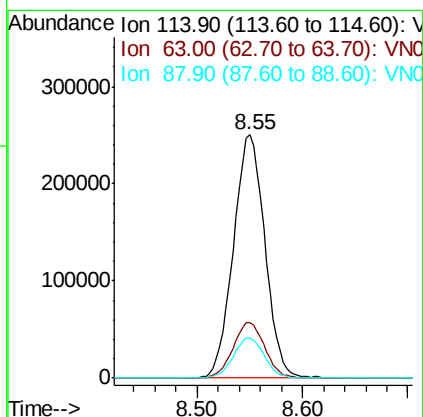
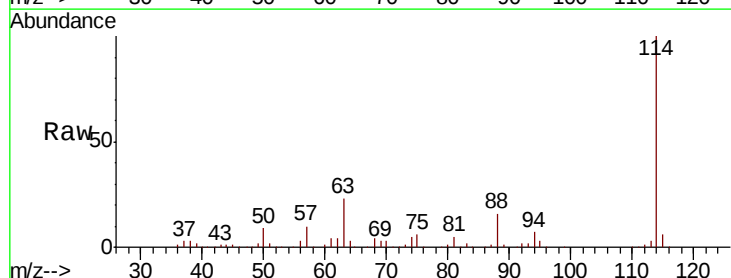
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

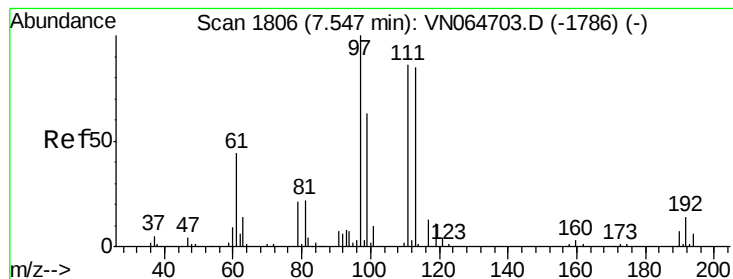
Tot Ion: 65 Resp: 818325
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion: 114 Resp: 518622
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 46.0
 88 16.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 129.090 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

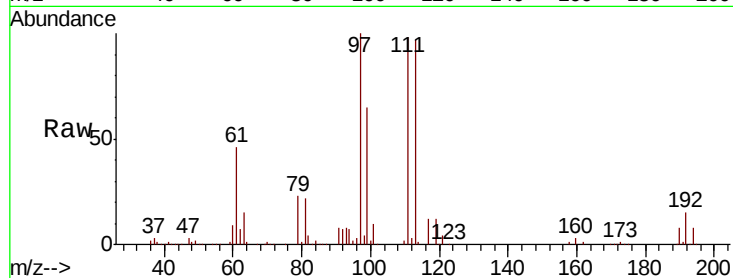
Tot Ion:113 Resp: 442042

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

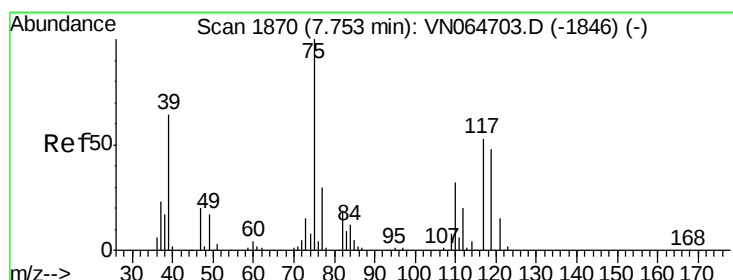
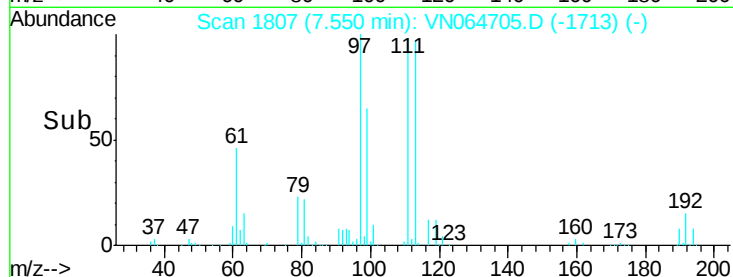
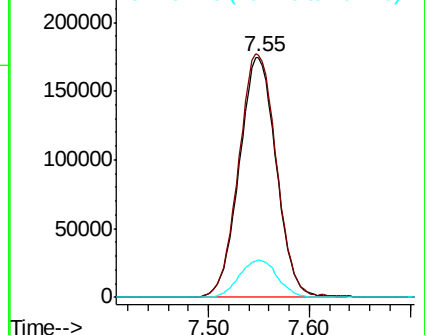
192 16.2 12.7 19.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 159.631 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

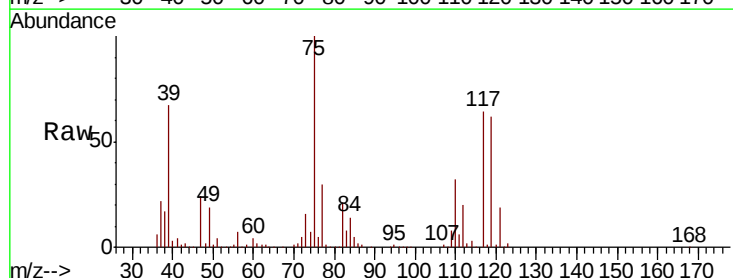
Tgt Ion: 75 Resp: 859244

Ion Ratio Lower Upper

75 100

110 32.6 16.2 48.6

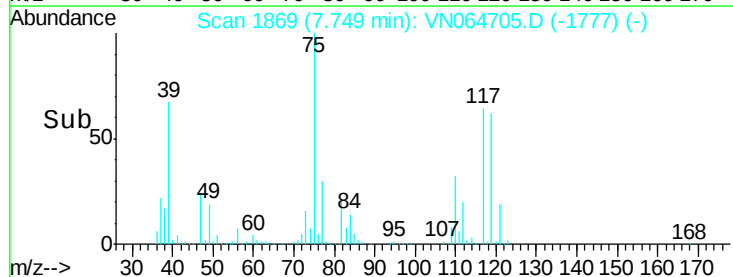
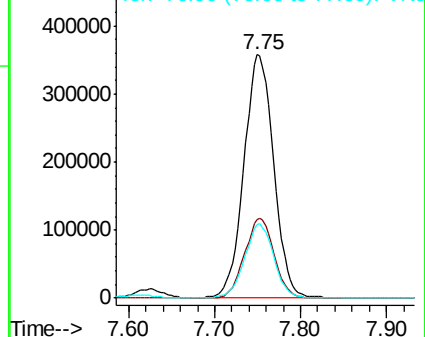
77 30.2 24.4 36.6

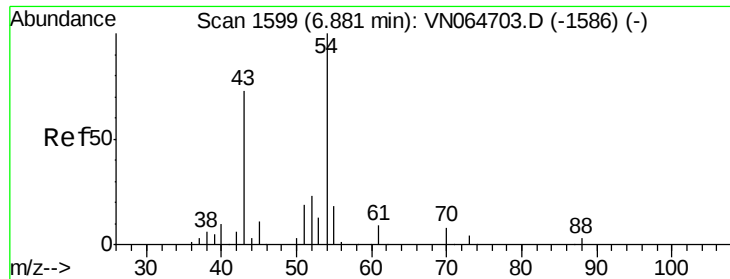


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

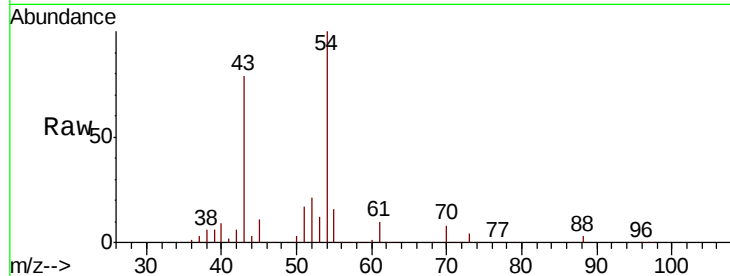




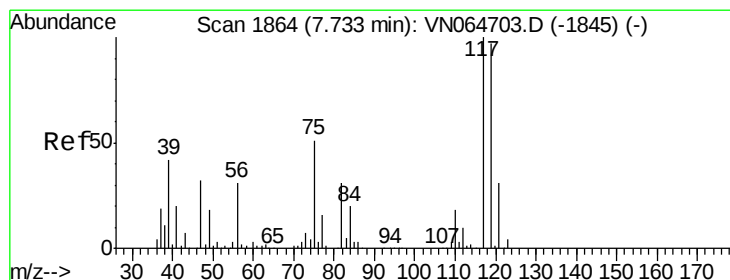
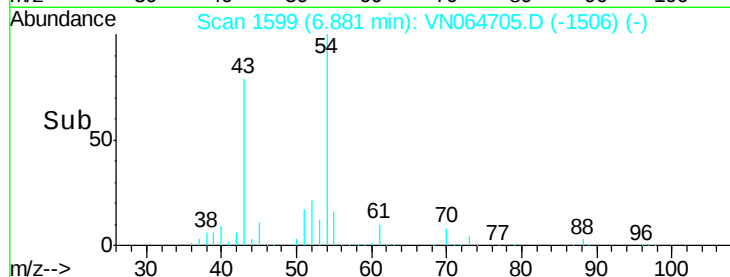
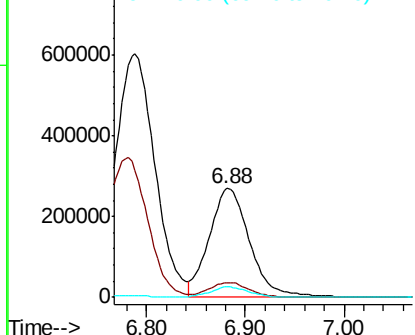
#37
Ethyl Acetate
Concen: 160.361 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 759285
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 9.1 7.6 11.4

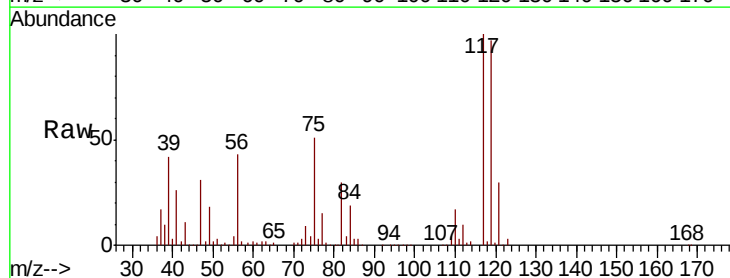


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

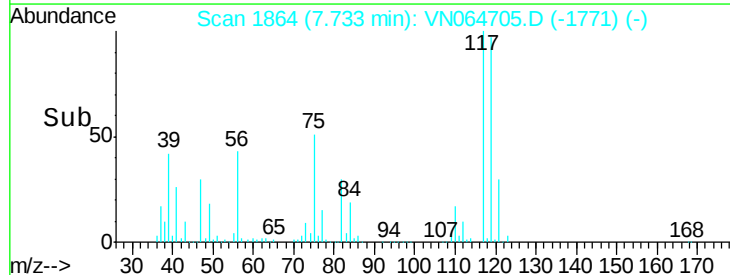
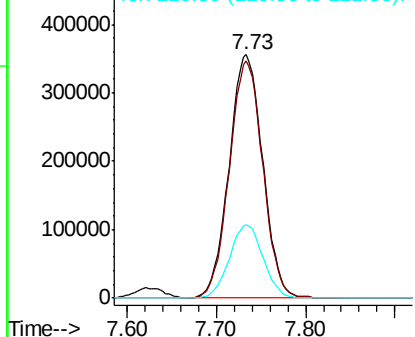


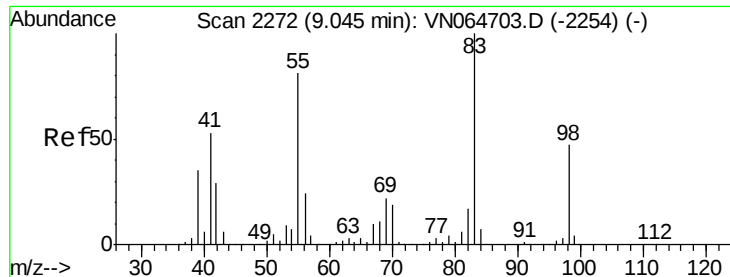
#38
Carbon Tetrachloride
Concen: 159.909 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 117 Resp: 926685
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.6
121 30.0 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

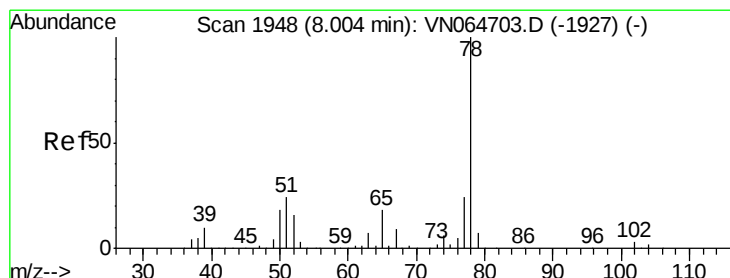
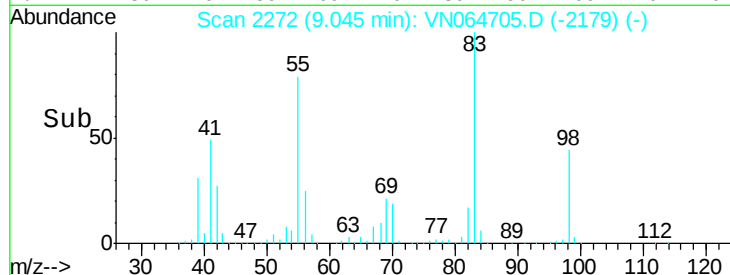
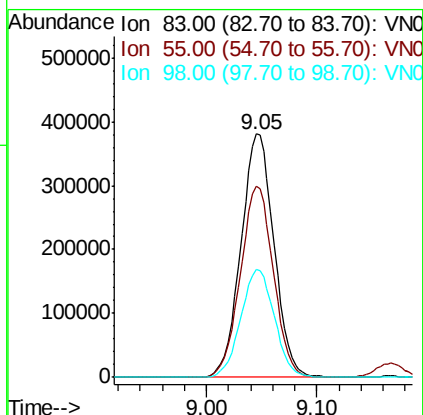
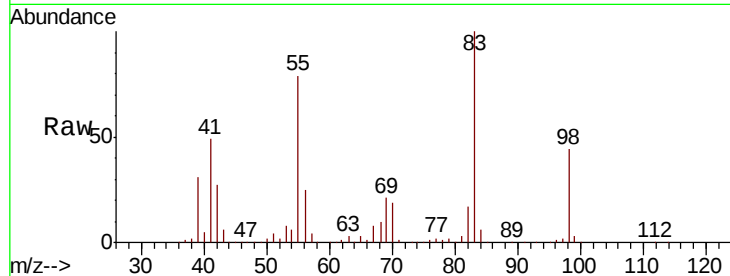




#39
Methvlcvclohexane
Concen: 164.158 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

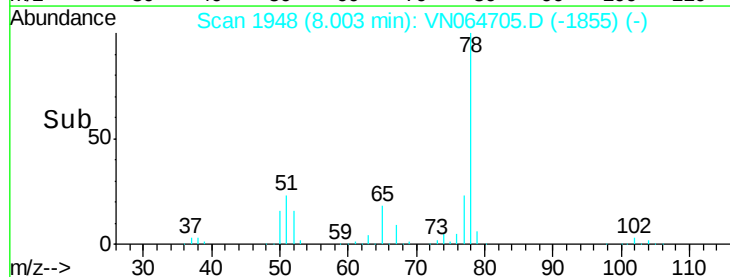
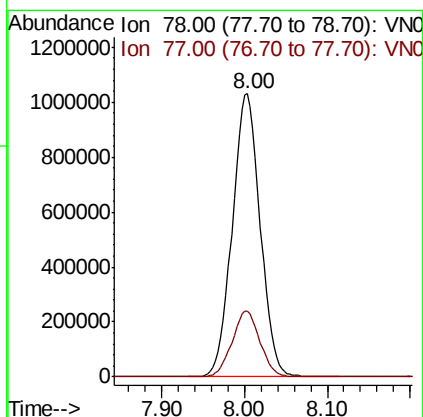
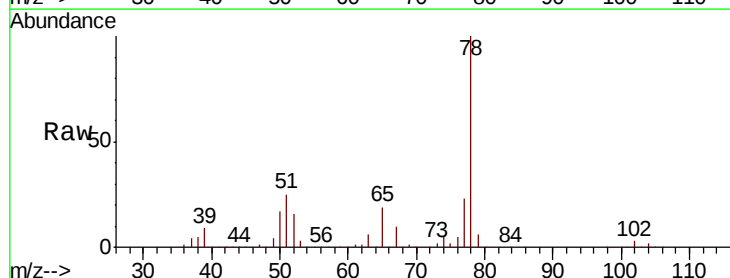
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

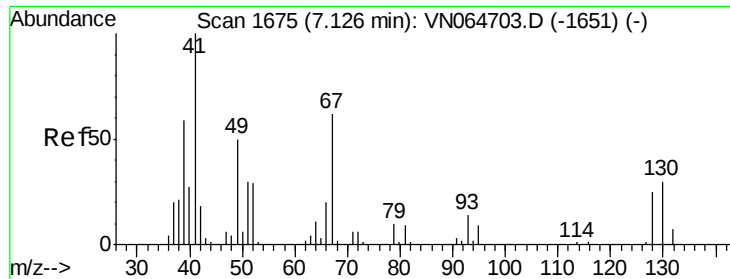
Tot Ion: 83 Resp: 788524
Ion Ratio Lower Upper
83 100
55 78.6 64.6 97.0
98 44.1 37.7 56.5



#40
Benzene
Concen: 152.647 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 78 Resp: 2410437
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

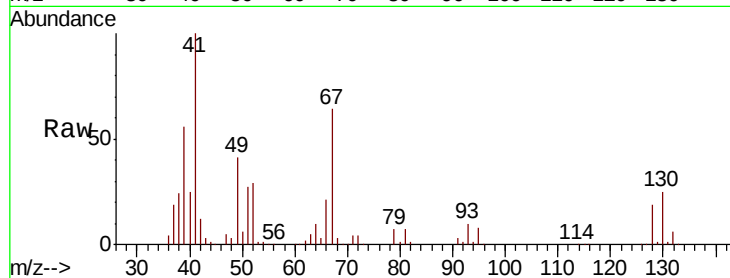




#41
Methacrylonitrile
Concen: 155.069 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	371298
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.0	69.0
67	77.9	67.0	100.4
52	35.4	31.7	47.5



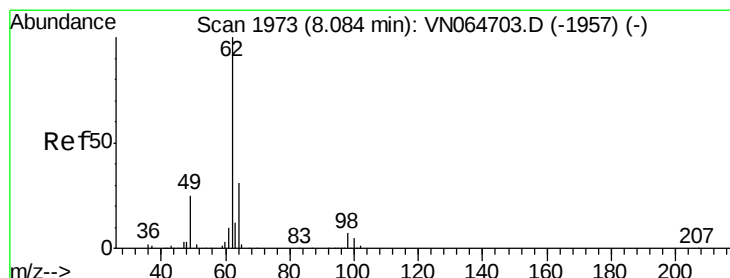
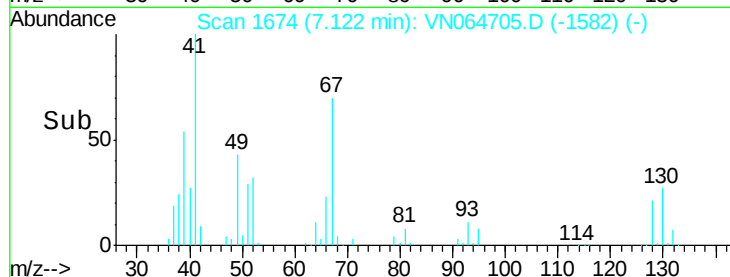
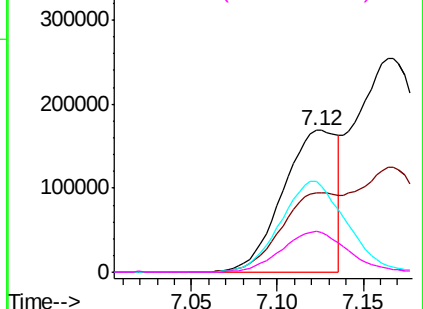
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

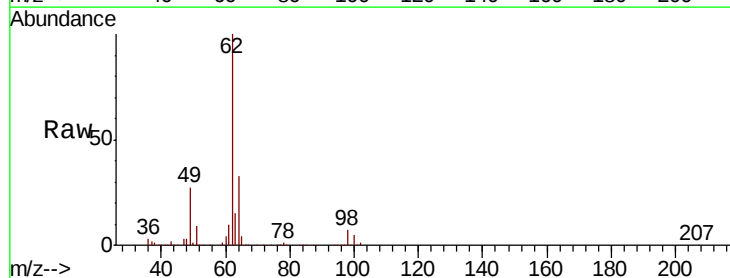
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 155.385 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

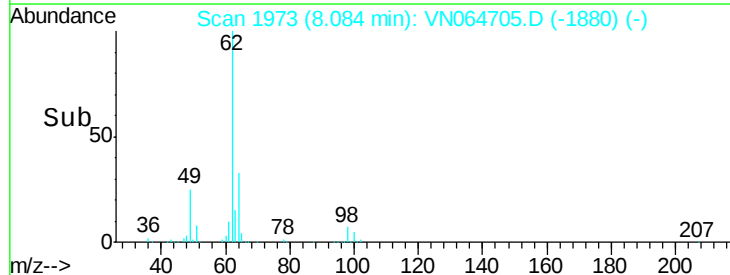
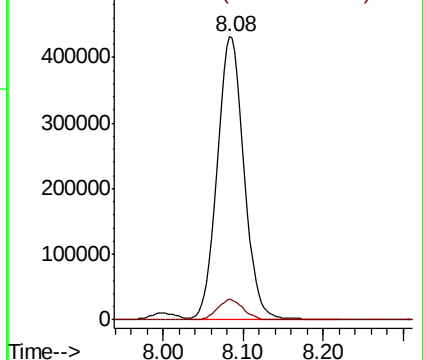
Tgt Ion:	62	Resp:	996921
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	13.6

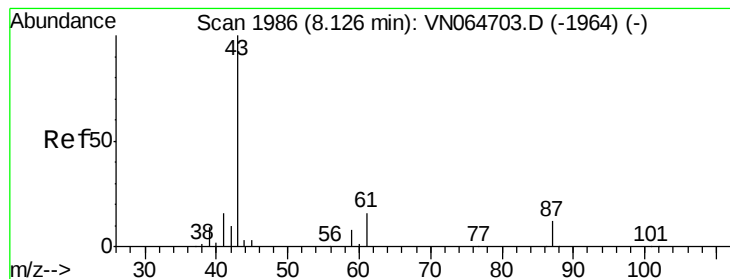


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 157.847 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

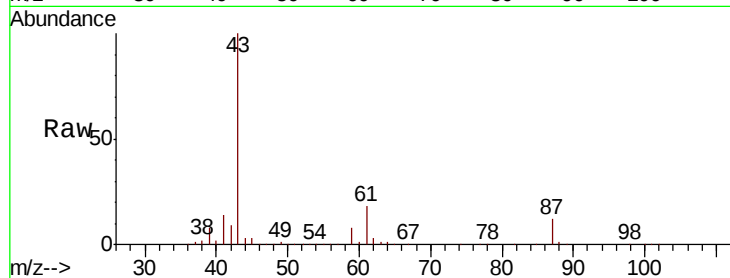
Tot Ion: 43 Resp: 1372398

Ion Ratio Lower Upper

43 100

61 17.9 14.1 21.1

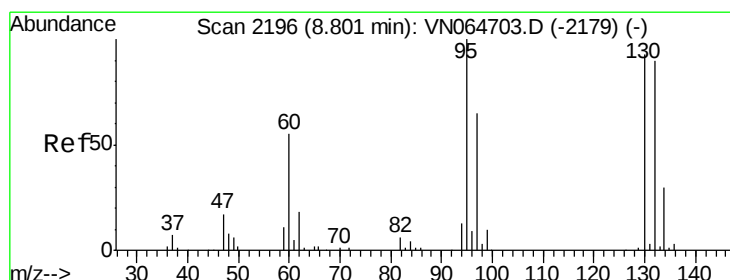
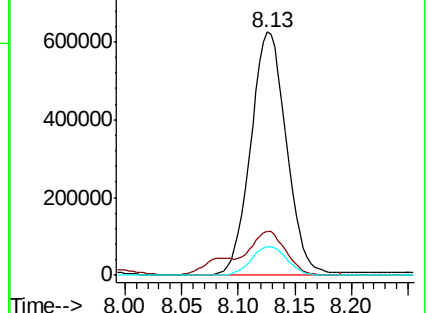
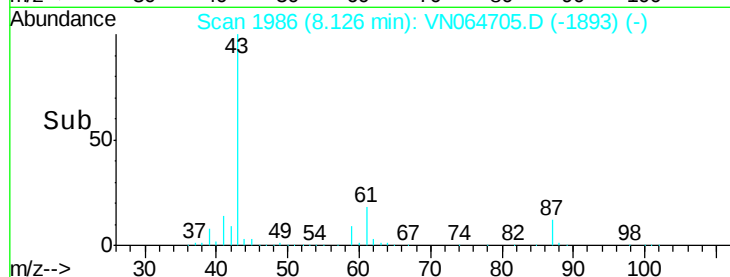
87 12.0 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064705.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064705.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064705.D (-1893) (-)



#44

Trichloroethene

Concen: 161.019 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064705.D

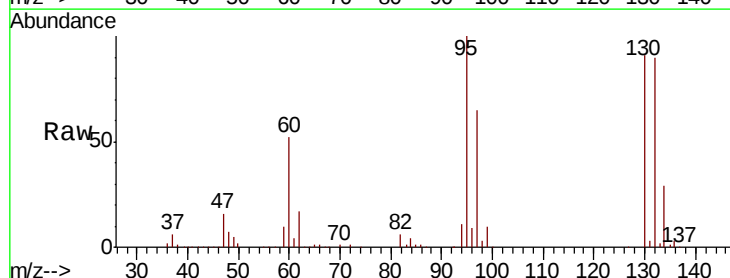
Acq: 18 Nov 2020 13:49

Tgt Ion:130 Resp: 648912

Ion Ratio Lower Upper

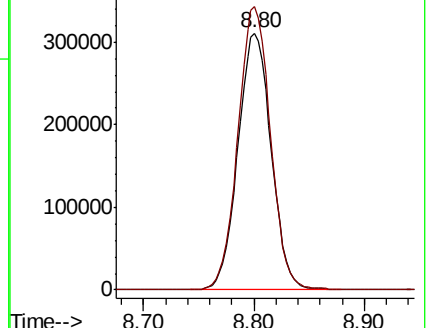
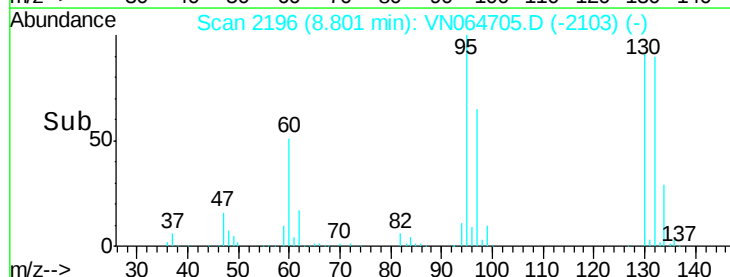
130 100

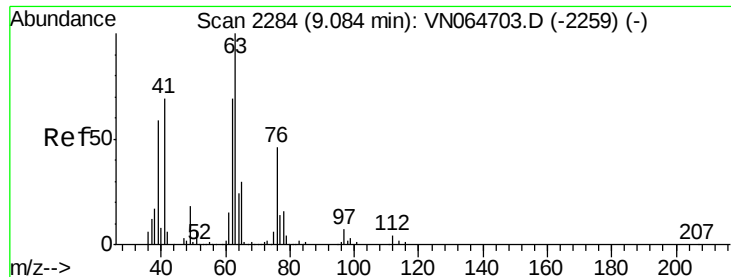
95 110.1 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064705.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064705.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 151.564 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

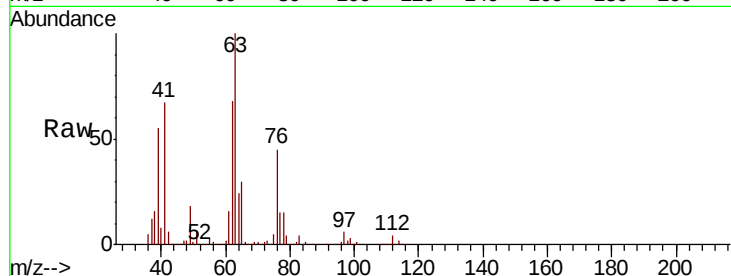
VSTDIC150

Tot Ion: 63 Resp: 636886

Ion Ratio Lower Upper

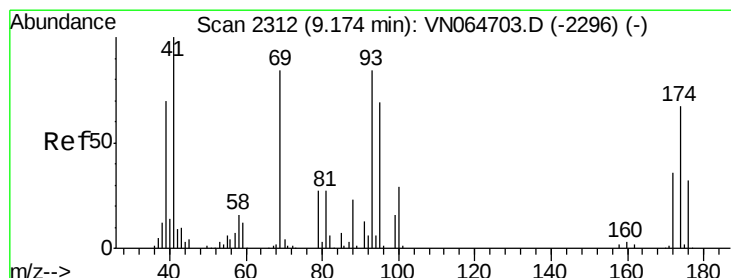
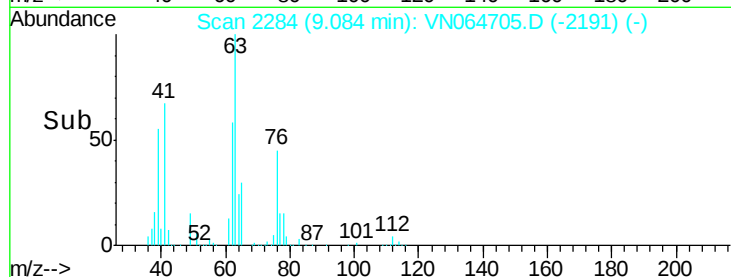
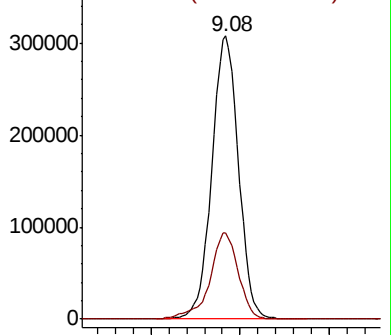
63 100

65 30.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 159.456 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

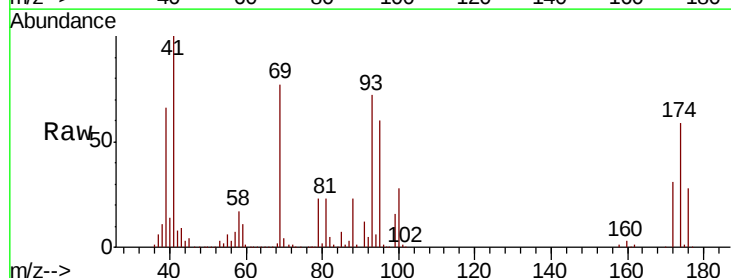
Tgt Ion: 93 Resp: 448157

Ion Ratio Lower Upper

93 100

95 82.9 64.6 97.0

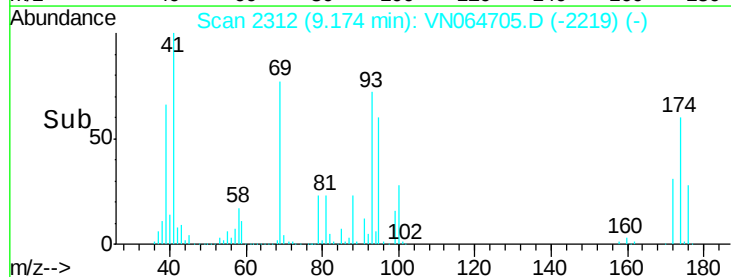
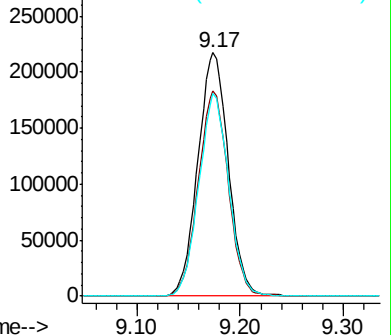
174 81.6 64.3 96.5

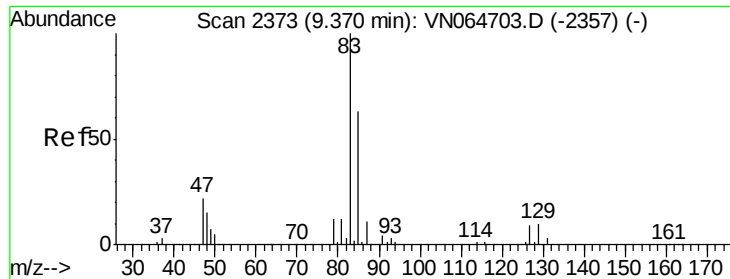


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 157.377 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

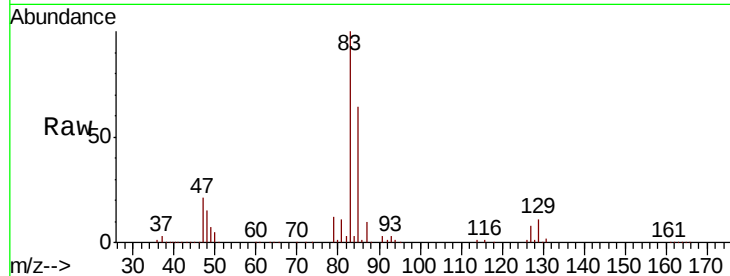
Tot Ion: 83 Resp: 945883

Ion Ratio Lower Upper

83 100

85 64.2 50.8 76.2

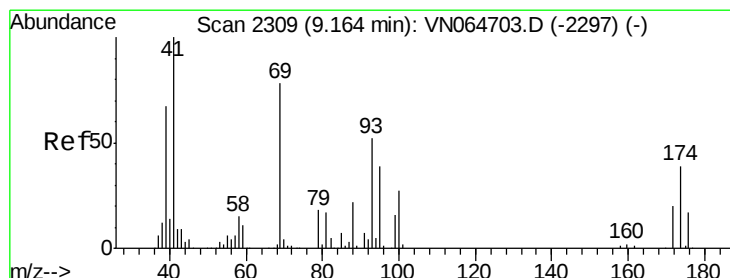
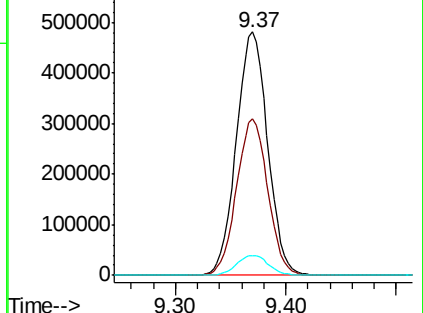
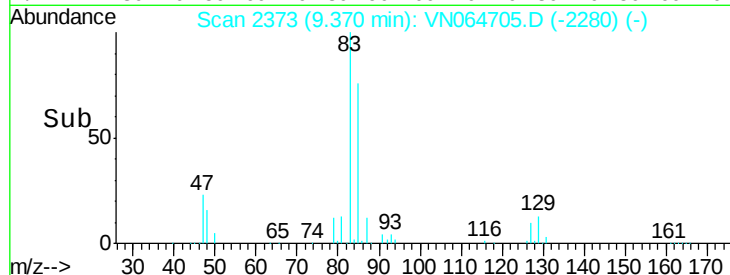
127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064705.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064705.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064705.D (-2280) (-)



#48

Methyl methacrylate

Concen: 153.868 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

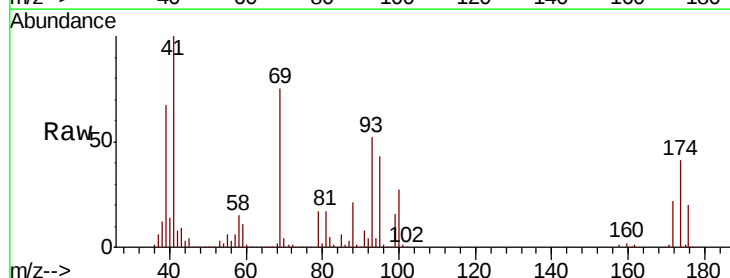
Tgt Ion: 41 Resp: 673474

Ion Ratio Lower Upper

41 100

69 78.1 62.3 93.5

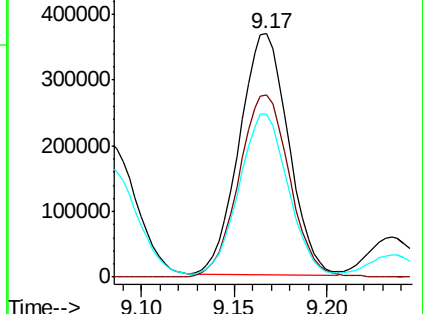
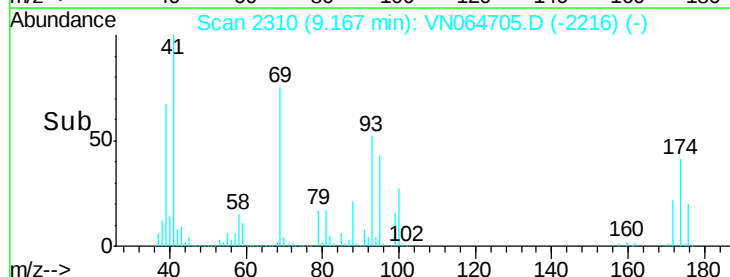
39 68.3 55.1 82.7

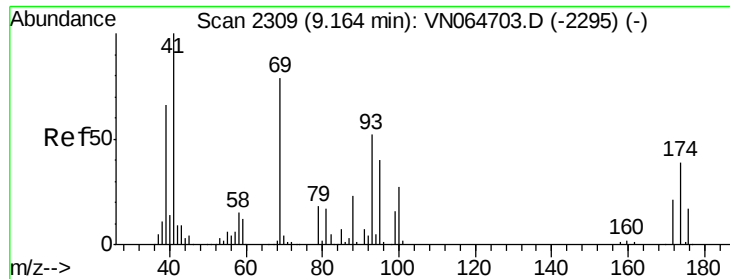


Abundance Ion 41.00 (40.70 to 41.70): VN064705.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064705.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064705.D (-2216) (-)





#49

1,4-Dioxane

Concen: 2814.459 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

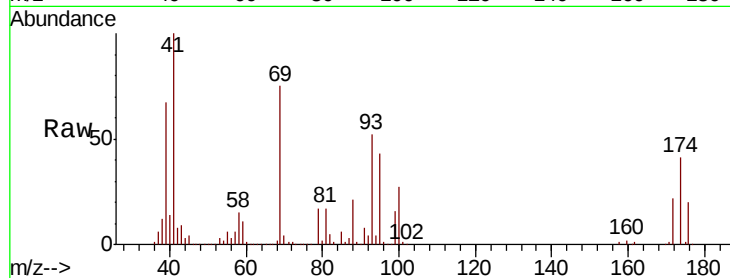
Tot Ion: 88 Resp: 159953

Ion Ratio Lower Upper

88 100

43 39.4 31.3 46.9

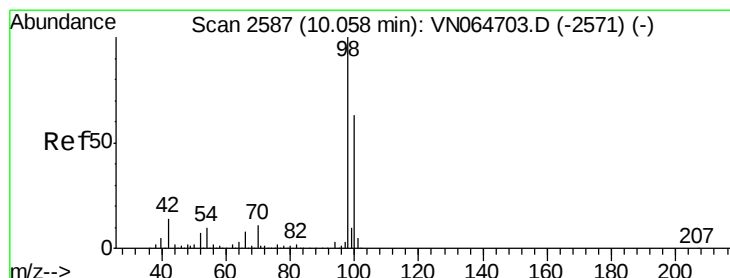
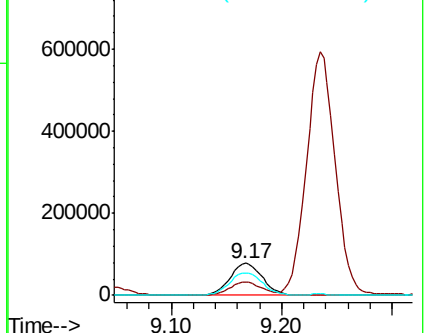
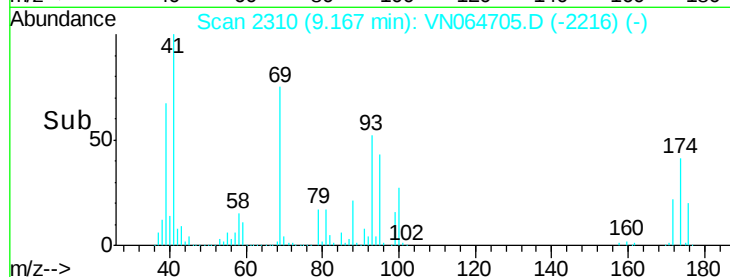
58 71.9 55.7 83.5



Abundance Ion 88.00 (87.70 to 88.70): VN064705.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064705.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064705.D (-2216) (-)



#50

Toluene-d8

Concen: 162.648 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064705.D

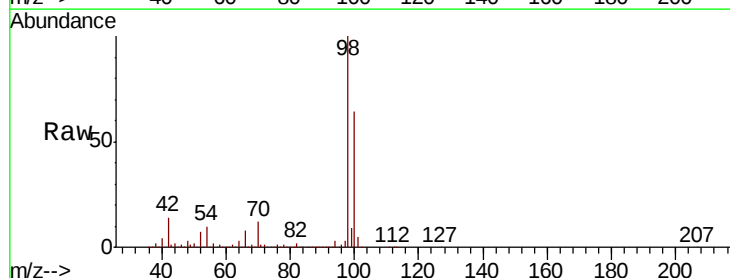
Acq: 18 Nov 2020 13:49

Tgt Ion: 98 Resp: 2214138

Ion Ratio Lower Upper

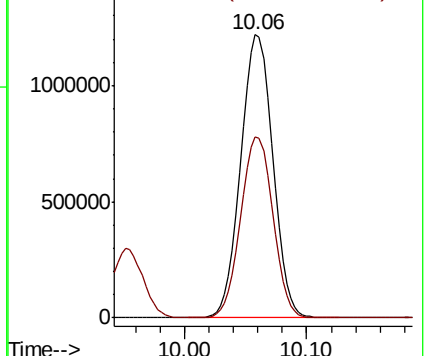
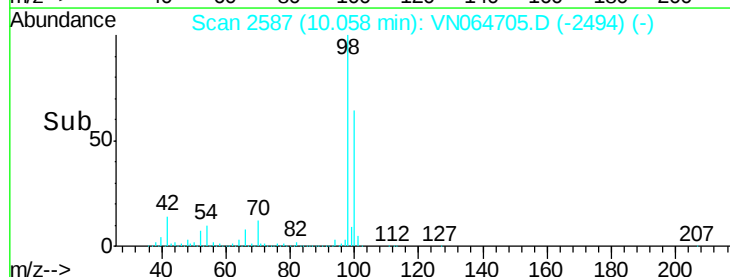
98 100

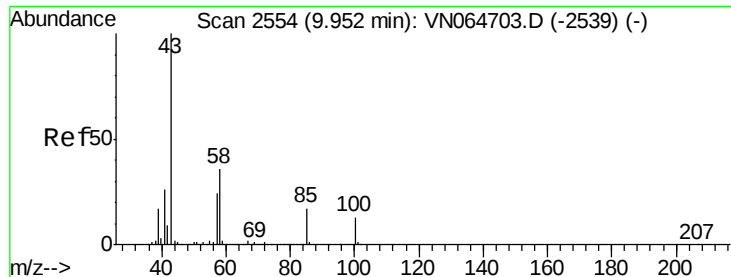
100 64.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN064705.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064705.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 777.289 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

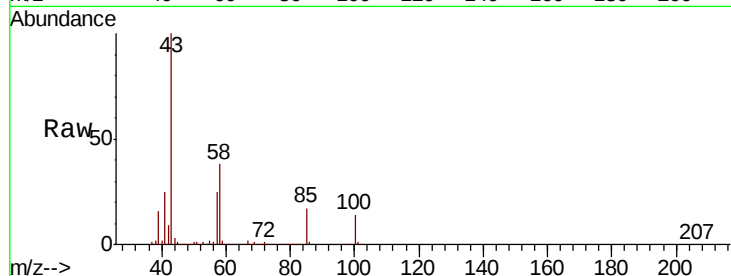
VSTDIC150

Tot Ion: 43 Resp: 3919103

Ion Ratio Lower Upper

43 100

58 37.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN064703.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064703.D (-2539) (-)

2500000

2000000

1500000

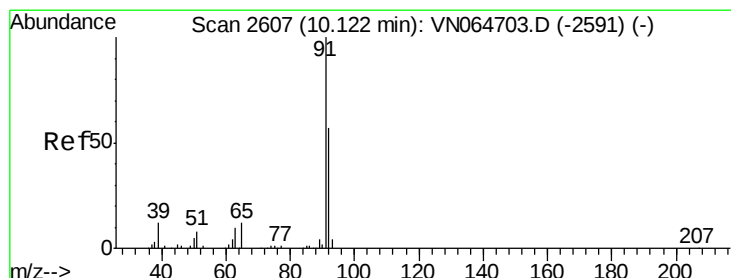
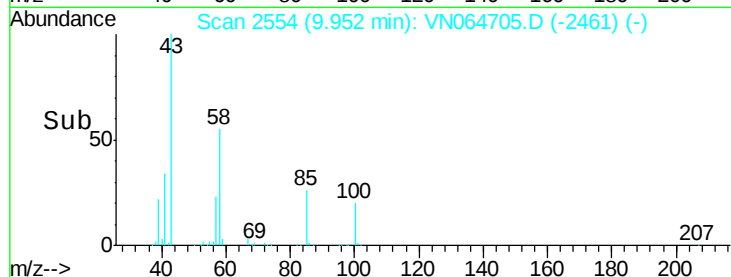
1000000

500000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 161.419 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064705.D

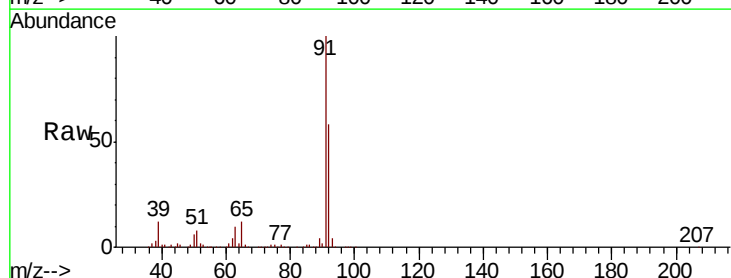
Acq: 18 Nov 2020 13:49

Tgt Ion: 92 Resp: 1556730

Ion Ratio Lower Upper

92 100

91 174.2 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064703.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064703.D (-2591) (-)

1500000

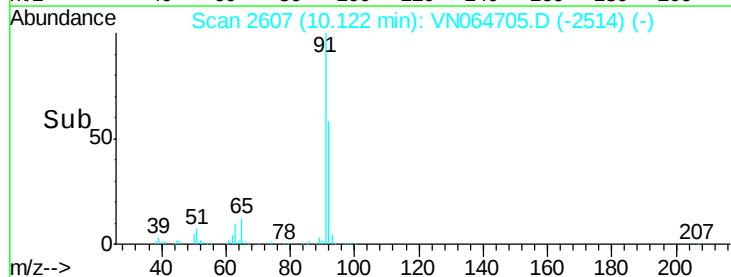
1000000

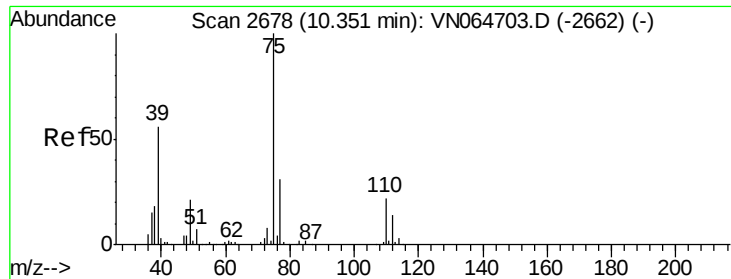
500000

0

10.10 10.12 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 170.578 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

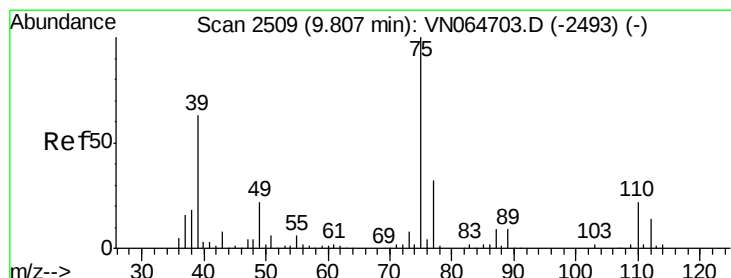
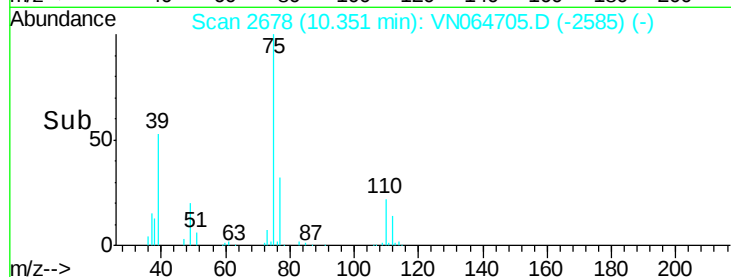
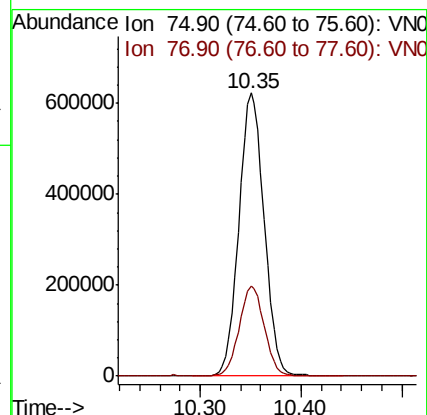
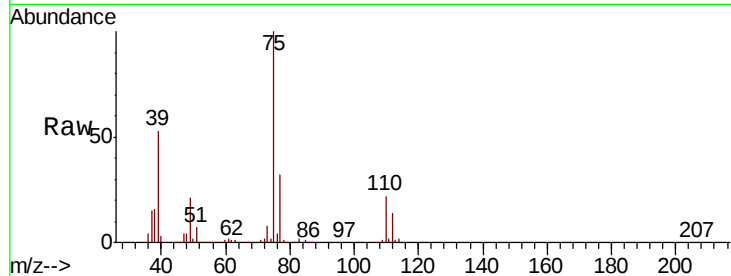
VSTDIC150

Tot Ion: 75 Resp: 1081609

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 165.375 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

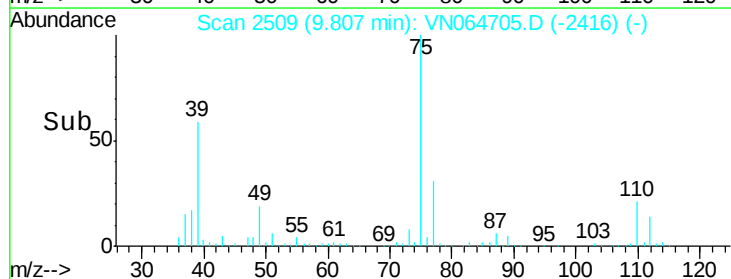
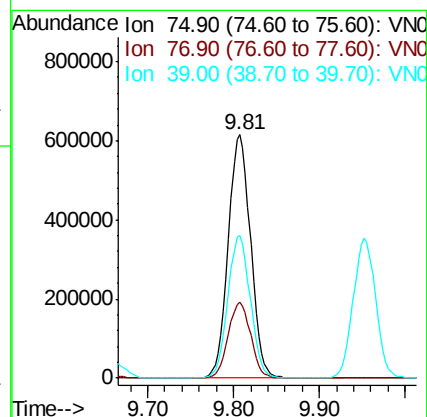
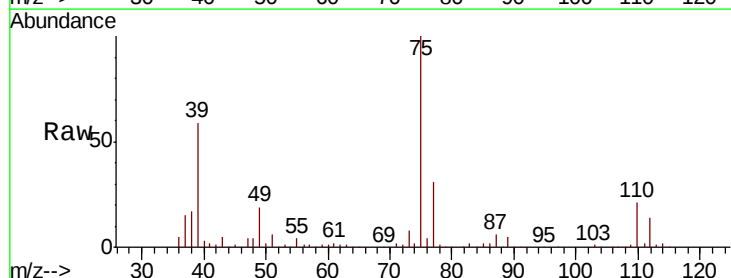
Tgt Ion: 75 Resp: 1115347

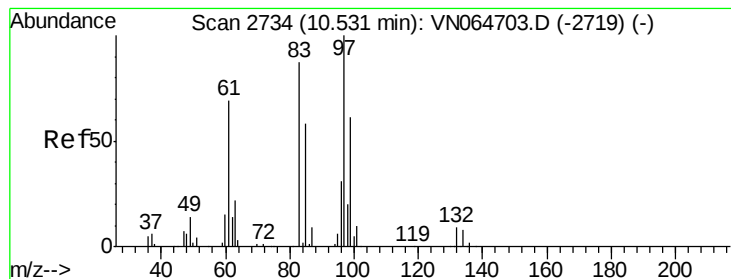
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8

39 58.6 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 156.879 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 97 Resp: 593084

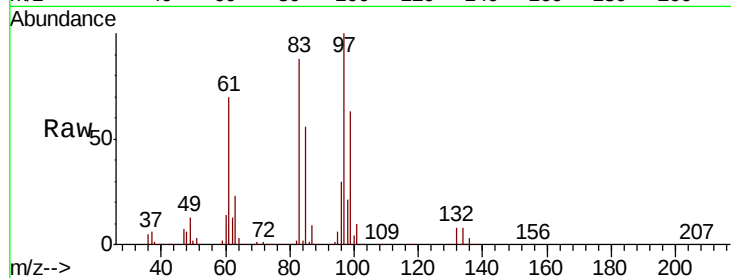
Ion Ratio Lower Upper

97 100

83 87.5 69.6 104.4

85 56.1 46.6 70.0

99 63.0 48.9 73.3



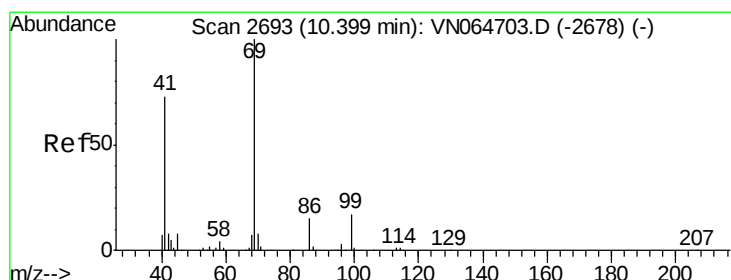
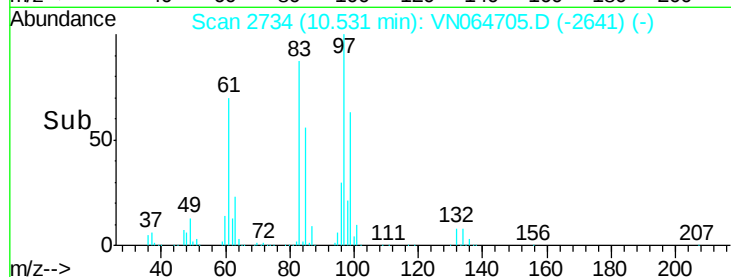
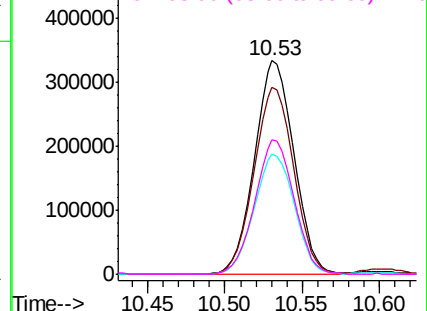
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 171.441 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

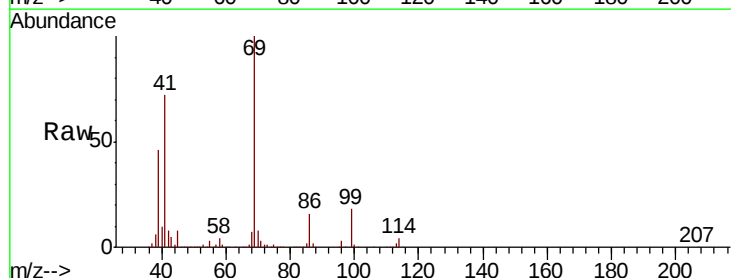
Tgt Ion: 69 Resp: 934346

Ion Ratio Lower Upper

69 100

41 72.3 59.0 88.4

39 46.0 38.4 57.6

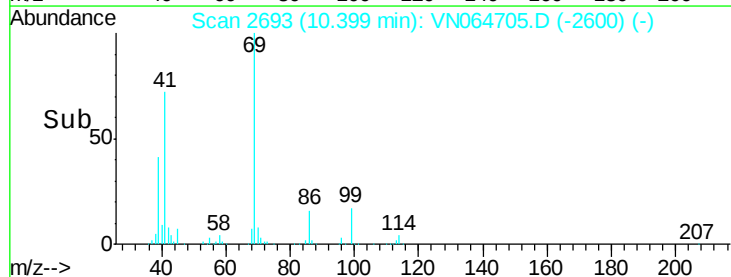
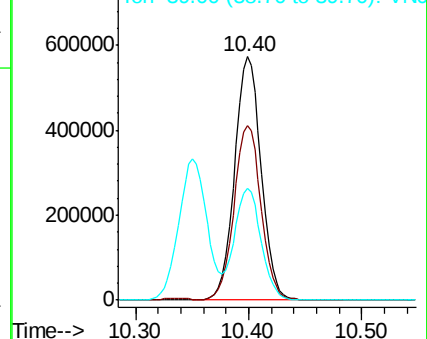


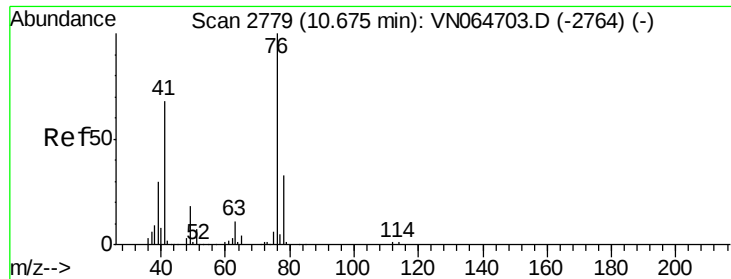
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

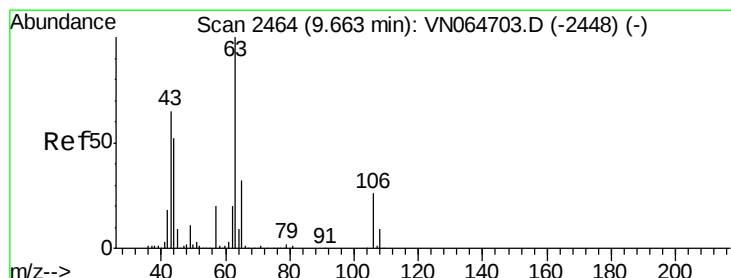
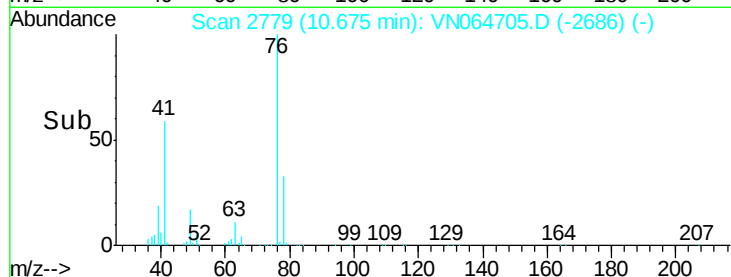
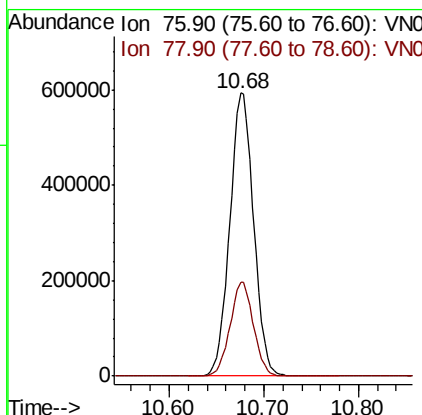
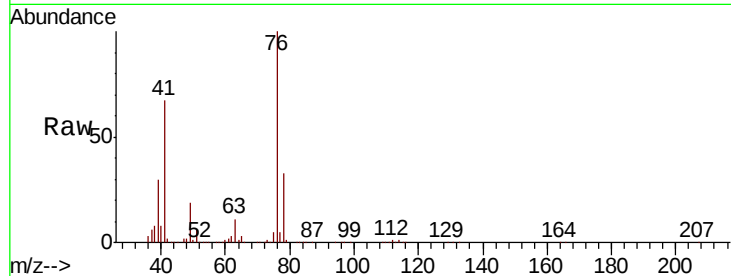




#57
 1,3-Dichloropropane
 Concen: 157.909 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

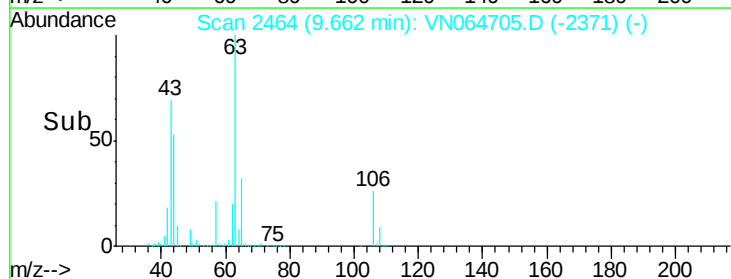
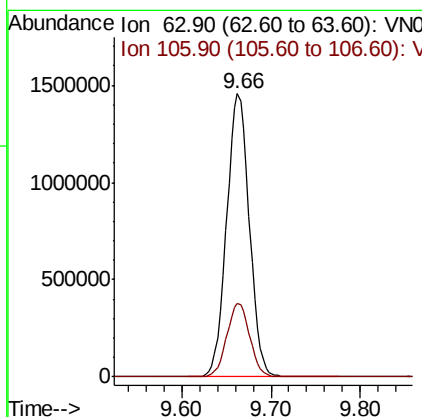
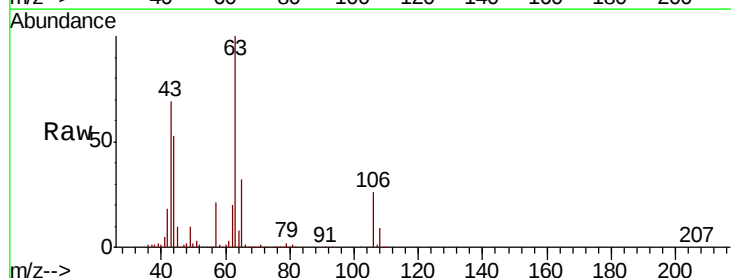
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

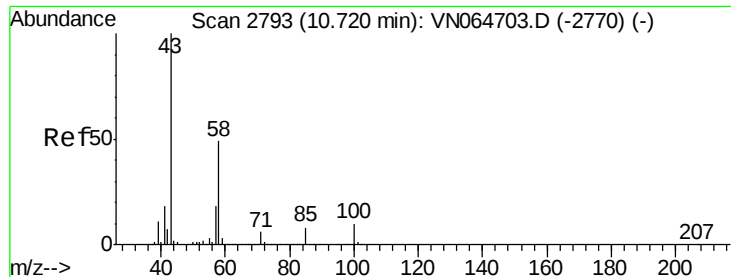
Tot Ion: 76 Resp: 1038454
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 933.997 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion: 63 Resp: 2565630
 Ion Ratio Lower Upper
 63 100
 106 26.2 20.9 31.3

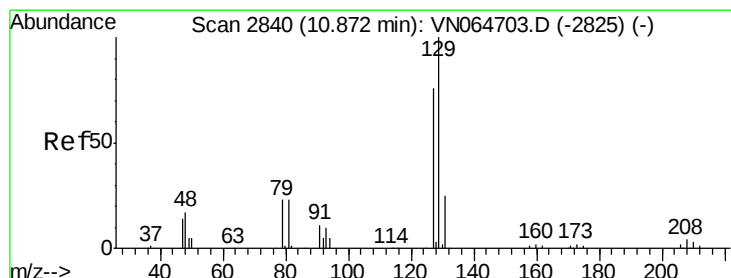
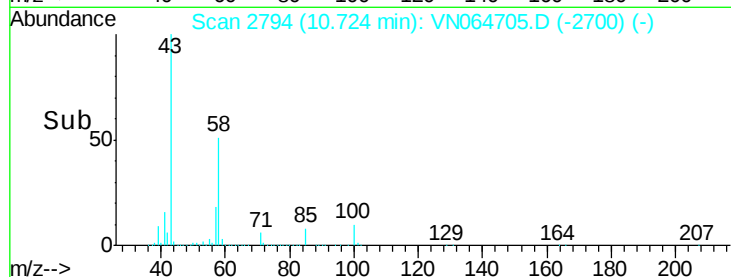
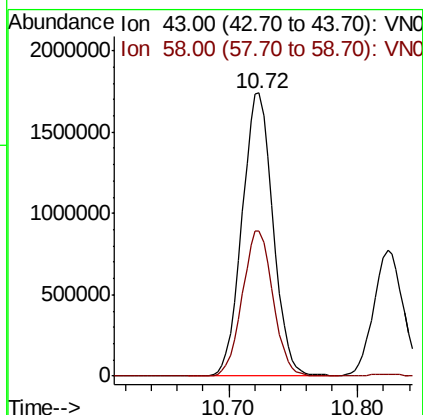
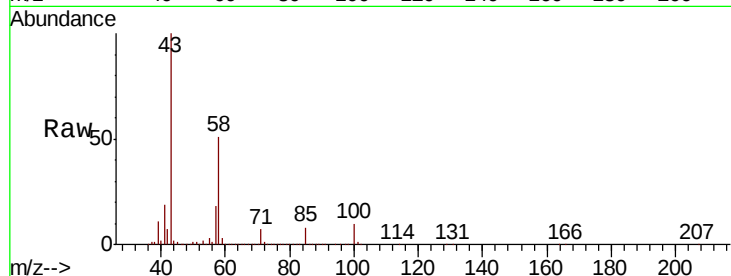




#59
2-Hexanone
Concen: 796.960 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

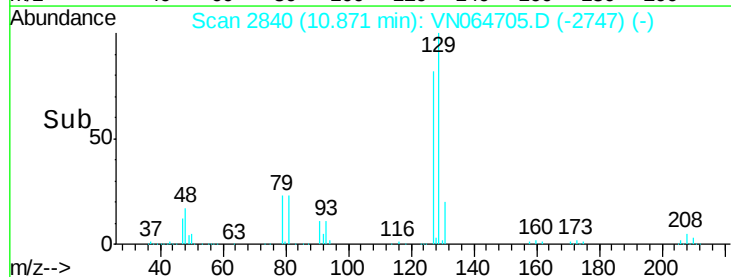
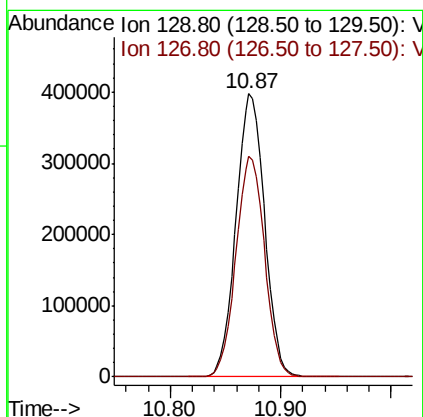
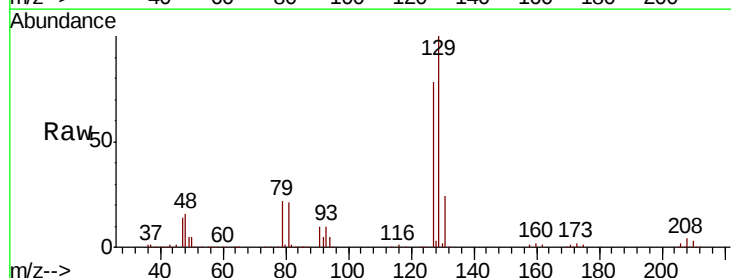
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

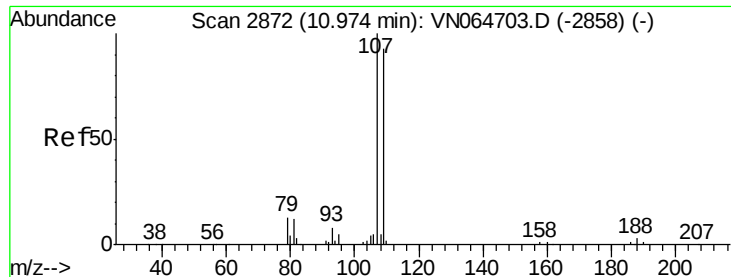
Tot Ion: 43 Resp: 2903858
Ion Ratio Lower Upper
43 100
58 51.0 24.4 73.4



#60
Dibromochloromethane
Concen: 168.685 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 129 Resp: 713674
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4

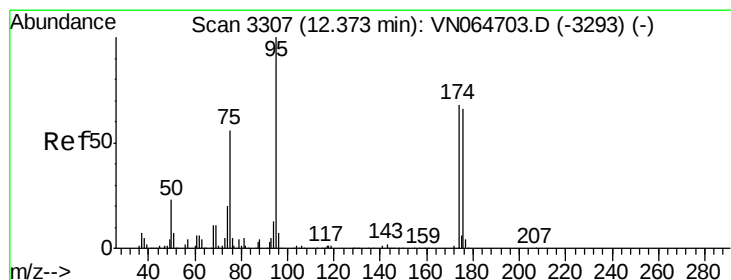
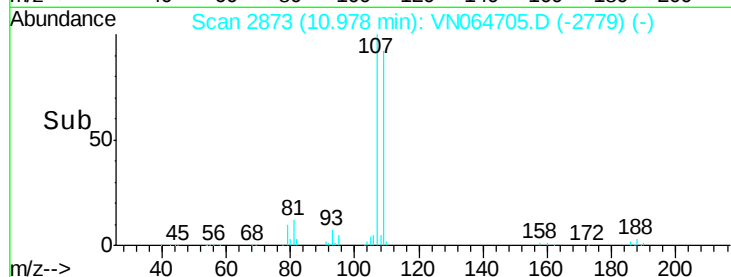
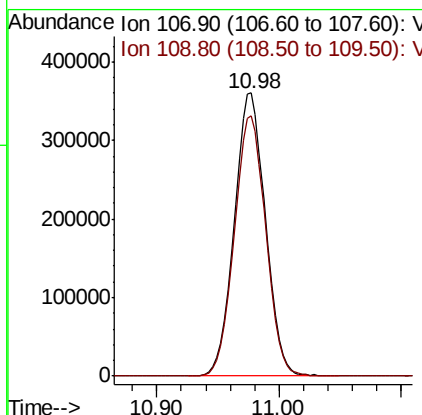
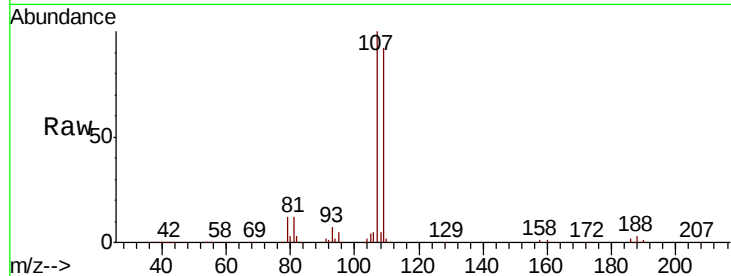




#61
 1,2-Dibromoethane
 Concen: 165.283 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

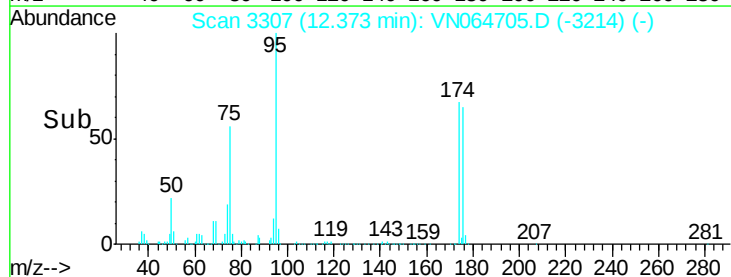
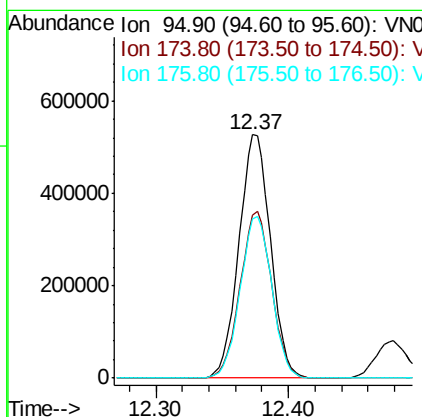
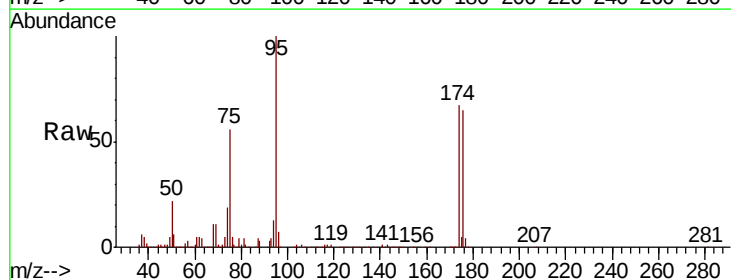
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

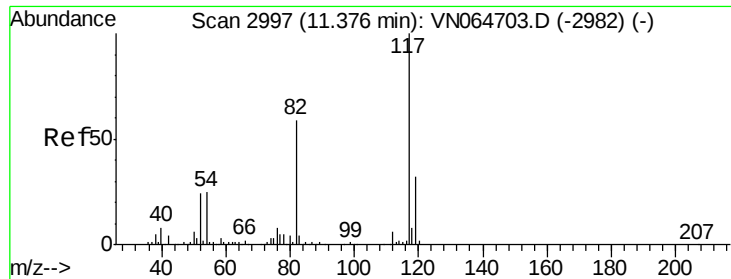
Tot Ion:107 Resp: 634690
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 169.836 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion: 95 Resp: 870610
 Ion Ratio Lower Upper
 95 100
 174 68.2 0.0 136.8
 176 66.2 0.0 134.2

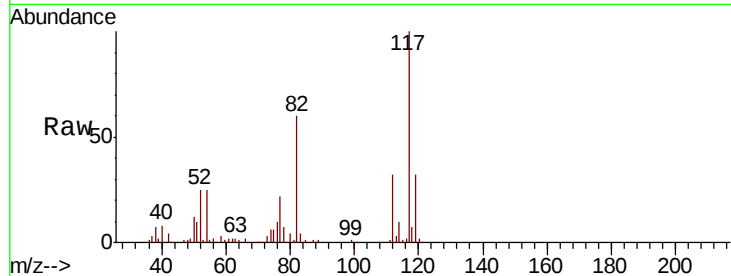




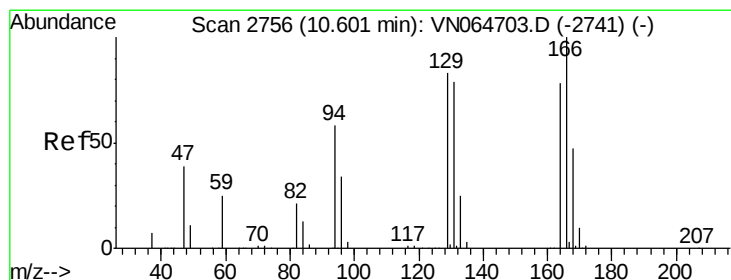
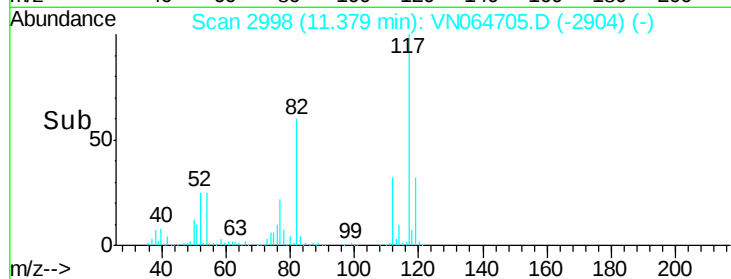
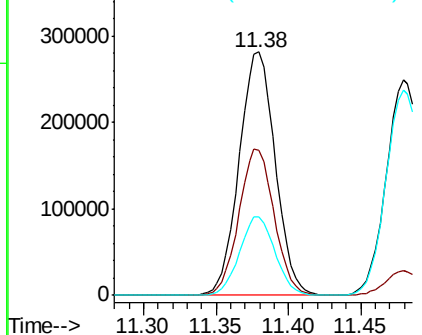
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 488294
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.6
119 32.2 25.4 38.2

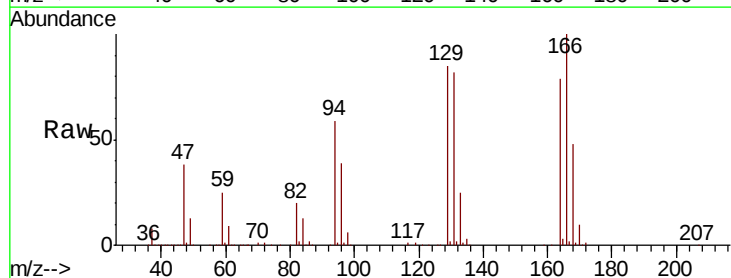


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

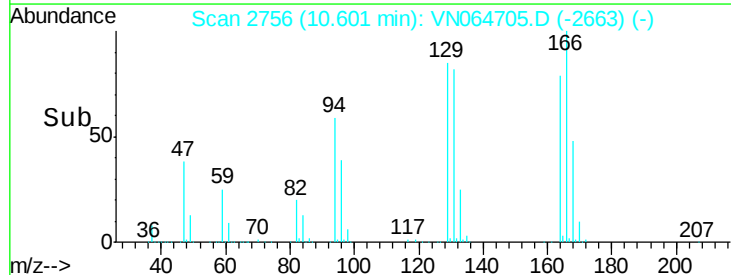
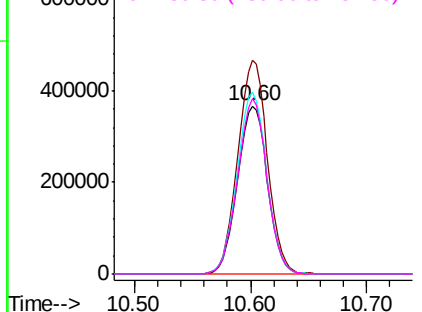


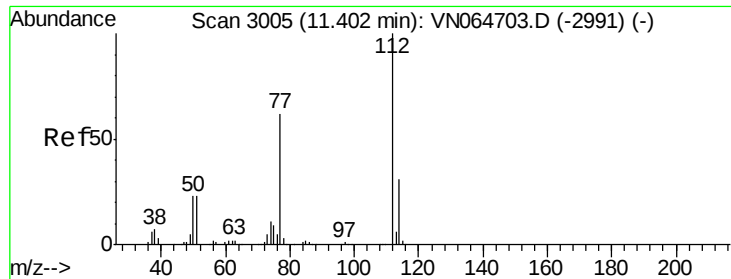
#64
Tetrachloroethene
Concen: 172.551 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion:164 Resp: 659335
Ion Ratio Lower Upper
164 100
166 127.2 102.2 153.4
129 108.0 84.7 127.1
131 104.2 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

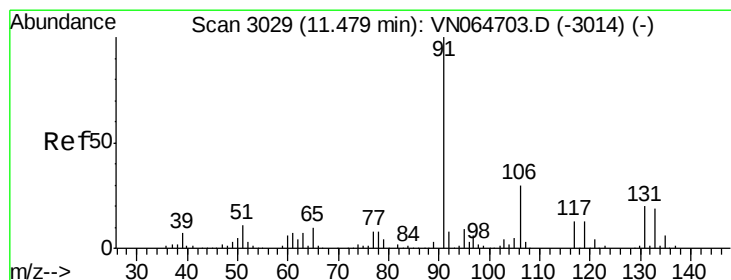
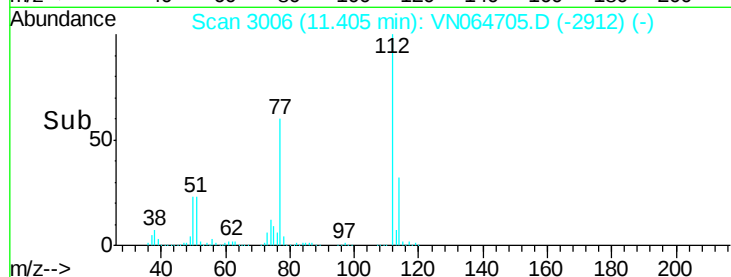
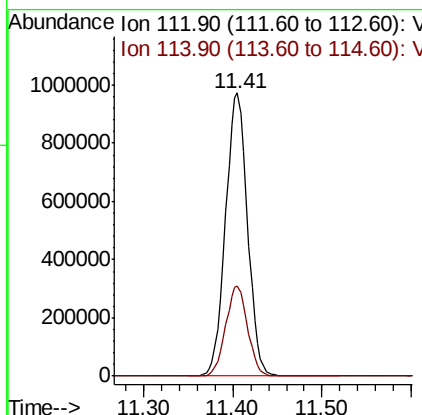
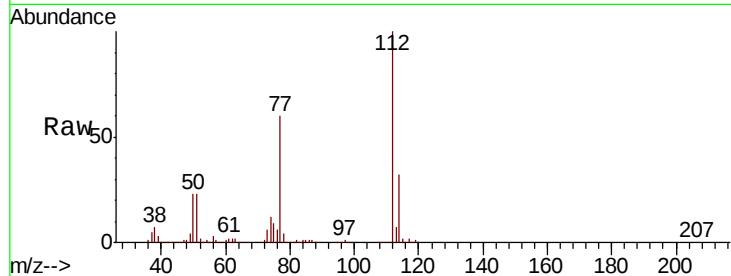




#65
Chlorobenzene
Concen: 156.469 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

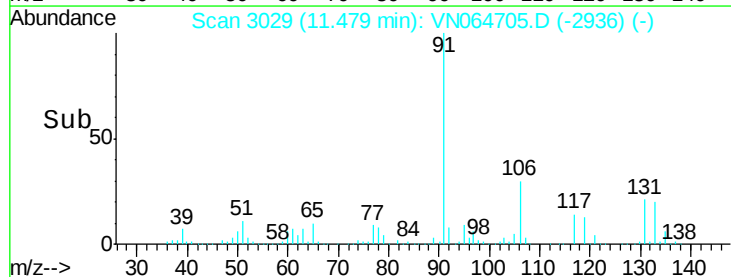
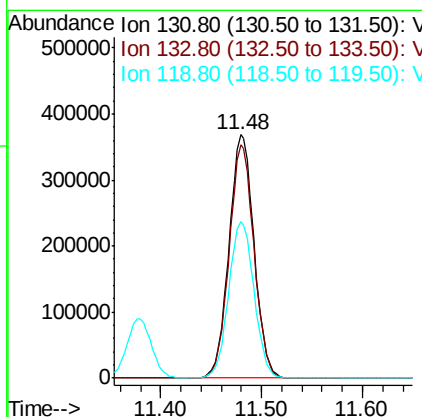
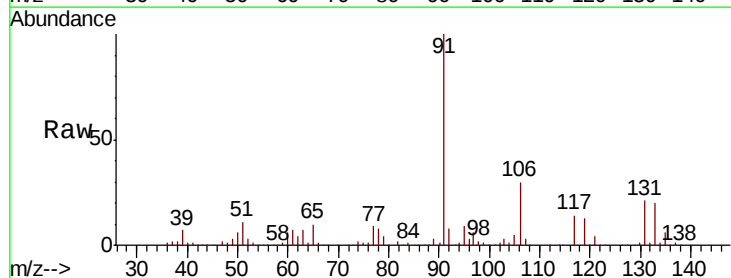
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

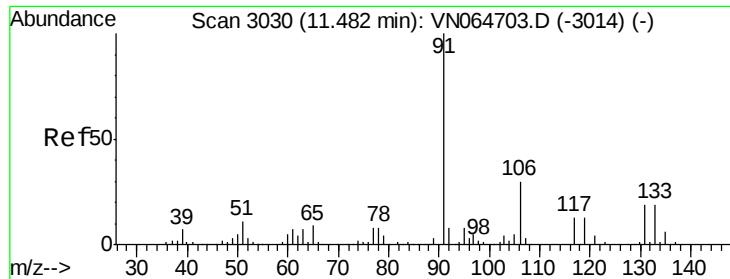
Tot Ion:112 Resp: 1654026
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 161.936 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion:131 Resp: 636325
Ion Ratio Lower Upper
131 100
133 95.2 48.8 146.4
119 65.2 33.5 100.4

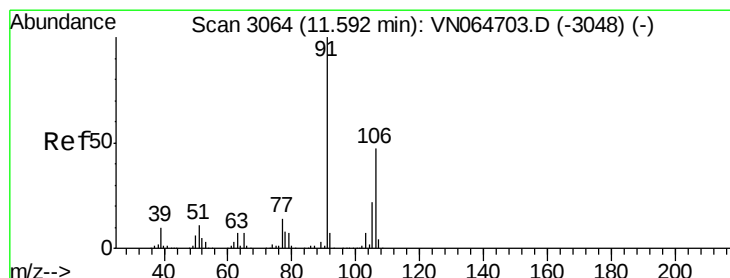
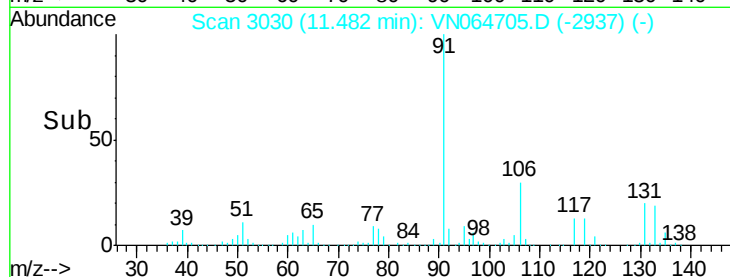
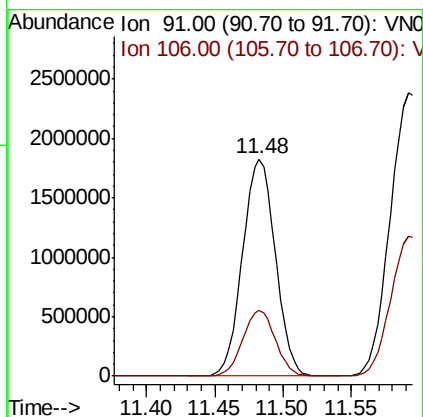
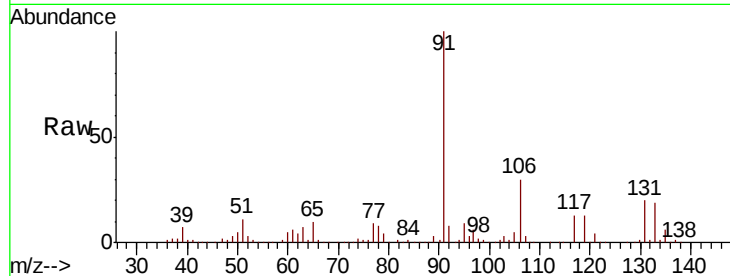




#67
Ethyl Benzene
Concen: 163.786 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

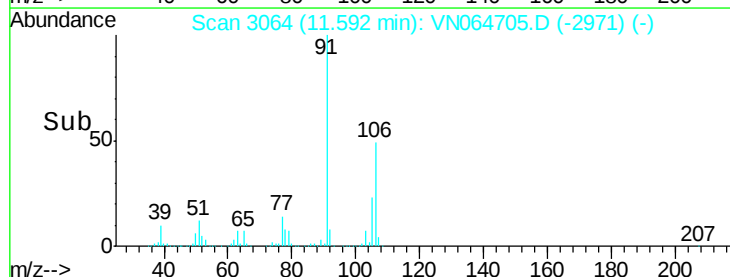
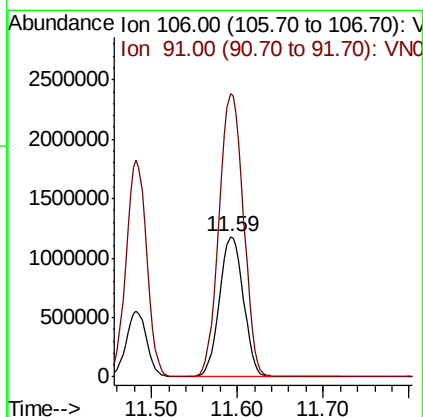
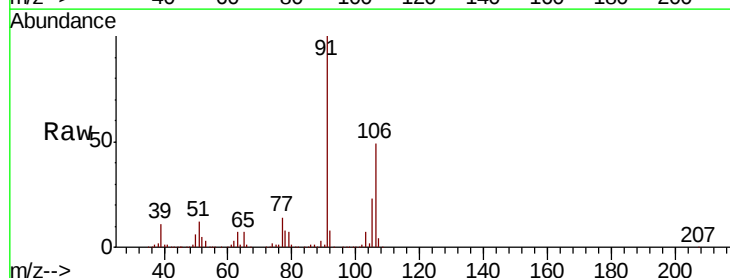
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

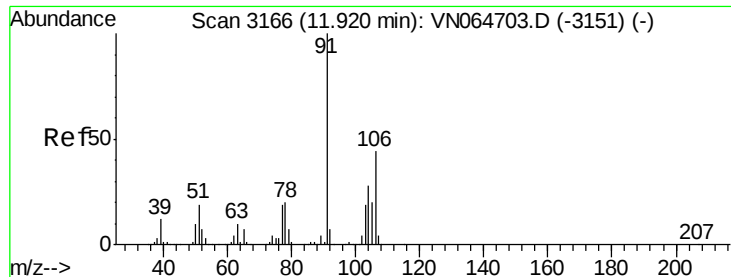
Tot Ion: 91 Resp: 3058718
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9



#68
m/p-Xylenes
Concen: 337.294 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion: 106 Resp: 2291305
Ion Ratio Lower Upper
106 100
91 206.0 171.9 257.9

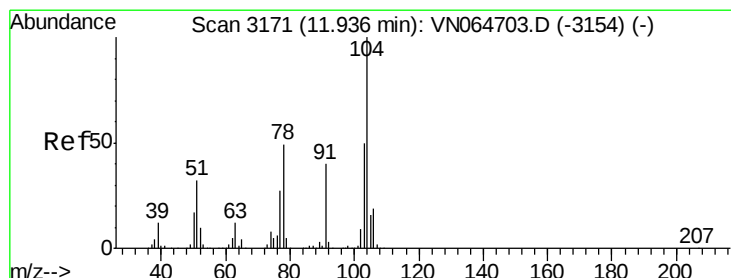
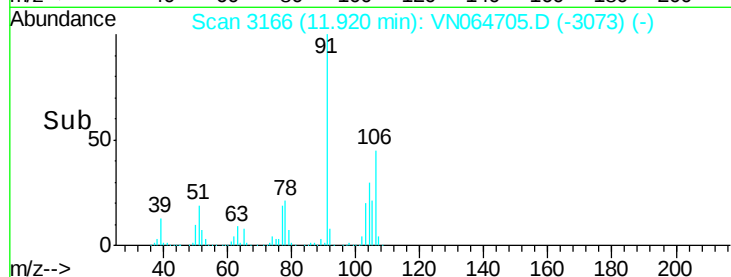
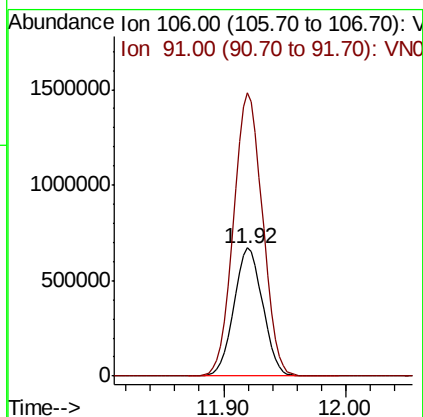
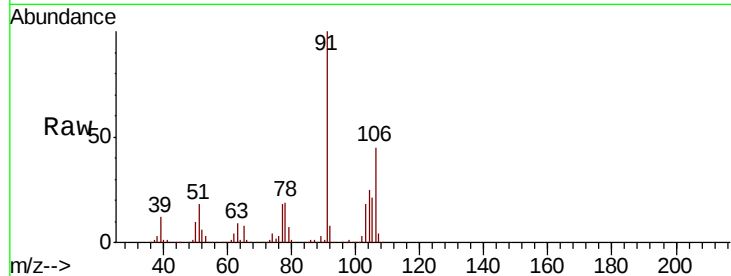




#69
o-Xylene
Concen: 168.135 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

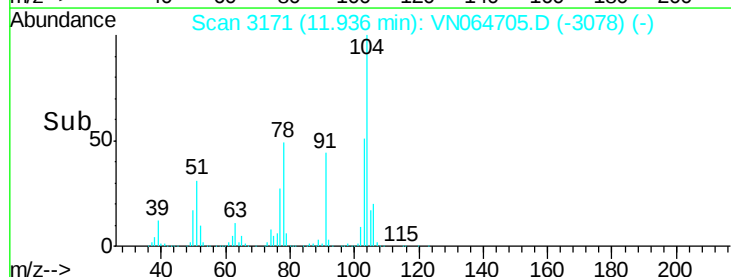
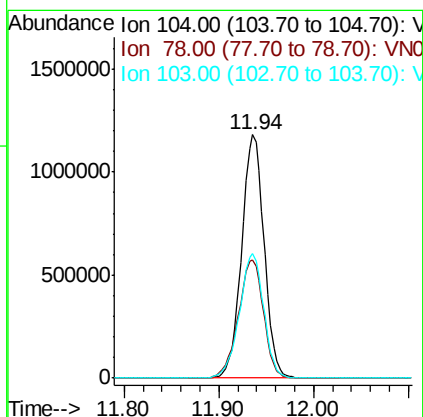
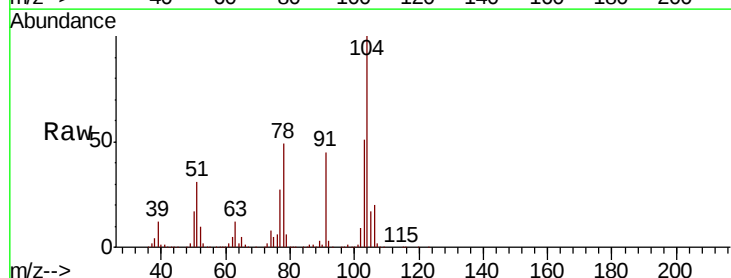
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

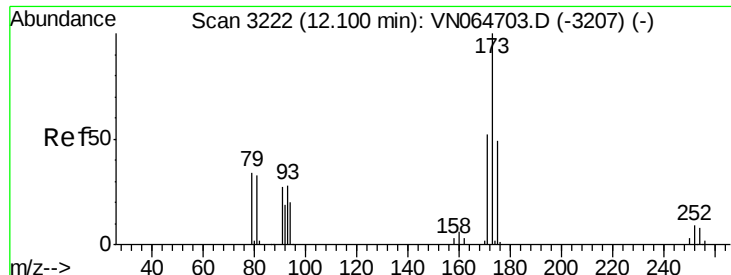
Tot Ion:106 Resp: 1102250
Ion Ratio Lower Upper
106 100
91 222.2 112.1 336.3



#70
Styrene
Concen: 175.582 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion:104 Resp: 1940357
Ion Ratio Lower Upper
104 100
78 54.4 44.1 66.1
103 55.5 43.7 65.5





#71

Bromoform

Concen: 177.289 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

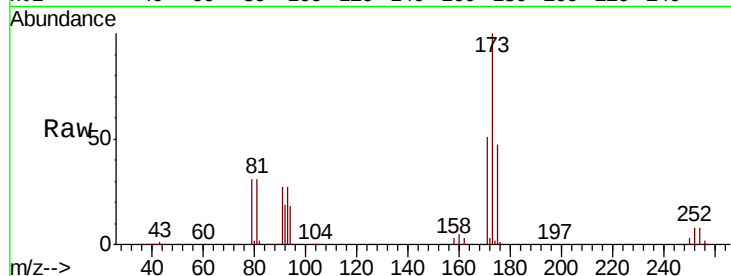
Tot Ion:173 Resp: 469334

Ion Ratio Lower Upper

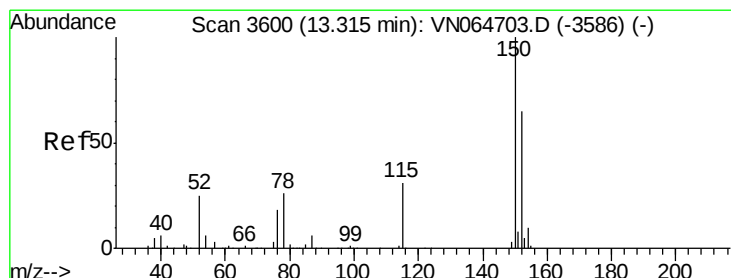
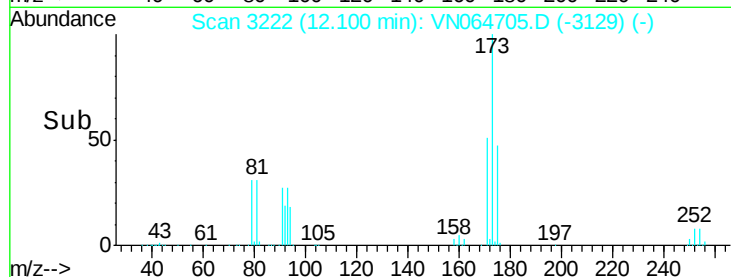
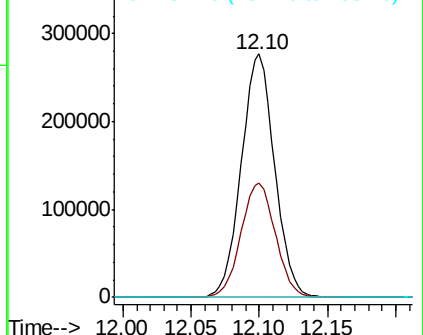
173 100

175 48.6 24.3 72.9

254 0.1 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: VN064705.D

Acq: 18 Nov 2020 13:49

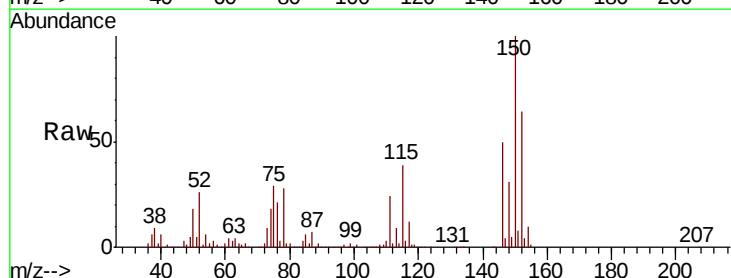
Tgt Ion:152 Resp: 262395

Ion Ratio Lower Upper

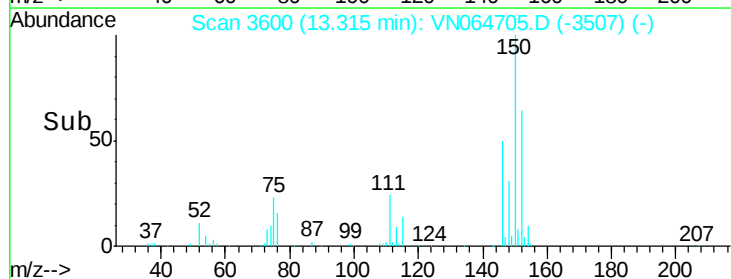
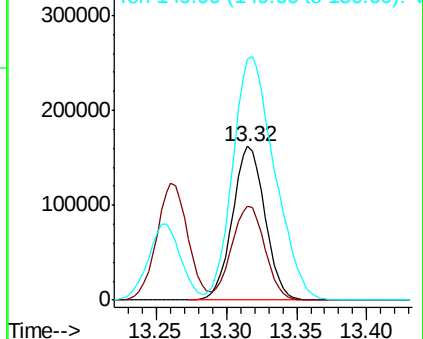
152 100

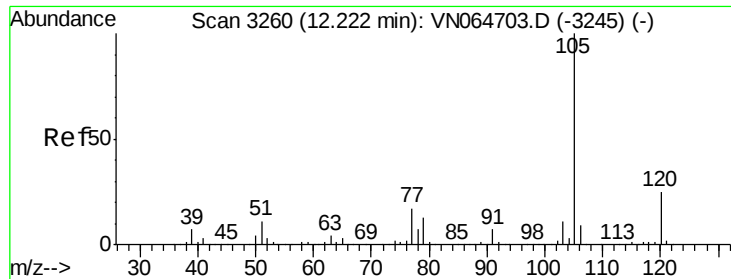
115 62.6 32.1 96.3

150 202.3 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: 142.305 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

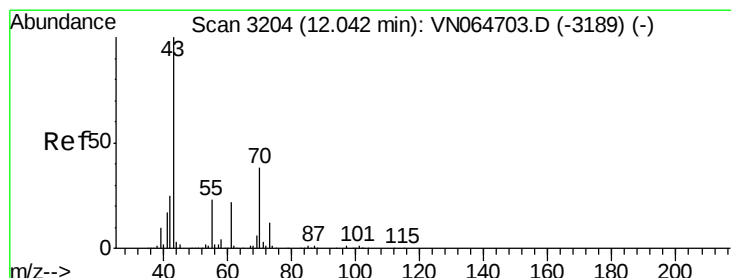
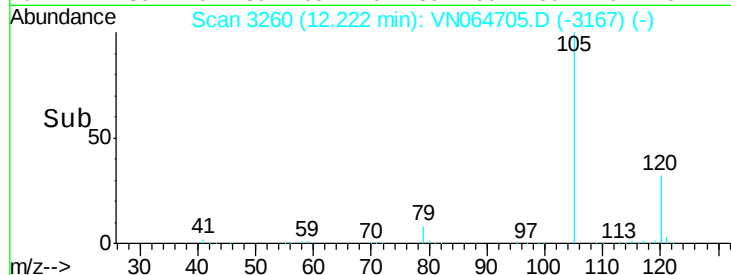
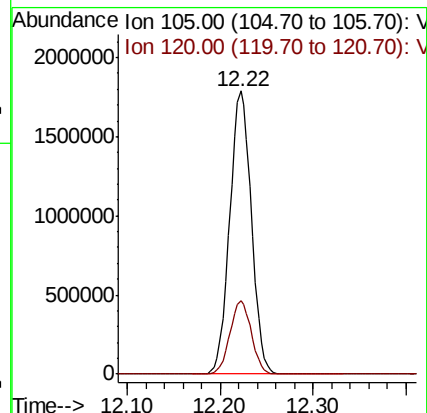
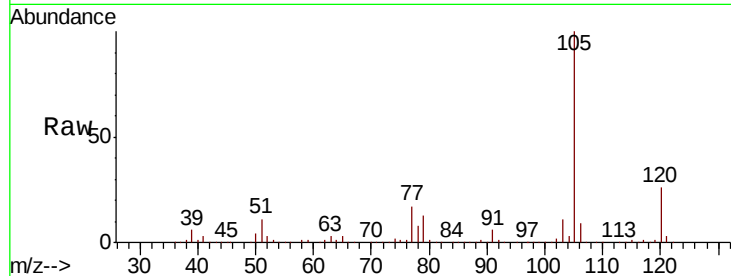
VSTDIC150

Tot Ion:105 Resp: 2890460

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 156.398 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Tgt Ion: 43 Resp: 1387081

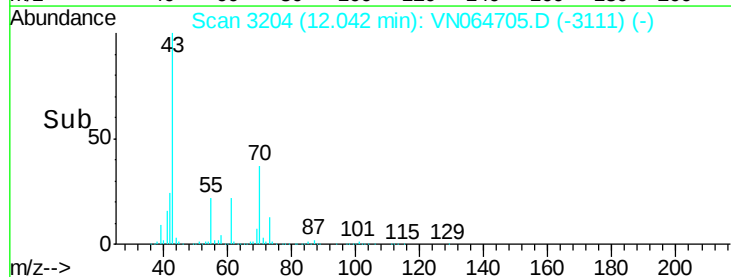
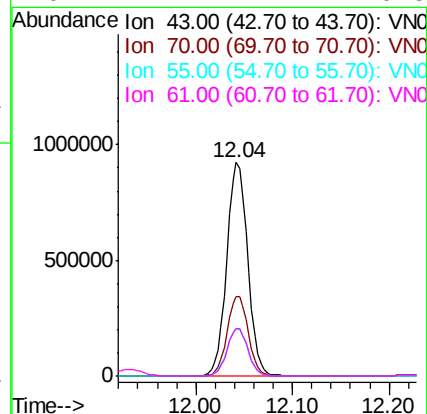
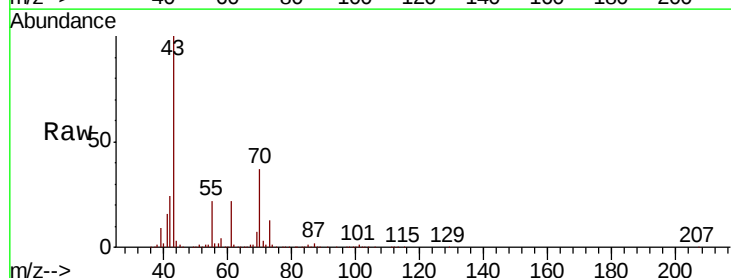
Ion Ratio Lower Upper

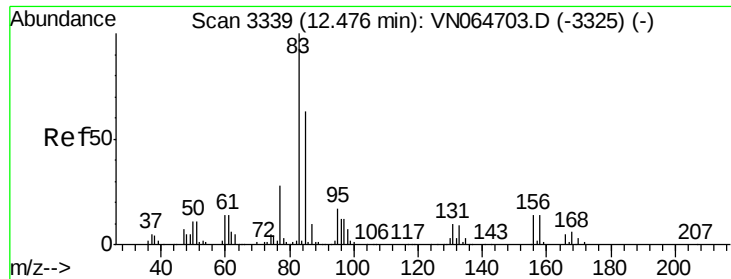
43 100

70 37.6 30.3 45.5

55 22.6 18.9 28.3

61 22.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 124.112 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

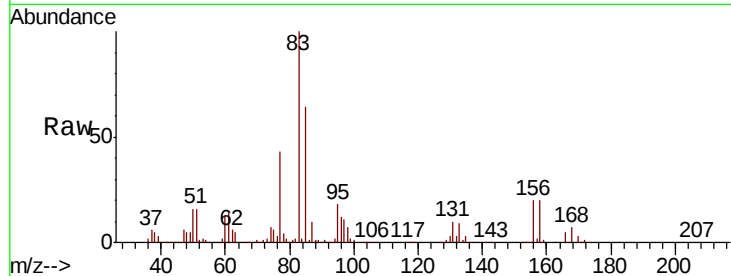
Tot Ion: 83 Resp: 767667

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

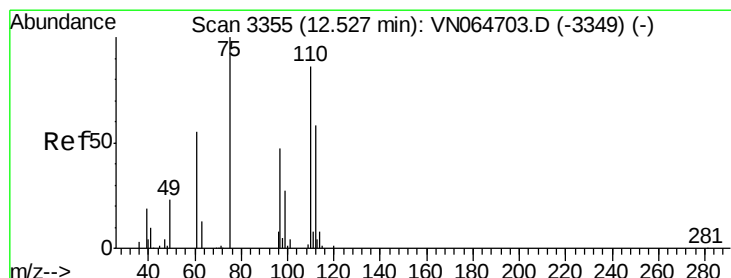
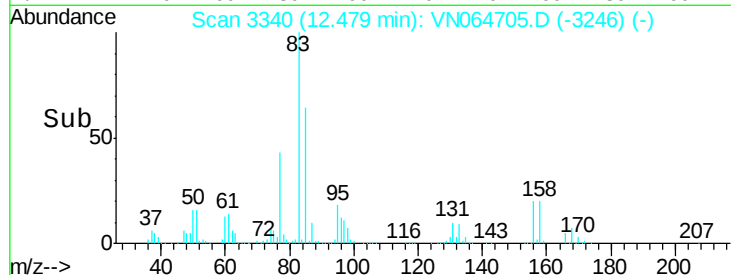
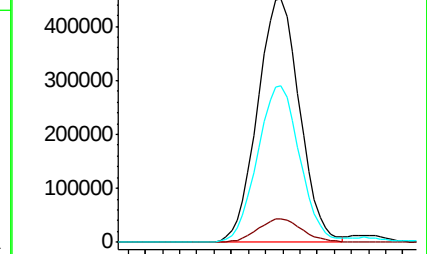
85 64.4 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN064705.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN064705.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN064705.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 199.885 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064705.D

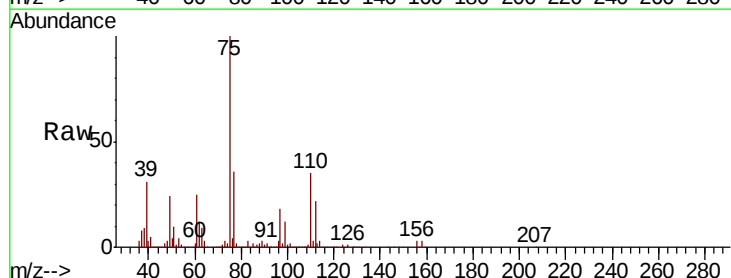
Acq: 18 Nov 2020 13:49

Tgt Ion: 75 Resp: 1239029

Ion Ratio Lower Upper

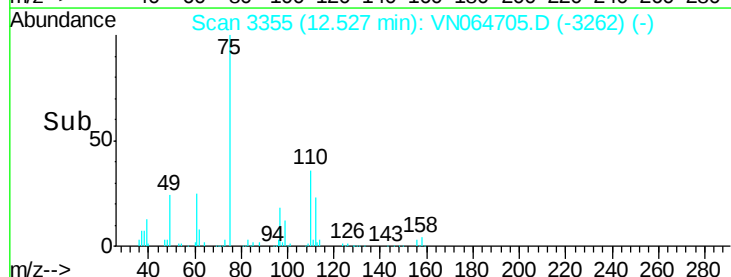
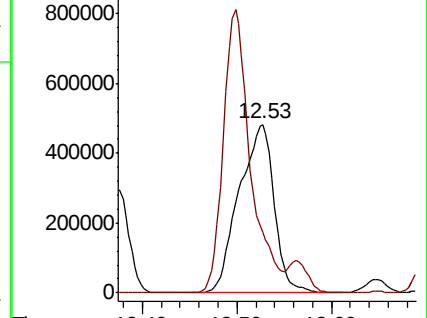
75 100

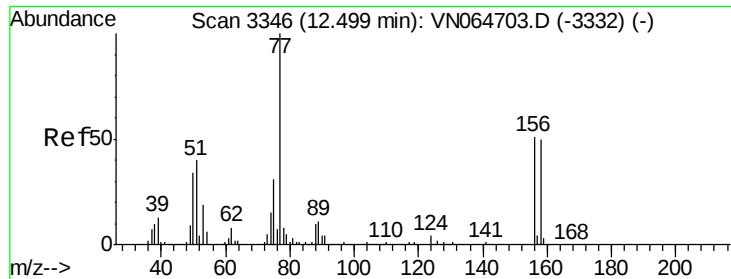
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064705.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064705.D (-3355) (-)





#77

Bromobenzene

Concen: 138.419 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

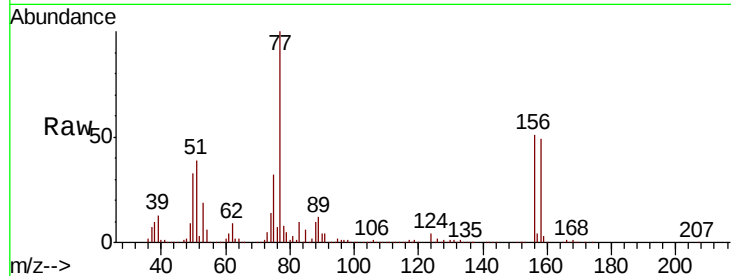
Tot Ion:156 Resp: 691338

Ion Ratio Lower Upper

156 100

77 234.9 117.3 351.9

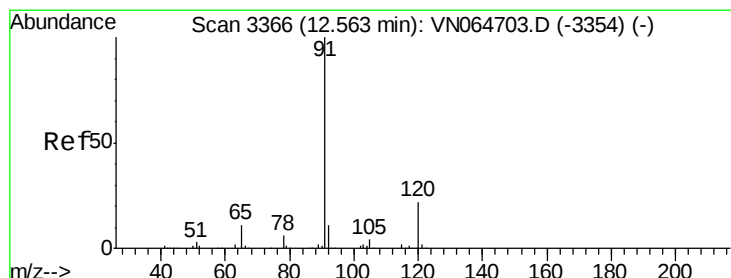
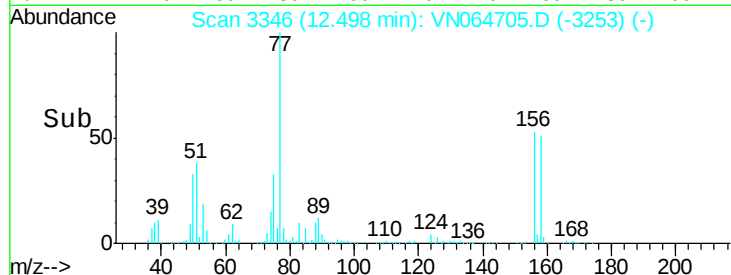
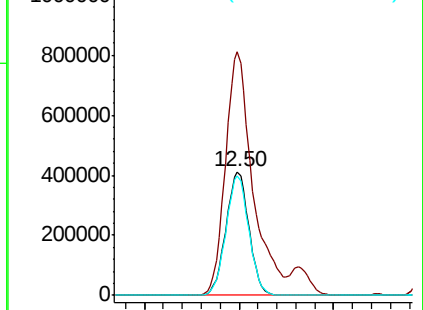
158 97.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 146.295 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064705.D

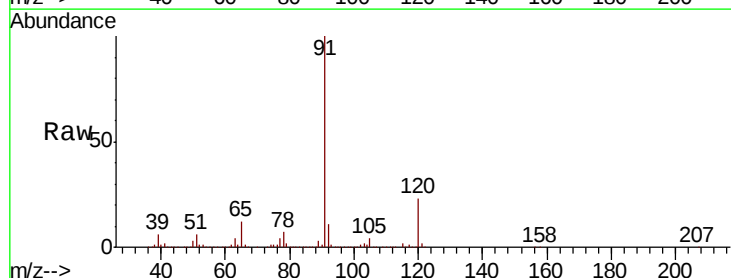
Acq: 18 Nov 2020 13:49

Tgt Ion: 91 Resp: 3394691

Ion Ratio Lower Upper

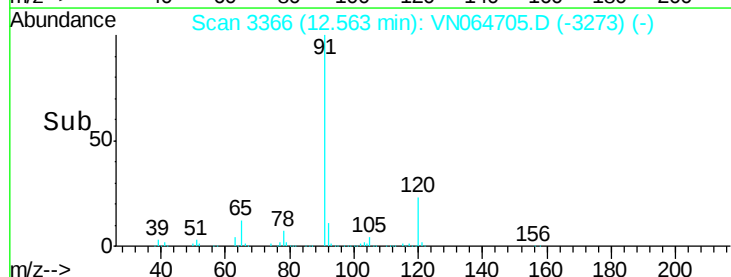
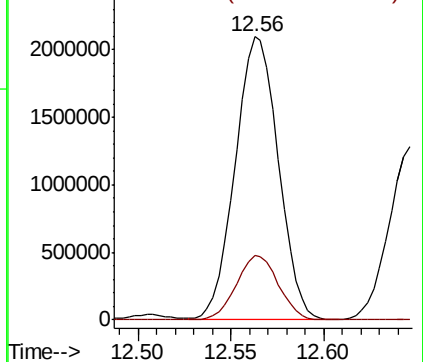
91 100

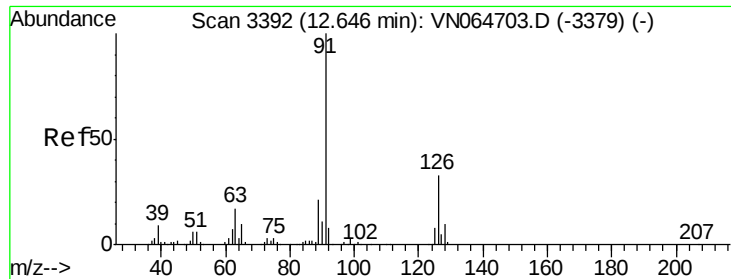
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

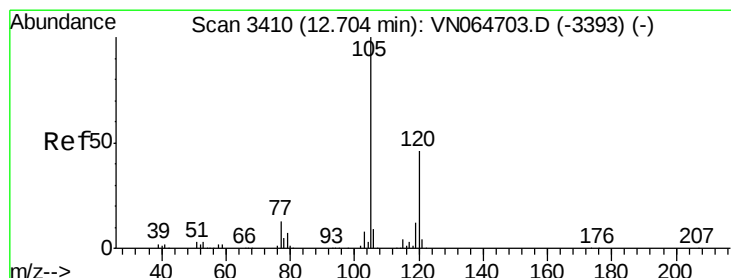
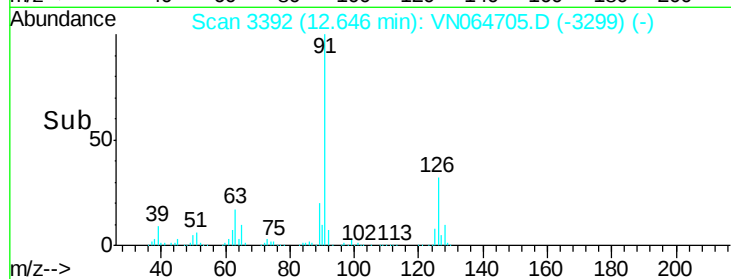
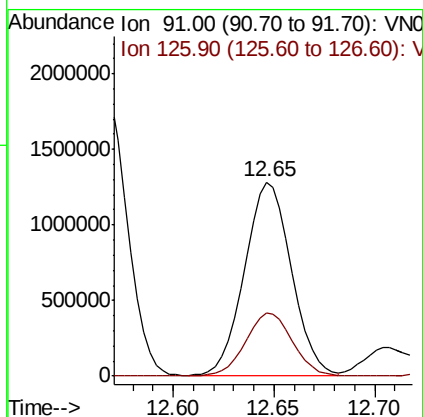
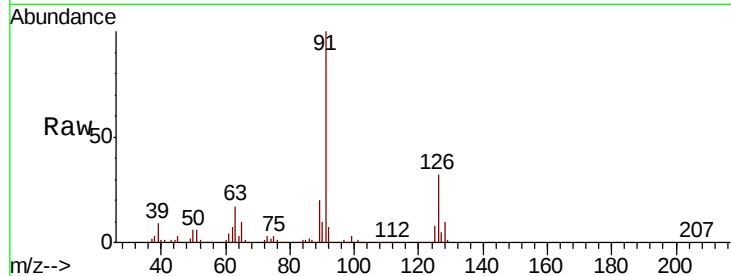




#79
 2-Chlorotoluene
 Concen: 141.515 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

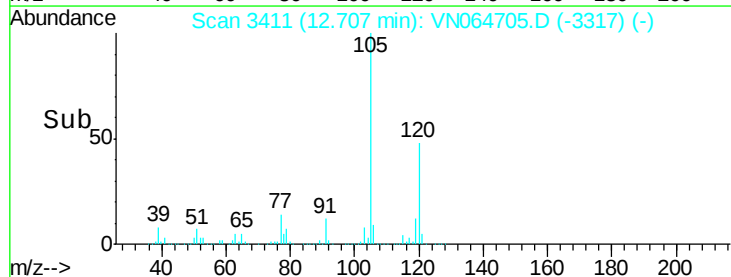
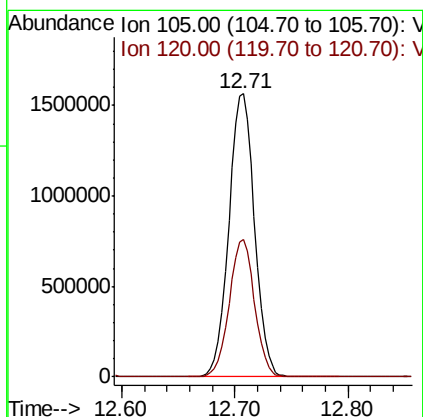
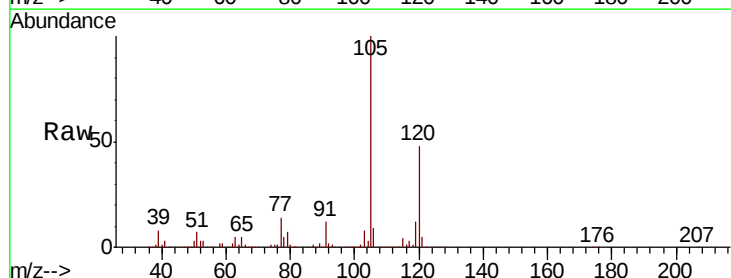
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

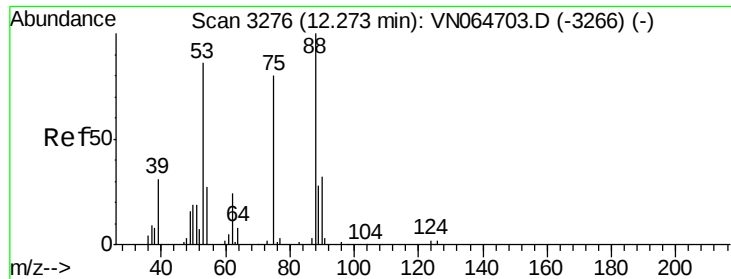
Tot Ion: 91 Resp: 2091646
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.0 48.0



#80
 1,3,5-Trimethylbenzene
 Concen: 146.374 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion: 105 Resp: 2462998
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 148.736 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

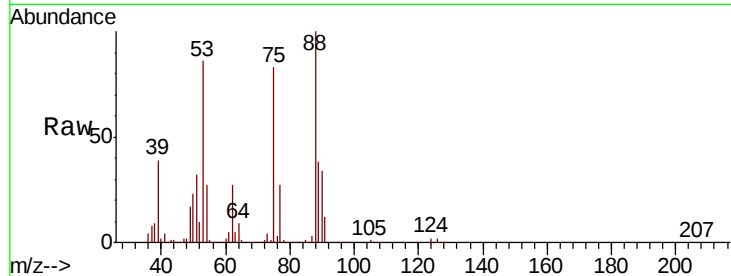
Tot Ion: 75 Resp: 328325

Ion Ratio Lower Upper

75 100

53 103.8 88.8 133.2

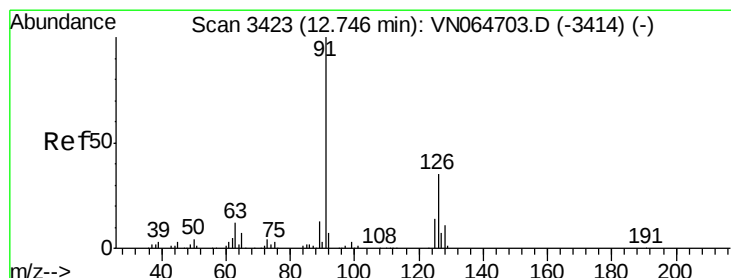
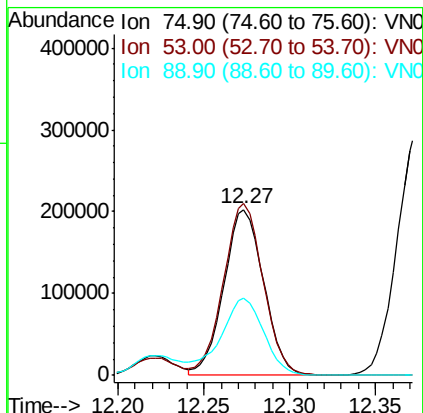
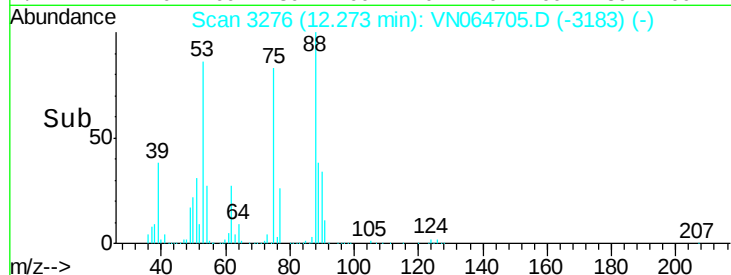
89 50.4 43.1 64.7



Abundance Ion 74.90 (74.60 to 75.60): VN064705.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064705.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064705.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 146.838 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064705.D

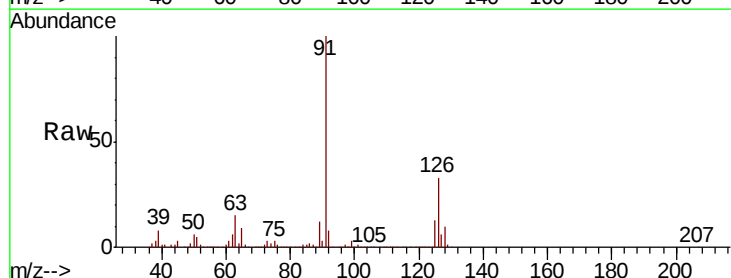
Acq: 18 Nov 2020 13:49

Tgt Ion: 91 Resp: 2271179

Ion Ratio Lower Upper

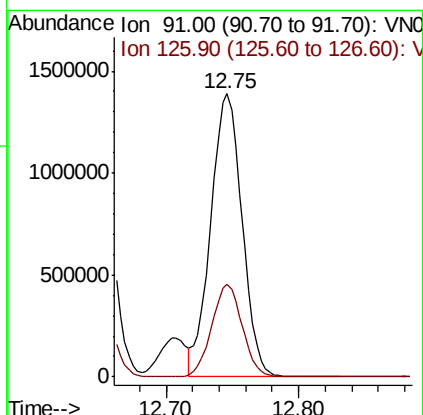
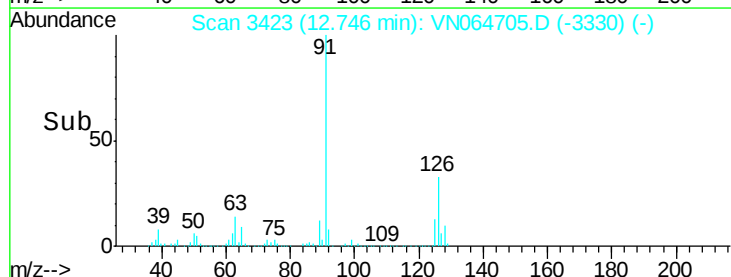
91 100

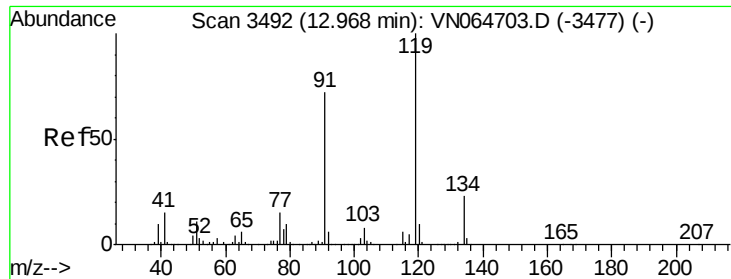
126 31.9 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN064705.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064705.D (-3330) (-)

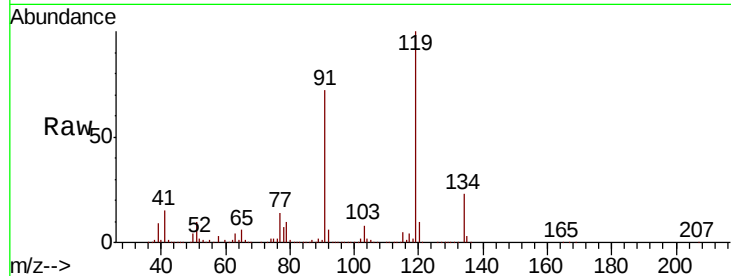




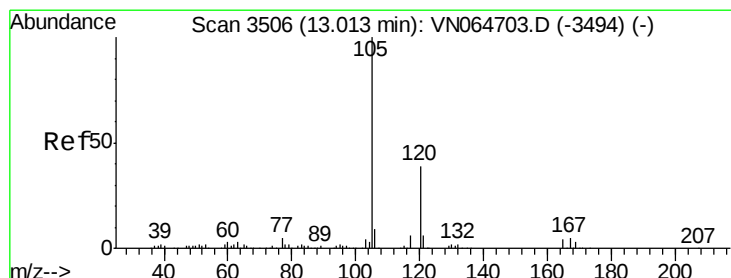
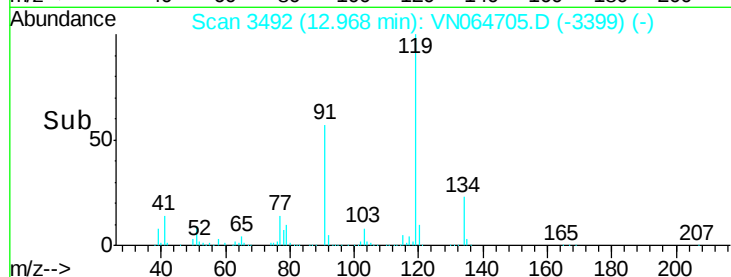
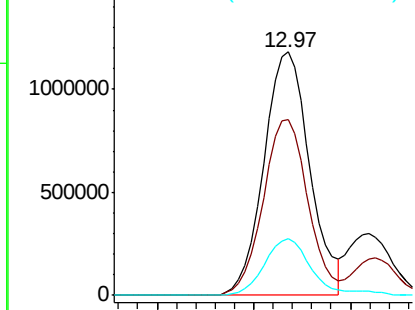
#83
 tert-Butylbenzene
 Concen: 148.408 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1954133
 Ion Ratio Lower Upper
 119 100
 91 70.4 35.8 107.4
 134 24.1 12.0 36.1

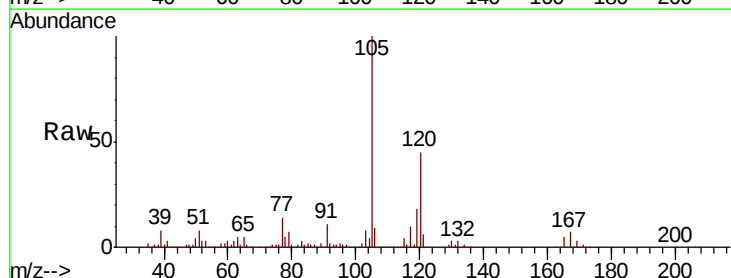


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

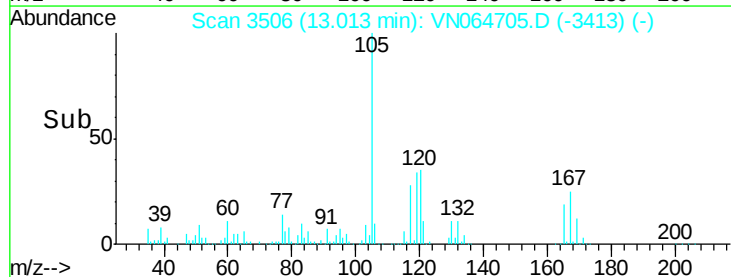
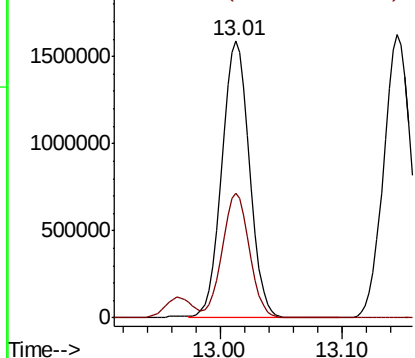


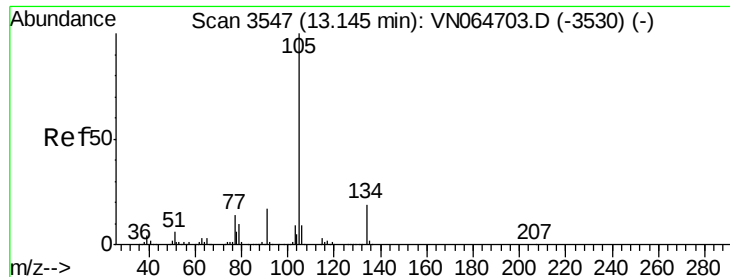
#84
 1,2,4-Trimethylbenzene
 Concen: 149.697 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion:105 Resp: 2527218
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0



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





#85

sec-Butylbenzene

Concen: 153.385 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

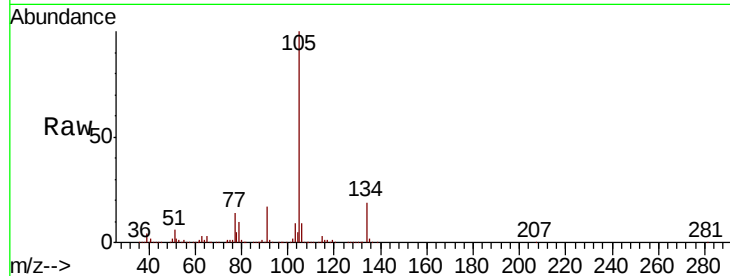
VSTDIC150

Tot Ion:105 Resp: 2559242

Ion Ratio Lower Upper

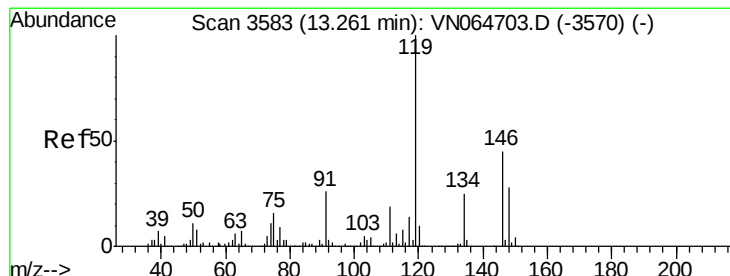
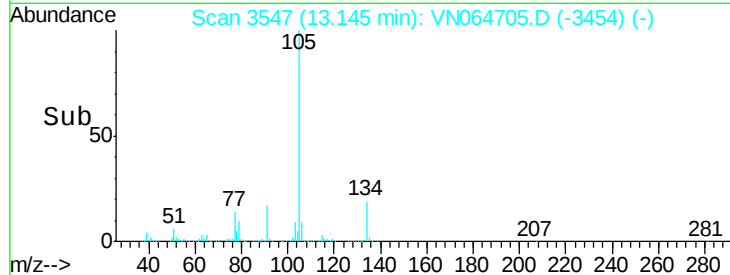
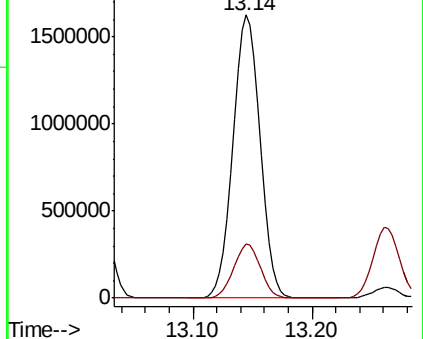
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 162.476 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

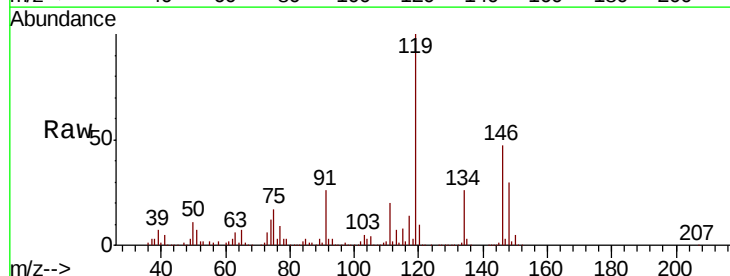
Tgt Ion:119 Resp: 2445643

Ion Ratio Lower Upper

119 100

134 25.6 12.7 38.0

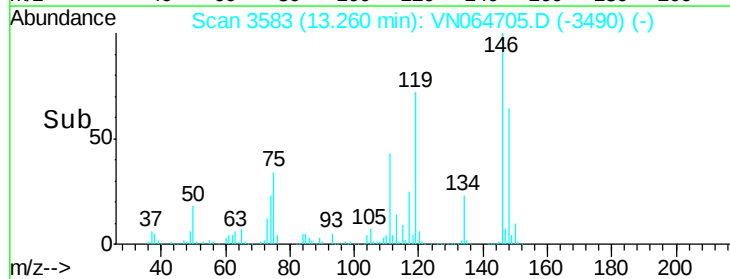
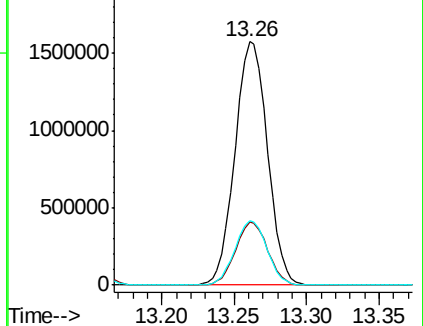
91 26.2 13.3 39.8

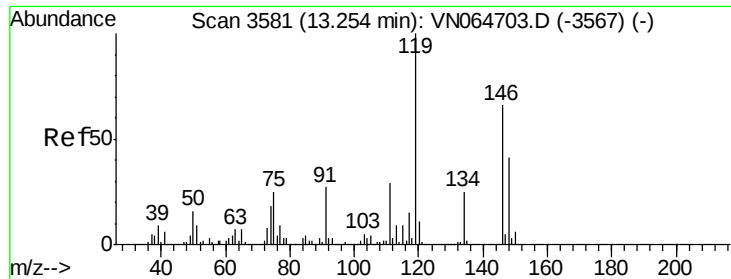


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

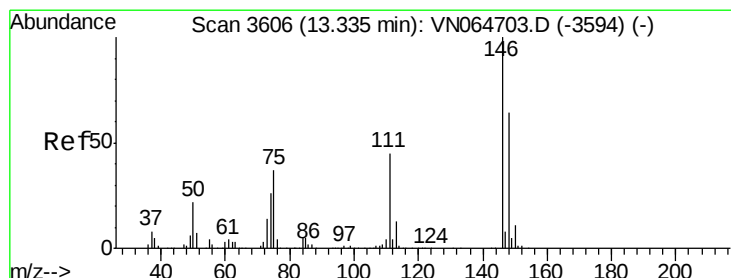
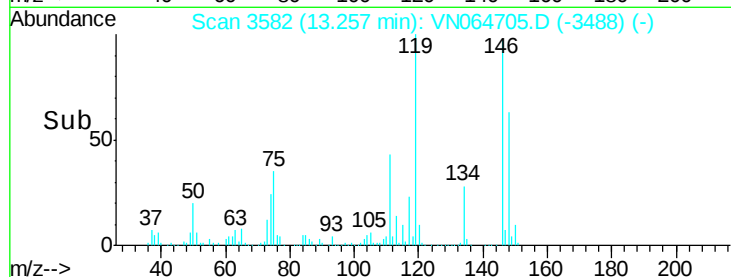
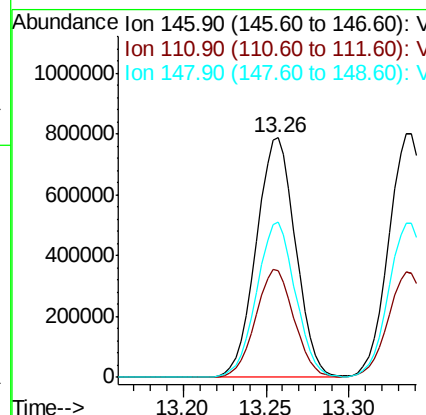
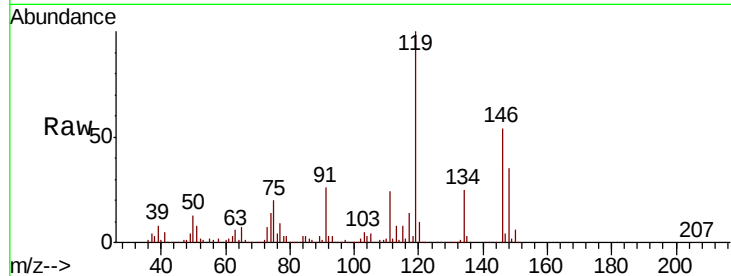




#87
 1,3-Dichlorobenzene
 Concen: 150.022 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

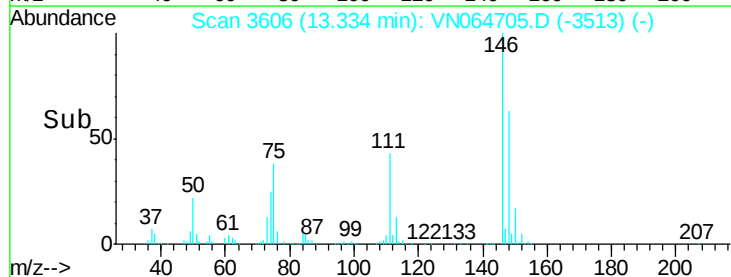
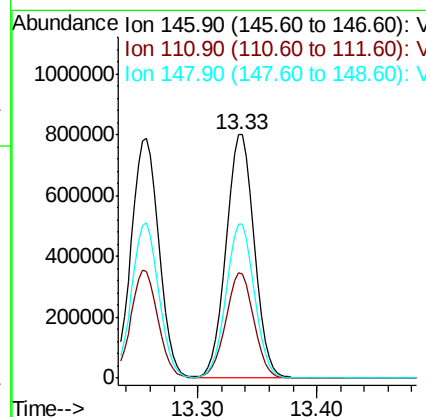
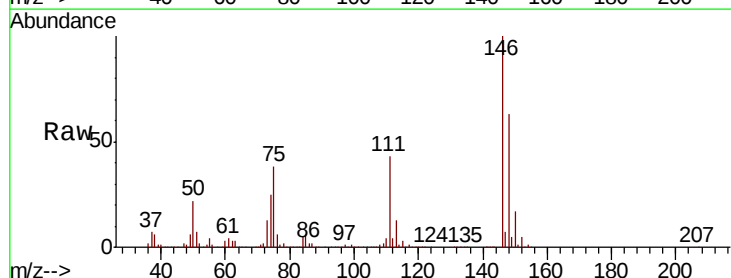
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

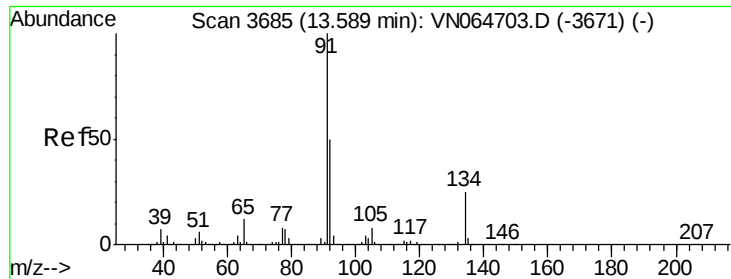
Tot Ion:146 Resp: 1299043
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.4
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 146.896 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion:146 Resp: 1315191
 Ion Ratio Lower Upper
 146 100
 111 42.7 22.3 66.8
 148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 172.151 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Instrument :

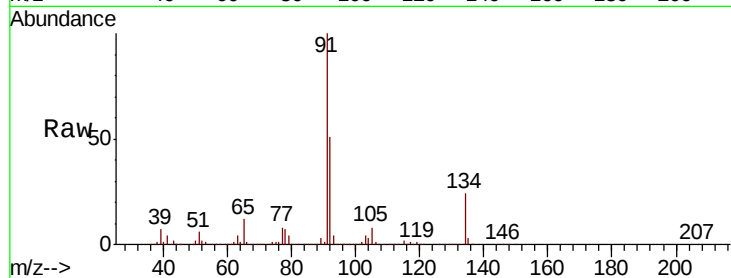
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2242560

Ion	Ratio	Lower	Upper
91	100		
92	51.0	24.9	74.8
134	23.8	12.0	36.0

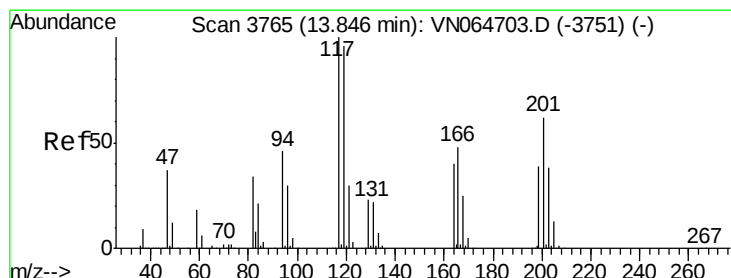
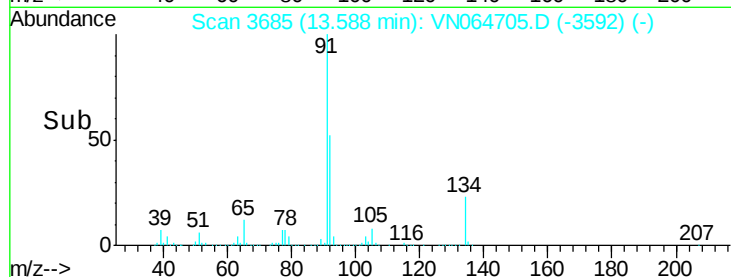
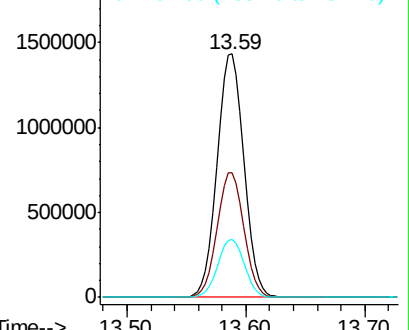


Abundance

Ion 91.00 (90.70 to 91.70): VN064703.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064703.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064703.D (-3671) (-)



#90

Hexachloroethane

Concen: 144.309 ug/l

RT: 13.85 min Scan# 3766

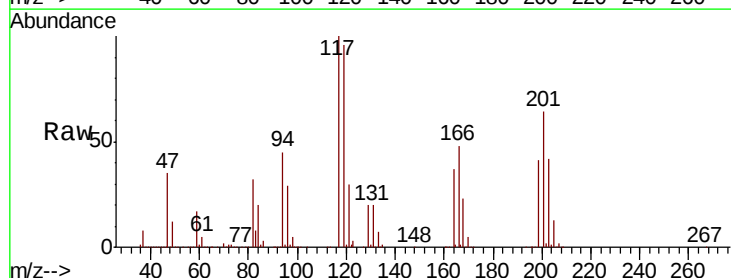
Delta R.T. 0.00 min

Lab File: VN064705.D

Acq: 18 Nov 2020 13:49

Tgt Ion: 117 Resp: 409954

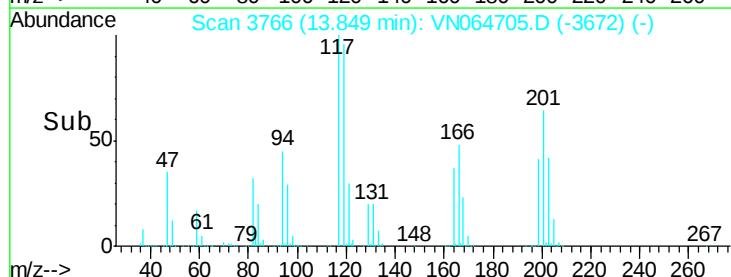
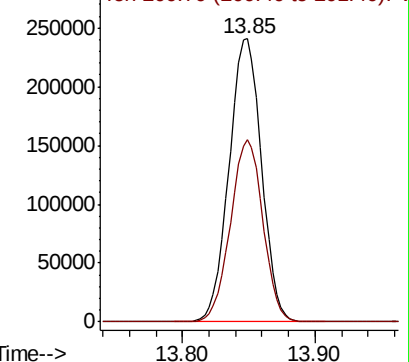
Ion	Ratio	Lower	Upper
117	100		
201	64.3	31.9	95.5

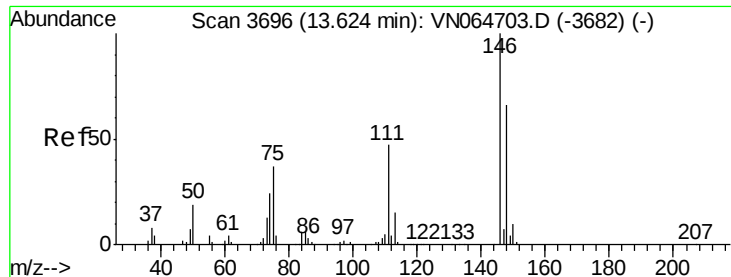


Abundance

Ion 116.80 (116.50 to 117.50): VN064703.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN064703.D (-3751) (-)

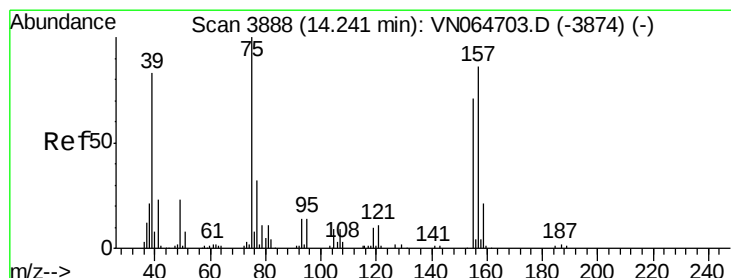
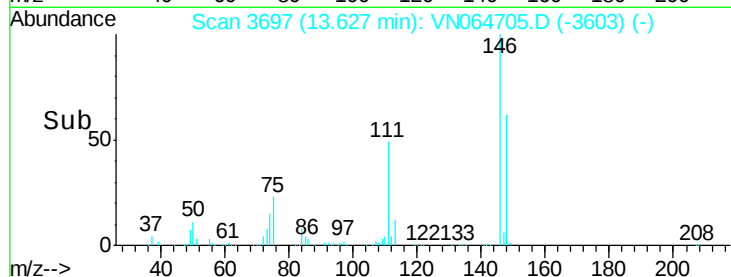
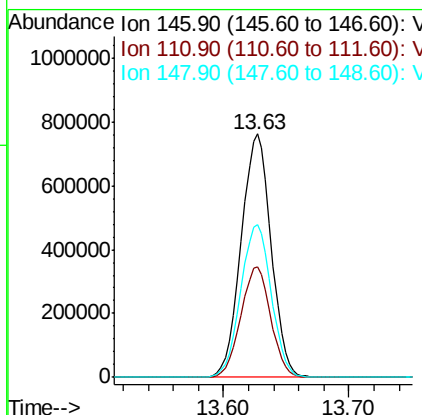
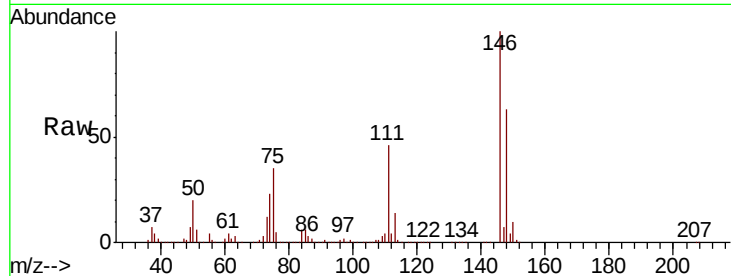




#91
 1,2-Dichlorobenzene
 Concen: 152.815 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

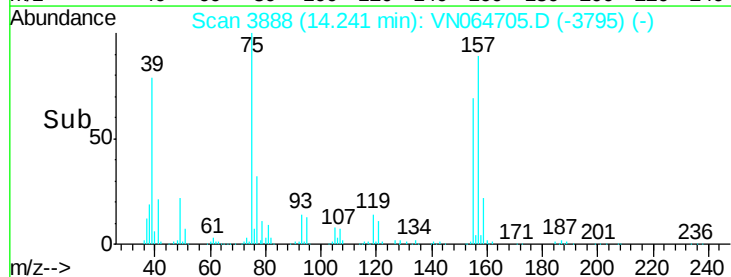
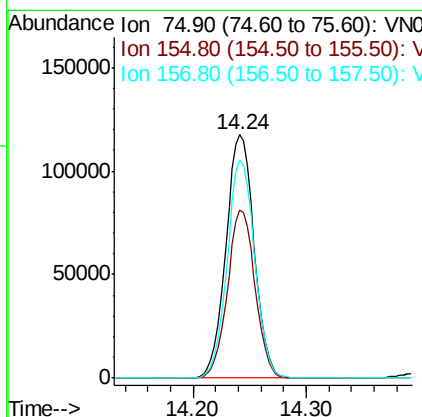
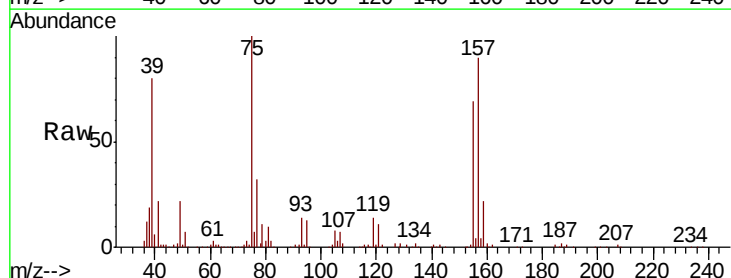
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

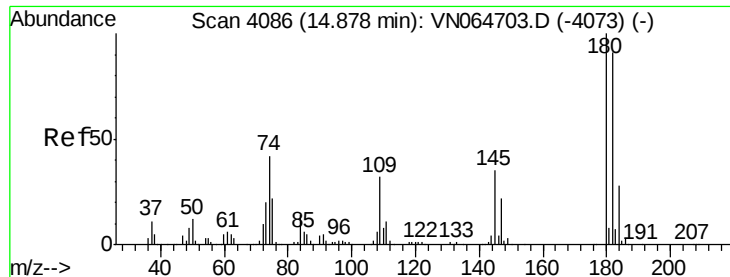
Tot Ion:146 Resp: 1269123
 Ion Ratio Lower Upper
 146 100
 111 45.2 23.1 69.3
 148 64.0 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 160.964 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion: 75 Resp: 203181
 Ion Ratio Lower Upper
 75 100
 155 67.8 33.6 100.6
 157 87.7 42.4 127.2

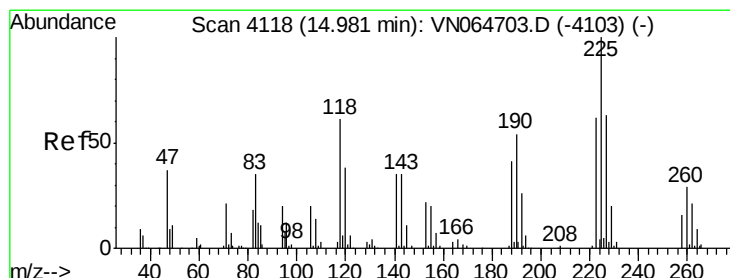
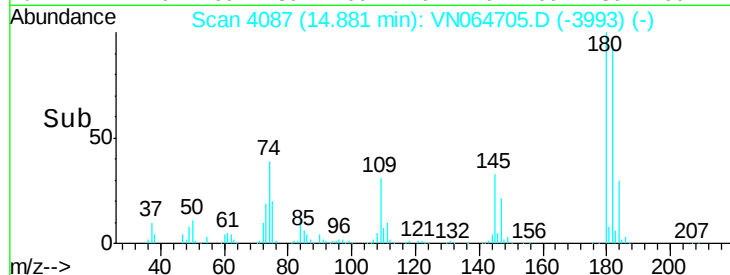
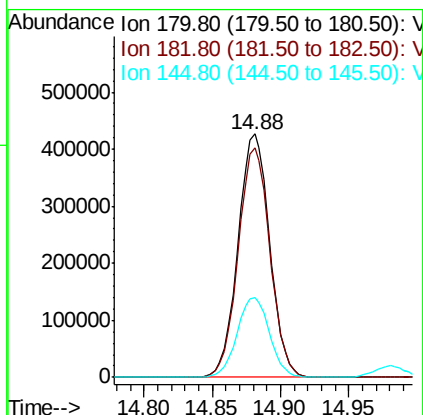
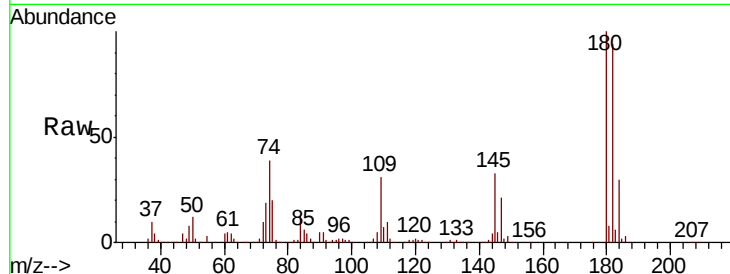




#93
 1,2,4-Trichlorobenzene
 Concen: 197.683 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

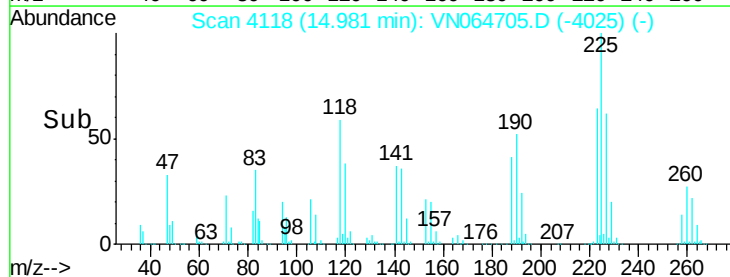
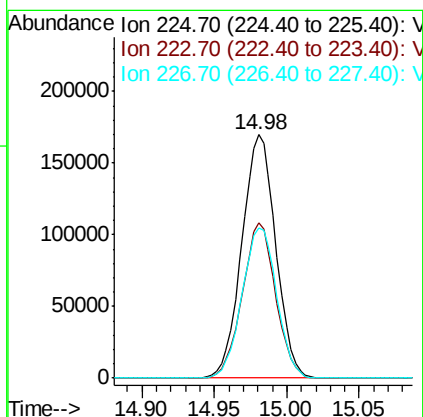
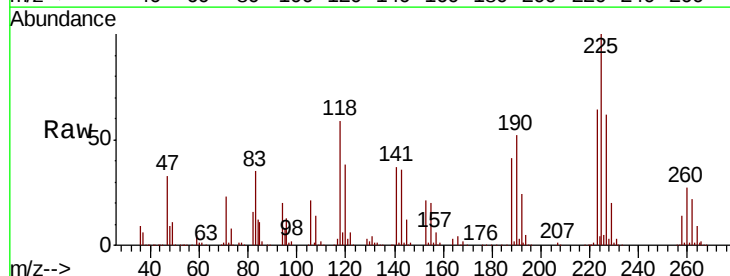
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

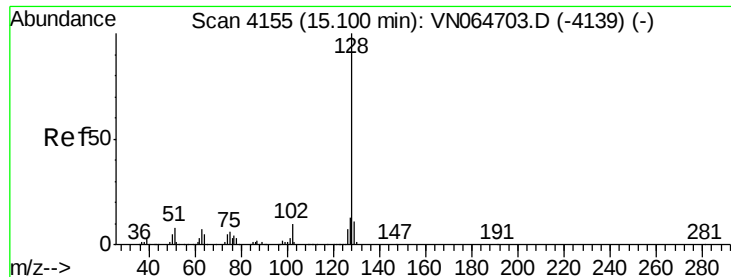
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	33.6	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 160.504 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064705.D
 Acq: 18 Nov 2020 13:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	63.2	32.1	96.3

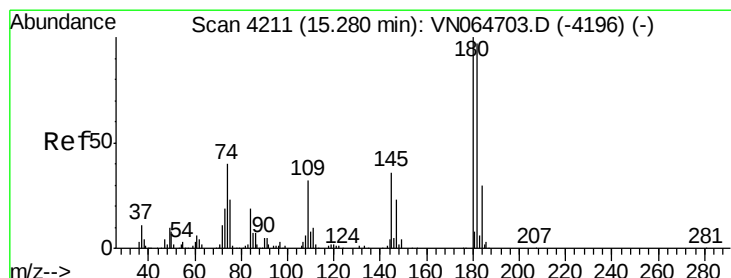
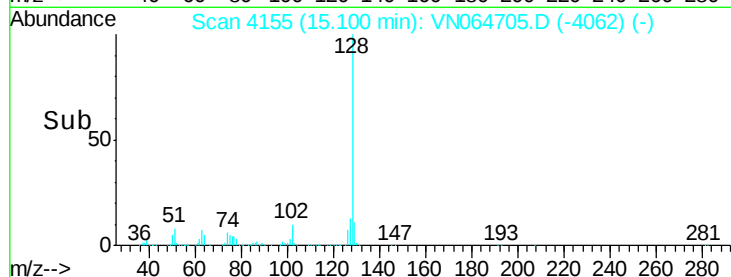
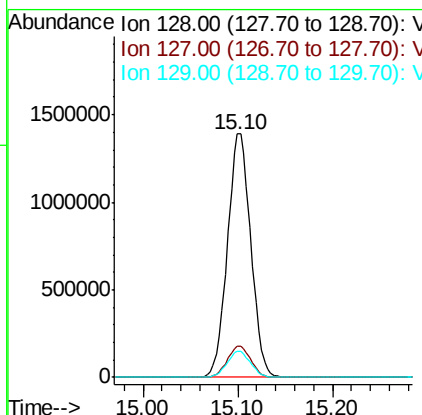
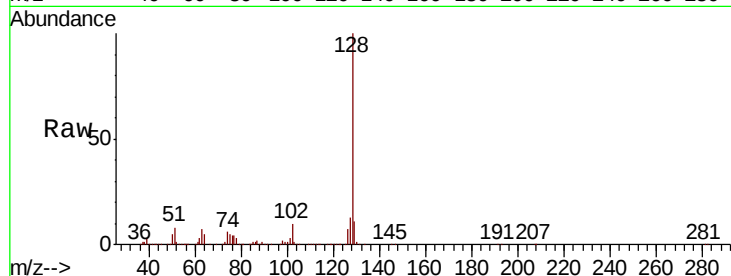




#95
Naphthalene
Concen: 207.762 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 2383606
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 187.832 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064705.D
Acq: 18 Nov 2020 13:49

Tgt Ion:180 Resp: 652486
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.5
145 35.3 18.1 54.1

