

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
 Data File : VN063743.D
 Acq On : 30 Sep 2020 12:00
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 30 12:19:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	277976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232390	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	719881	152.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.84%	
35) Dibromofluoromethane	7.55	113	507424	158.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.42%	
50) Toluene-d8	10.06	98	1946470	162.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.60%	
62) 4-Bromofluorobenzene	12.38	95	770628	174.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	348.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	428572	139.009	ug/l	100
3) Chloromethane	2.04	50	489815	121.827	ug/l	100
4) Vinyl Chloride	2.16	62	490313	136.272	ug/l	100
5) Bromomethane	2.51	94	331017	153.014	ug/l	96
6) Chloroethane	2.66	64	307151	137.553	ug/l	99
7) Trichlorofluoromethane	2.98	101	787266	144.475	ug/l	98
8) Diethyl Ether	3.37	74	281507	135.251	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	420425	138.233	ug/l	99
10) Methyl Iodide	3.91	142	579118	148.508	ug/l	100
11) Tert butyl alcohol	4.73	59	405257	647.407	ug/l	100
12) 1,1-Dichloroethene	3.70	96	404479	132.700	ug/l	100
13) Acrolein	3.56	56	248402	971.197	ug/l	99
14) Allyl chloride	4.28	41	805825	134.685	ug/l	98
15) Acrylonitrile	4.93	53	1145458	705.319	ug/l	99
16) Acetone	3.77	43	1035279	688.428	ug/l	98
17) Carbon Disulfide	4.01	76	1152375	130.912	ug/l	99
18) Methyl Acetate	4.27	43	564286	148.669	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1577725	138.127	ug/l	99
20) Methylene Chloride	4.50	84	488040	129.432	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	457430	135.080	ug/l	99
22) Diisopropyl ether	5.90	45	1716295	139.163	ug/l	97
23) Vinyl Acetate	5.84	43	7190052	711.753	ug/l	99
24) 1,1-Dichloroethane	5.80	63	910527	135.183	ug/l	98
25) 2-Butanone	6.78	43	1641950	718.907	ug/l	99
26) 2,2-Dichloropropane	6.78	77	829488	138.686	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	541928	141.323	ug/l	99
28) Bromochloromethane	7.15	49	507772	159.822	ug/l	99
29) Tetrahydrofuran	7.16	42	1079535	692.497	ug/l	99
30) Chloroform	7.33	83	967239	142.153	ug/l	97
31) Cyclohexane	7.61	56	775320	123.567	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	905035	148.558	ug/l	98
36) 1,1-Dichloropropene	7.75	75	711893	146.895	ug/l	100
37) Ethyl Acetate	6.88	43	705388	148.912	ug/l	99
38) Carbon Tetrachloride	7.73	117	781032	156.314	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	736923	141.325	ug/l	96
40) Benzene	8.00	78	2000662	144.622	ug/l	100
41) Methacrylonitrile	7.13	41	330766	152.467	ug/l	92
42) 1,2-Dichloroethane	8.08	62	848409	151.071	ug/l	100
43) Isopropyl Acetate	8.13	43	1245948	146.754	ug/l	99
44) Trichloroethene	8.80	130	516568	152.128	ug/l	99
45) 1,2-Dichloropropane	9.08	63	541988	144.062	ug/l	99
46) Dibromomethane	9.17	93	376542	151.444	ug/l	99
47) Bromodichloromethane	9.37	83	805916	155.257	ug/l	100
48) Methyl methacrylate	9.17	41	626794	150.837	ug/l	97
49) 1,4-Dioxane	9.17	88	166704	2807.938	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	3629311	757.496	ug/l	98
52) Toluene	10.13	92	1312087	157.051	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	911647	158.210	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	930387	153.594	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	515536	154.548	ug/l	98
56) Ethyl methacrylate	10.40	69	816827	158.528	ug/l	98
57) 1,3-Dichloropropane	10.68	76	884362	147.891	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	2120005	777.209	ug/l	100
59) 2-Hexanone	10.72	43	2759713	794.680	ug/l	99
60) Dibromochloromethane	10.87	129	632136	167.530	ug/l	99
61) 1,2-Dibromoethane	10.98	107	551924	159.437	ug/l	99
64) Tetrachloroethene	10.60	164	475366	157.113	ug/l	99
65) Chlorobenzene	11.41	112	1372550	148.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	545181	159.773	ug/l	99
67) Ethyl Benzene	11.48	91	2589924	148.975	ug/l	99
68) m/p-Xylenes	11.60	106	1946018	309.641	ug/l	98
69) o-Xylene	11.92	106	931459	156.060	ug/l	100
70) Styrene	11.94	104	1651380	164.942	ug/l	100
71) Bromoform	12.10	173	449022	176.093	ug/l #	98
73) Isopropylbenzene	12.23	105	2555034	139.447	ug/l	99
74) N-amyl acetate	12.05	43	1231941	143.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	762401	134.401	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	1091729	193.030	ug/l #	100
77) Bromobenzene	12.50	156	619375	148.751	ug/l	99
78) n-propylbenzene	12.57	91	2974101	139.649	ug/l	99
79) 2-Chlorotoluene	12.65	91	1799240	140.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	2203752	144.605	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	294706	143.654	ug/l	97
82) 4-Chlorotoluene	12.75	91	1932611	142.745	ug/l	99
83) tert-Butylbenzene	12.97	119	1808817	143.572	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	2261600	146.609	ug/l	98
85) sec-Butylbenzene	13.15	105	2371860	140.962	ug/l	100
86) p-Isopropyltoluene	13.26	119	2191495	147.561	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	1152828	149.756	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1156233	148.465	ug/l	99
89) n-Butylbenzene	13.59	91	1978309	145.155	ug/l	99
90) Hexachloroethane	13.85	117	413858	145.753	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	1125358	149.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	184450	137.892	ug/l	94

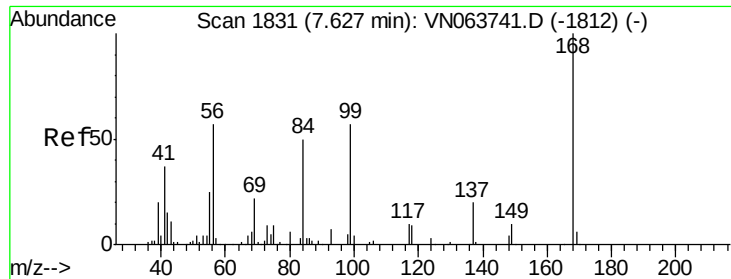
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QLast Update : Wed Sep 30 11:35:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	630004	144.676	ug/l	99
94) Hexachlorobutadiene	14.98	225	306112	163.168	ug/l	98
95) Naphthalene	15.10	128	1955753	137.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	607806	144.489	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

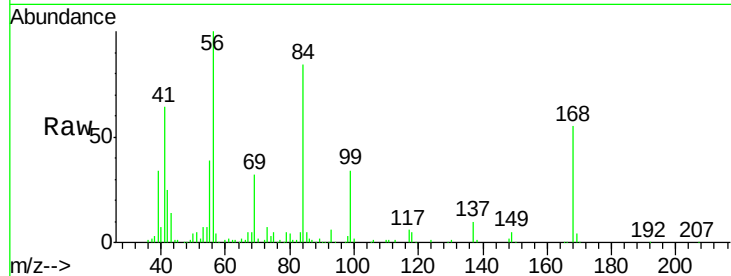
VSTDIC150

Tgt Ion:168 Resp: 277976

Ion Ratio Lower Upper

168 100

99 62.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

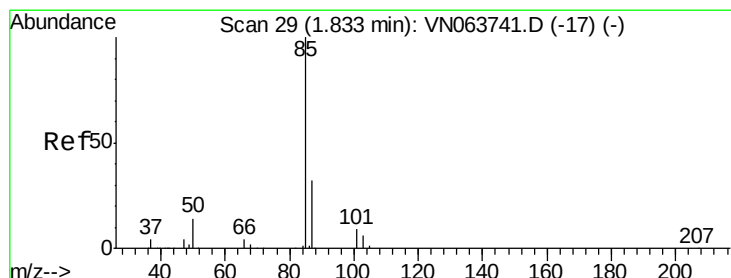
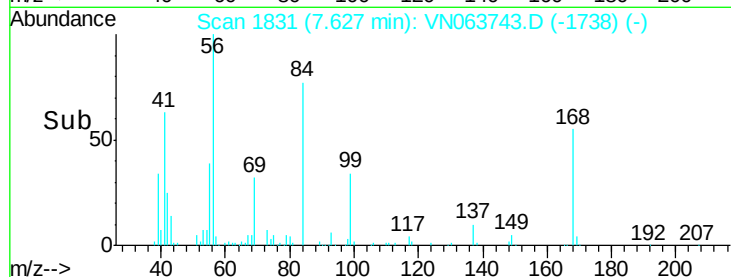
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 139.009 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063743.D

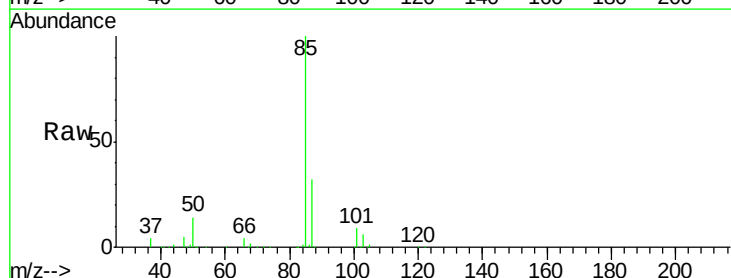
Acq: 30 Sep 2020 12:00

Tgt Ion: 85 Resp: 428572

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

300000

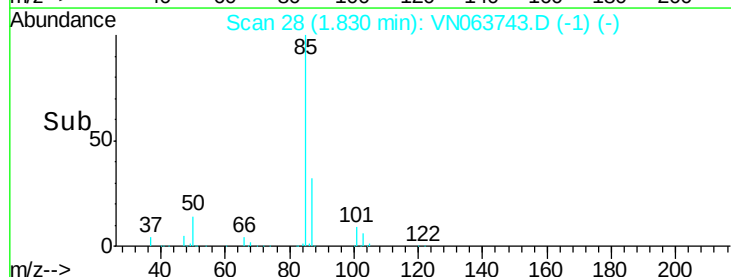
200000

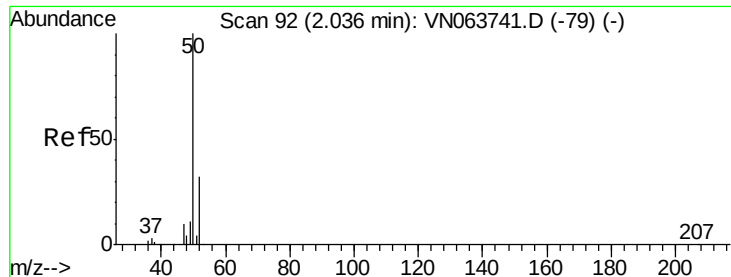
100000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 121.827 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

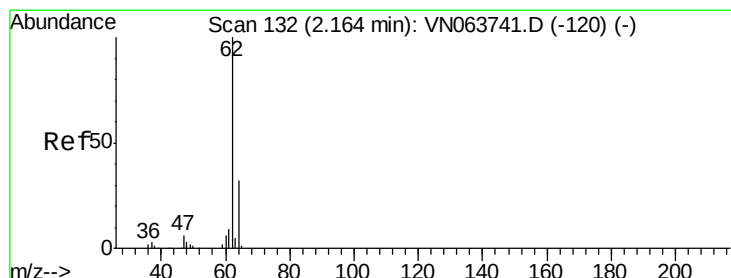
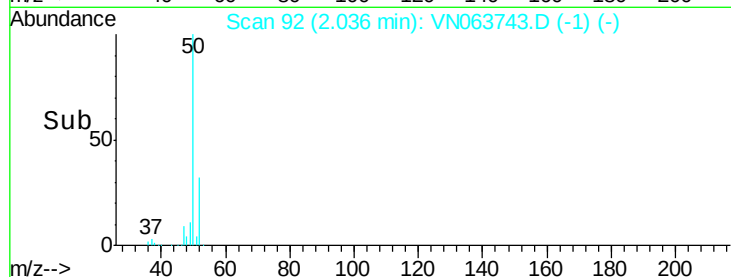
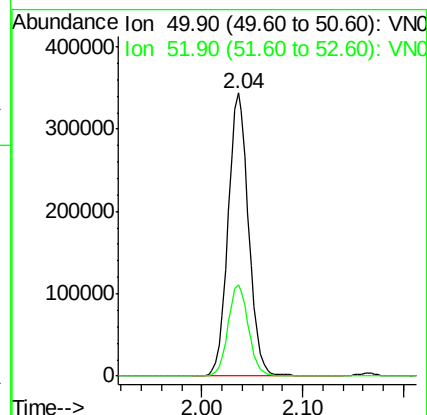
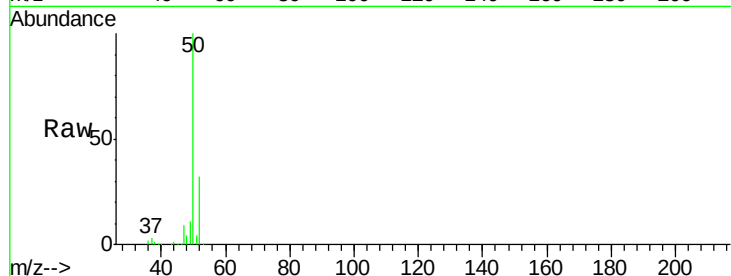
VSTDIC150

Tgt Ion: 50 Resp: 489815

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 136.272 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063743.D

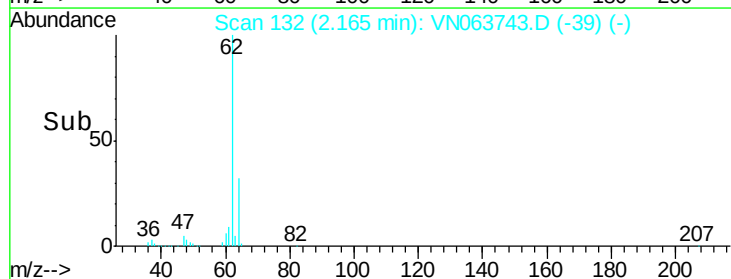
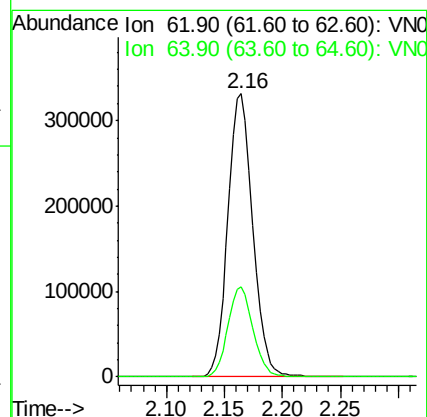
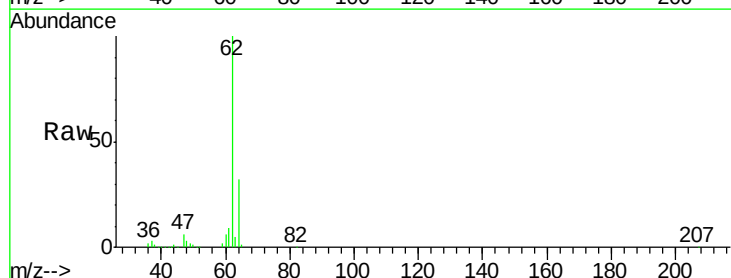
Acq: 30 Sep 2020 12:00

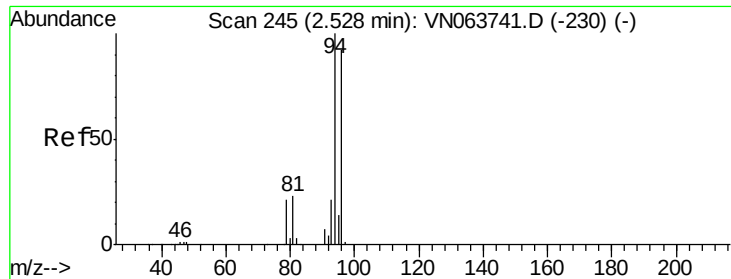
Tgt Ion: 62 Resp: 490313

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 153.014 ug/l

RT: 2.51 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

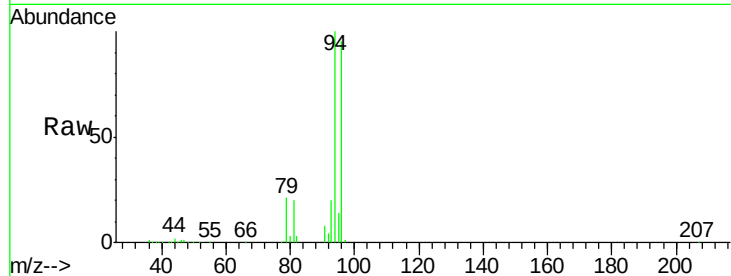
VSTDIC150

Tgt Ion: 94 Resp: 331017

Ion Ratio Lower Upper

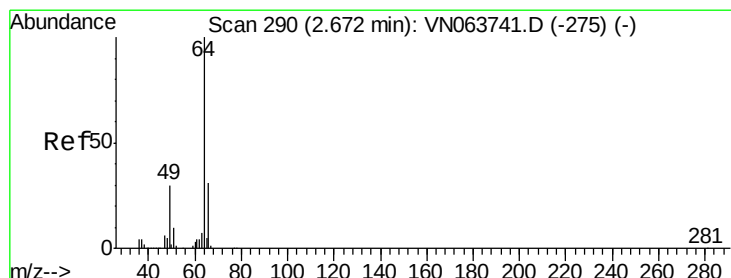
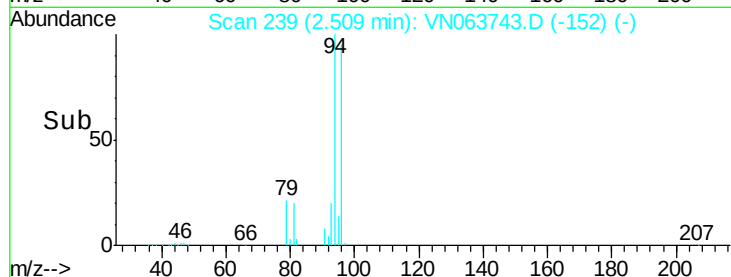
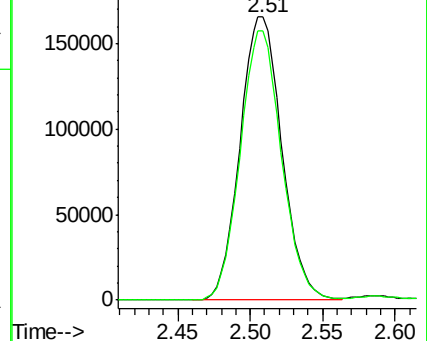
94 100

96 95.0 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 137.553 ug/l

RT: 2.66 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN063743.D

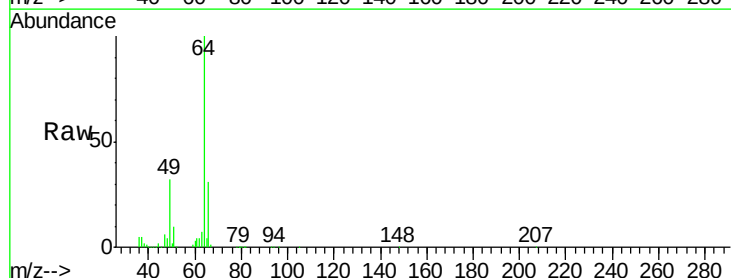
Acq: 30 Sep 2020 12:00

Tgt Ion: 64 Resp: 307151

Ion Ratio Lower Upper

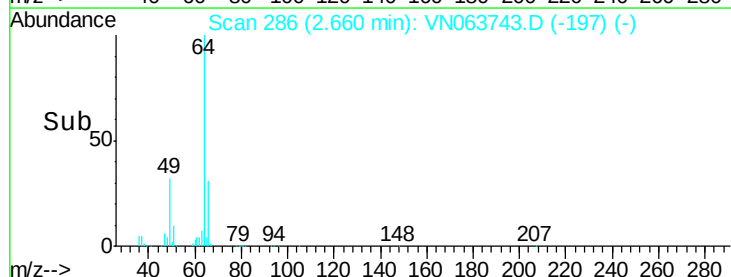
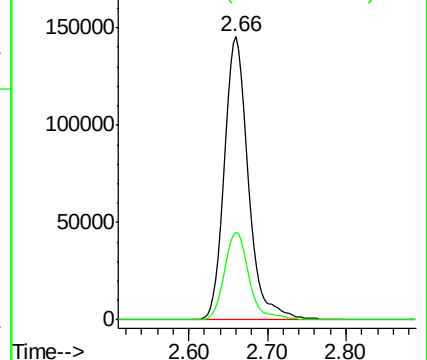
64 100

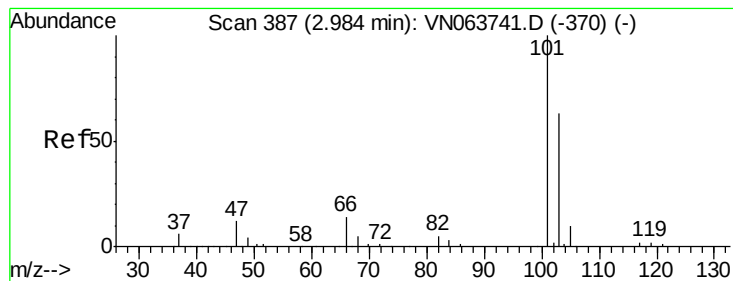
66 30.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



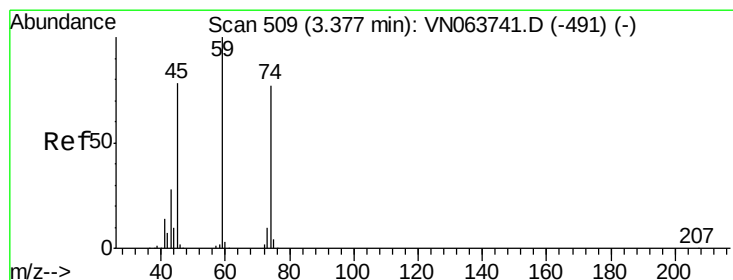
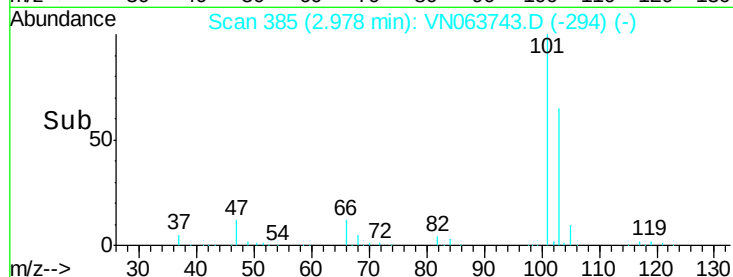
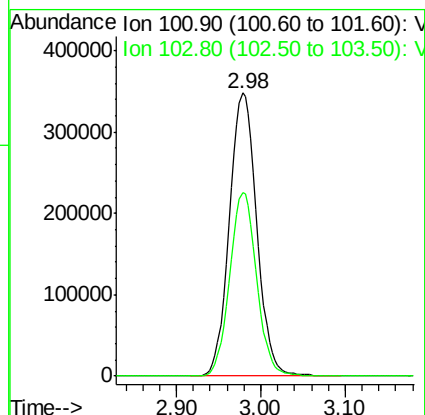
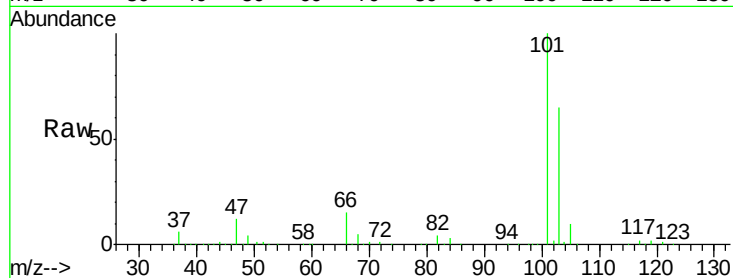


#7

Trichlorofluoromethane
Concen: 144.475 ug/l
RT: 2.98 min Scan# 385
Delta R.T. -0.01 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Instrument :
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ClientSampleId :
VSTDIC150

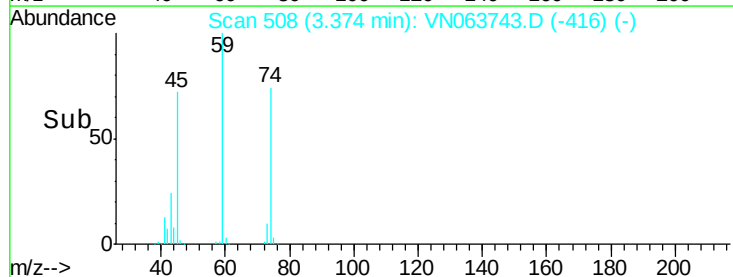
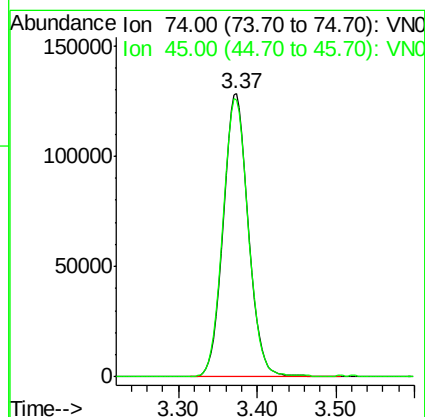
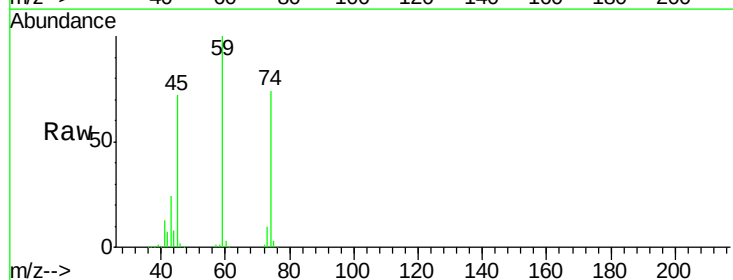
Tgt Ion: 101 Resp: 787266
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

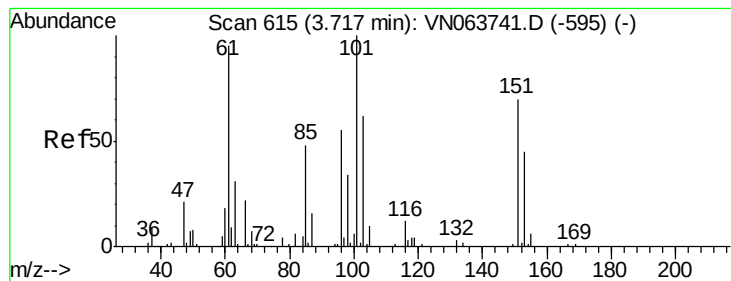


#8

Diethyl Ether
Concen: 135.251 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion: 74 Resp: 281507
Ion Ratio Lower Upper
74 100
45 99.6 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.233 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

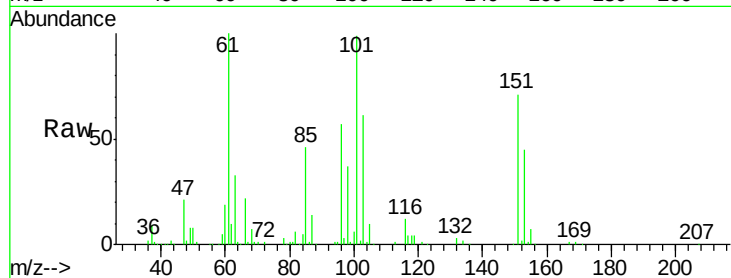
Tgt Ion:101 Resp: 420425

Ion Ratio Lower Upper

101 100

85 48.1 38.6 58.0

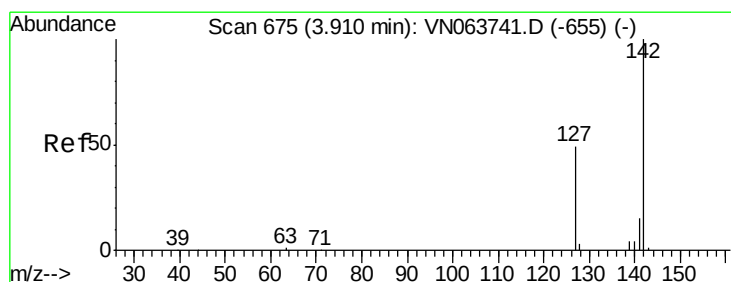
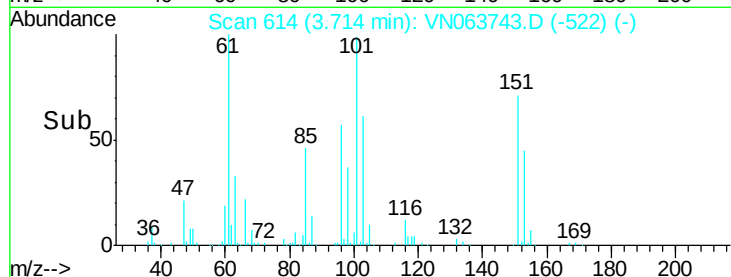
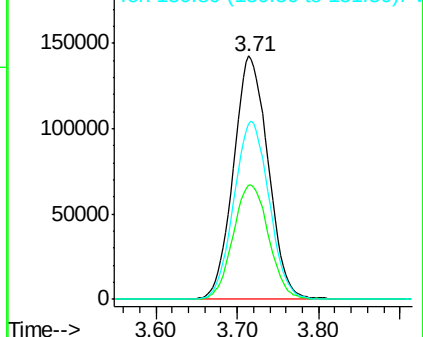
151 74.2 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 148.508 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

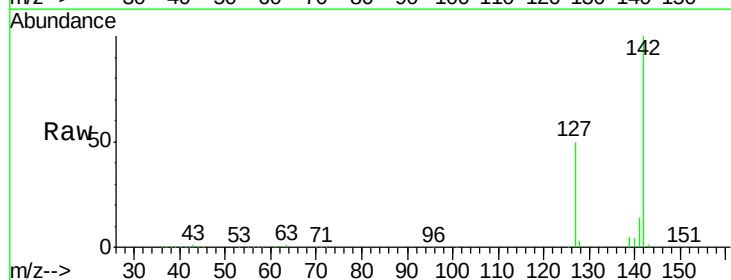
Tgt Ion:142 Resp: 579118

Ion Ratio Lower Upper

142 100

127 50.6 40.5 60.7

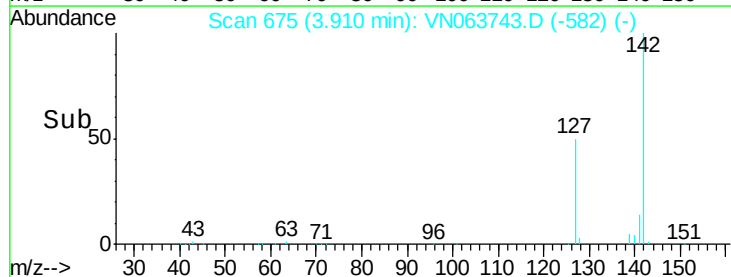
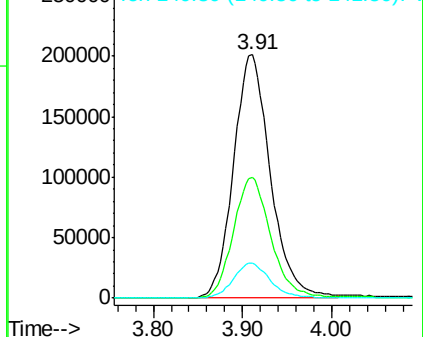
141 14.4 11.7 17.5

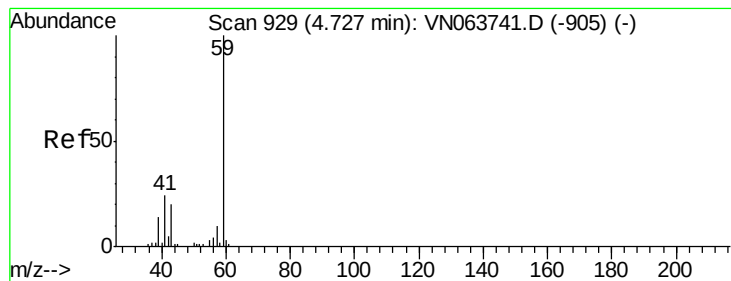


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



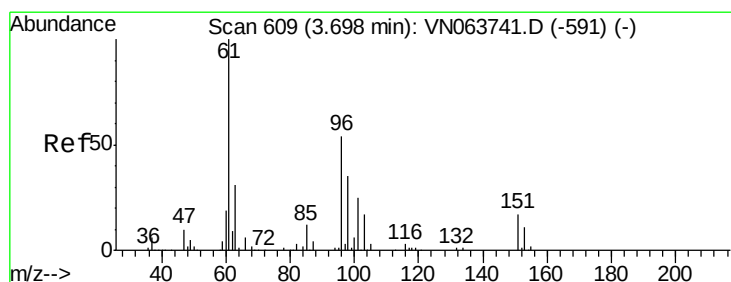
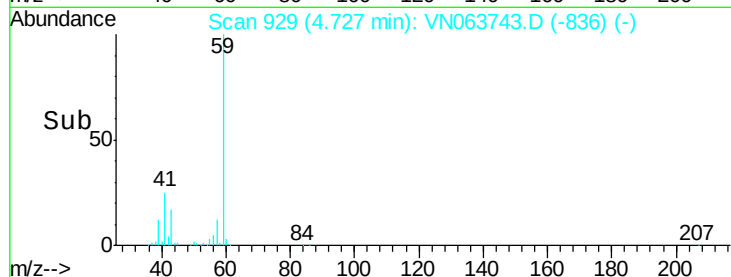
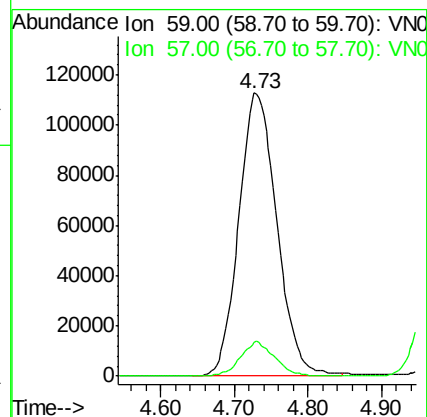
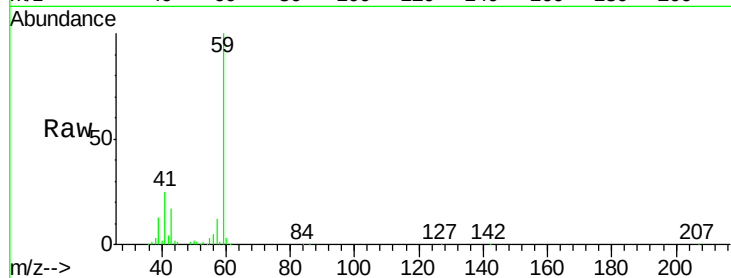


#11

Tert butyl alcohol
Concen: 647.407 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

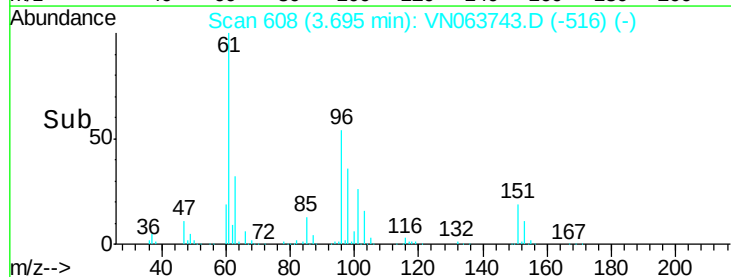
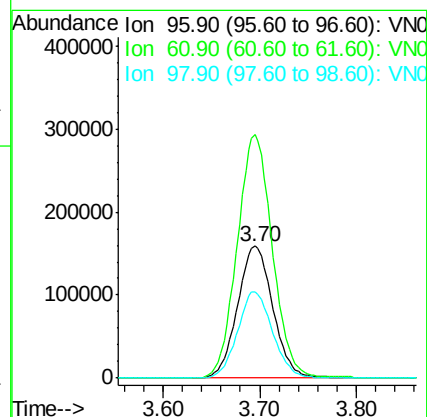
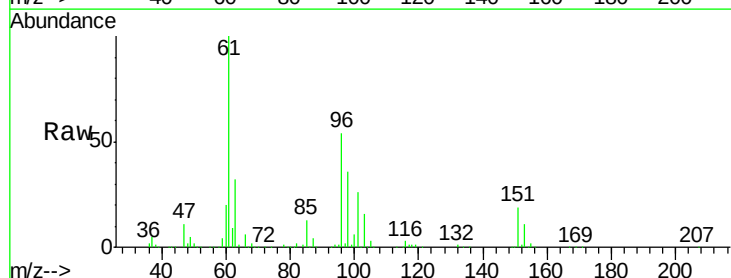
Tgt Ion: 59 Resp: 405257
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

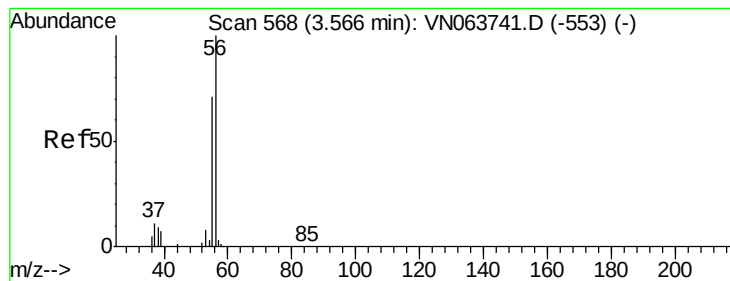


#12

1,1-Dichloroethene
Concen: 132.700 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion: 96 Resp: 404479
Ion Ratio Lower Upper
96 100
61 184.7 147.7 221.5
98 65.6 51.9 77.9





#13

Acrolein

Concen: 971.197 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

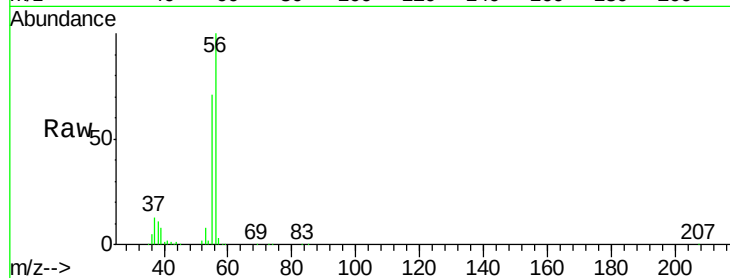
VSTDIC150

Tgt Ion: 56 Resp: 248402

Ion Ratio Lower Upper

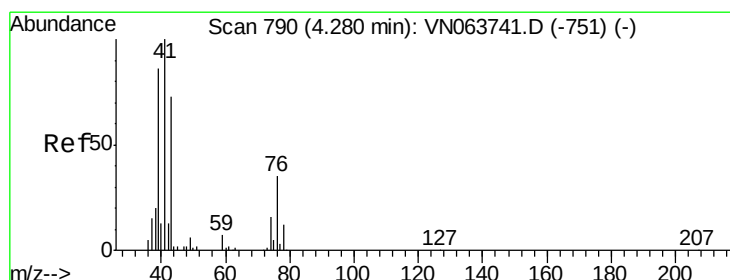
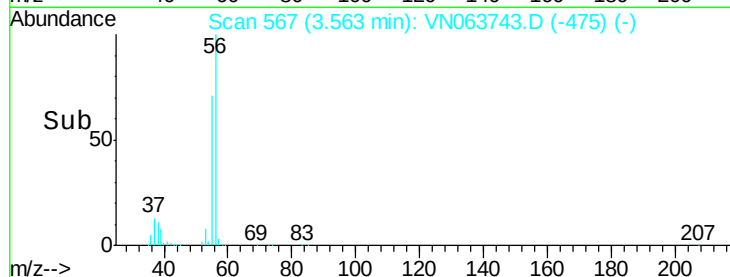
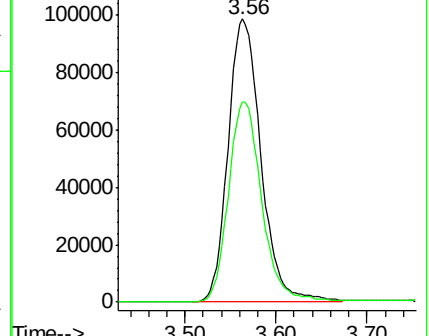
56 100

55 71.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 134.685 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

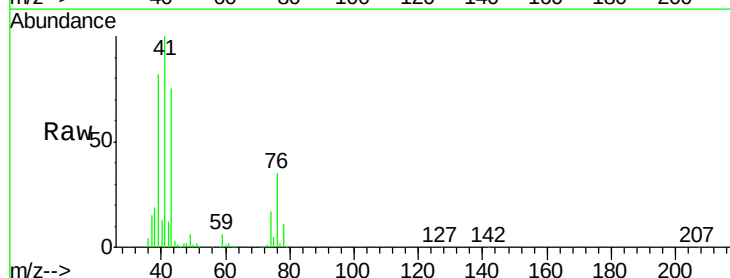
Tgt Ion: 41 Resp: 805825

Ion Ratio Lower Upper

41 100

39 78.9 64.5 96.7

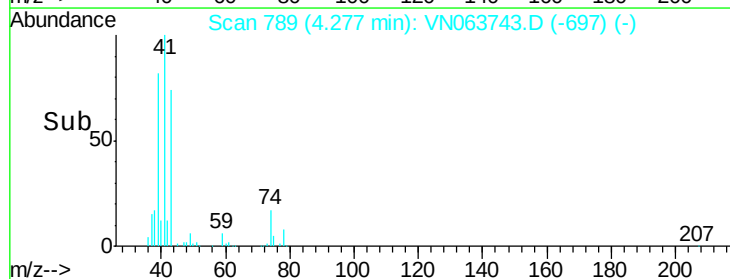
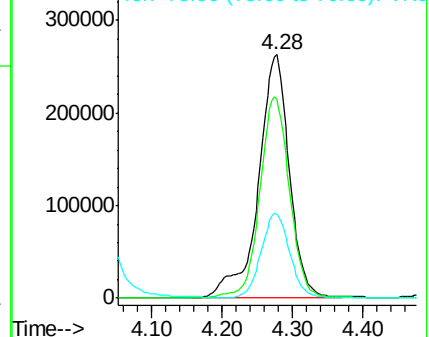
76 31.7 25.9 38.9

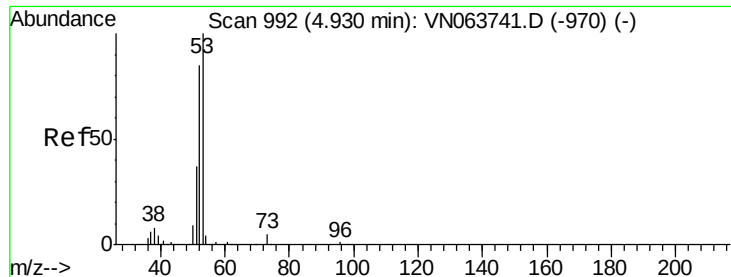


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 705.319 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

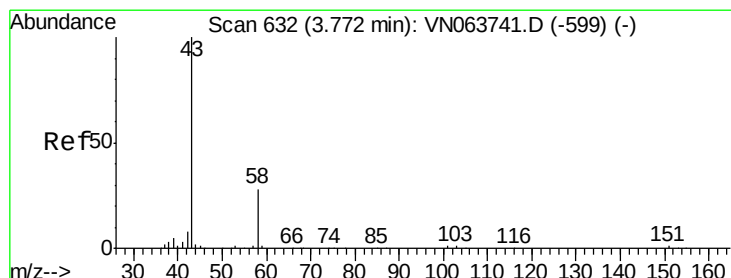
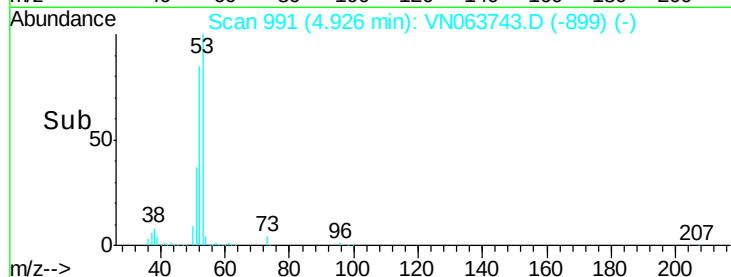
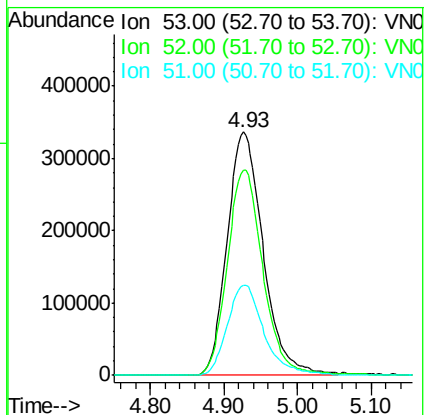
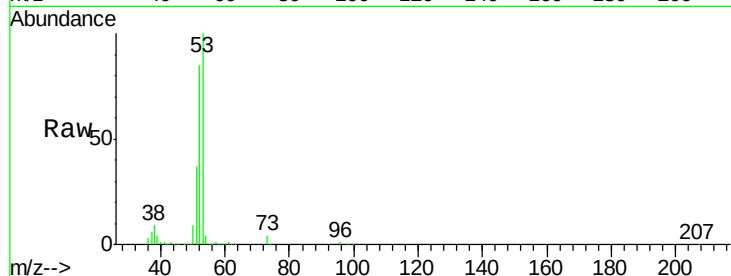
Tgt Ion: 53 Resp: 1145458

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

51 38.0 29.9 44.9



#16

Acetone

Concen: 688.428 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063743.D

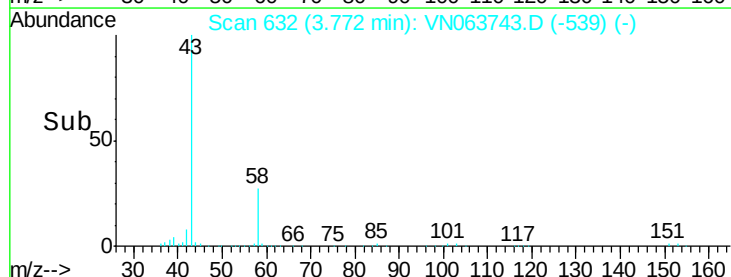
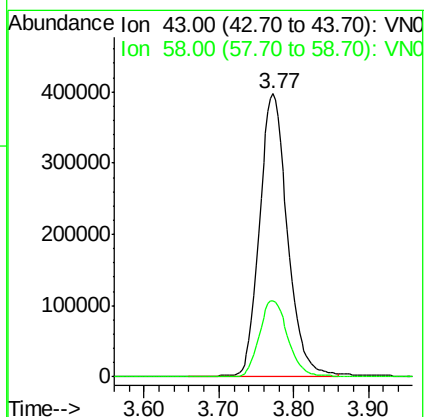
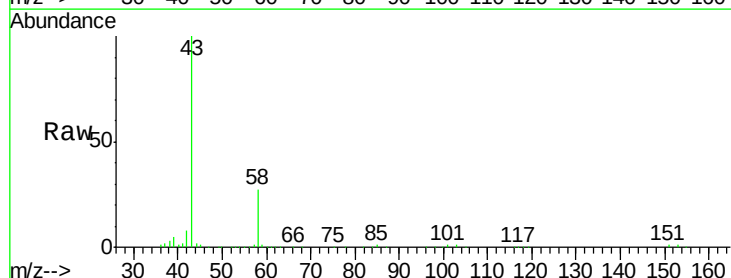
Acq: 30 Sep 2020 12:00

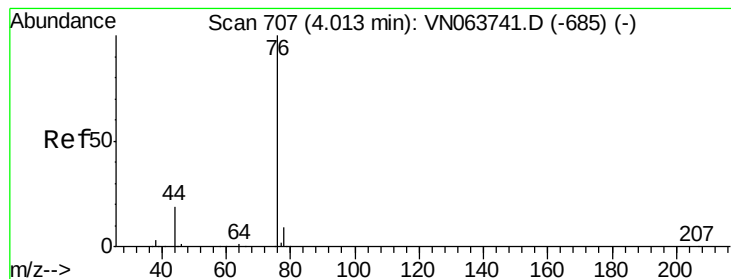
Tgt Ion: 43 Resp: 1035279

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 130.912 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

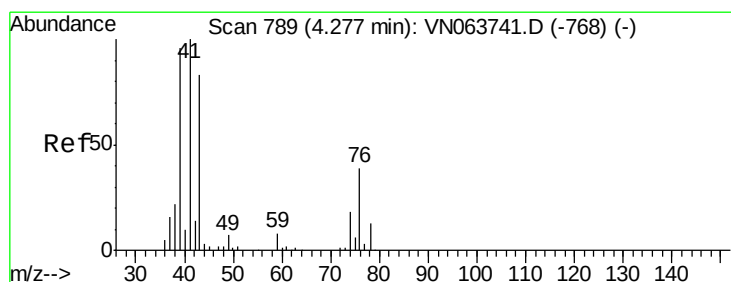
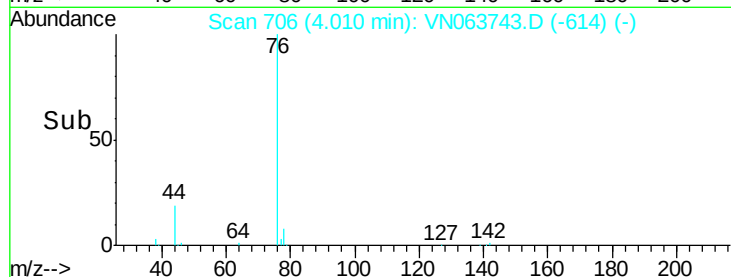
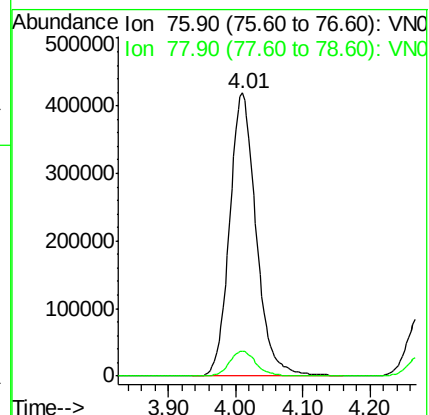
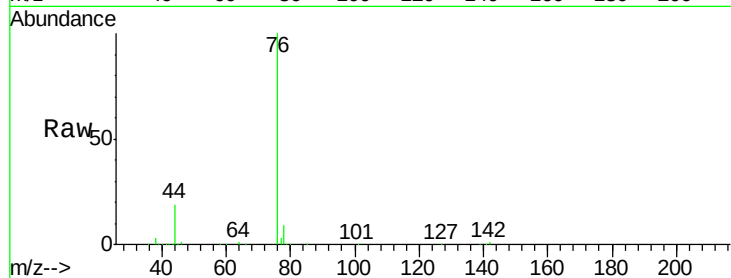
VSTDIC150

Tgt Ion: 76 Resp: 1152375

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 148.669 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063743.D

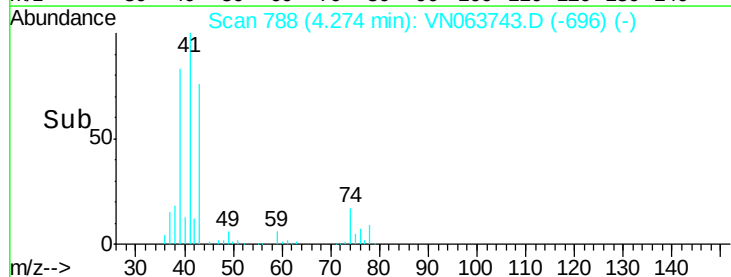
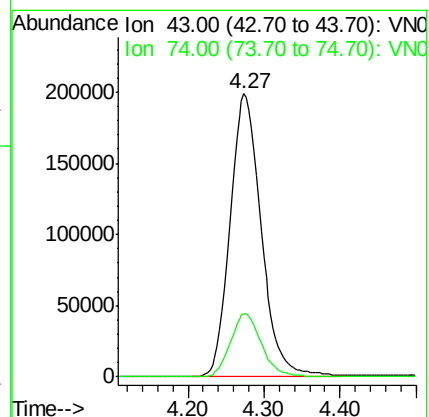
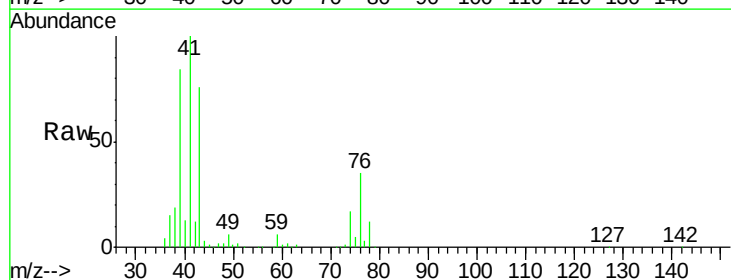
Acq: 30 Sep 2020 12:00

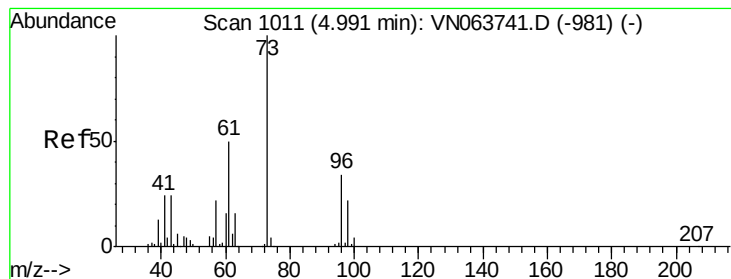
Tgt Ion: 43 Resp: 564286

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2



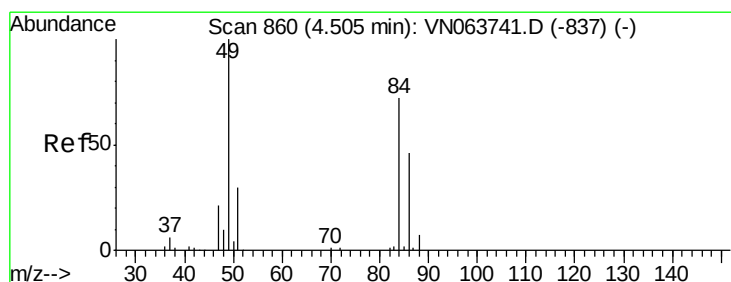
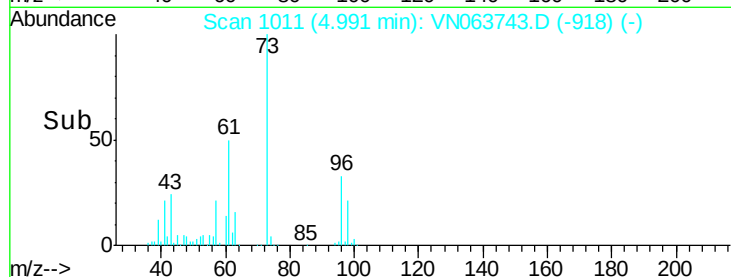
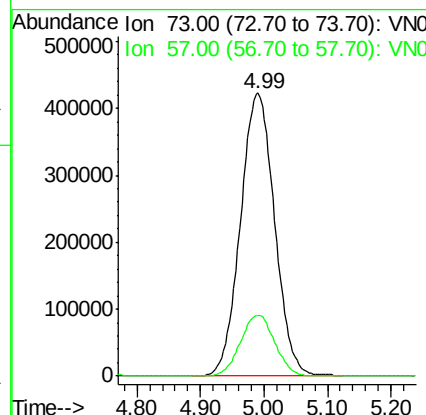
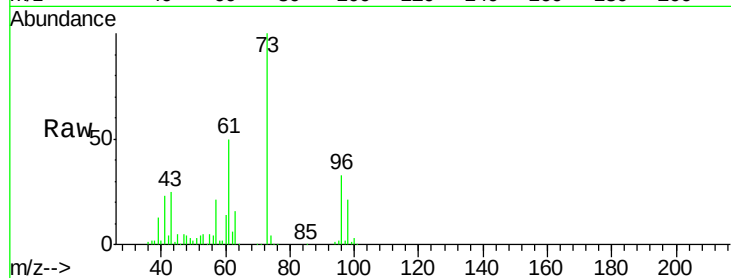


#19

Methyl tert-butyl Ether
 Concen: 138.127 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

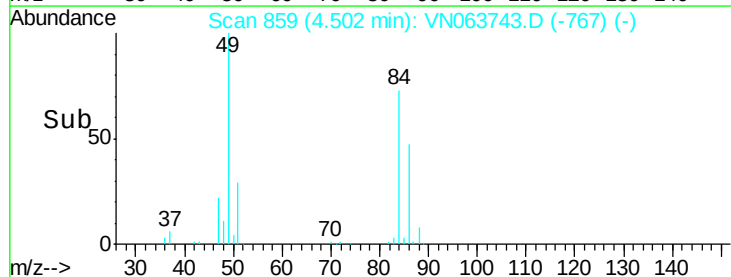
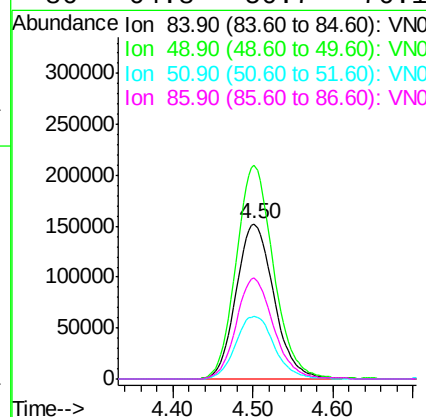
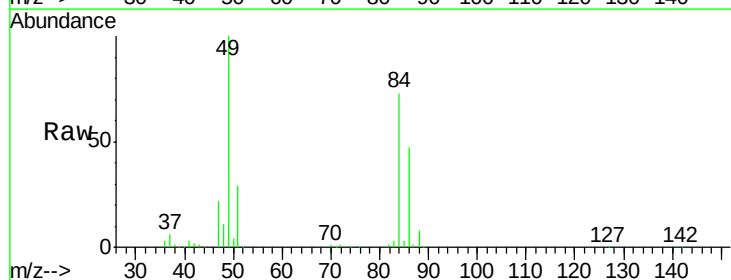
Tgt Ion: 73 Resp: 1577725
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.6 26.4

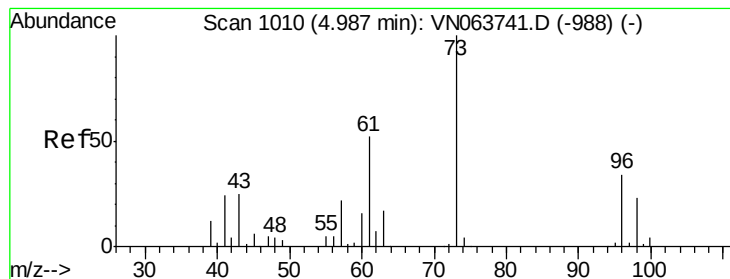


#20

Methylene Chloride
 Concen: 129.432 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 84 Resp: 488040
 Ion Ratio Lower Upper
 84 100
 49 137.4 110.4 165.6
 51 40.2 33.3 49.9
 86 64.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 135.080 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

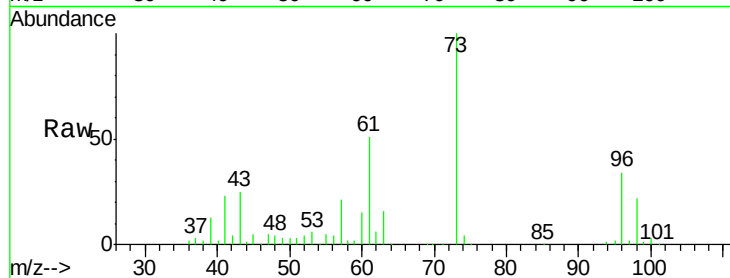
Tgt Ion: 96 Resp: 457430

Ion Ratio Lower Upper

96 100

61 151.1 120.2 180.2

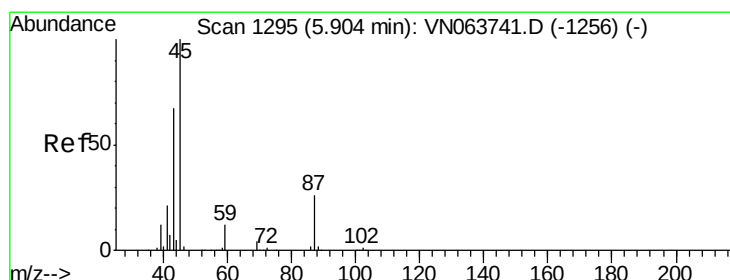
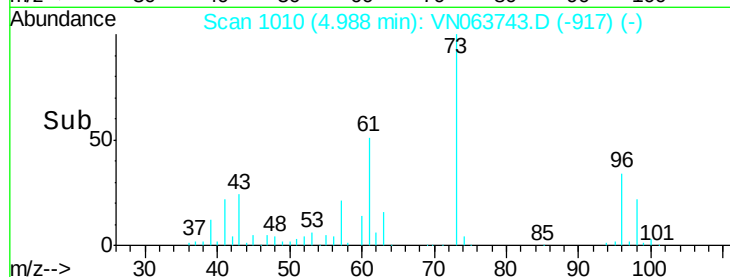
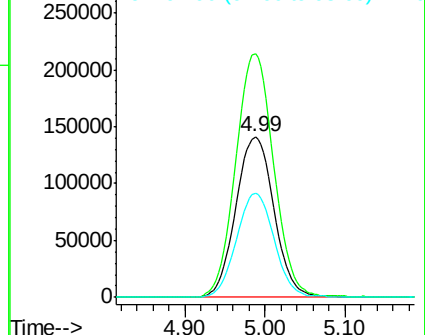
98 64.9 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063743.D (-1010) (-)

Ion 60.90 (60.60 to 61.60): VN063743.D (-1010) (-)

Ion 97.90 (97.60 to 98.60): VN063743.D (-1010) (-)



#22

Diisopropyl ether

Concen: 139.163 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Tgt Ion: 45 Resp: 1716295

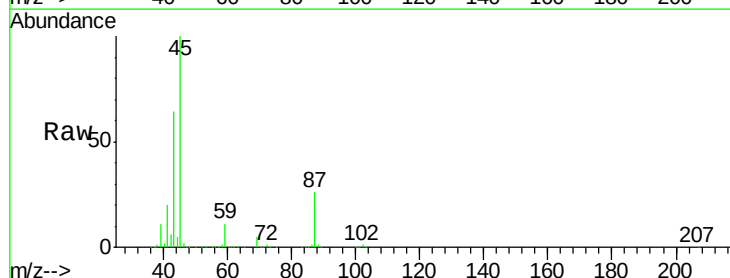
Ion Ratio Lower Upper

45 100

43 63.5 53.7 80.5

87 26.2 21.1 31.7

59 10.9 9.2 13.8

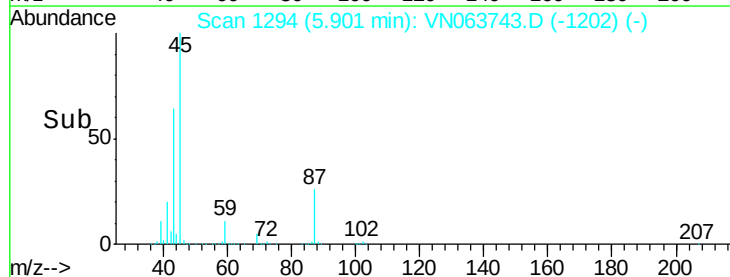
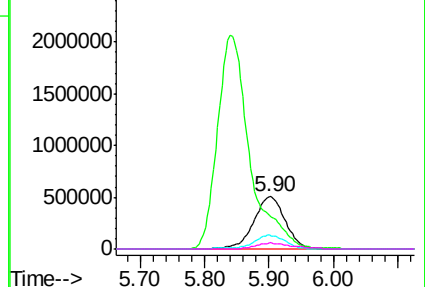


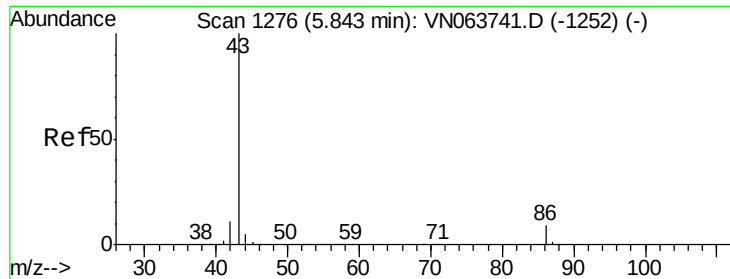
Abundance Ion 45.00 (44.70 to 45.70): VN063743.D (-1294) (-)

Ion 43.00 (42.70 to 43.70): VN063743.D (-1294) (-)

Ion 87.00 (86.70 to 87.70): VN063743.D (-1294) (-)

Ion 59.00 (58.70 to 59.70): VN063743.D (-1294) (-)

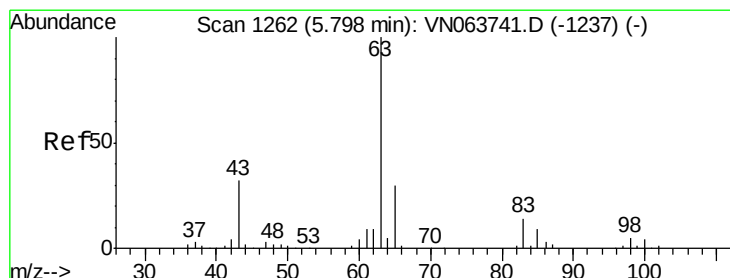
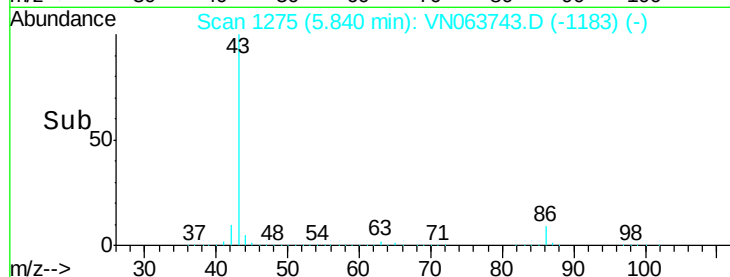
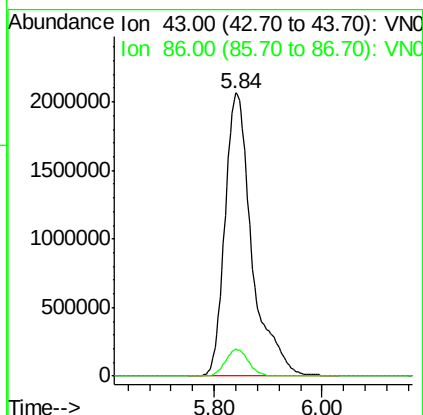
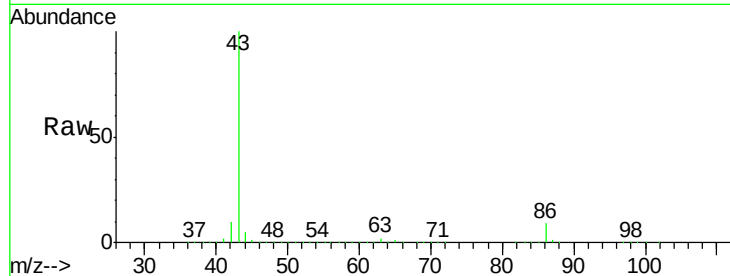




#23
 Vinyl Acetate
 Concen: 711.753 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

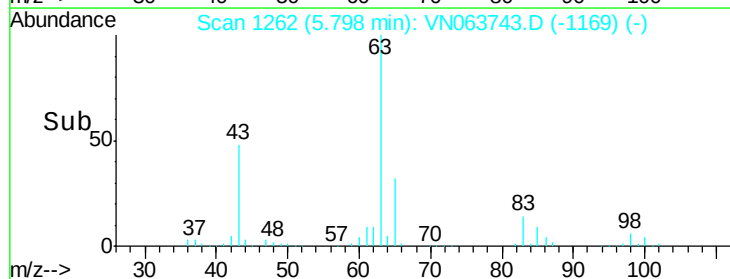
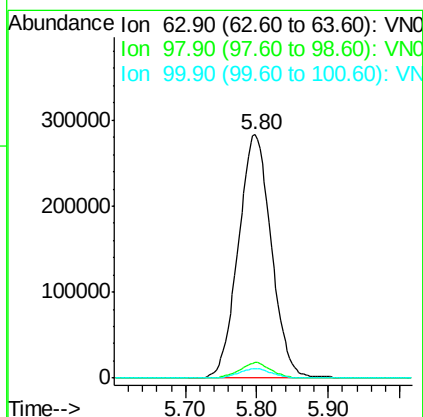
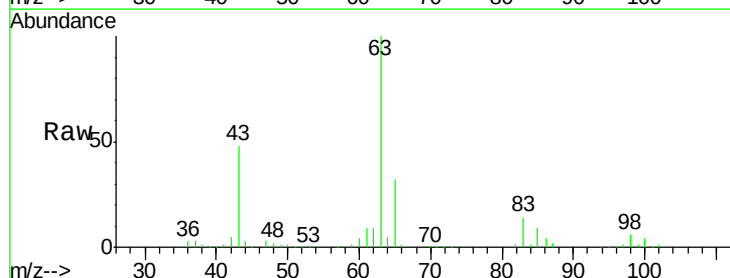
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

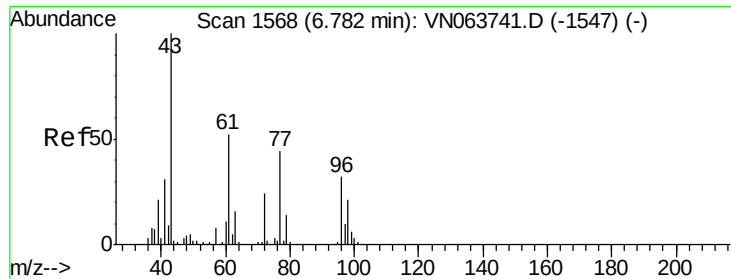
Tgt Ion: 43 Resp: 7190052
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 135.183 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 63 Resp: 910527
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.9 1.9 5.7

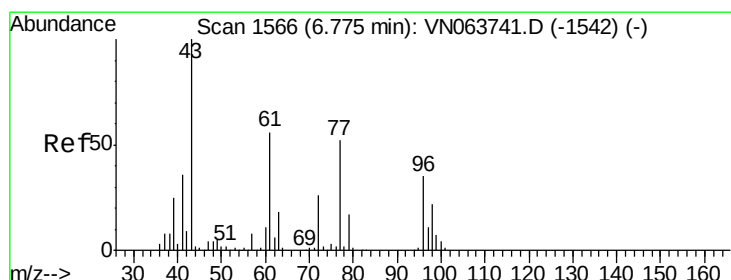
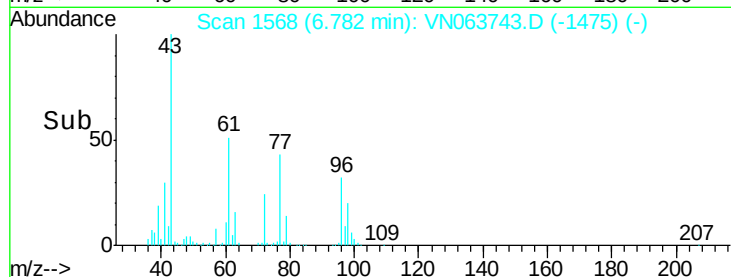
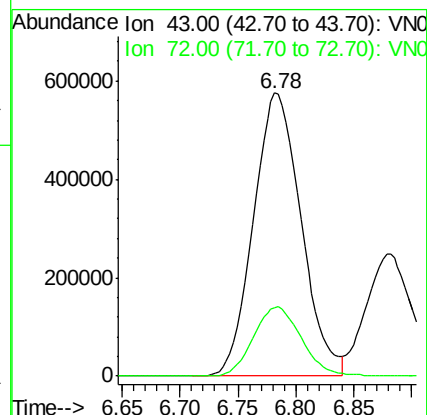
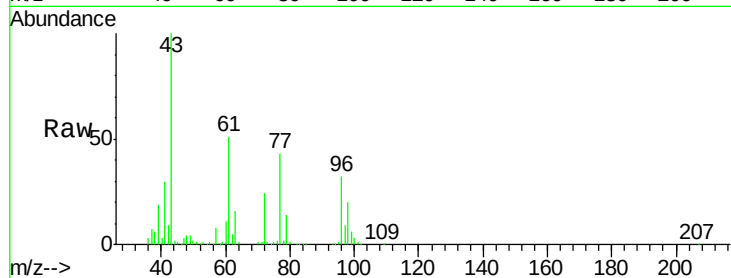




#25
 2-Butanone
 Concen: 718.907 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

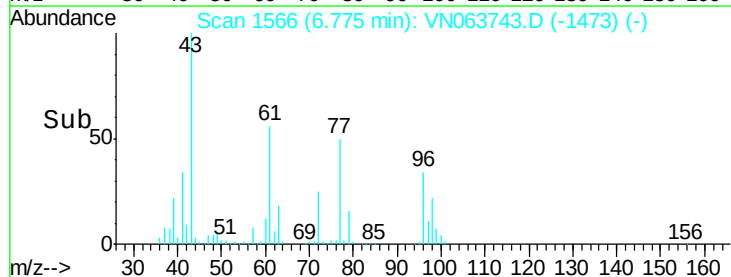
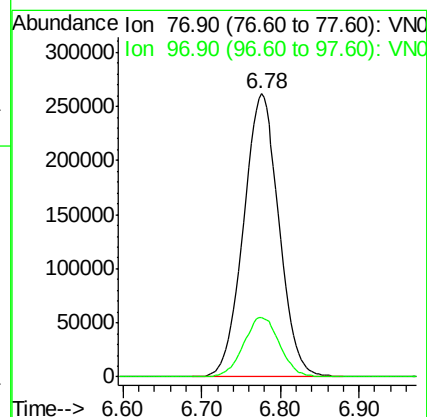
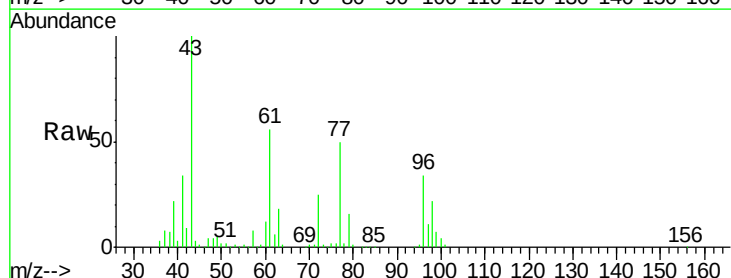
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

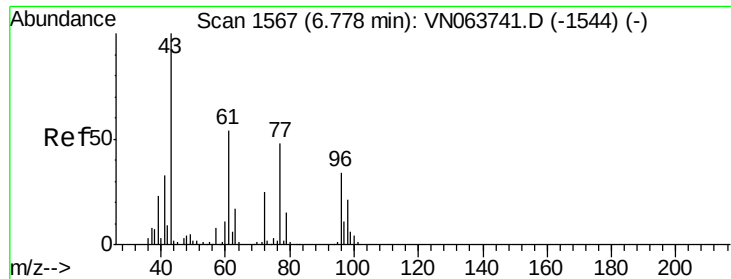
Tgt Ion: 43 Resp: 1641950
 Ion Ratio Lower Upper
 43 100
 72 24.4 19.3 28.9



#26
 2,2-Dichloropropane
 Concen: 138.686 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 77 Resp: 829488
 Ion Ratio Lower Upper
 77 100
 97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 141.323 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

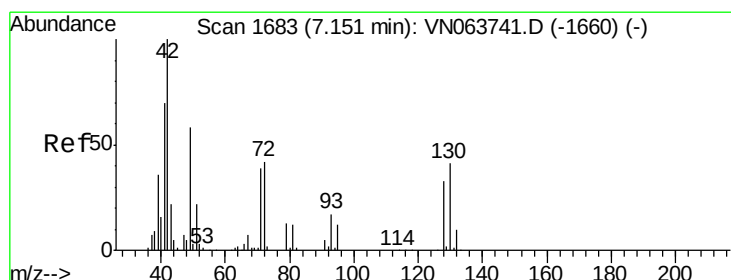
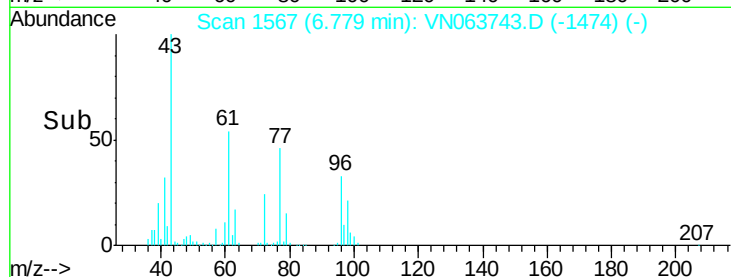
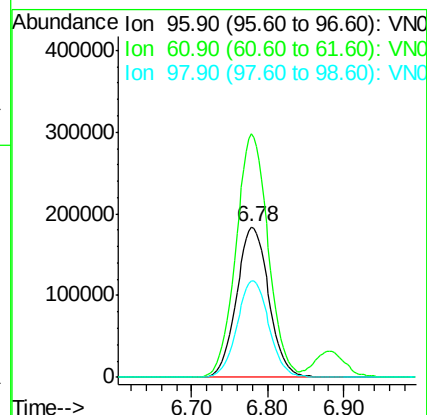
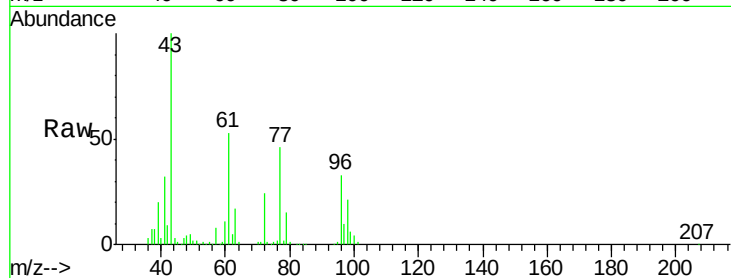
Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 541928

Ion	Ratio	Lower	Upper
96	100		
61	161.1	0.0	321.2
98	63.7	0.0	124.4



#28

Bromochloromethane

Concen: 159.822 ug/l

RT: 7.15 min Scan# 1682

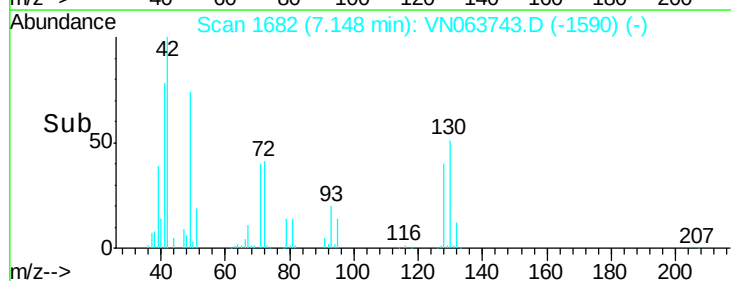
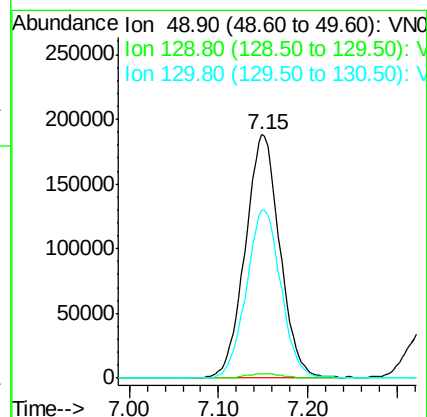
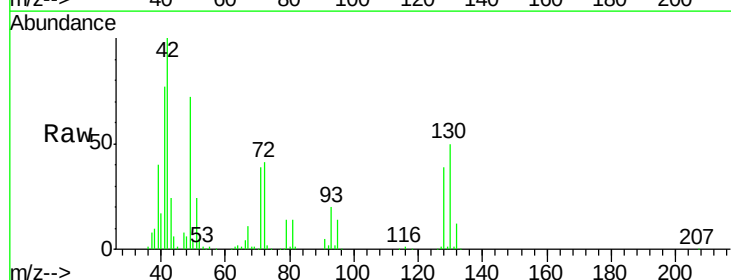
Delta R.T. -0.00 min

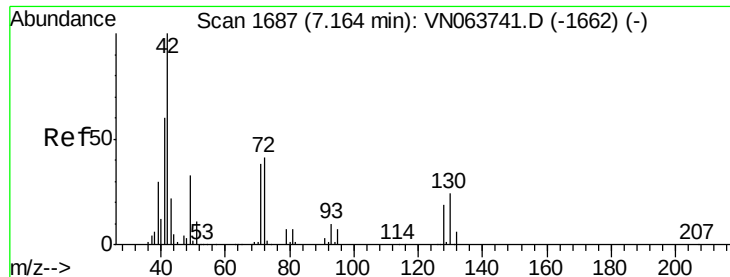
Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Tgt Ion: 49 Resp: 507772

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	69.0	55.6	83.4

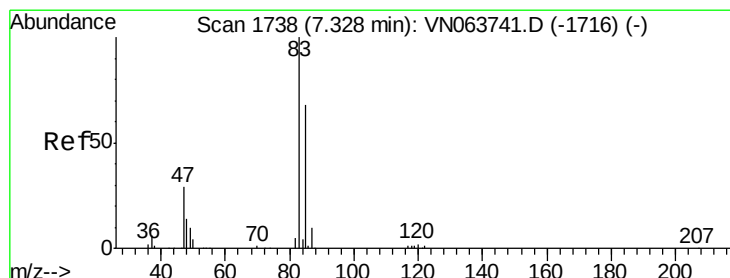
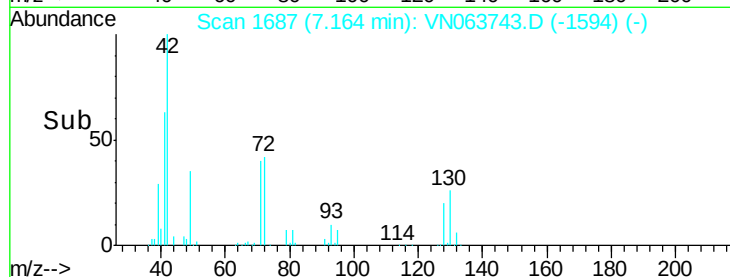
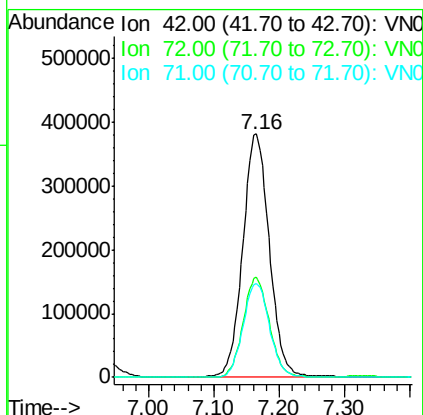
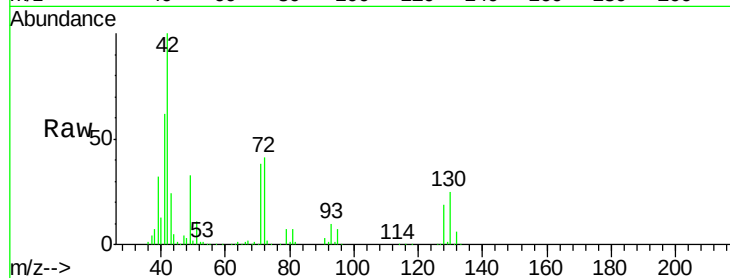




#29
Tetrahydrofuran
Concen: 692.497 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

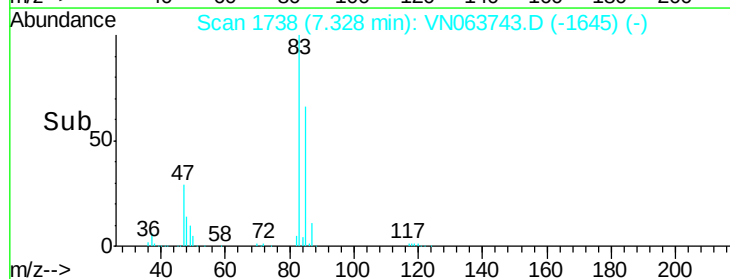
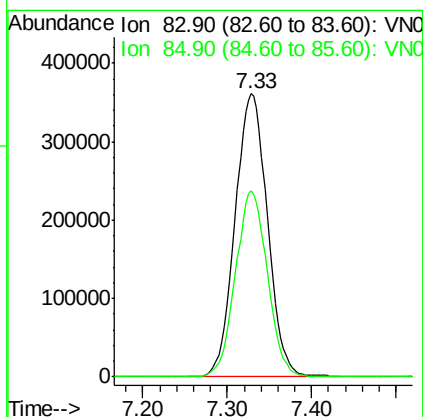
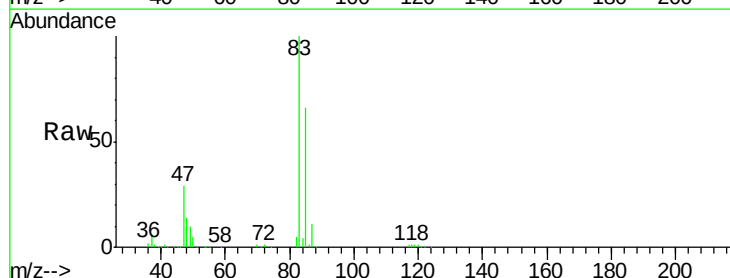
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

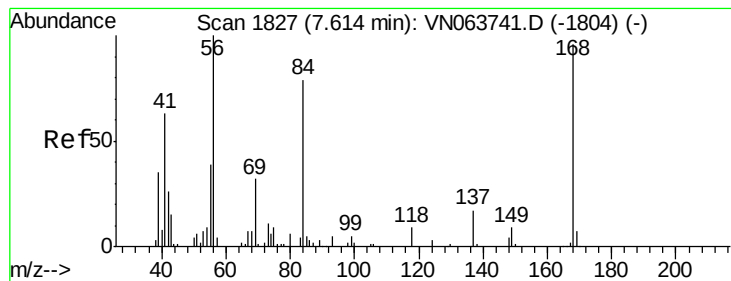
Tgt Ion: 42 Resp: 1079535
Ion Ratio Lower Upper
42 100
72 40.4 32.8 49.2
71 38.5 30.6 45.8



#30
Chloroform
Concen: 142.153 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion: 83 Resp: 967239
Ion Ratio Lower Upper
83 100
85 65.7 54.6 82.0





#31

Cyclohexane

Concen: 123.567 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

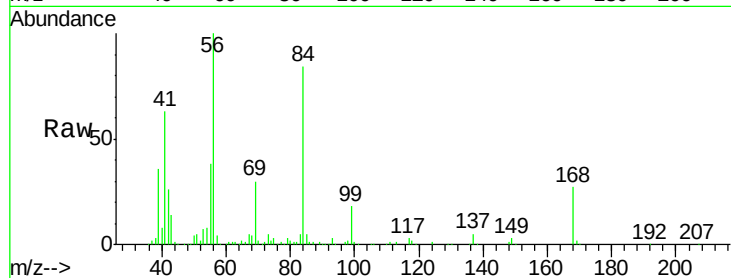
Tgt Ion: 56 Resp: 775320

Ion Ratio Lower Upper

56 100

69 30.0 25.4 38.2

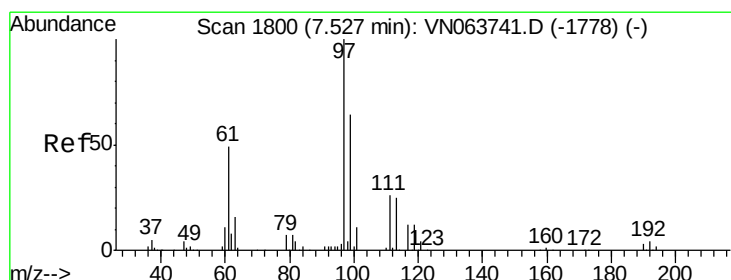
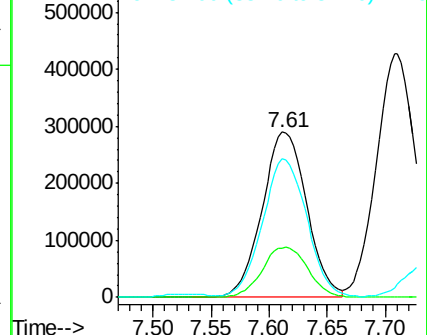
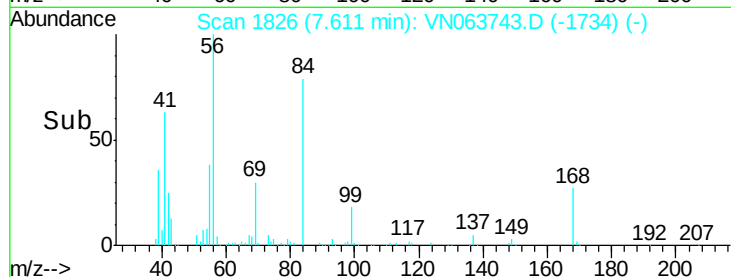
84 81.6 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063743.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063743.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063743.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 148.558 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

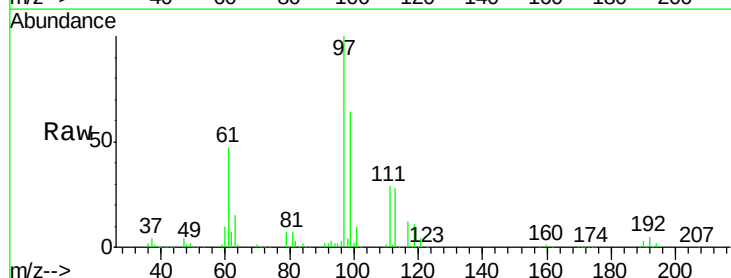
Tgt Ion: 97 Resp: 905035

Ion Ratio Lower Upper

97 100

99 63.3 51.0 76.6

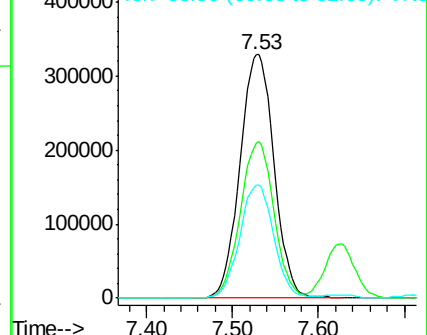
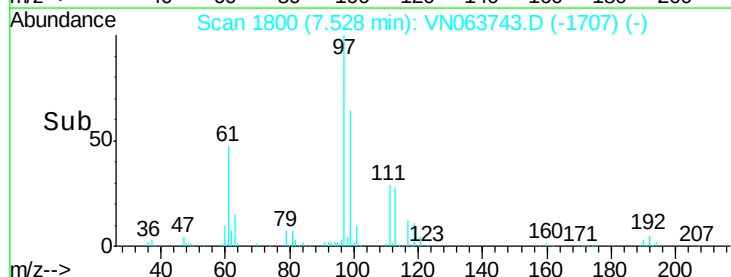
61 46.3 38.7 58.1

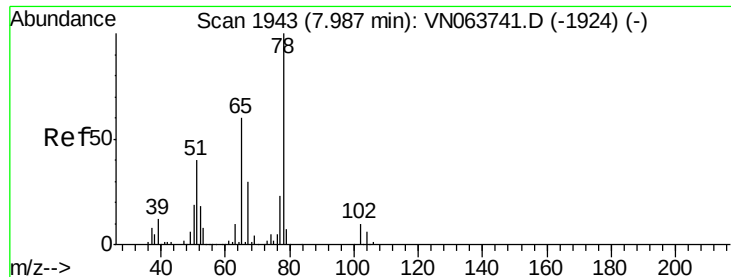


Abundance Ion 96.90 (96.60 to 97.60): VN063743.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063743.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063743.D (-1707) (-)

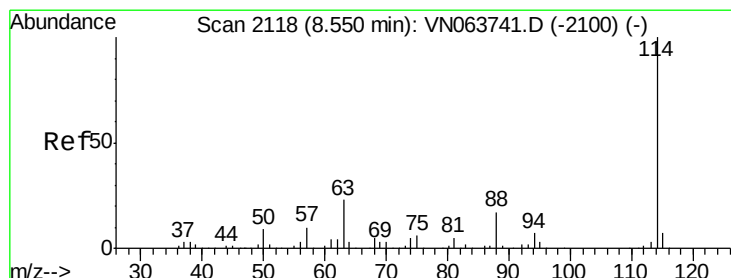
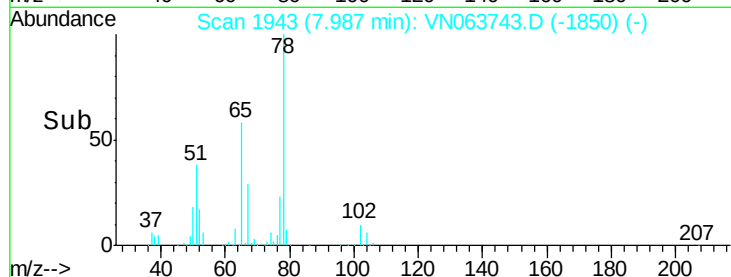
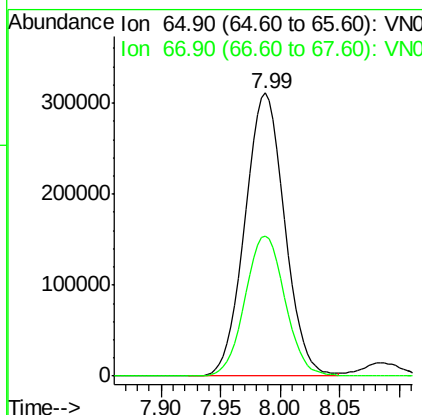
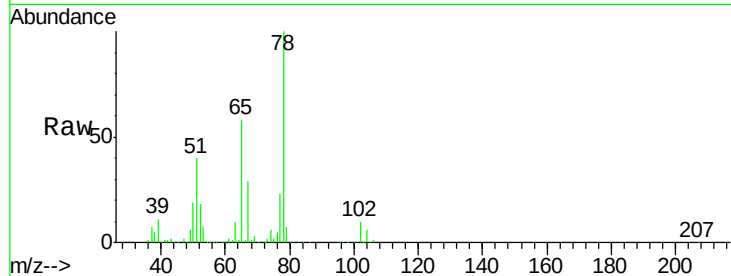




#33
 1,2-Dichloroethane-d4
 Concen: 152.924 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

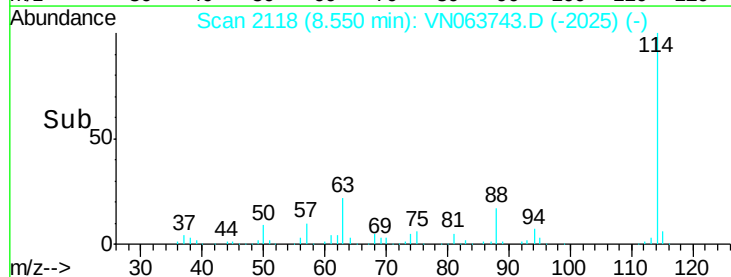
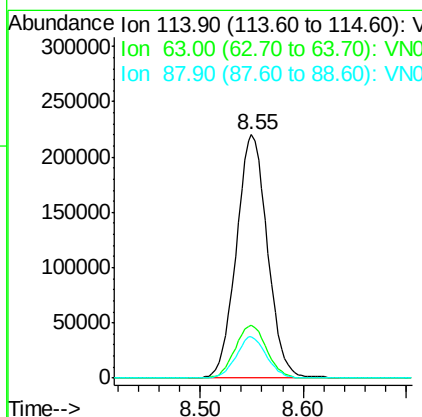
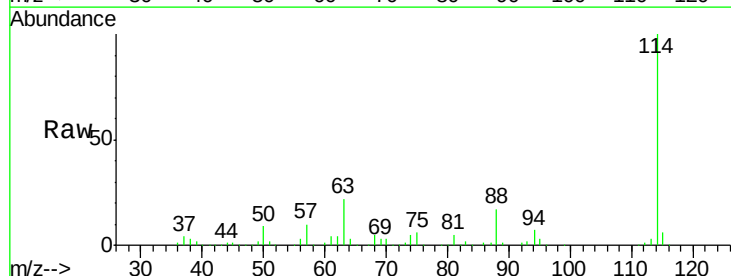
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

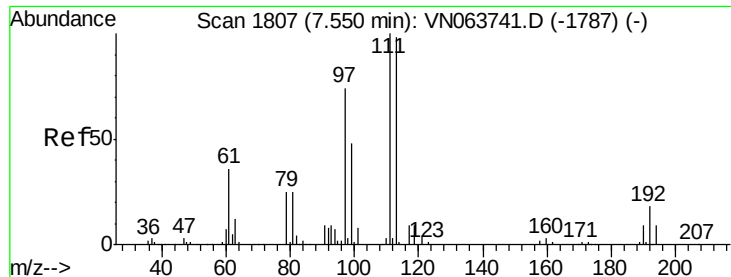
Tgt Ion: 65 Resp: 719881
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 114 Resp: 461793
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.0
 88 17.1 0.0 34.0

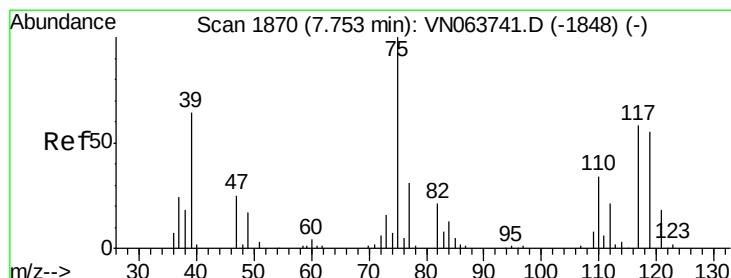
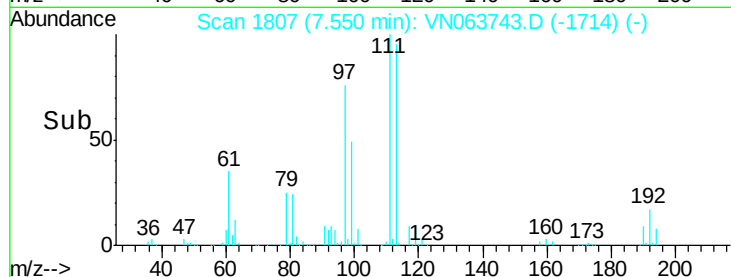
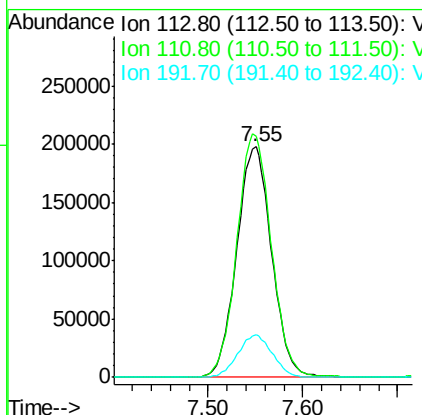
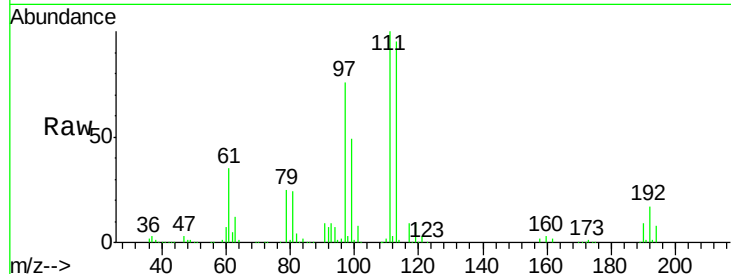




#35
 Dibromofluoromethane
 Concen: 158.207 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

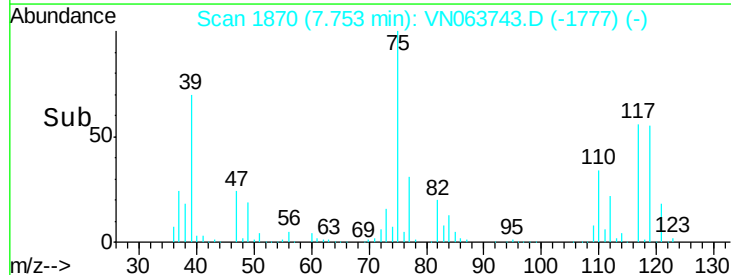
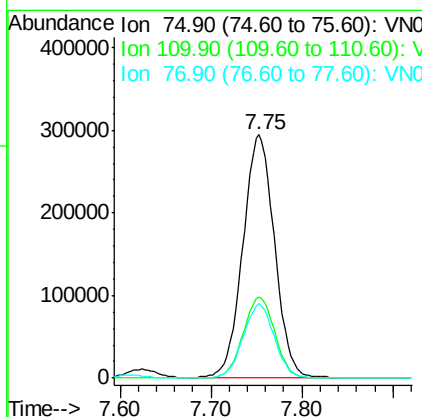
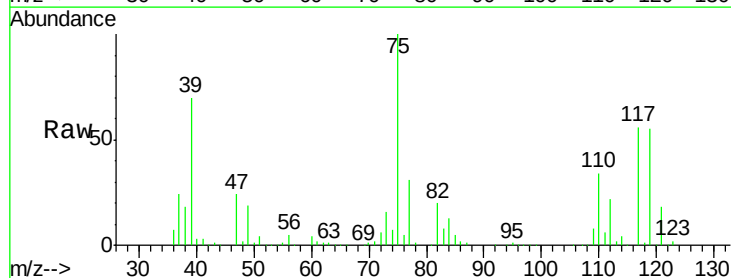
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

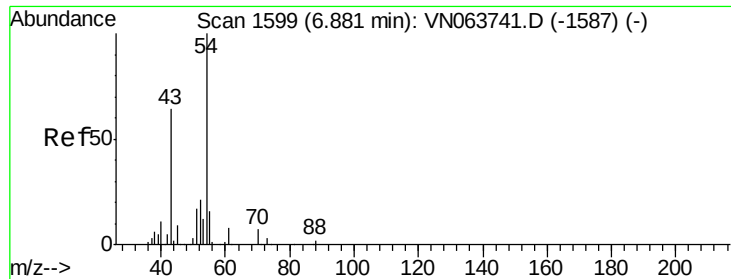
Tgt Ion: 113 Resp: 507424
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.8 122.8
 192 18.3 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 146.895 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 75 Resp: 711893
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 30.3 24.5 36.7

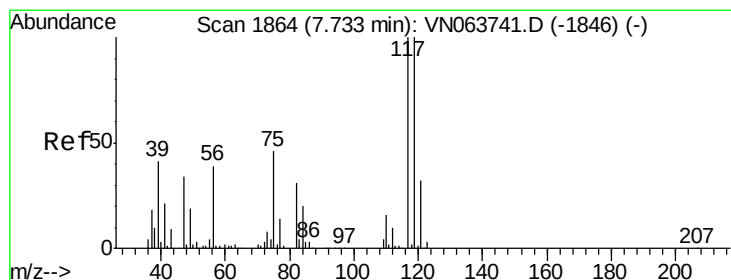
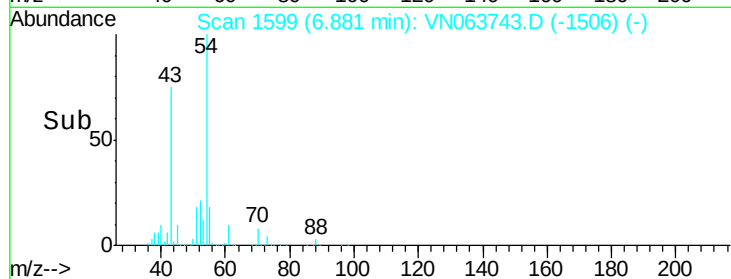
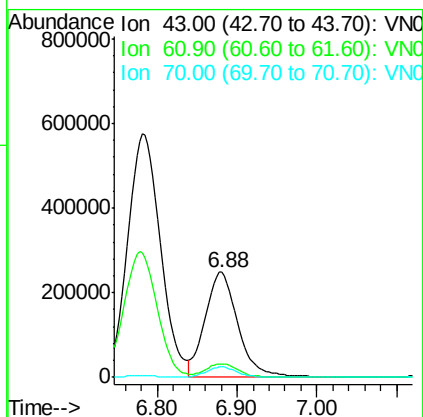
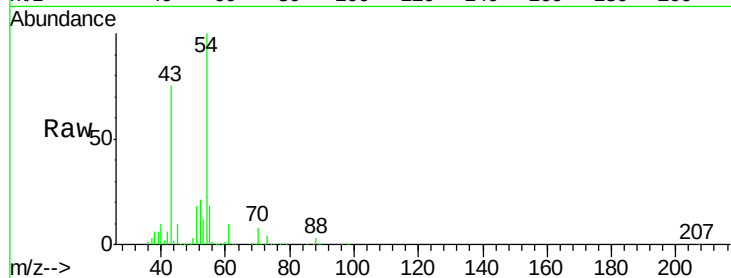




#37
 Ethyl Acetate
 Concen: 148.912 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

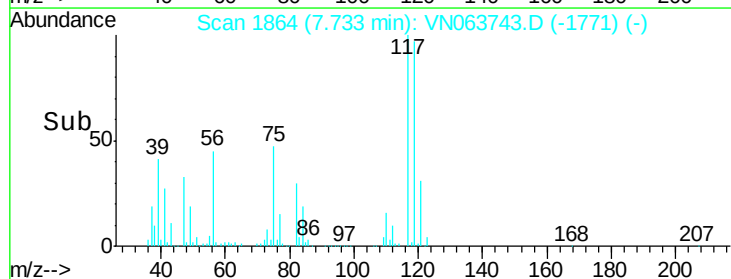
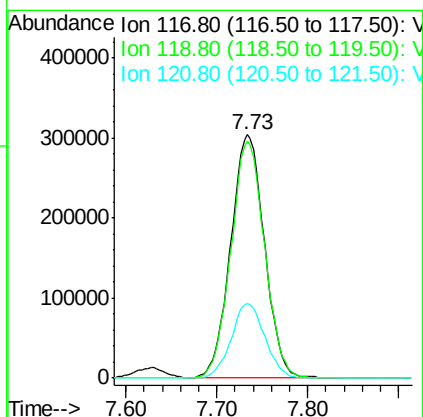
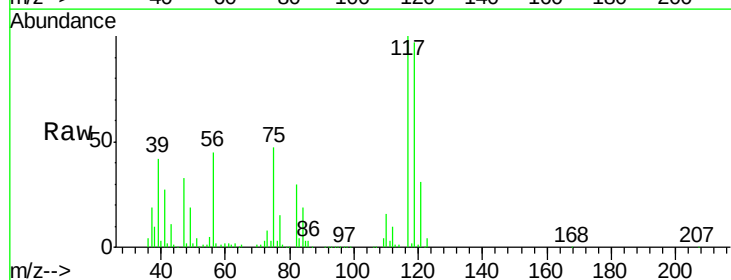
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

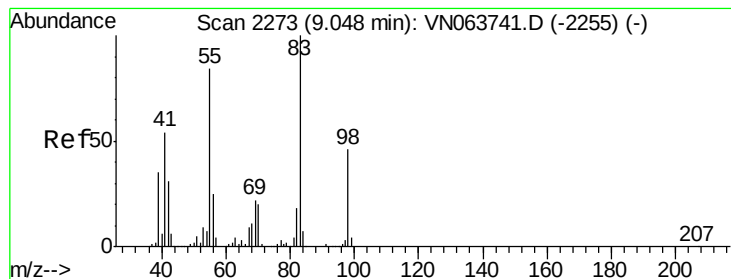
Tgt Ion: 43 Resp: 705388
 Ion Ratio Lower Upper
 43 100
 61 12.6 10.4 15.6
 70 9.3 7.3 10.9



#38
 Carbon Tetrachloride
 Concen: 156.314 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 117 Resp: 781032
 Ion Ratio Lower Upper
 117 100
 119 97.5 80.1 120.1
 121 30.7 25.7 38.5





#39

Methylcyclohexane

Concen: 141.325 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

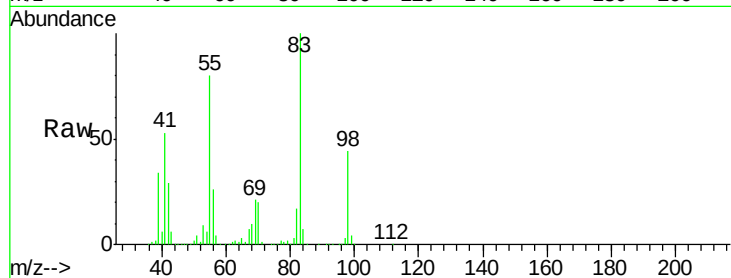
Tgt Ion: 83 Resp: 736923

Ion Ratio Lower Upper

83 100

55 79.9 67.1 100.7

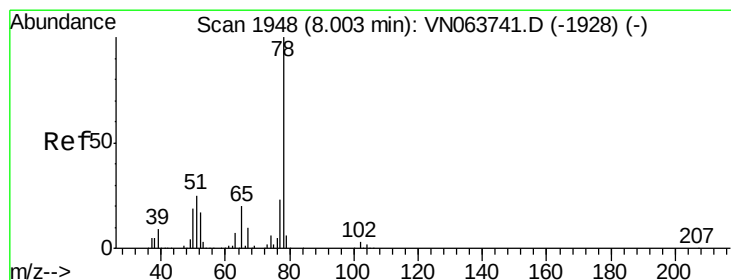
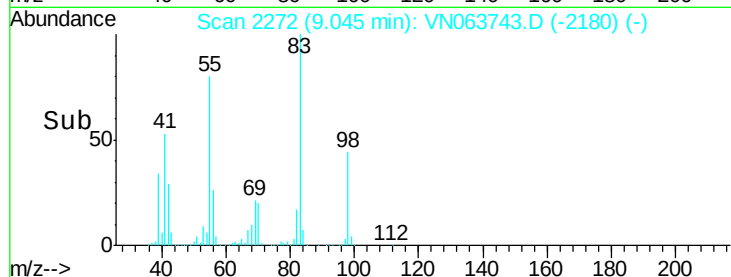
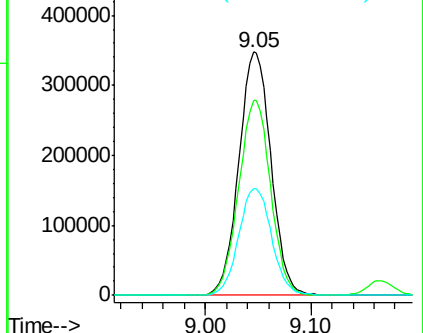
98 44.0 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VN063743.D (-2180) (-)

Ion 55.00 (54.70 to 55.70): VN063743.D (-2180) (-)

Ion 98.00 (97.70 to 98.70): VN063743.D (-2180) (-)



#40

Benzene

Concen: 144.622 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063743.D

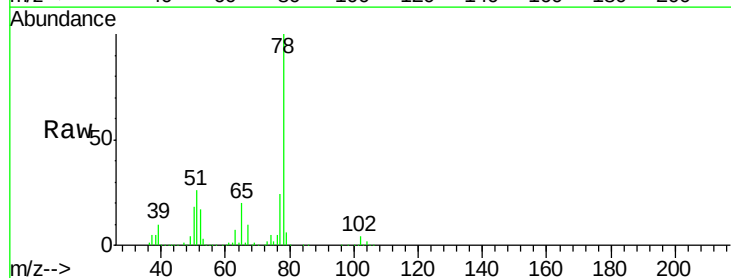
Acq: 30 Sep 2020 12:00

Tgt Ion: 78 Resp: 2000662

Ion Ratio Lower Upper

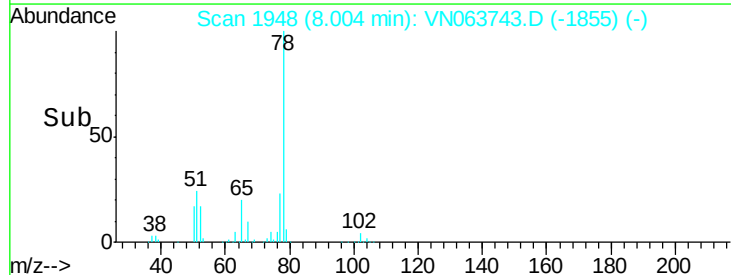
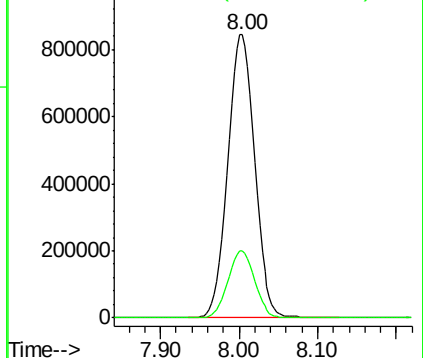
78 100

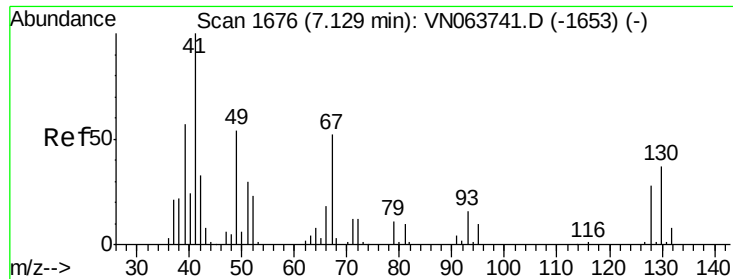
77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN063743.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN063743.D (-1855) (-)

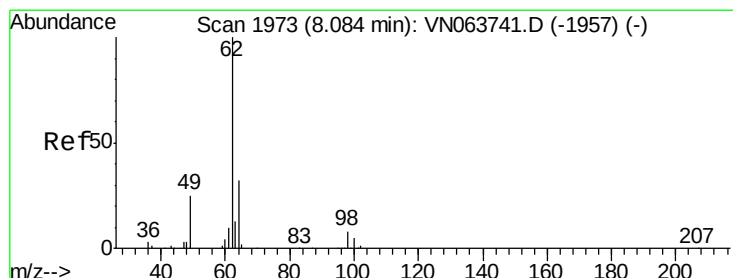
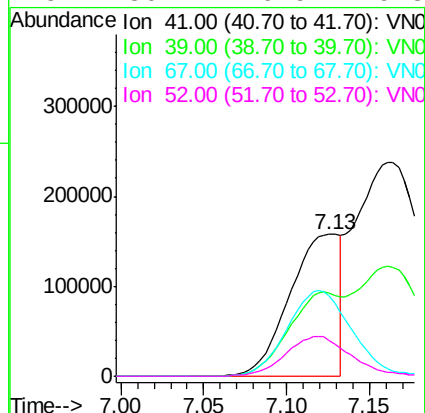
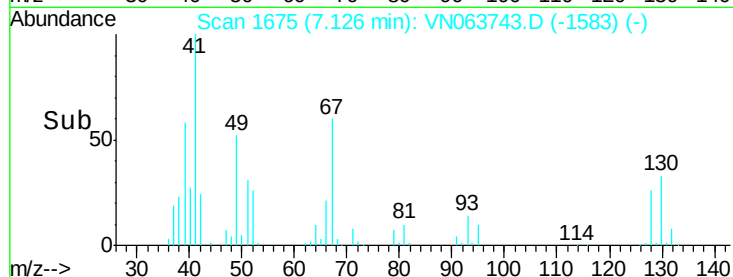
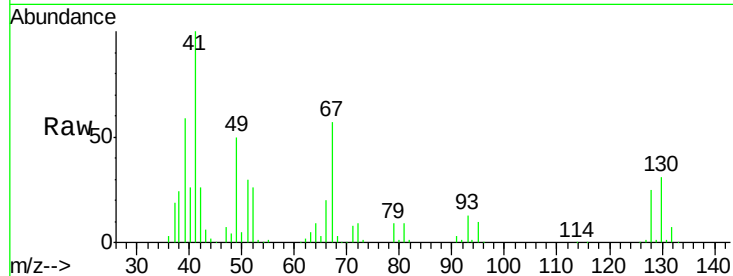




#41
Methacrylonitrile
Concen: 152.467 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

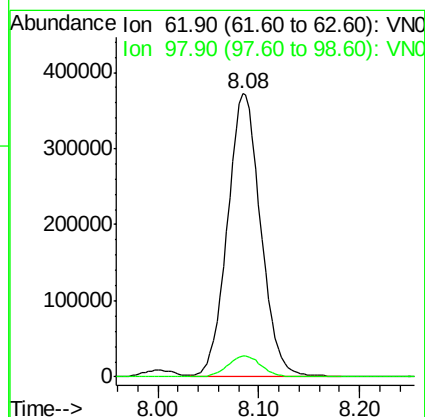
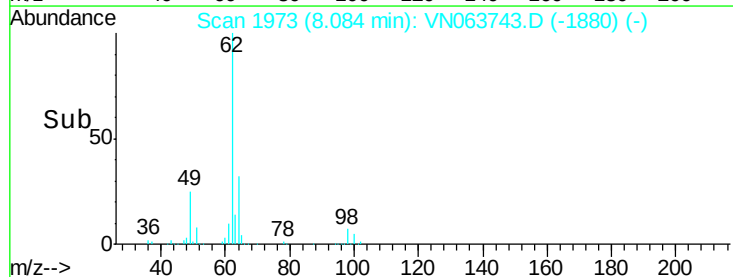
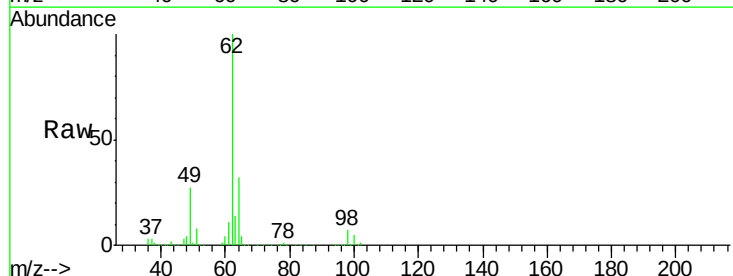
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

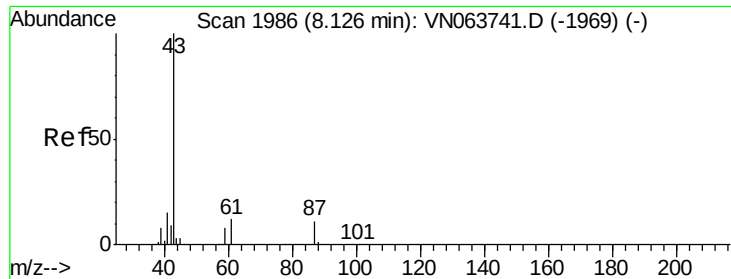
Tgt Ion:	41	Resp:	330766
Ion	Ratio	Lower	Upper
41	100		
39	59.2	42.5	63.7
67	78.8	57.4	86.2
52	36.4	26.9	40.3



#42
1,2-Dichloroethane
Concen: 151.071 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion:	62	Resp:	848409
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0





#43

Isopropyl Acetate

Concen: 146.754 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

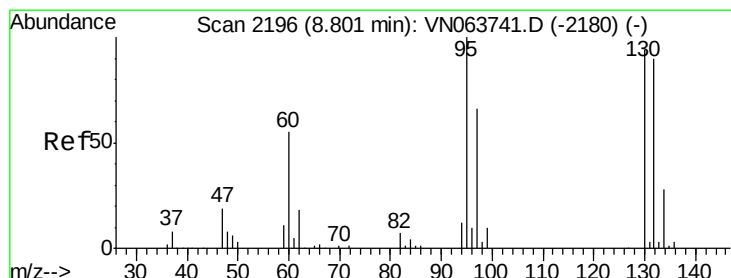
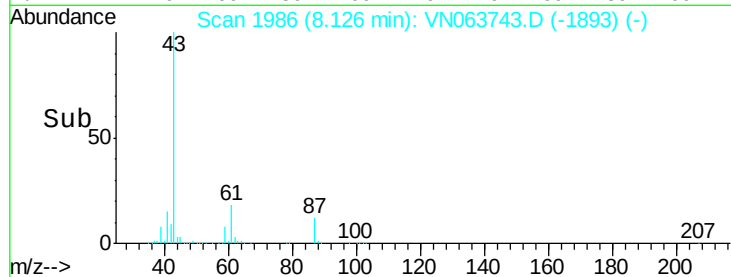
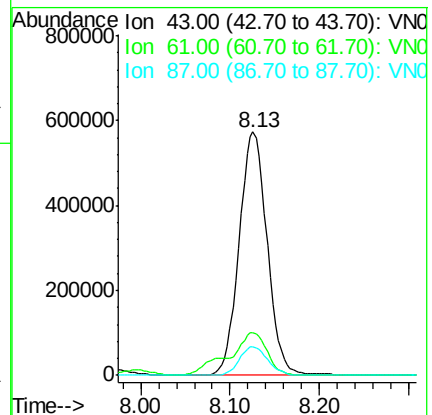
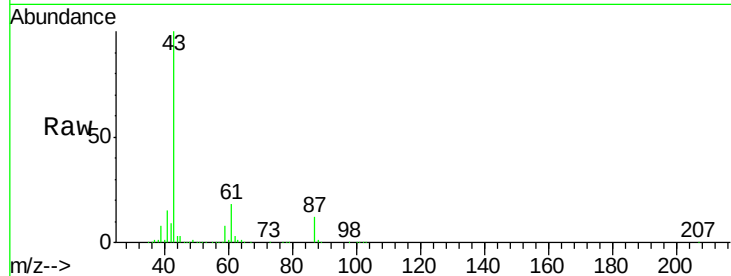
Tgt Ion: 43 Resp: 1245948

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.4

87 11.9 9.0 13.6



#44

Trichloroethene

Concen: 152.128 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063743.D

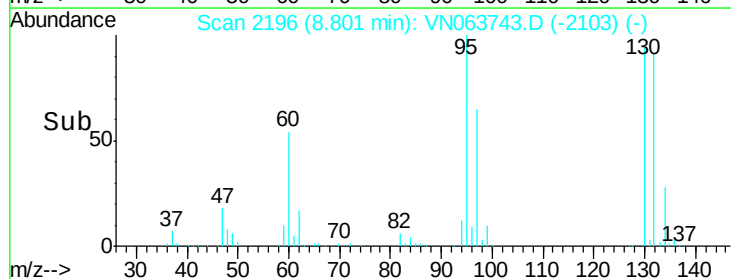
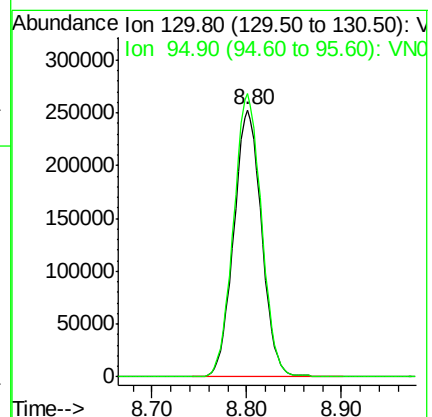
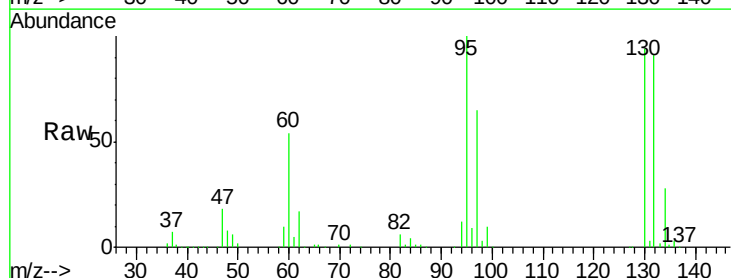
Acq: 30 Sep 2020 12:00

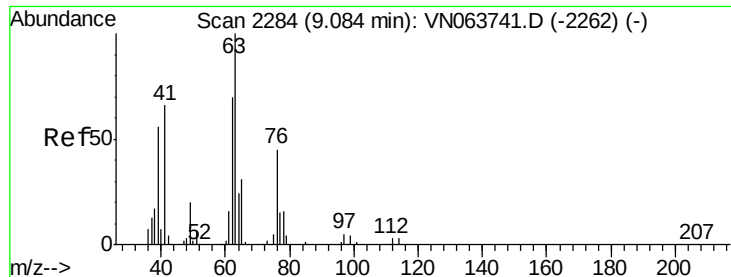
Tgt Ion: 130 Resp: 516568

Ion Ratio Lower Upper

130 100

95 106.1 0.0 213.6

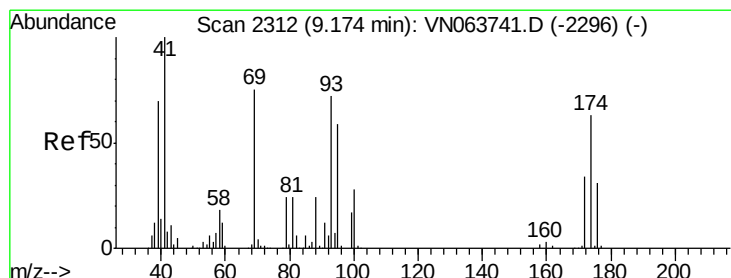
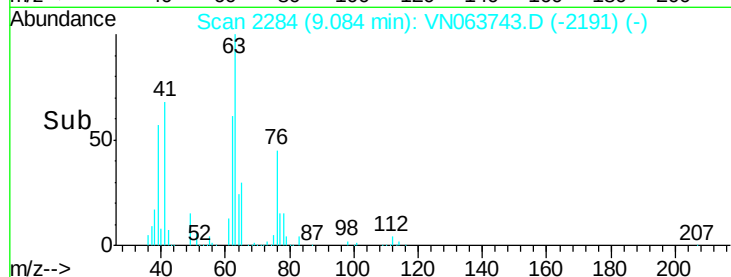
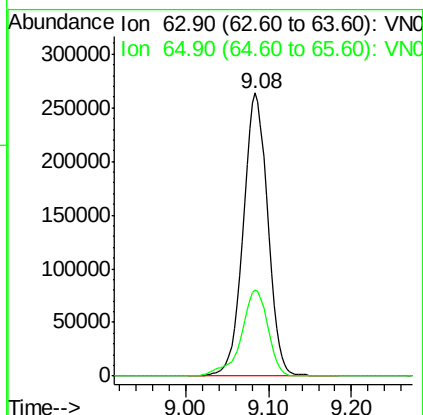
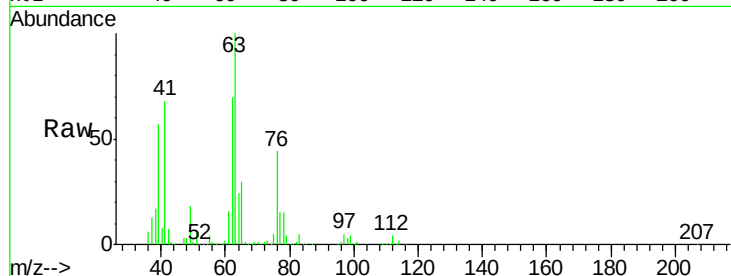




#45
 1,2-Dichloropropane
 Concen: 144.062 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

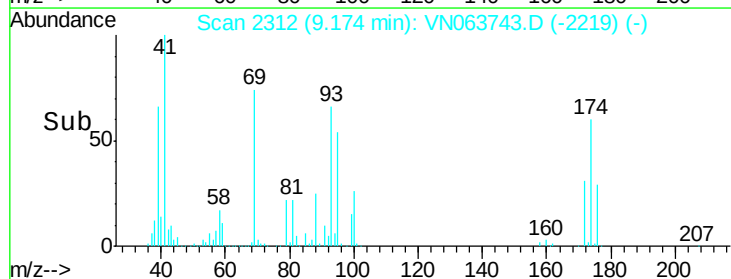
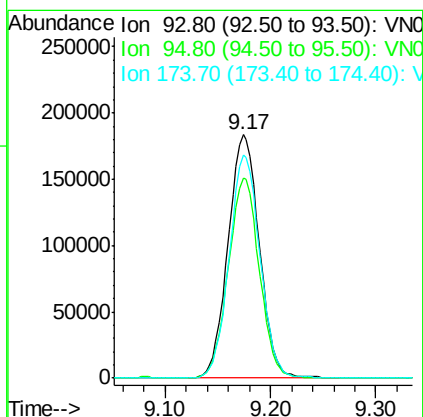
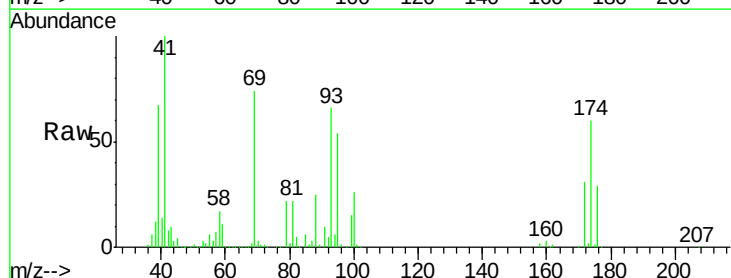
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

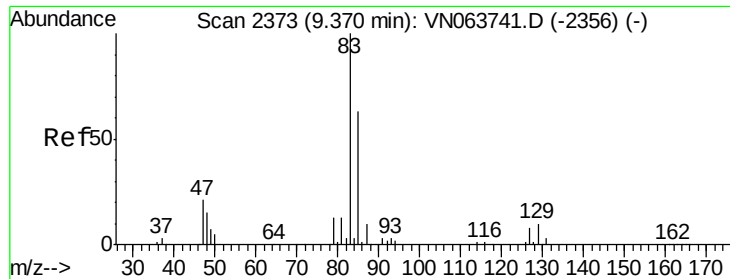
Tgt Ion: 63 Resp: 541988
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 151.444 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 93 Resp: 376542
 Ion Ratio Lower Upper
 93 100
 95 81.4 66.3 99.5
 174 90.3 72.7 109.1





#47

Bromodichloromethane

Concen: 155.257 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

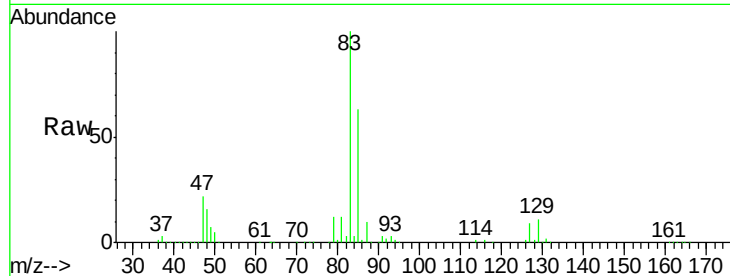
Tgt Ion: 83 Resp: 805916

Ion Ratio Lower Upper

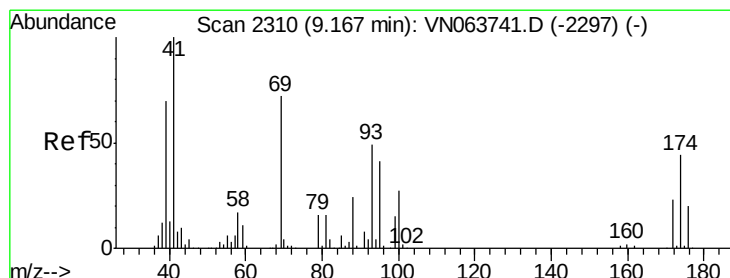
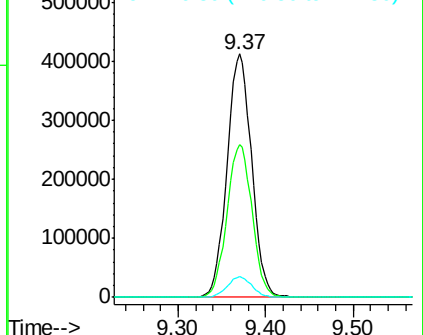
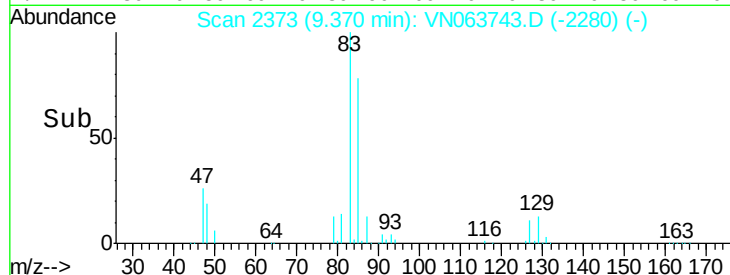
83 100

85 63.0 50.6 75.8

127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063743.D (-2280) (-)



#48

Methyl methacrylate

Concen: 150.837 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

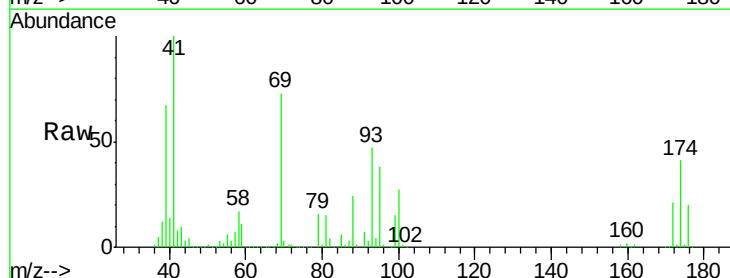
Tgt Ion: 41 Resp: 626794

Ion Ratio Lower Upper

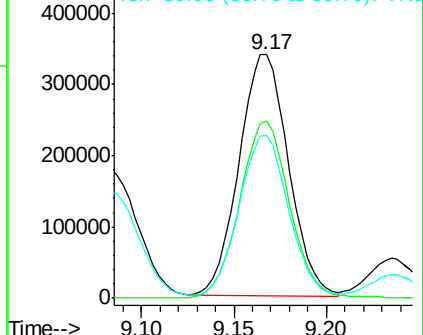
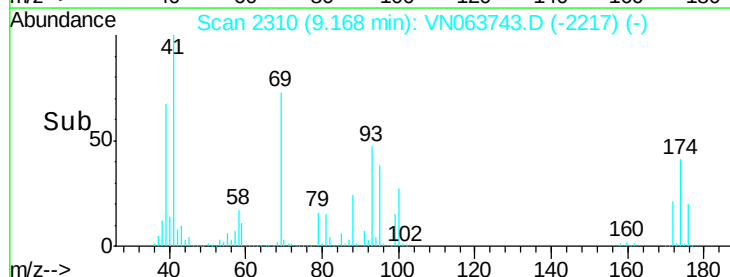
41 100

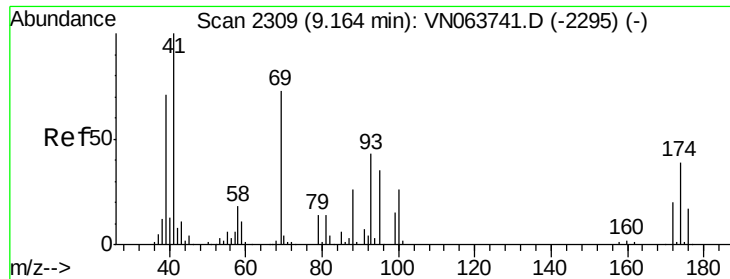
69 74.3 60.9 91.3

39 68.6 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VN063743.D (-2217) (-)





#49

1,4-Dioxane

Concen: 2807.938 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

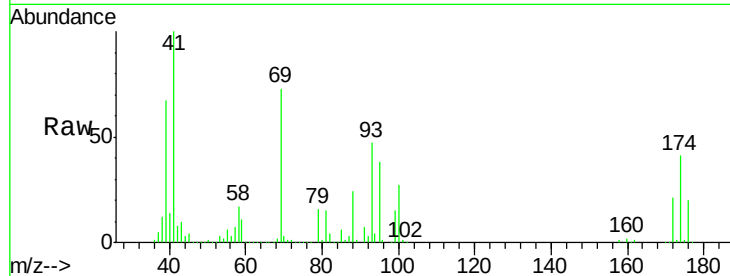
Tgt Ion: 88 Resp: 166704

Ion Ratio Lower Upper

88 100

43 40.3 33.1 49.7

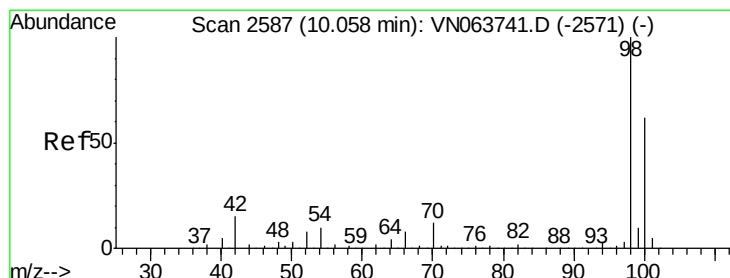
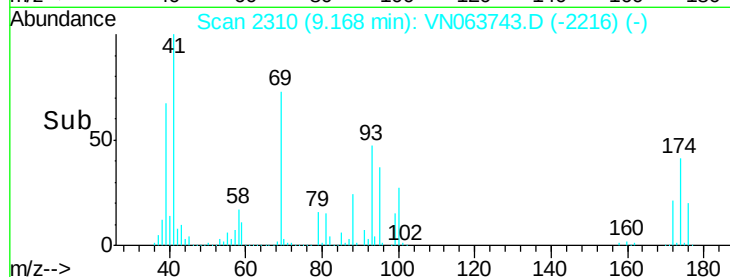
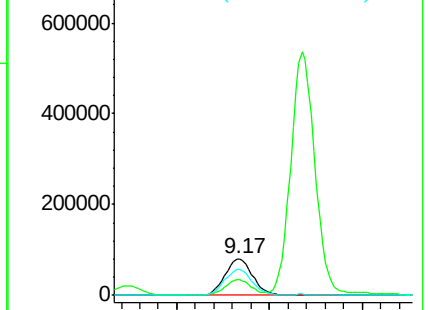
58 70.5 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063743.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063743.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063743.D (-2216) (-)



#50

Toluene-d8

Concen: 162.302 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063743.D

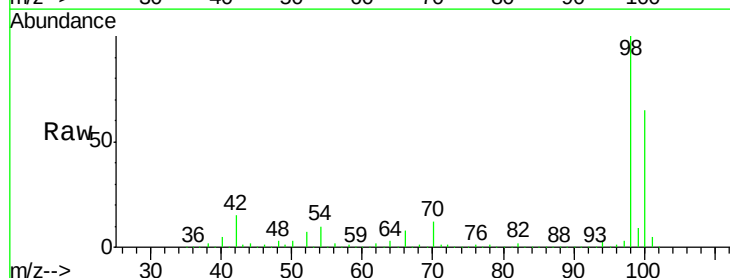
Acq: 30 Sep 2020 12:00

Tgt Ion: 98 Resp: 1946470

Ion Ratio Lower Upper

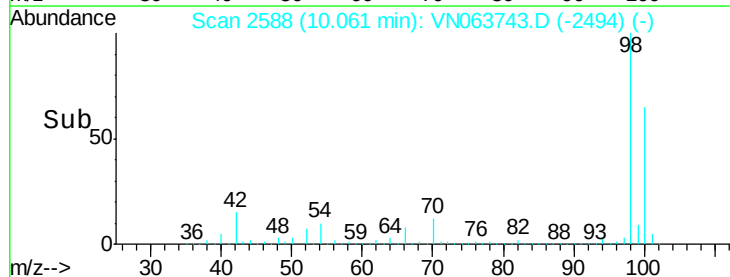
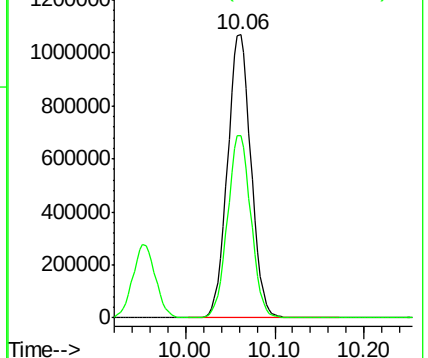
98 100

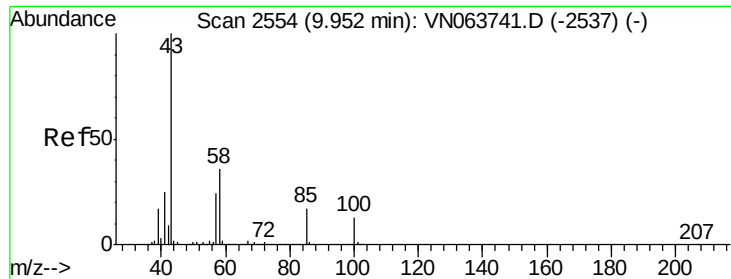
100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063743.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063743.D (-2494) (-)

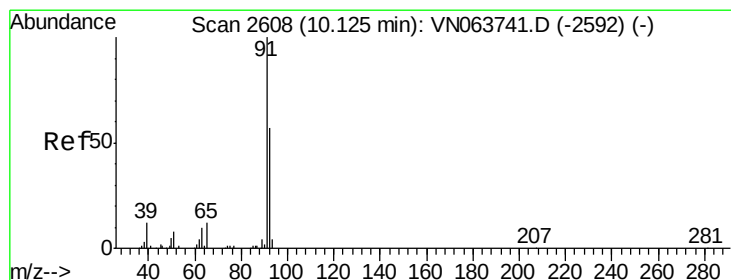
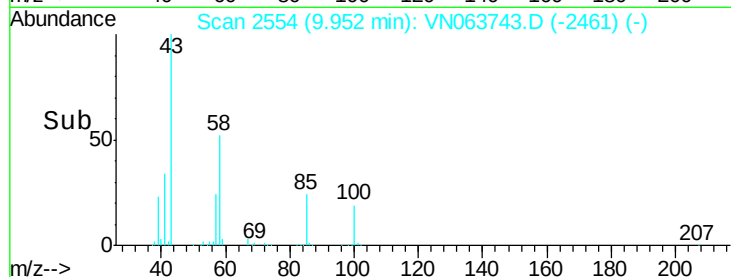
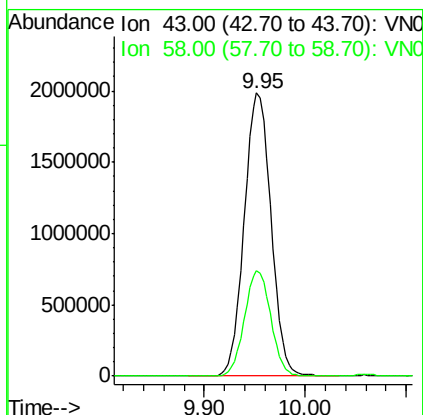
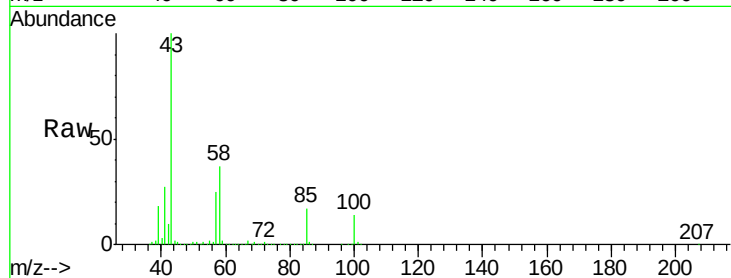




#51
 4-Methyl-2-Pentanone
 Concen: 757.496 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

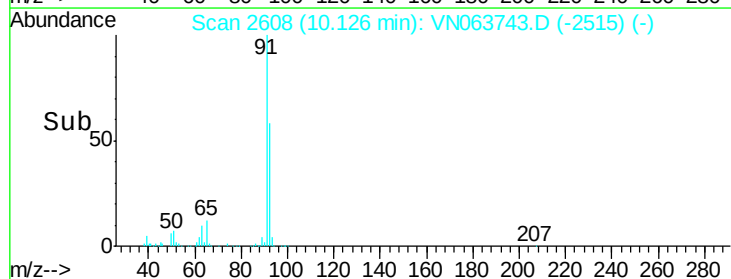
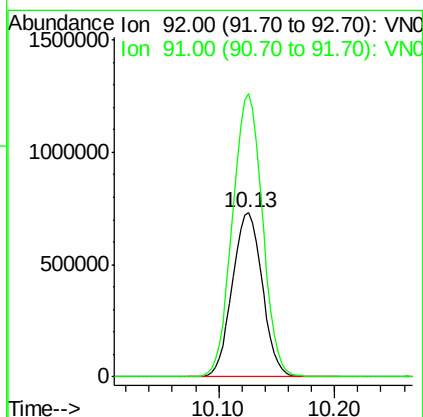
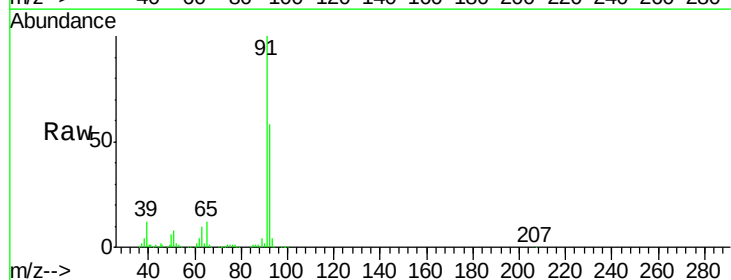
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

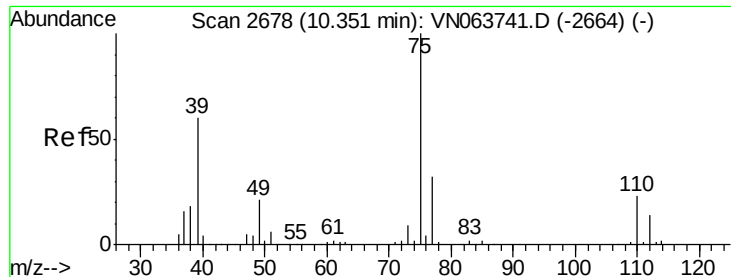
Tgt Ion: 43 Resp: 3629311
 Ion Ratio Lower Upper
 43 100
 58 36.6 28.4 42.6



#52
 Toluene
 Concen: 157.051 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 92 Resp: 1312087
 Ion Ratio Lower Upper
 92 100
 91 172.4 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 158.210 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

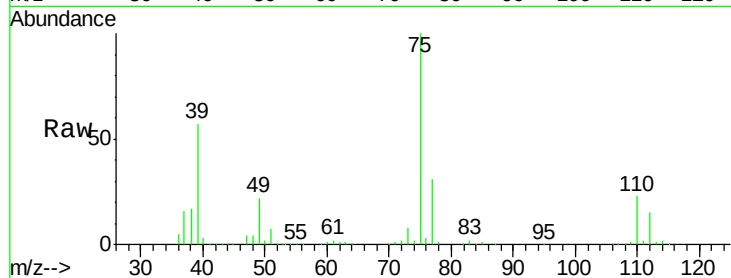
VSTDIC150

Tgt Ion: 75 Resp: 911647

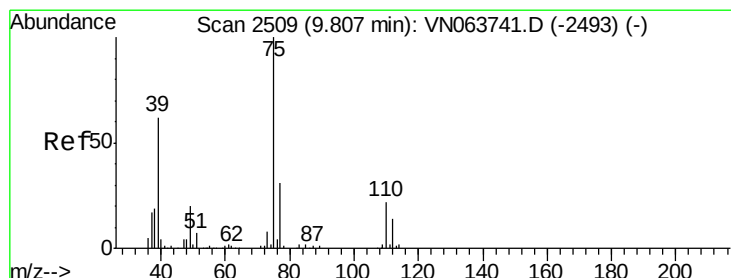
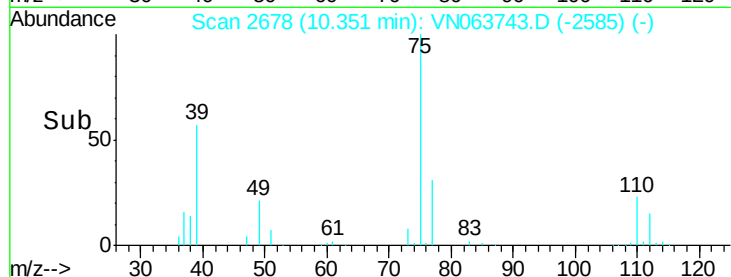
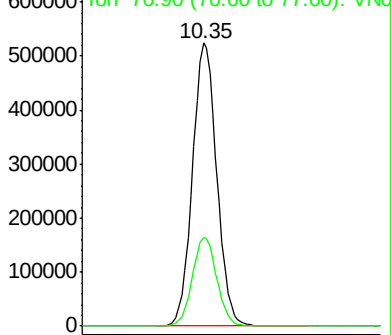
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN063743.D (-2585) (-)



#54

cis-1,3-Dichloropropene

Concen: 153.594 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

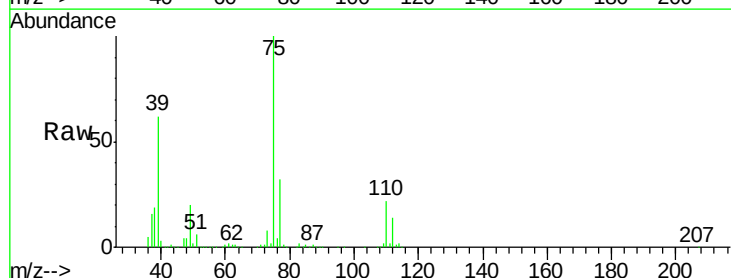
Tgt Ion: 75 Resp: 930387

Ion Ratio Lower Upper

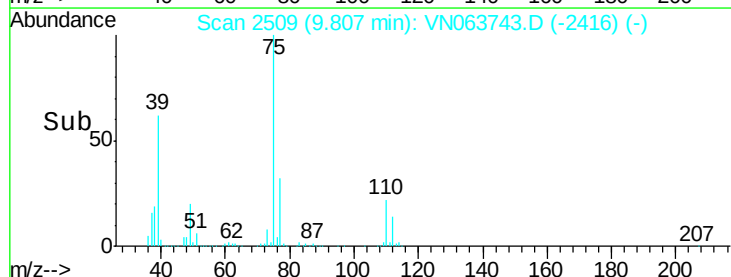
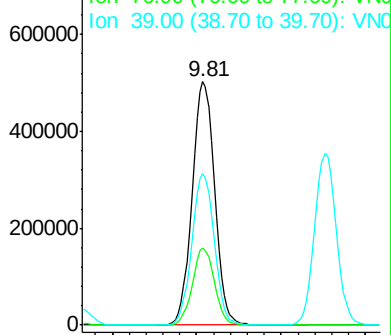
75 100

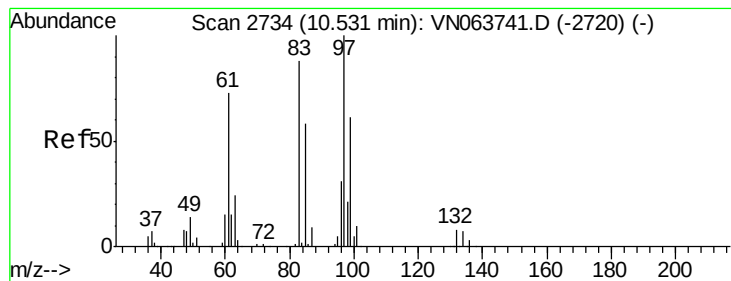
77 31.5 24.6 36.8

39 62.3 49.7 74.5



Abundance Ion 74.90 (74.60 to 75.60): VN063743.D (-2416) (-)





#55

1,1,2-Trichloroethane

Concen: 154.548 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 51536

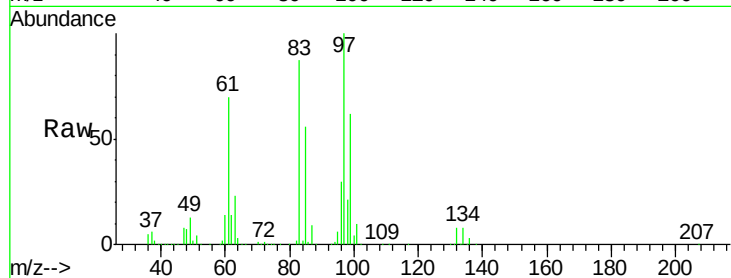
Ion Ratio Lower Upper

97 100

83 86.9 70.7 106.1

85 55.7 46.1 69.1

99 62.0 48.8 73.2

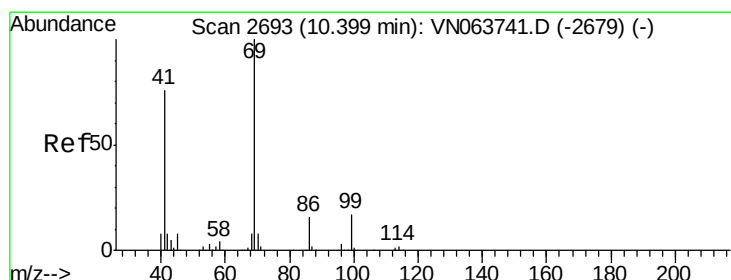
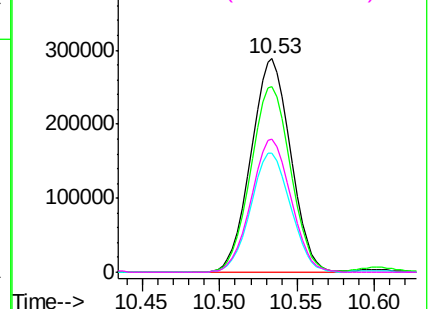
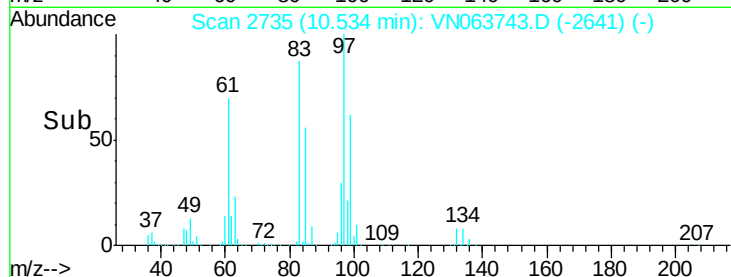


Abundance Ion 96.90 (96.60 to 97.60): VN063743.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063743.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN063743.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063743.D (-2641) (-)



#56

Ethyl methacrylate

Concen: 158.528 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

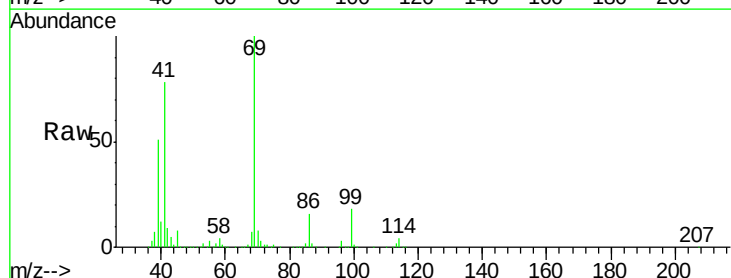
Tgt Ion: 69 Resp: 816827

Ion Ratio Lower Upper

69 100

41 76.9 61.1 91.7

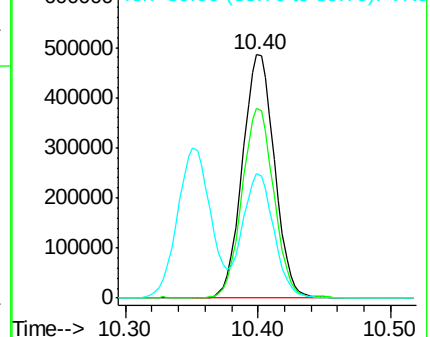
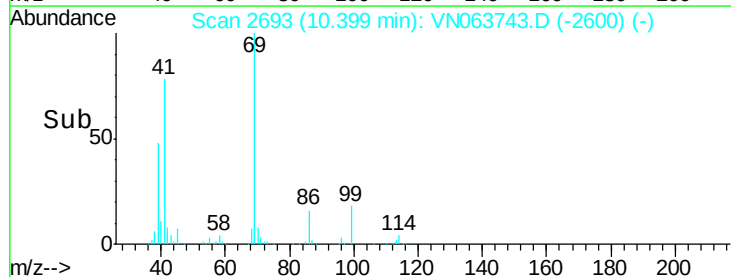
39 50.1 42.2 63.4

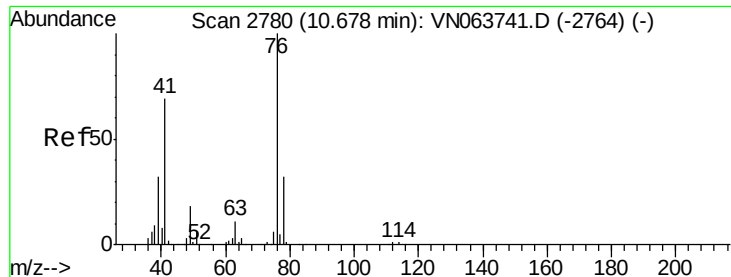


Abundance Ion 69.00 (68.70 to 69.70): VN063743.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063743.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063743.D (-2600) (-)

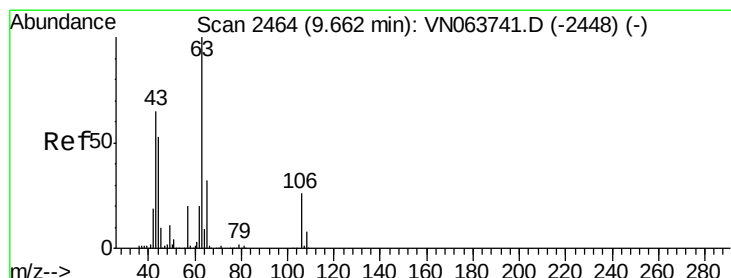
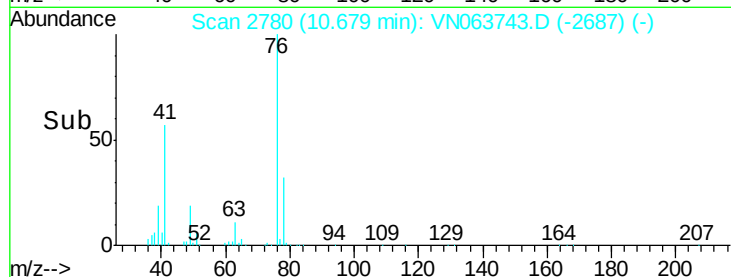
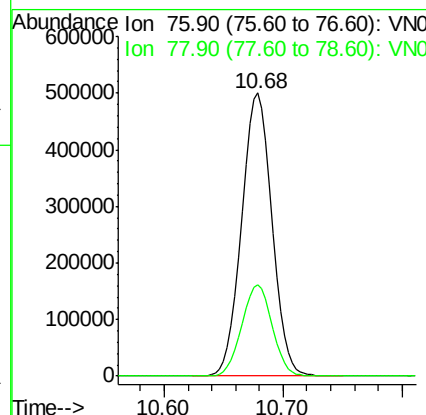
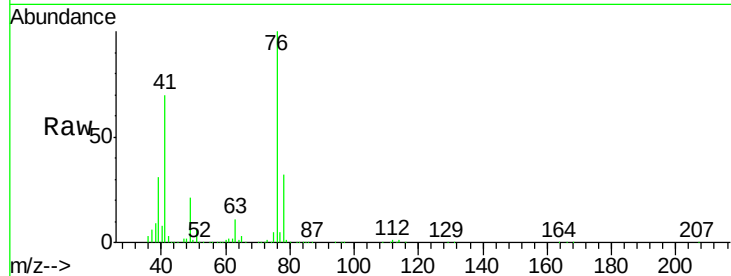




#57
 1,3-Dichloropropane
 Concen: 147.891 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

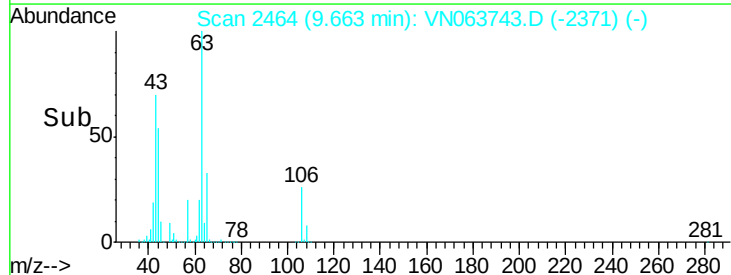
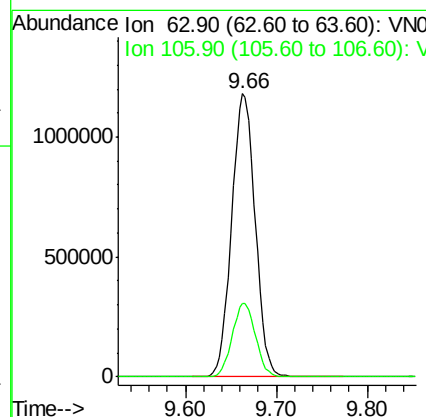
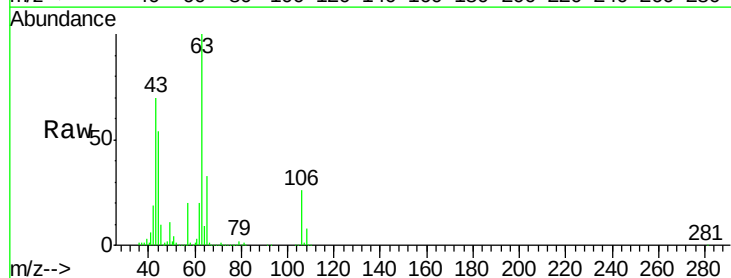
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

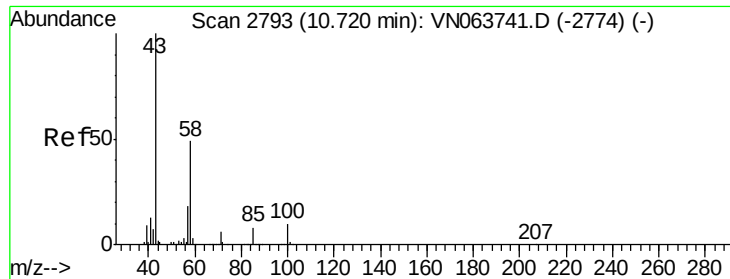
Tgt Ion: 76 Resp: 884362
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 777.209 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 63 Resp: 2120005
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1

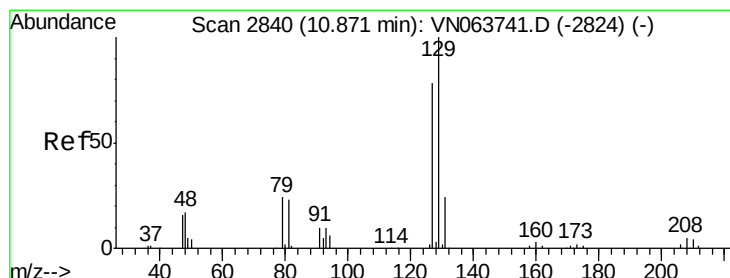
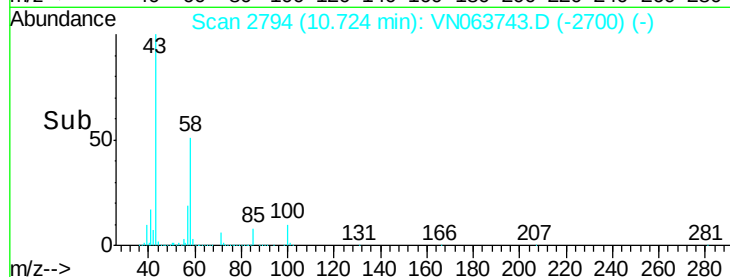
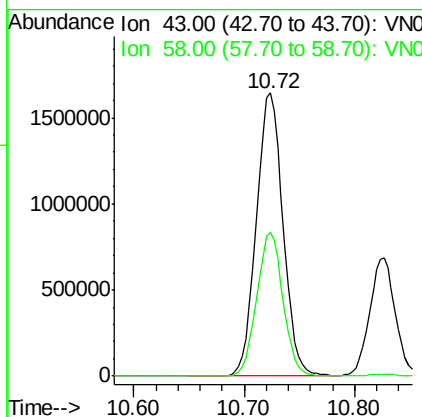
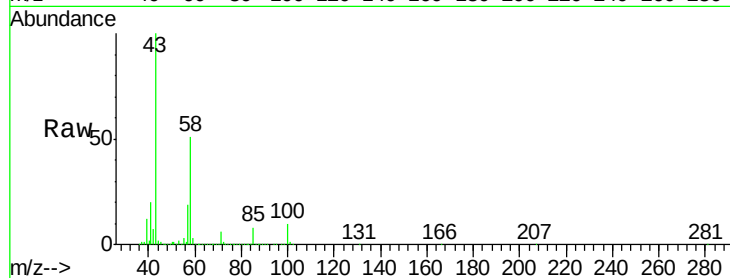




#59
2-Hexanone
Concen: 794.680 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

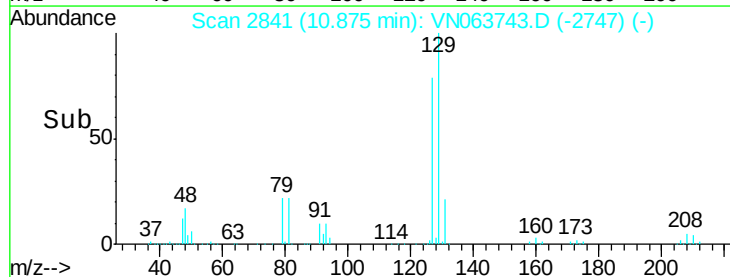
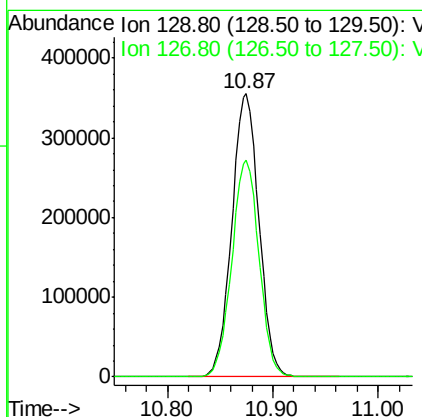
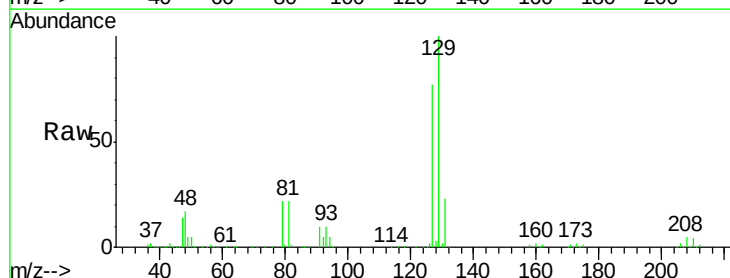
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

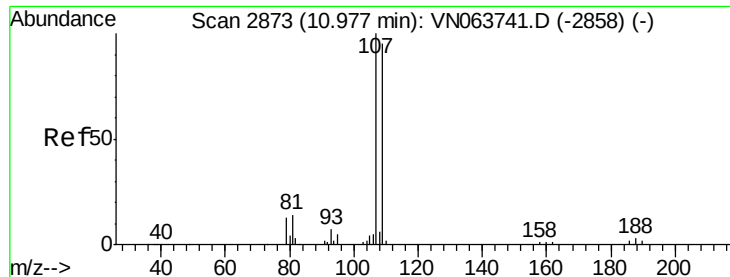
Tgt Ion: 43 Resp: 2759713
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.8



#60
Dibromochloromethane
Concen: 167.530 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion: 129 Resp: 632136
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

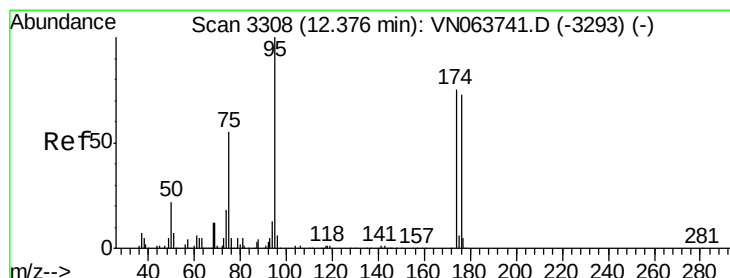
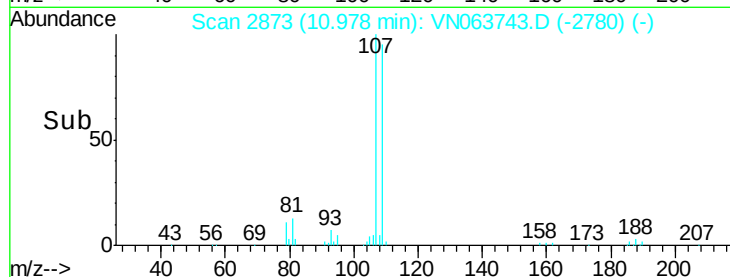
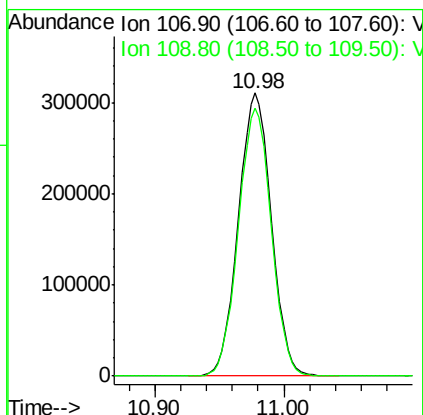
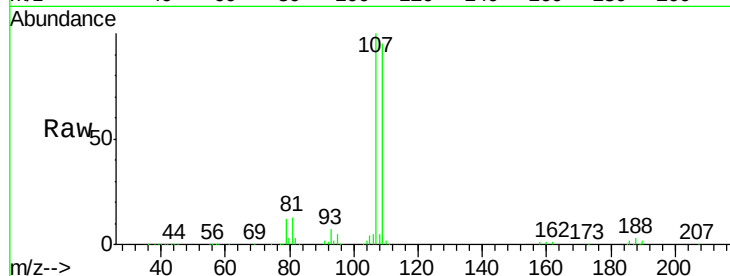




#61
 1,2-Dibromoethane
 Concen: 159.437 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

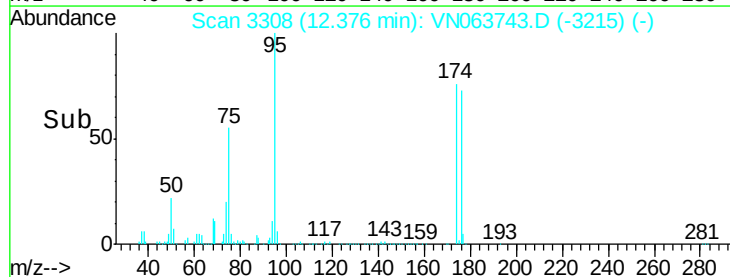
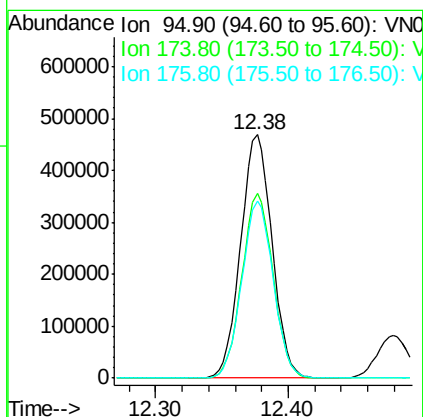
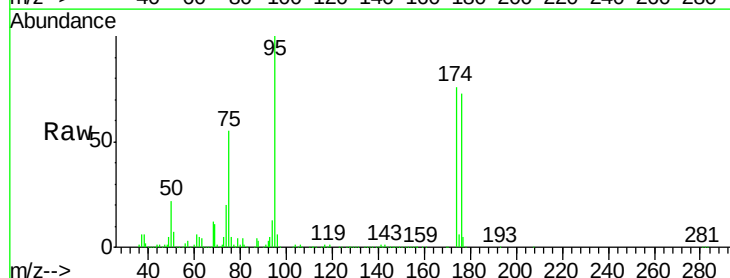
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

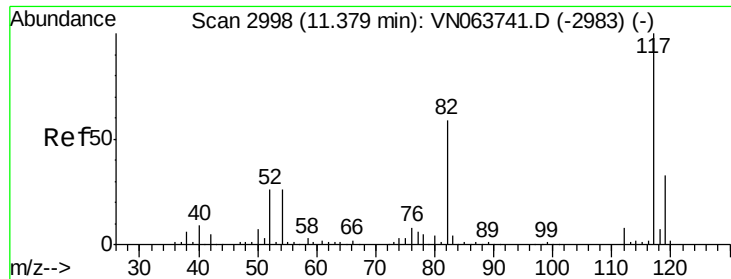
Tgt Ion: 107 Resp: 551924
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 174.155 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 95 Resp: 770628
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.6
 176 72.8 0.0 145.4

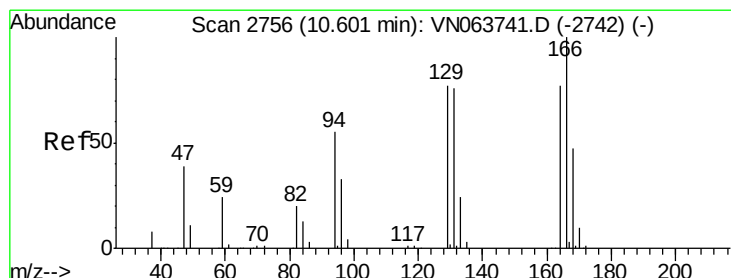
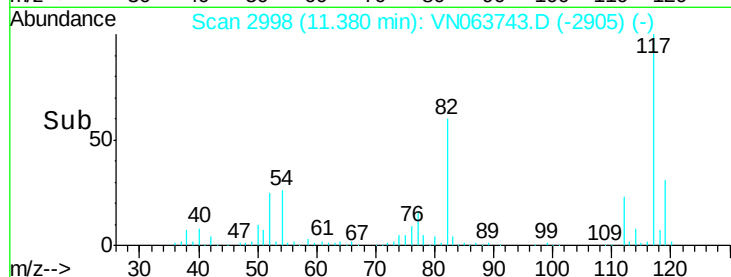
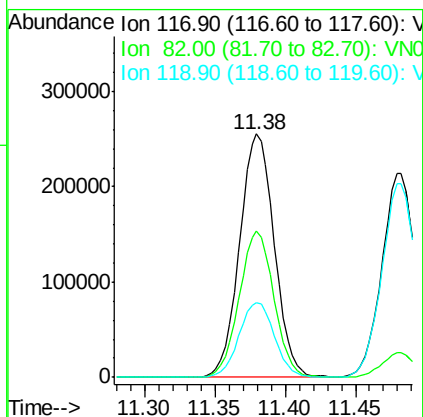
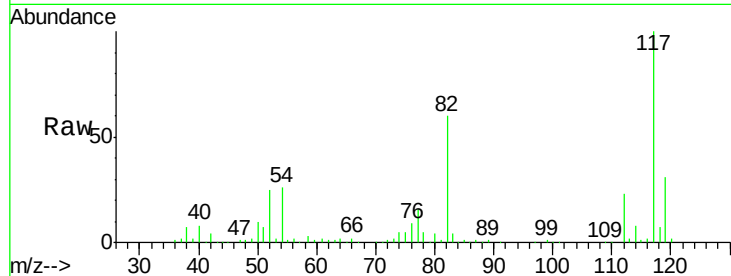




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

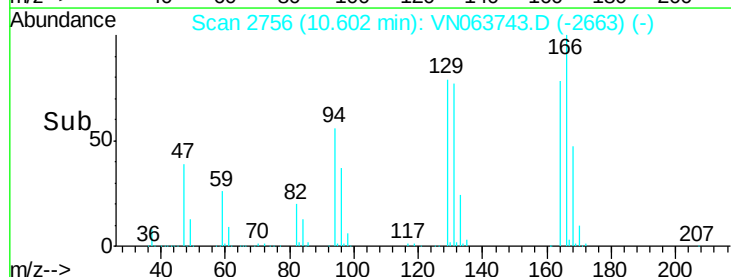
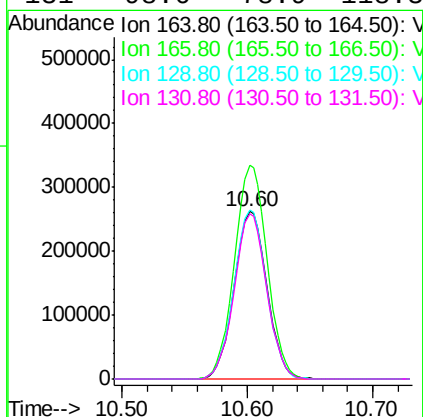
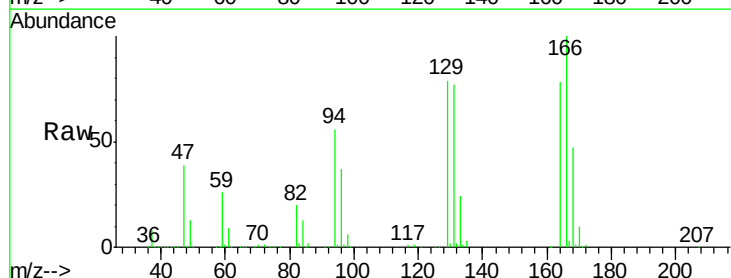
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

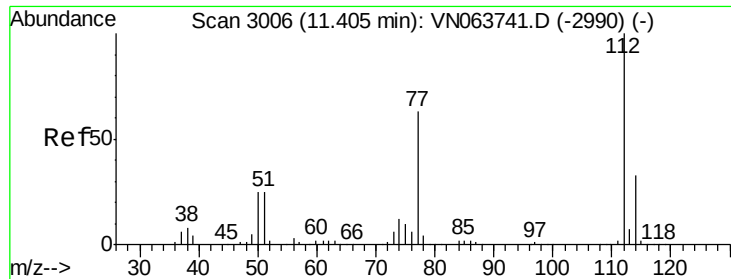
Tgt Ion:117 Resp: 440885
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 30.8 26.4 39.6



#64
Tetrachloroethene
Concen: 157.113 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion:164 Resp: 475366
Ion Ratio Lower Upper
164 100
166 127.7 103.9 155.9
129 100.8 80.3 120.5
131 98.6 78.9 118.3

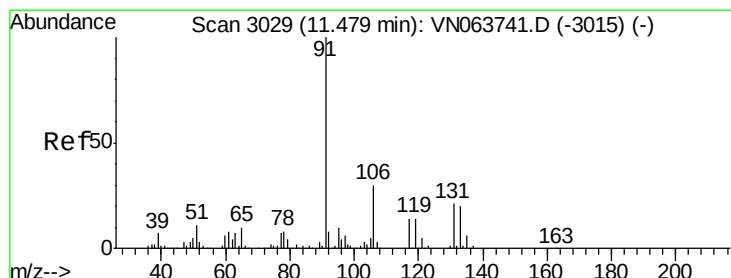
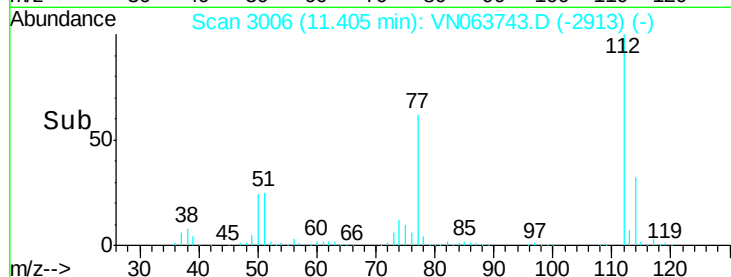
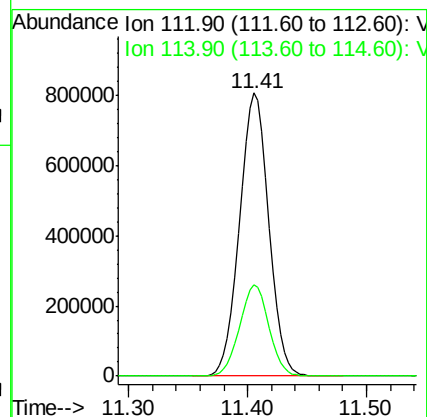
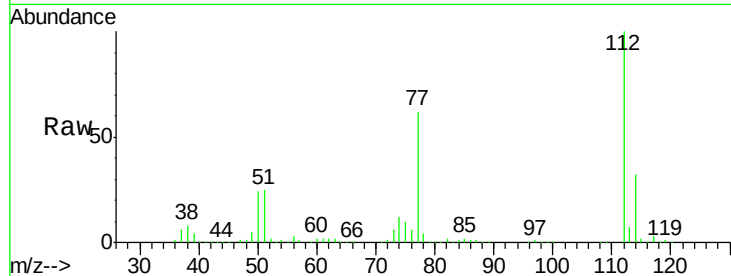




#65
Chlorobenzene
Concen: 148.697 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

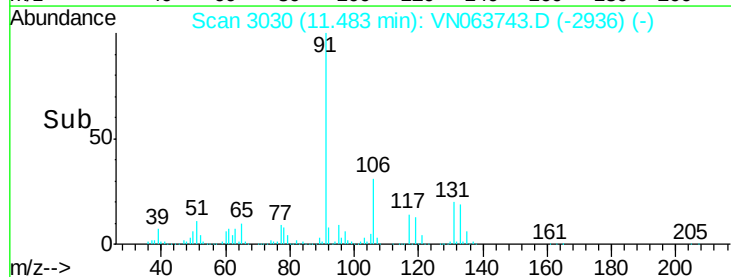
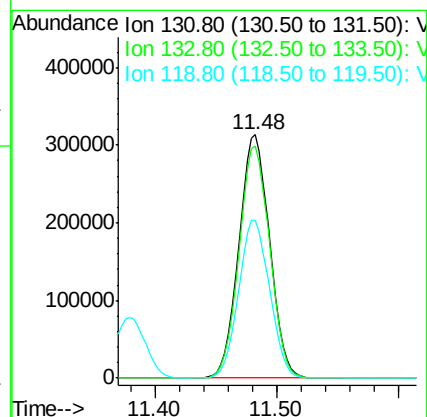
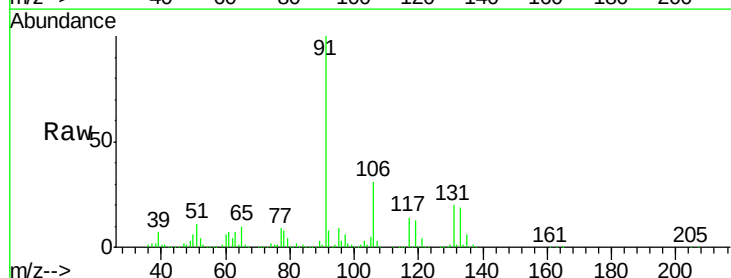
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

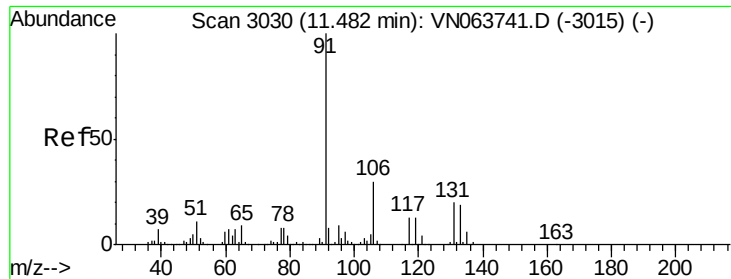
Tgt Ion:112 Resp: 1372550
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 159.773 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion:131 Resp: 545181
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.8
119 65.2 32.6 97.7

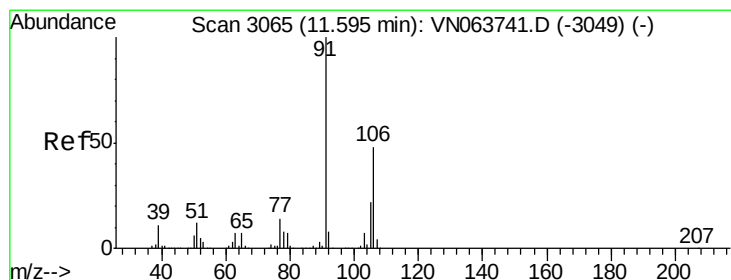
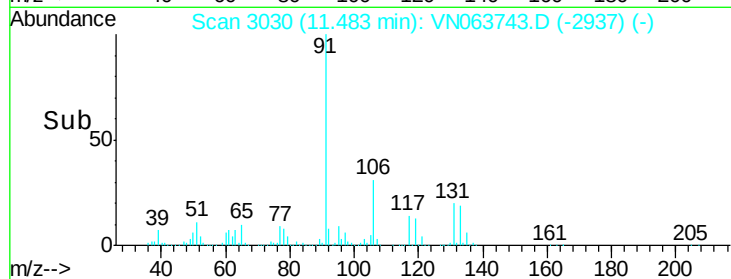
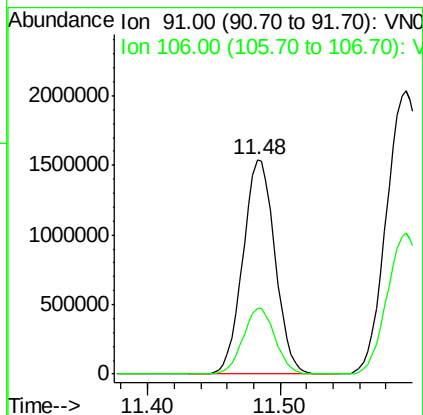
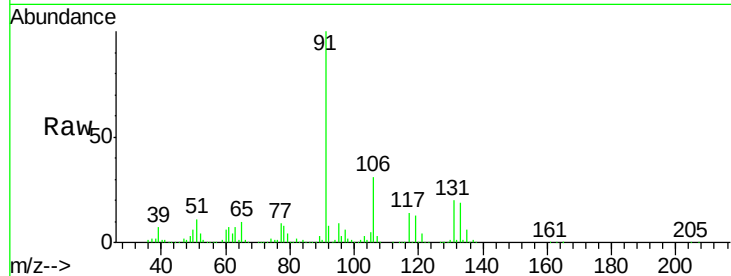




#67
 Ethyl Benzene
 Concen: 148.975 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

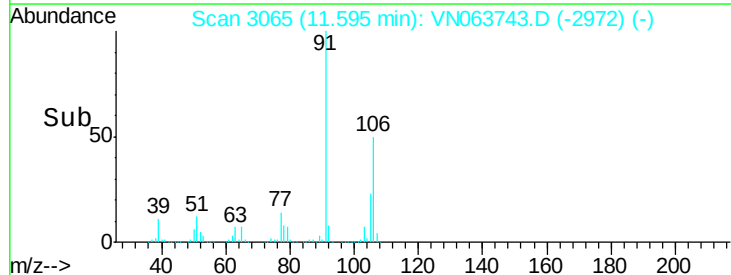
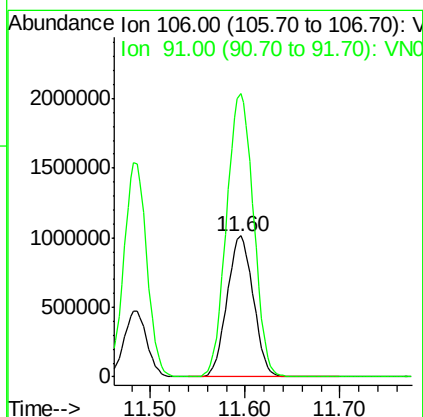
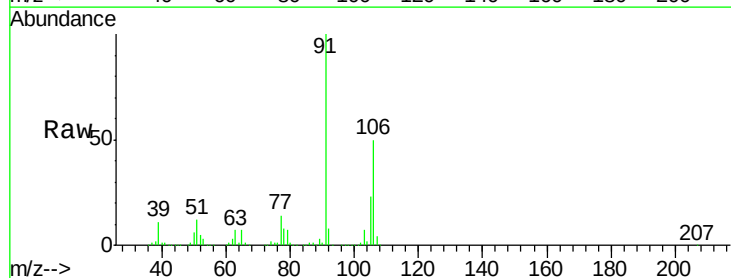
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

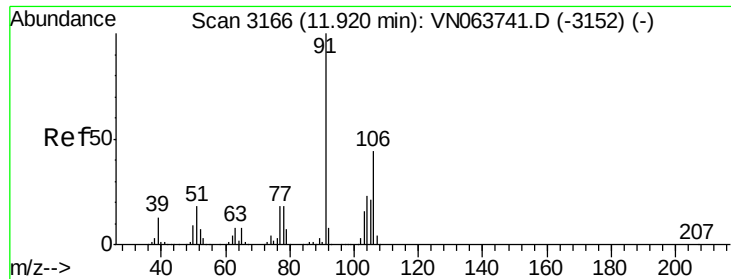
Tgt Ion: 91 Resp: 2589924
 Ion Ratio Lower Upper
 91 100
 106 30.8 24.2 36.2



#68
 m/p-Xylenes
 Concen: 309.641 ug/l
 RT: 11.60 min Scan# 3065
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 106 Resp: 1946018
 Ion Ratio Lower Upper
 106 100
 91 206.6 168.0 252.0

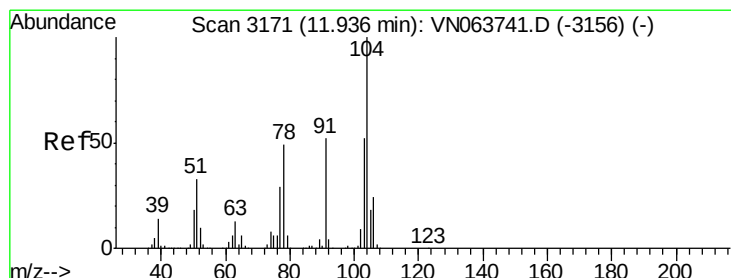
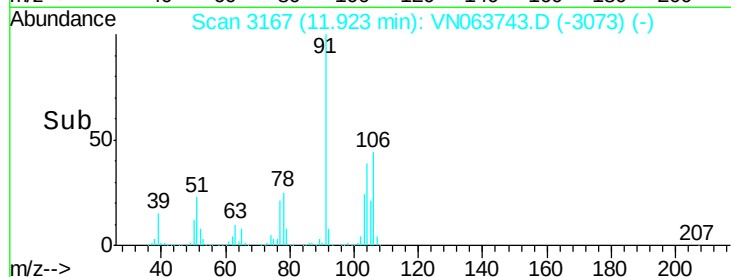
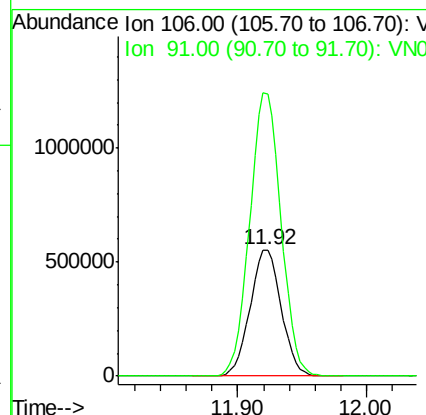
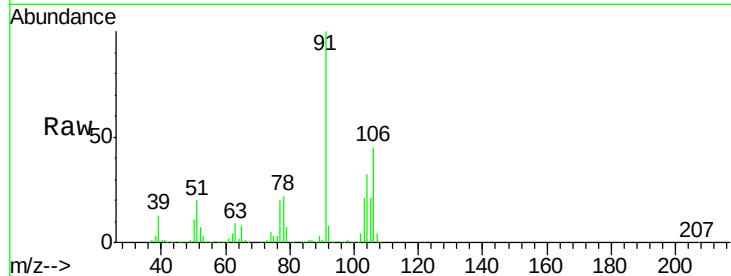




#69
o-Xylene
Concen: 156.060 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

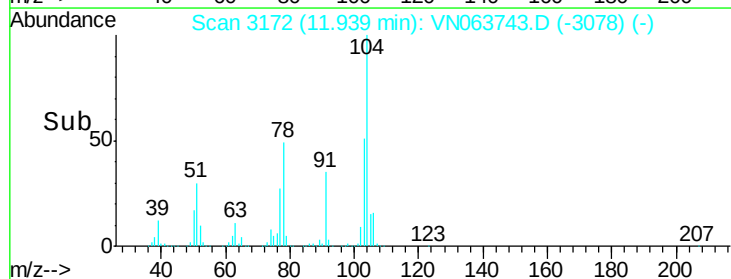
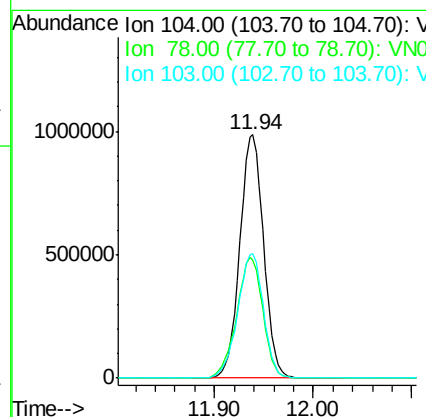
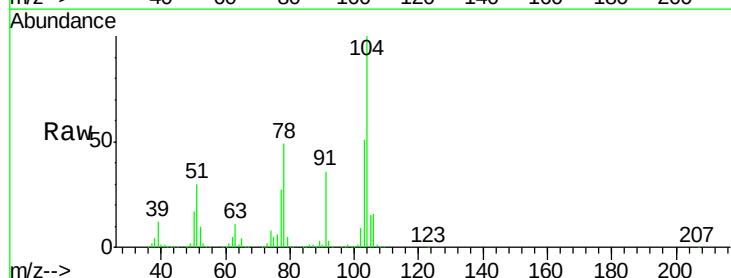
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

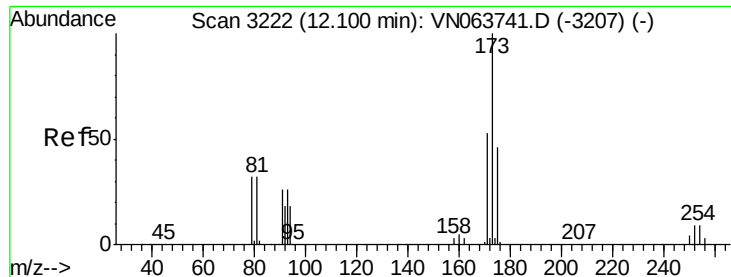
Tgt Ion:106 Resp: 931459
Ion Ratio Lower Upper
106 100
91 225.2 112.7 338.0



#70
Styrene
Concen: 164.942 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion:104 Resp: 1651380
Ion Ratio Lower Upper
104 100
78 54.8 44.1 66.1
103 55.3 44.3 66.5





#71

Bromoform

Concen: 176.093 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

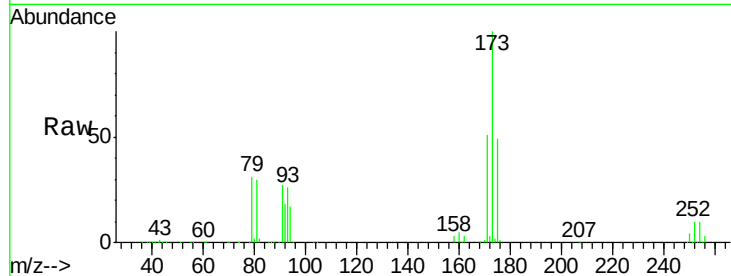
Tgt Ion:173 Resp: 449022

Ion Ratio Lower Upper

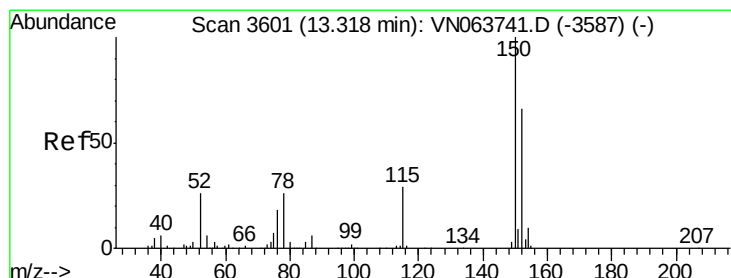
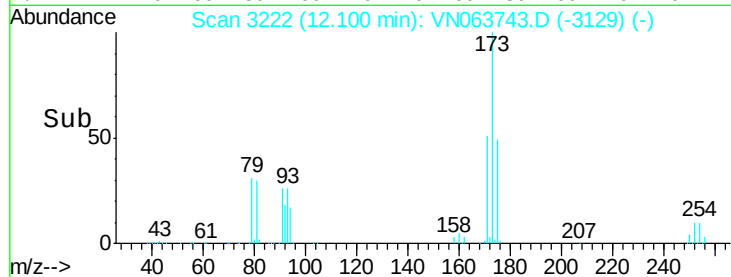
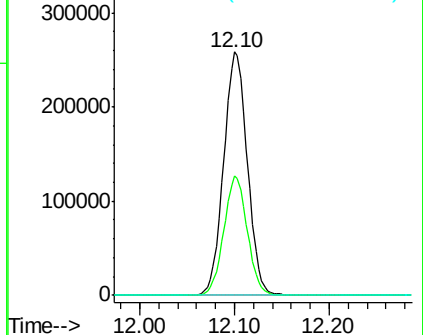
173 100

175 48.4 23.5 70.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

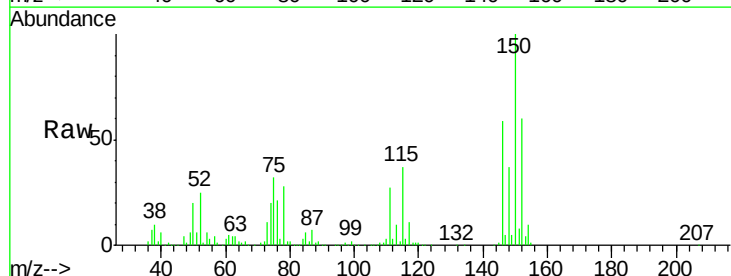
Tgt Ion:152 Resp: 232390

Ion Ratio Lower Upper

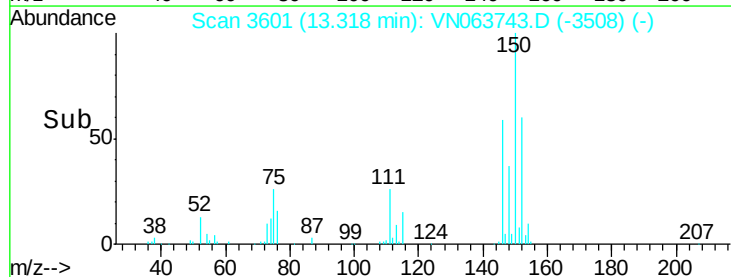
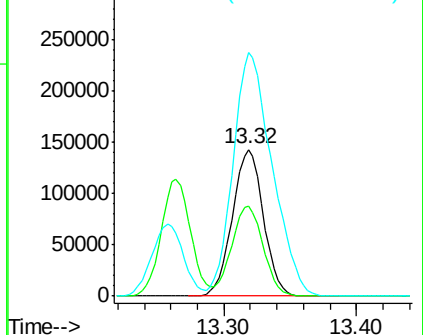
152 100

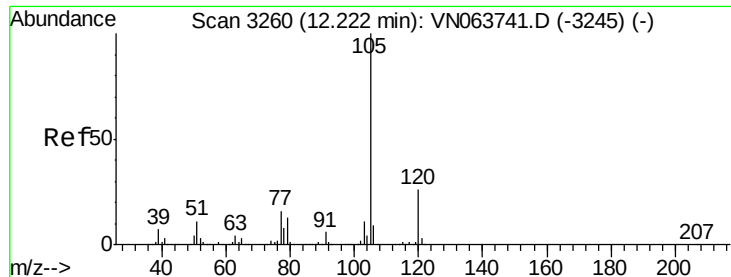
115 62.5 31.3 93.8

150 207.8 0.0 341.8



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

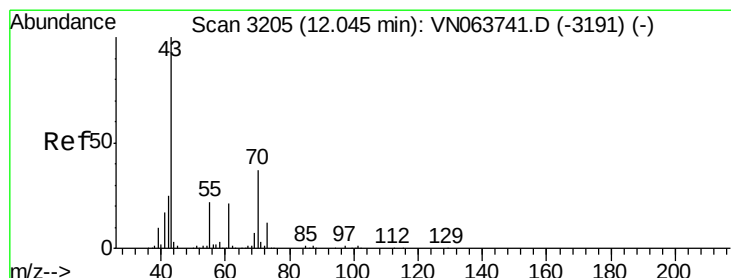
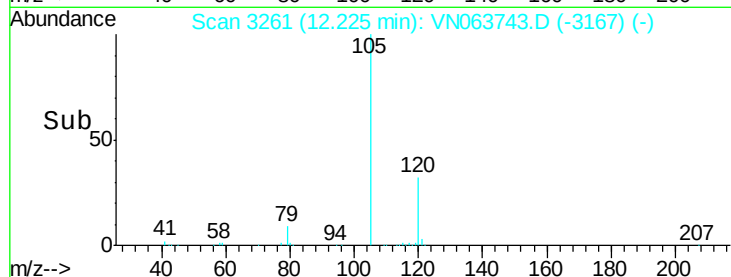
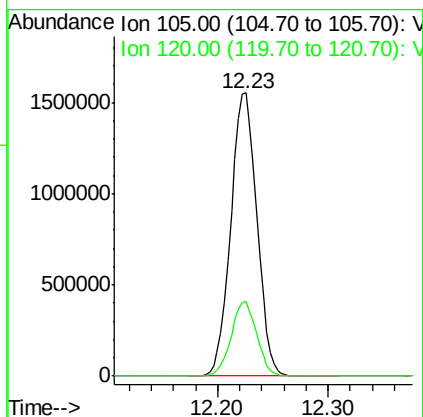
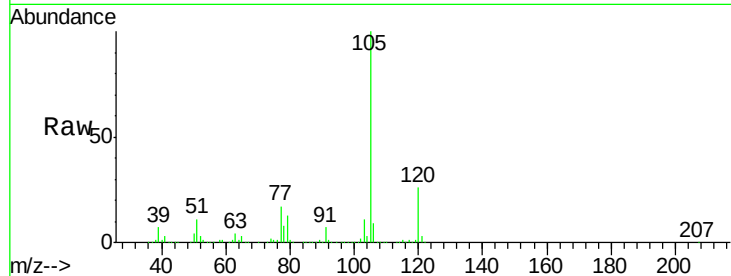




#73
Isopropylbenzene
Concen: 139.447 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

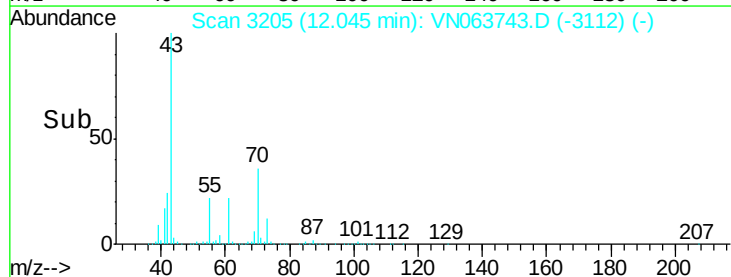
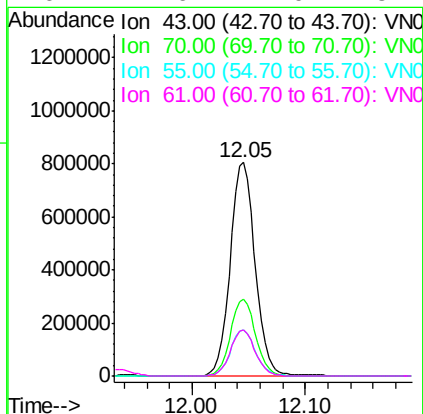
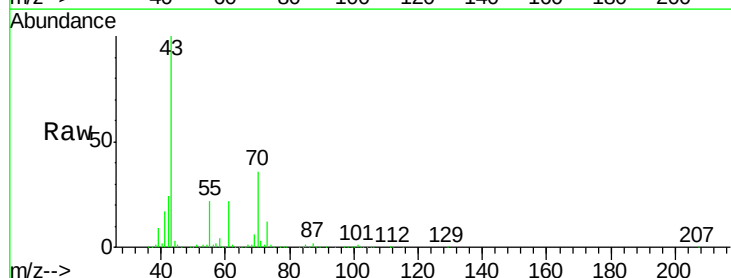
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

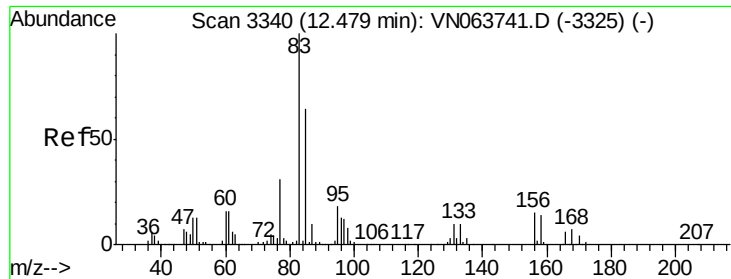
Tgt Ion:105 Resp: 2555034
Ion Ratio Lower Upper
105 100
120 25.8 12.6 37.8



#74
N-ethyl acetate
Concen: 143.664 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063743.D
Acq: 30 Sep 2020 12:00

Tgt Ion: 43 Resp: 1231941
Ion Ratio Lower Upper
43 100
70 36.5 29.8 44.8
55 22.0 17.9 26.9
61 21.6 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 134.401 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

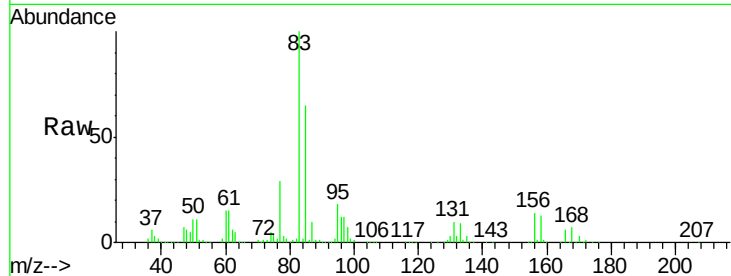
Tgt Ion: 83 Resp: 762401

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

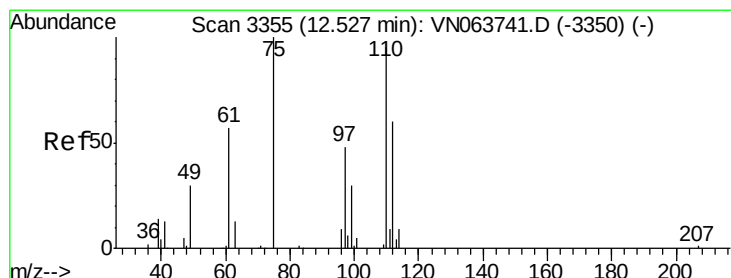
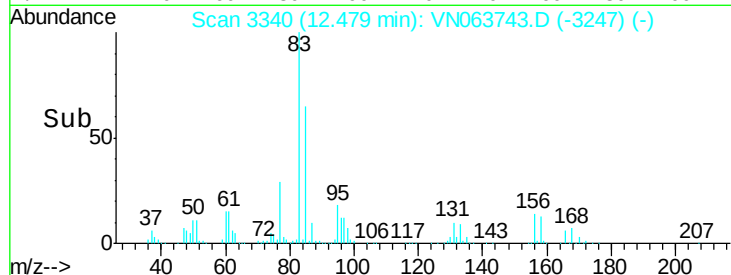
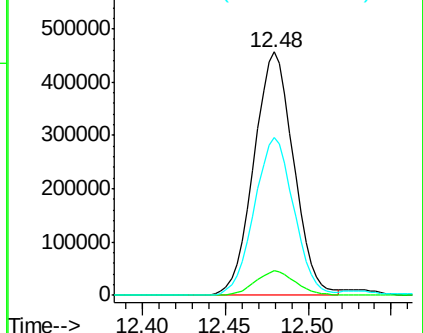
85 64.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063743.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063743.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063743.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 193.030 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063743.D

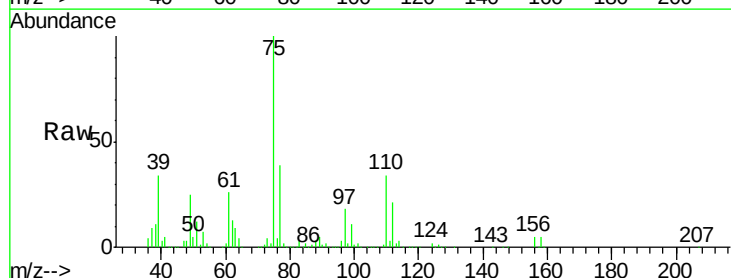
Acq: 30 Sep 2020 12:00

Tgt Ion: 75 Resp: 1091729

Ion Ratio Lower Upper

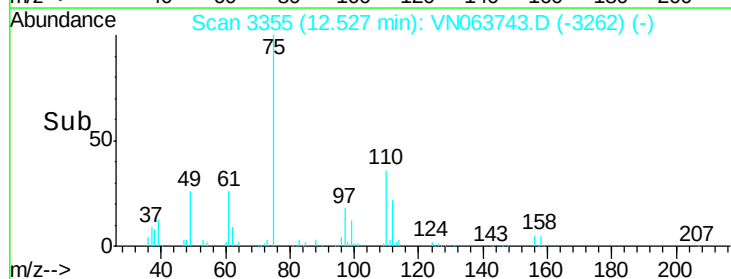
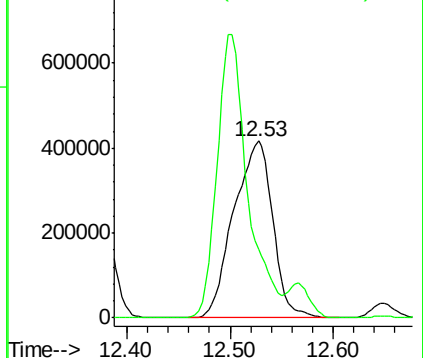
75 100

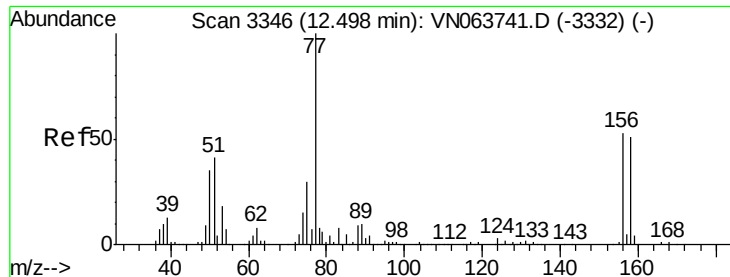
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063743.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063743.D (-3262) (-)





#77

Bromobenzene

Concen: 148.751 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

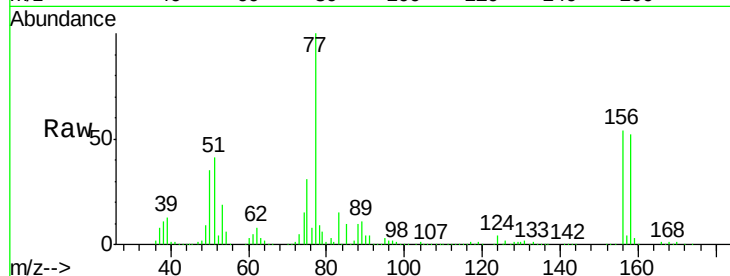
Tgt Ion:156 Resp: 619375

Ion Ratio Lower Upper

156 100

77 221.9 110.9 332.7

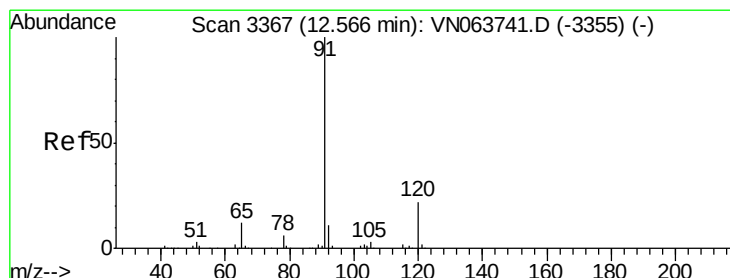
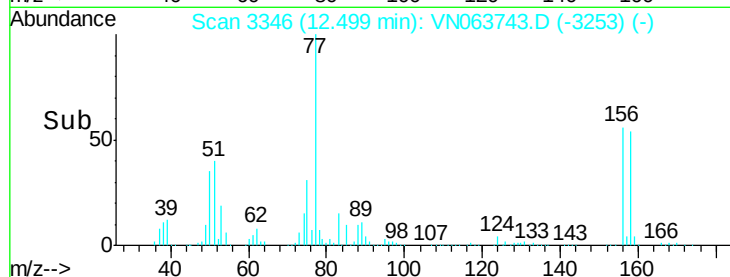
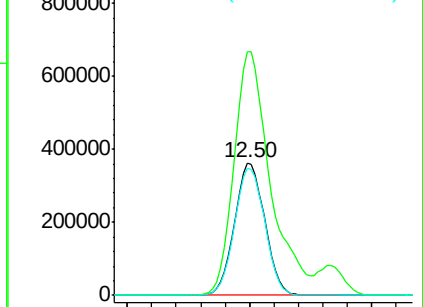
158 96.9 47.7 143.1



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: 139.649 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063743.D

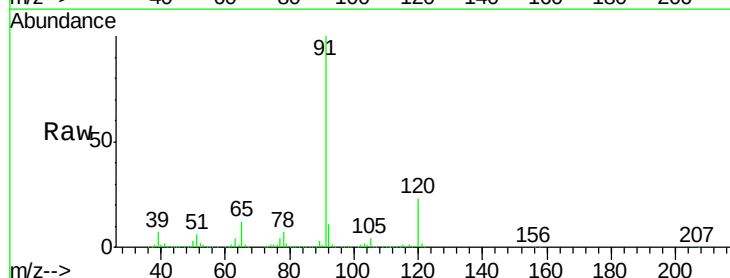
Acq: 30 Sep 2020 12:00

Tgt Ion: 91 Resp: 2974101

Ion Ratio Lower Upper

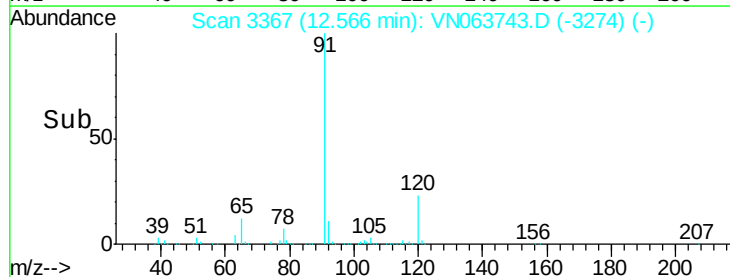
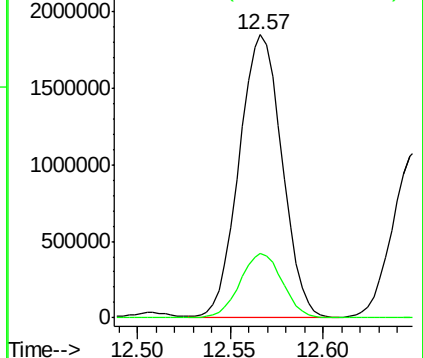
91 100

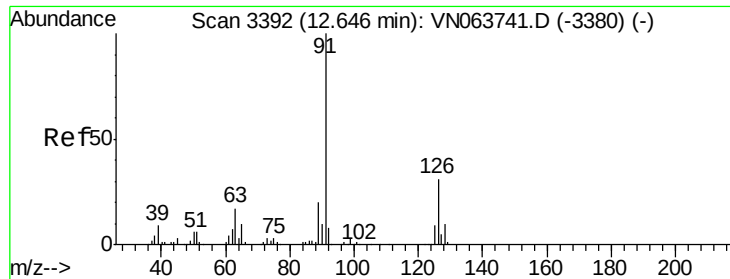
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 140.573 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

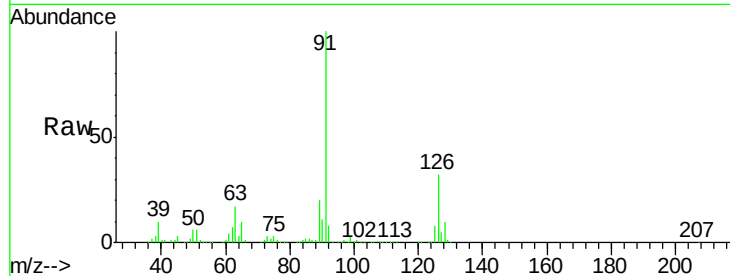
VSTDIC150

Tgt Ion: 91 Resp: 1799240

Ion Ratio Lower Upper

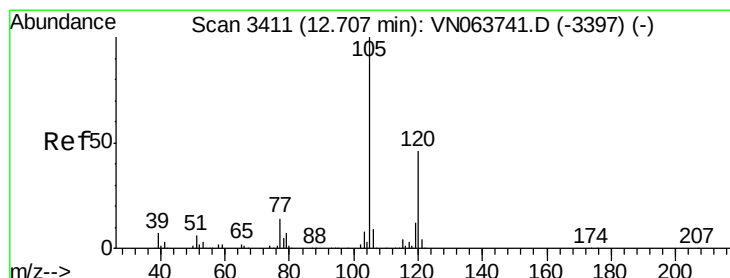
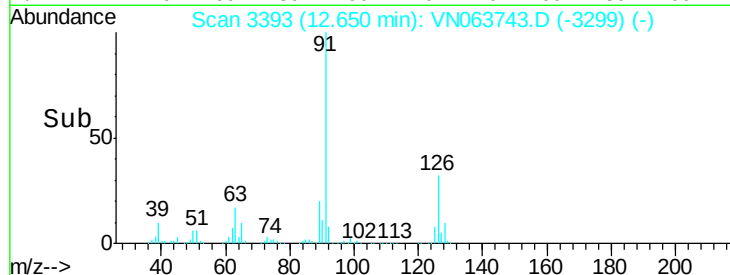
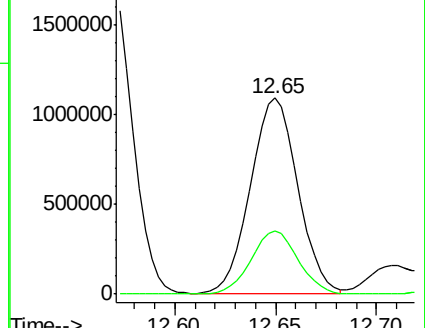
91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063743.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN063743.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 144.605 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063743.D

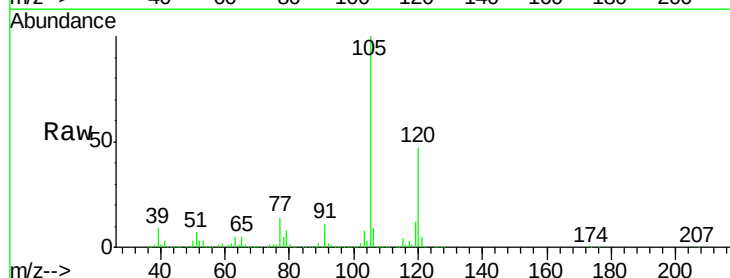
Acq: 30 Sep 2020 12:00

Tgt Ion: 105 Resp: 2203752

Ion Ratio Lower Upper

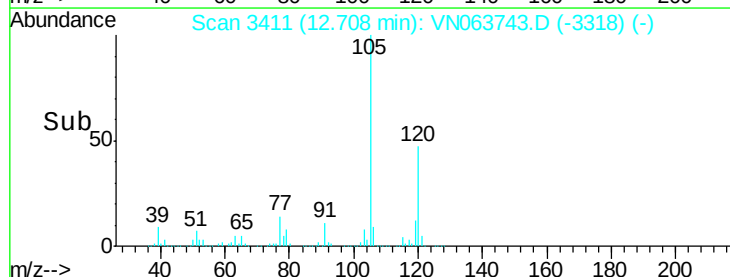
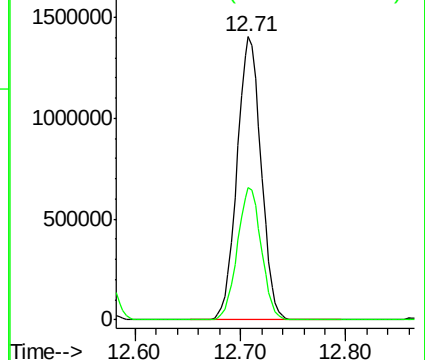
105 100

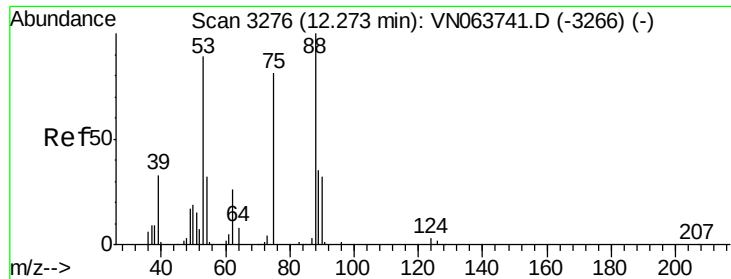
120 46.7 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063743.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN063743.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 143.654 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

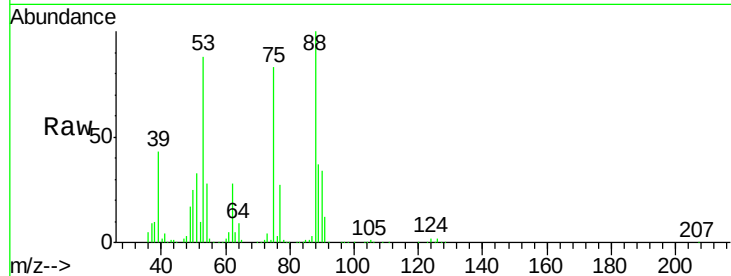
Tgt Ion: 75 Resp: 294706

Ion Ratio Lower Upper

75 100

53 106.9 88.2 132.2

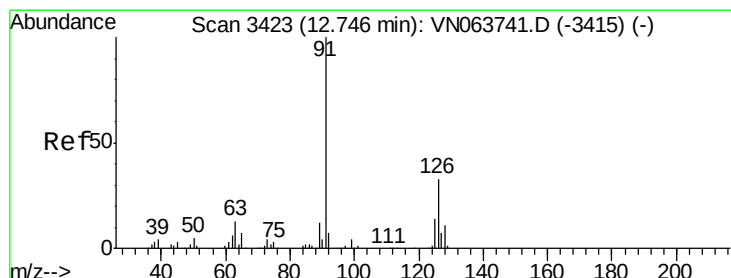
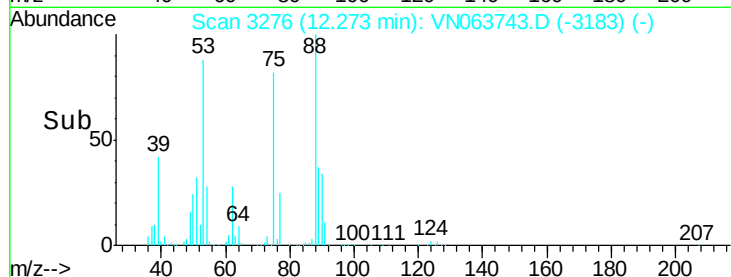
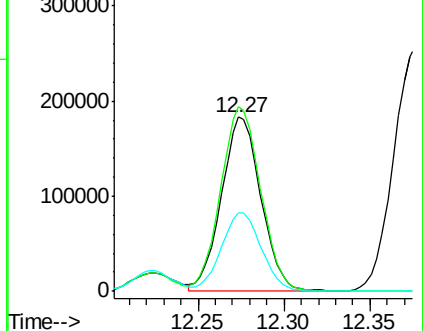
89 46.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 142.745 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063743.D

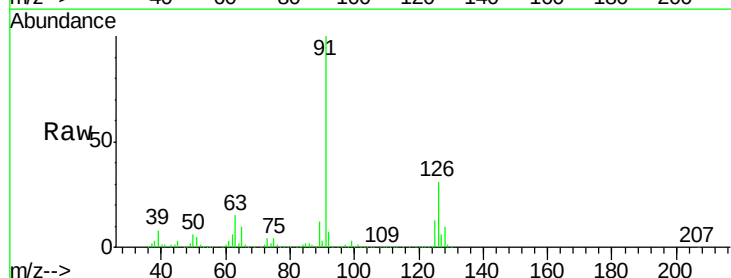
Acq: 30 Sep 2020 12:00

Tgt Ion: 91 Resp: 1932611

Ion Ratio Lower Upper

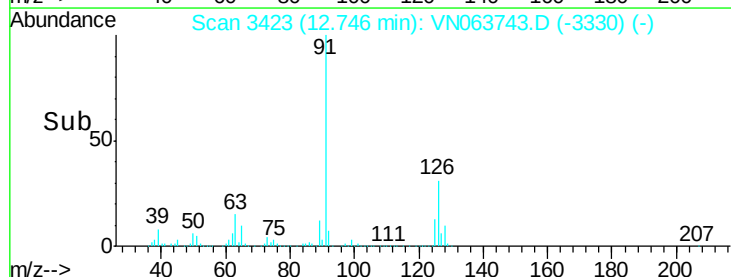
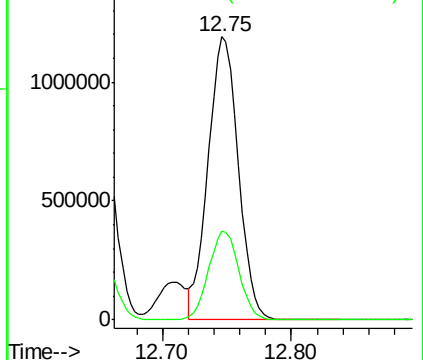
91 100

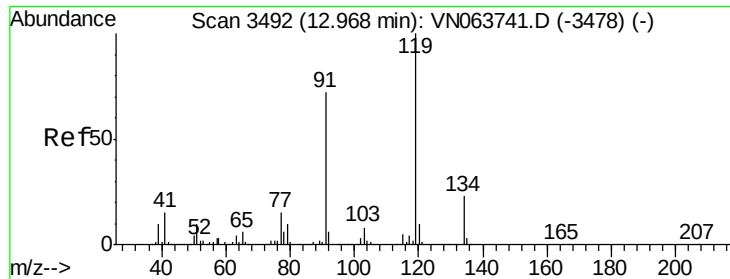
126 31.4 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

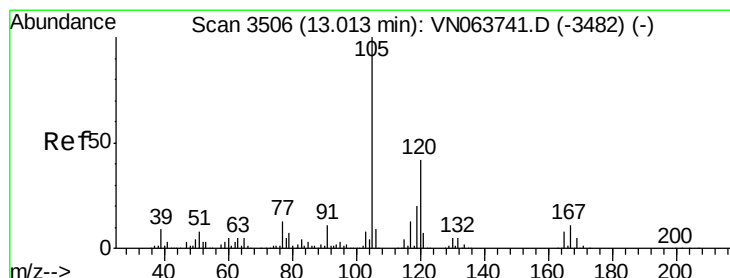
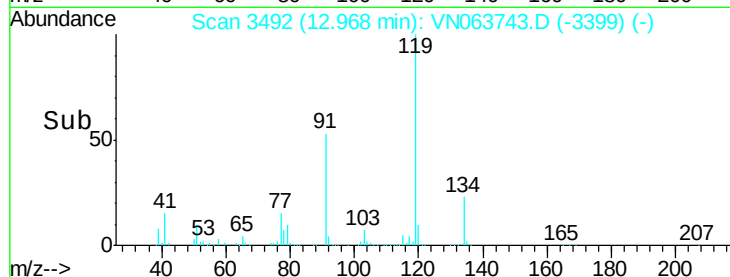
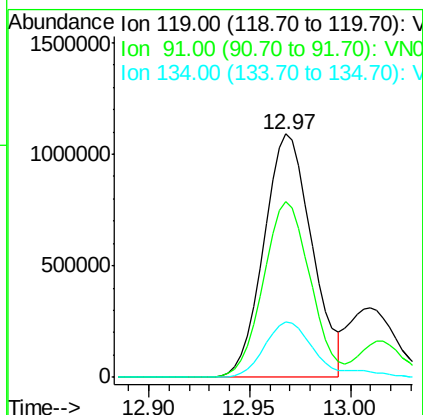
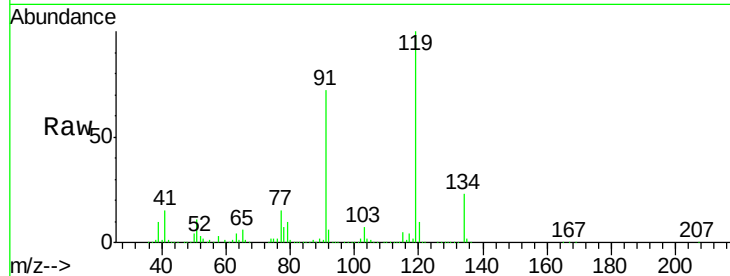




#83
 tert-Butylbenzene
 Concen: 143.572 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

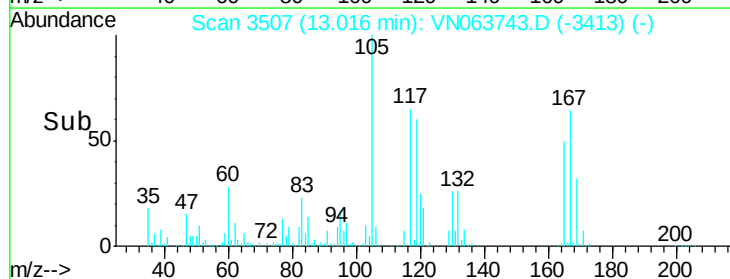
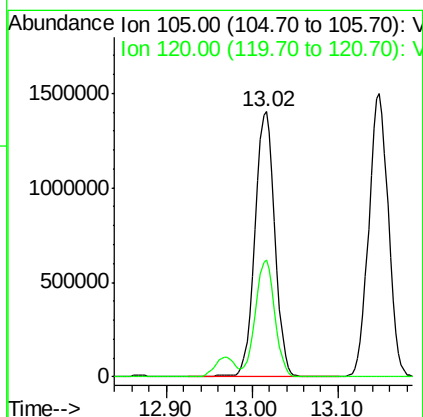
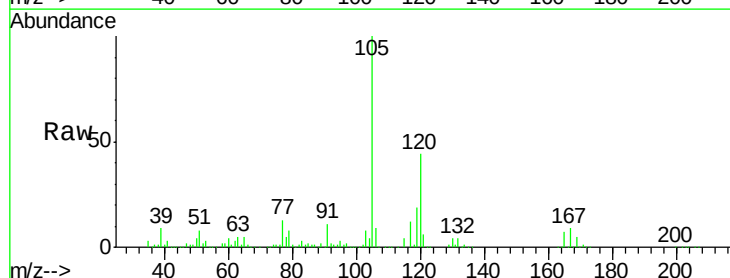
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

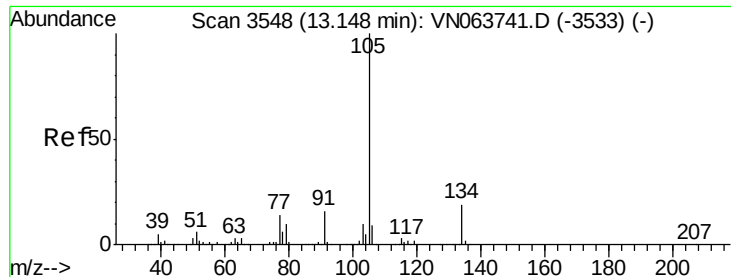
Tgt Ion:119 Resp: 1808817
 Ion Ratio Lower Upper
 119 100
 91 70.5 35.5 106.5
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 146.609 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion:105 Resp: 2261600
 Ion Ratio Lower Upper
 105 100
 120 43.0 20.9 62.7





#85

sec-Butylbenzene

Concen: 140.962 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

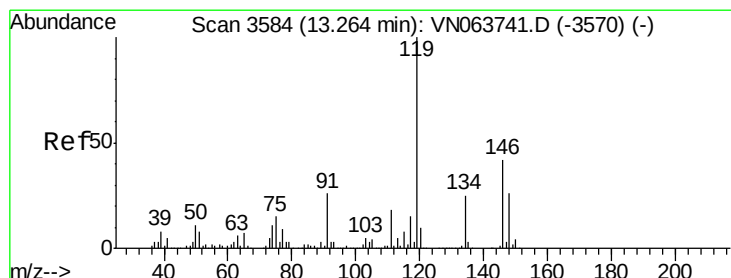
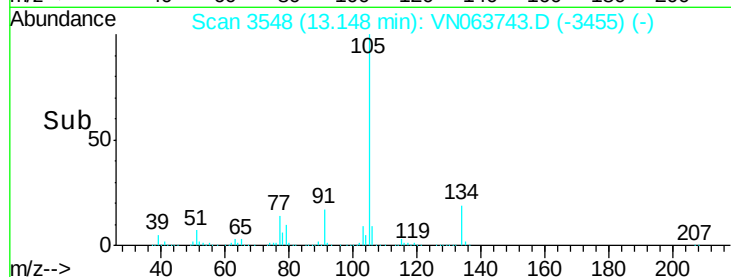
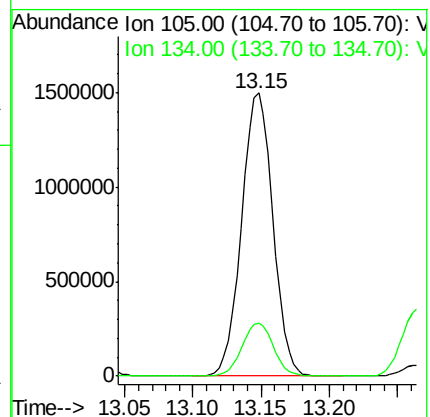
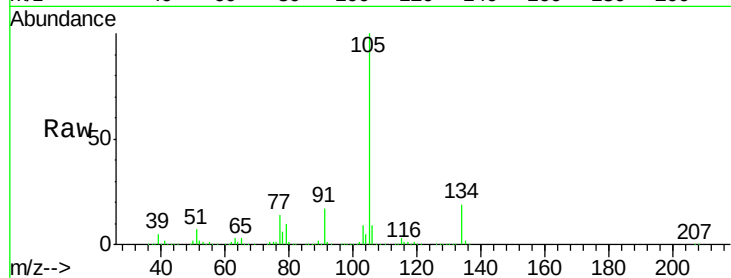
VSTDIC150

Tgt Ion:105 Resp: 2371860

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 147.561 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

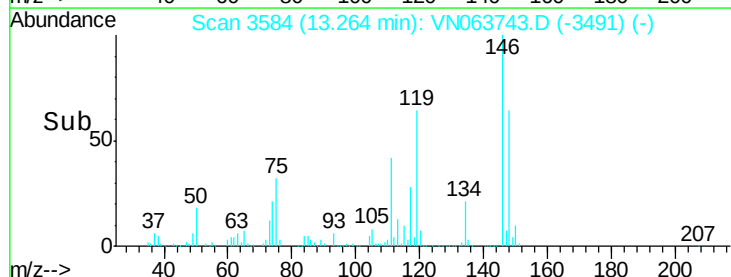
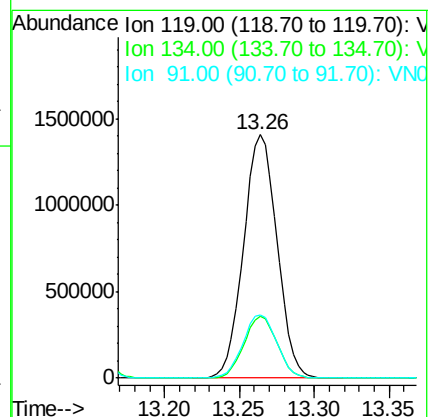
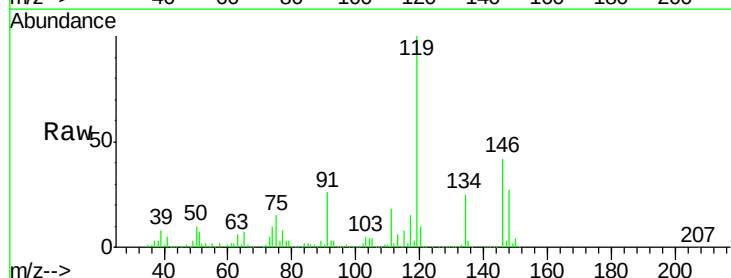
Tgt Ion:119 Resp: 2191495

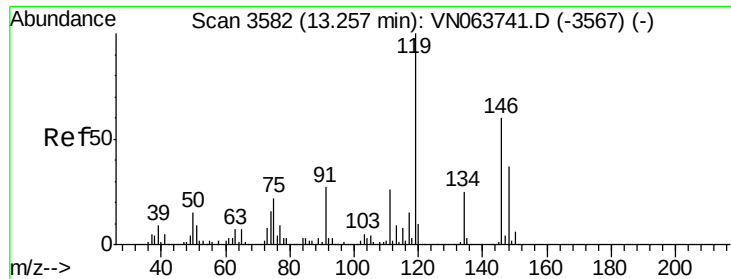
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.4 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 149.756 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

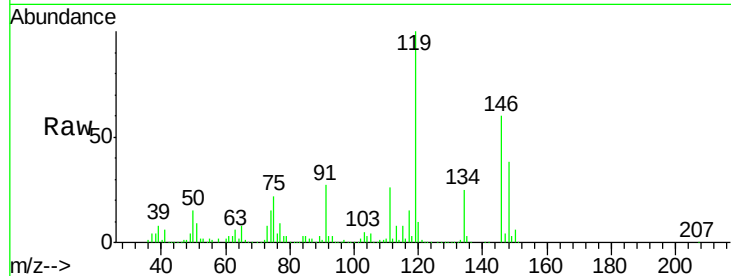
Tgt Ion:146 Resp: 1152828

Ion Ratio Lower Upper

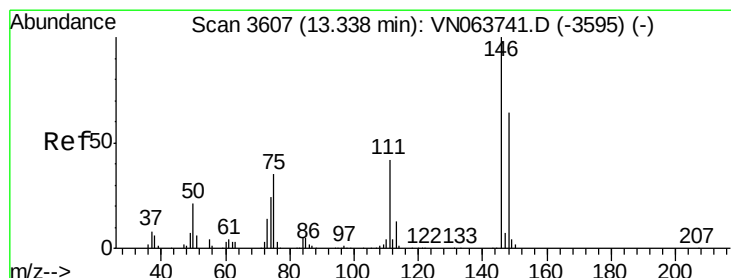
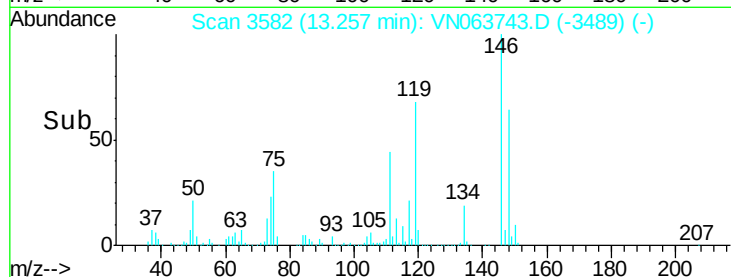
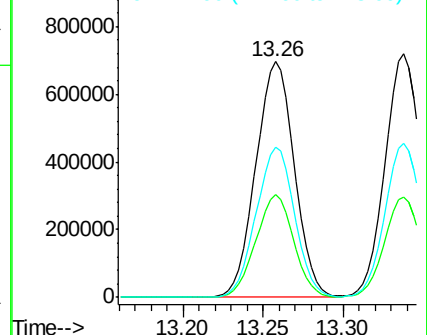
146 100

111 42.9 21.5 64.5

148 63.7 31.1 93.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 148.465 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

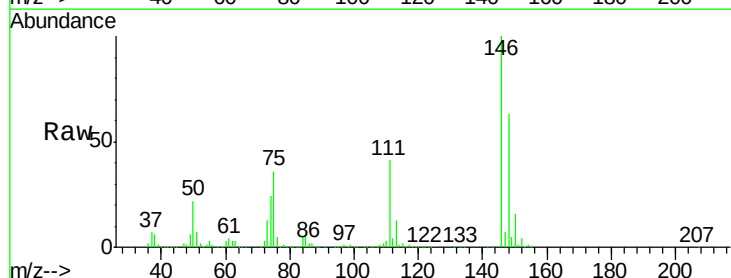
Tgt Ion:146 Resp: 1156233

Ion Ratio Lower Upper

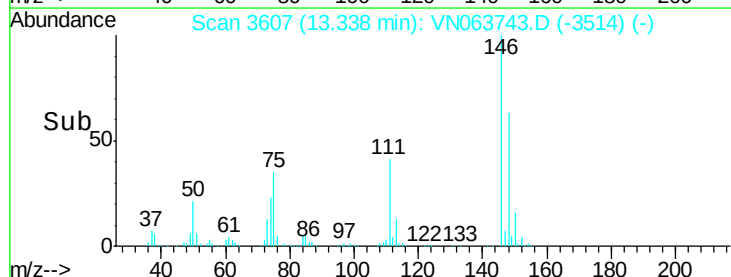
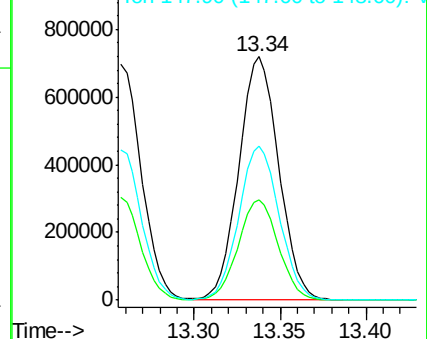
146 100

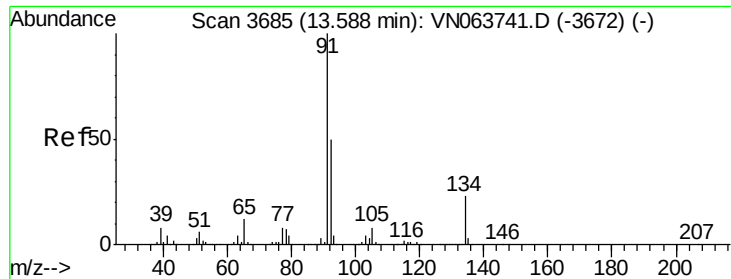
111 41.6 21.3 63.7

148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 145.155 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

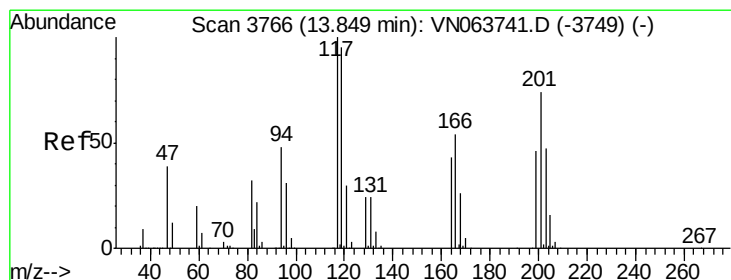
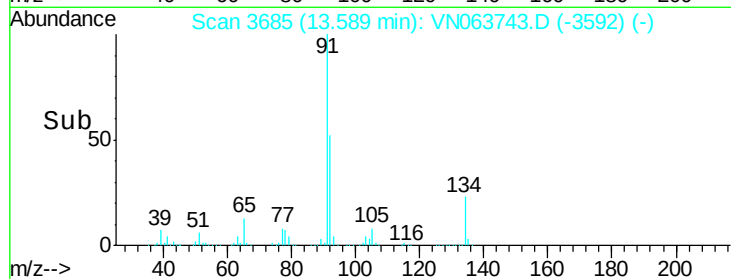
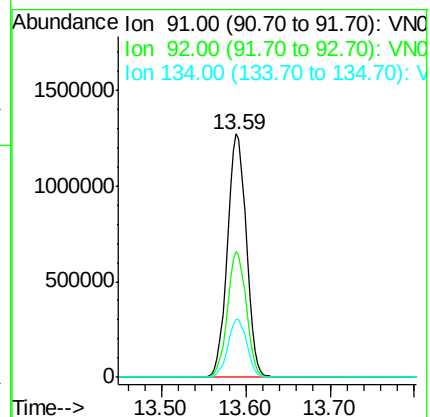
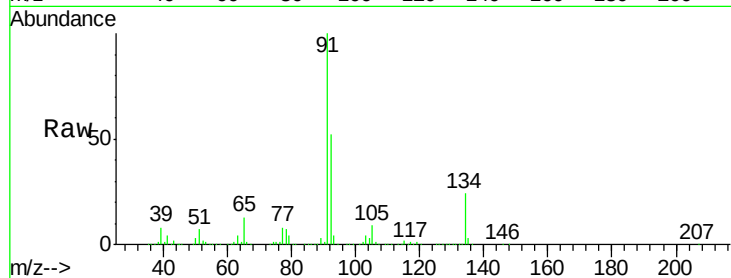
Tgt Ion: 91 Resp: 1978309

Ion Ratio Lower Upper

91 100

92 51.5 25.4 76.4

134 24.0 11.7 35.1



#90

Hexachloroethane

Concen: 145.753 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063743.D

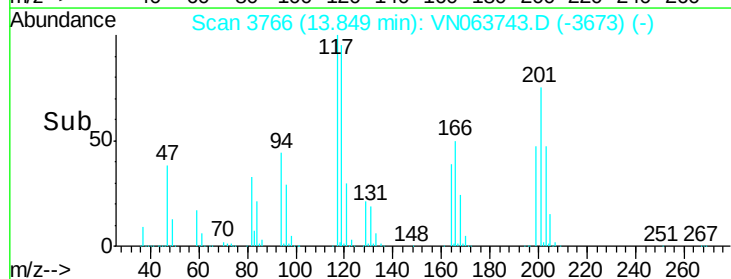
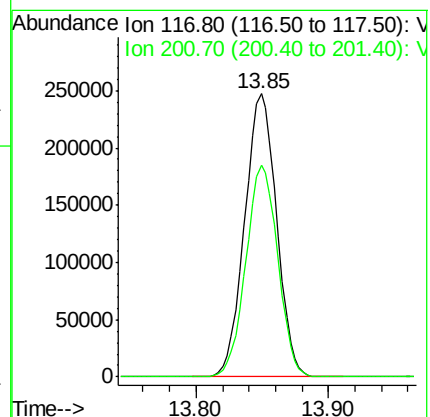
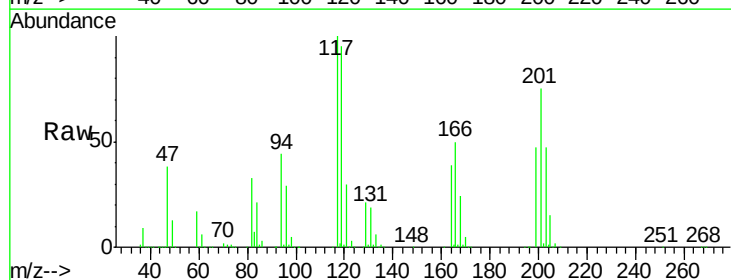
Acq: 30 Sep 2020 12:00

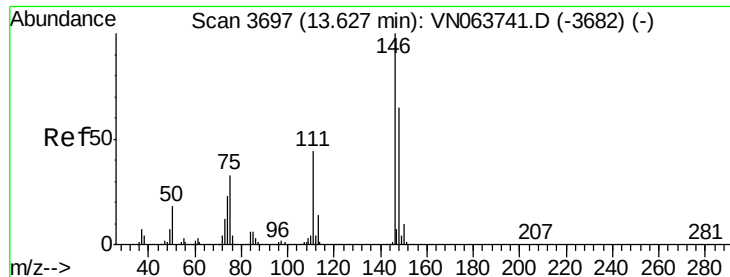
Tgt Ion: 117 Resp: 413858

Ion Ratio Lower Upper

117 100

201 74.7 36.0 108.0

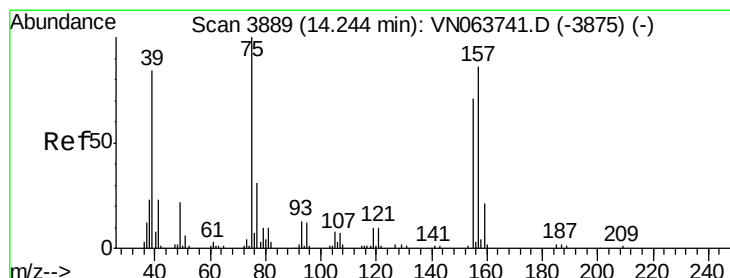
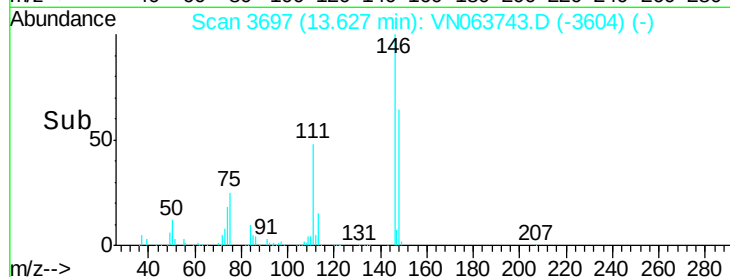
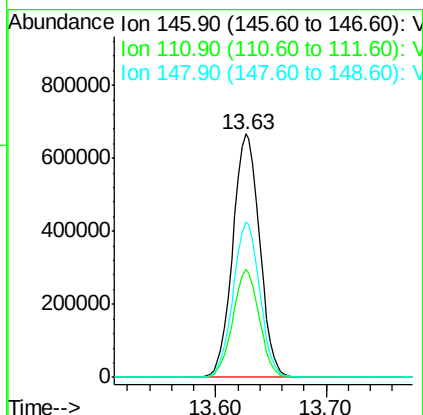
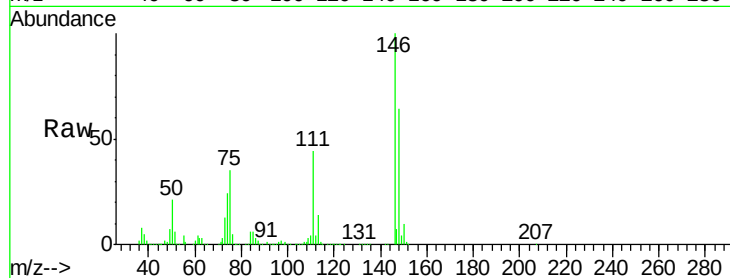




#91
 1,2-Dichlorobenzene
 Concen: 149.682 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

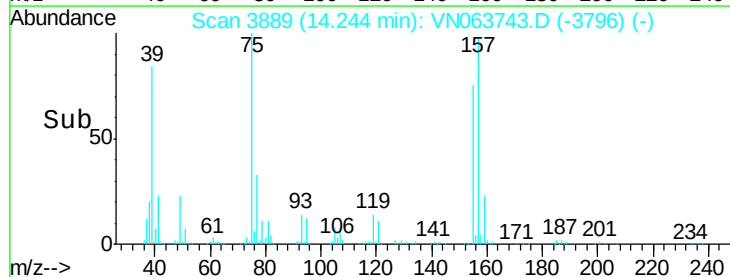
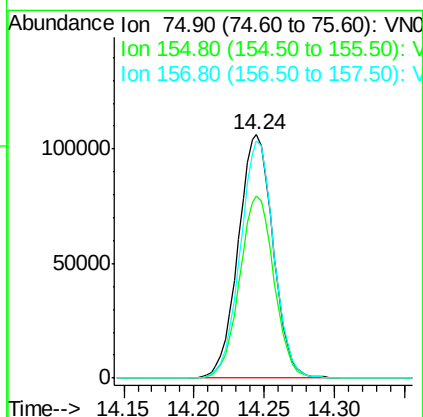
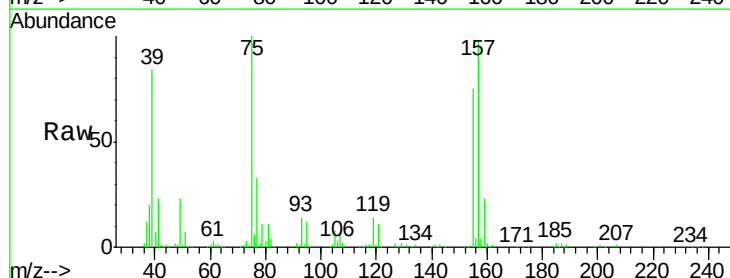
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

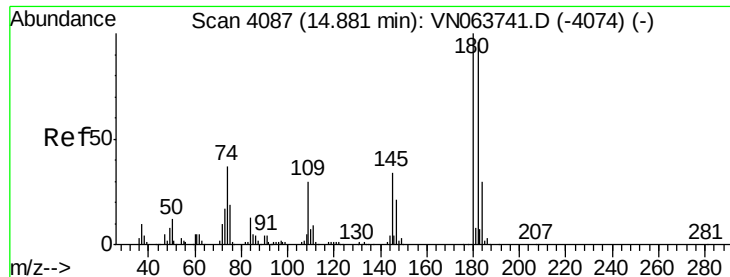
Tgt Ion:146 Resp: 1125358
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.2 66.6
 148 63.2 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 137.892 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion: 75 Resp: 184450
 Ion Ratio Lower Upper
 75 100
 155 73.7 34.8 104.5
 157 93.6 43.7 131.1

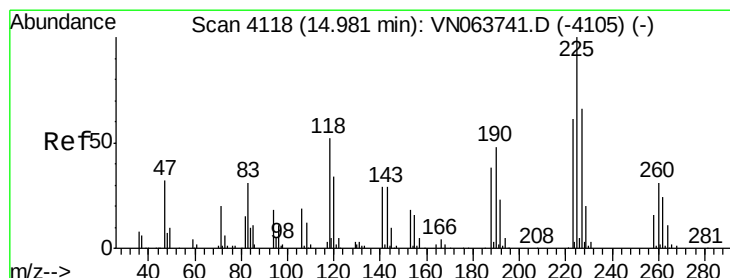
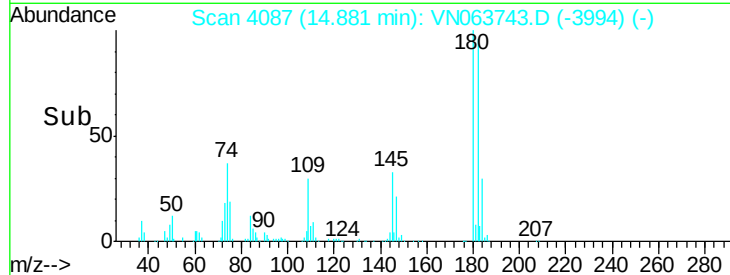
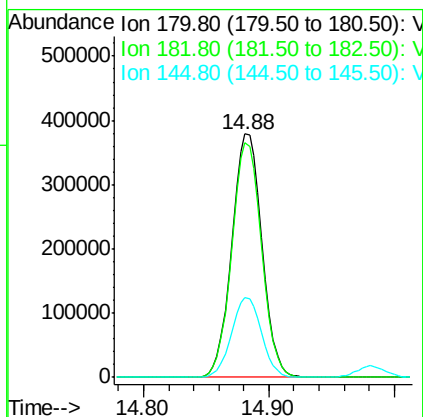
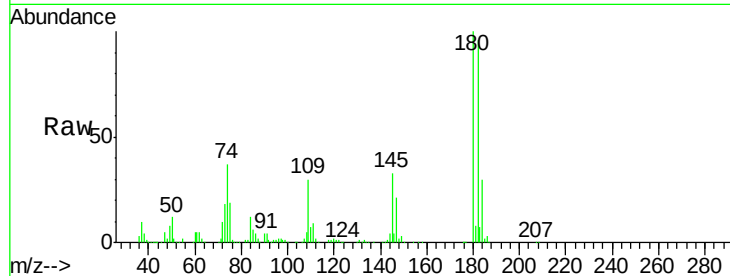




#93
 1,2,4-Trichlorobenzene
 Concen: 144.676 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

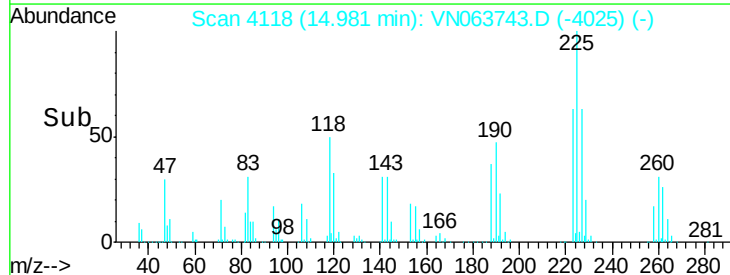
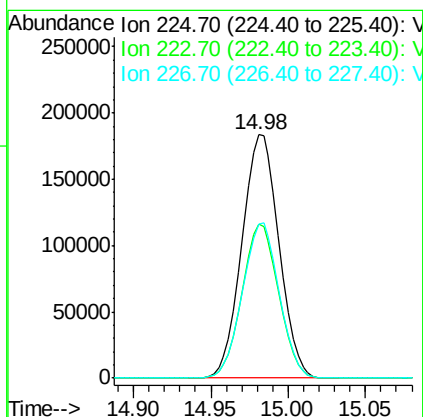
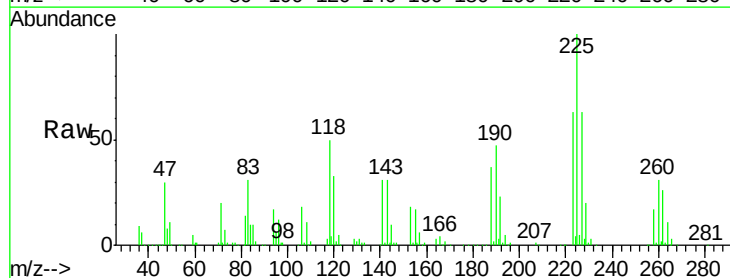
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

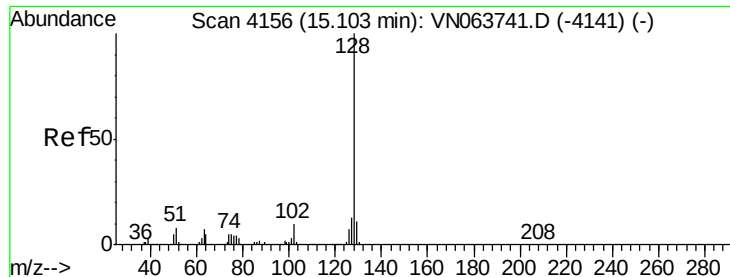
Tgt Ion:180 Resp: 630004
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.2 144.6
 145 32.8 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 163.168 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063743.D
 Acq: 30 Sep 2020 12:00

Tgt Ion:225 Resp: 306112
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.3 91.0
 227 63.2 31.9 95.5





#95

Naphthalene

Concen: 137.245 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

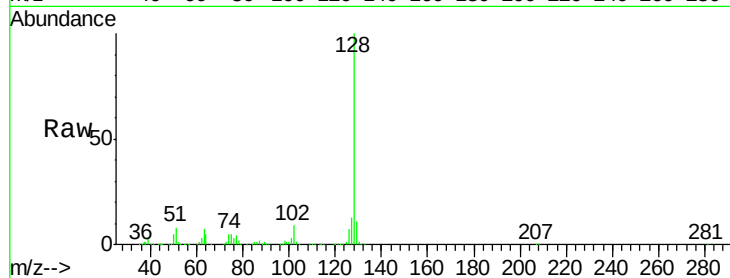
Tgt Ion:128 Resp: 1955753

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

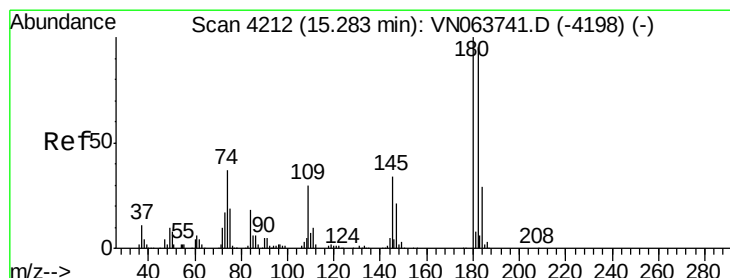
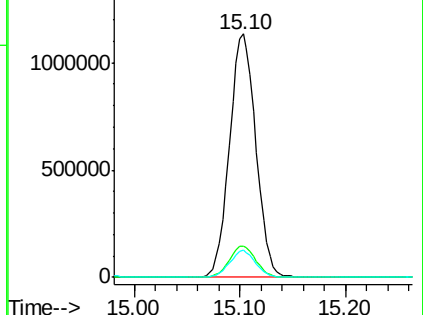
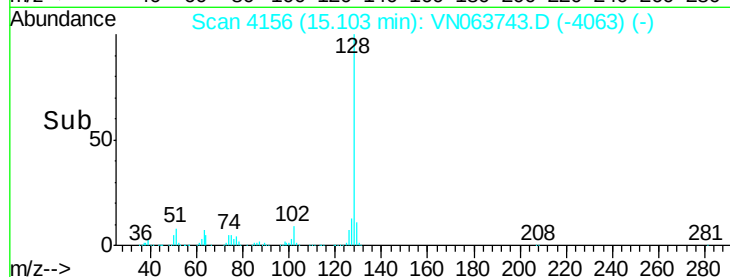
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 144.489 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063743.D

Acq: 30 Sep 2020 12:00

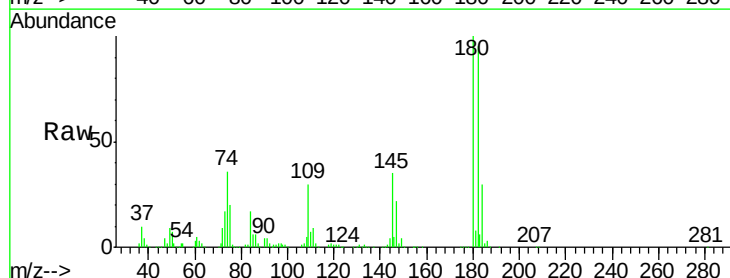
Tgt Ion:180 Resp: 607806

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 34.4 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

