

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063361.D
 Acq On : 16 Sep 2020 12:19
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Sep 16 12:39:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209888	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	484660	110.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.18%	
35) Dibromofluoromethane	7.55	113	340610	107.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.76%	
50) Toluene-d8	10.06	98	1296257	107.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.32%	
62) 4-Bromofluorobenzene	12.38	95	489426	109.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	319882	116.080	ug/l	98
3) Chloromethane	2.03	50	382434	94.575	ug/l	99
4) Vinyl Chloride	2.16	62	374143	99.426	ug/l	98
5) Bromomethane	2.52	94	227078	89.338	ug/l	98
6) Chloroethane	2.67	64	216308	89.342	ug/l	100
7) Trichlorofluoromethane	2.98	101	565798	97.649	ug/l	99
8) Diethyl Ether	3.37	74	221421	104.924	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	311781	101.894	ug/l	99
10) Methyl Iodide	3.91	142	431049	109.308	ug/l	100
11) Tert butyl alcohol	4.74	59	342430	580.684	ug/l	100
12) 1,1-Dichloroethene	3.69	96	317334	103.375	ug/l	98
13) Acrolein	3.57	56	102662	379.550	ug/l	99
14) Allyl chloride	4.27	41	635361	101.029	ug/l	98
15) Acrylonitrile	4.93	53	861272	541.077	ug/l	99
16) Acetone	3.78	43	738586	489.143	ug/l	99
17) Carbon Disulfide	4.01	76	937709	98.818	ug/l	99
18) Methyl Acetate	4.28	43	395709	103.874	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1182163	107.625	ug/l	99
20) Methylene Chloride	4.50	84	364682	94.317	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	346087	100.931	ug/l	99
22) Diisopropyl ether	5.90	45	1279228	104.055	ug/l	98
23) Vinyl Acetate	5.84	43	5467073	561.869	ug/l	99
24) 1,1-Dichloroethane	5.80	63	705005	104.995	ug/l	99
25) 2-Butanone	6.78	43	1229741	549.002	ug/l	100
26) 2,2-Dichloropropane	6.77	77	606822	103.387	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	401335	100.449	ug/l	97
28) Bromochloromethane	7.15	49	331100	102.674	ug/l	99
29) Tetrahydrofuran	7.16	42	830474	569.163	ug/l	98
30) Chloroform	7.33	83	706219	105.429	ug/l	98
31) Cyclohexane	7.61	56	616818	99.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	630753	107.625	ug/l	99
36) 1,1-Dichloropropene	7.75	75	527006	104.321	ug/l	99
37) Ethyl Acetate	6.88	43	531560	106.569	ug/l	99
38) Carbon Tetrachloride	7.73	117	550023	109.967	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	578748	105.105	ug/l	98
40) Benzene	8.00	78	1504591	104.452	ug/l	99
41) Methacrylonitrile	7.12	41	241522	106.404	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	615243	111.455	ug/l	99
43) Isopropyl Acetate	8.13	43	935279	110.558	ug/l	99
44) Trichloroethene	8.80	130	364959	98.353	ug/l	100
45) 1,2-Dichloropropane	9.08	63	411032	103.926	ug/l	98
46) Dibromomethane	9.17	93	274126	106.333	ug/l	100
47) Bromodichloromethane	9.37	83	579385	108.228	ug/l	97
48) Methyl methacrylate	9.16	41	453208	111.489	ug/l	98
49) 1,4-Dioxane	9.17	88	130057	2076.653	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2633215	565.476	ug/l	100
52) Toluene	10.13	92	932170	105.724	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	655593	112.137	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	686649	109.199	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	362584	105.001	ug/l	97
56) Ethyl methacrylate	10.40	69	590620	112.584	ug/l	99
57) 1,3-Dichloropropane	10.68	76	648935	107.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1583965	561.451	ug/l	99
59) 2-Hexanone	10.72	43	1933394	563.347	ug/l	99
60) Dibromochloromethane	10.87	129	426176	112.253	ug/l	98
61) 1,2-Dibromoethane	10.98	107	383813	106.508	ug/l	100
64) Tetrachloroethene	10.60	164	304186	85.708	ug/l	98
65) Chlorobenzene	11.41	112	961381	100.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	361343	103.000	ug/l	99
67) Ethyl Benzene	11.48	91	1828393	105.633	ug/l	98
68) m/p-Xylenes	11.59	106	1336745	208.562	ug/l	98
69) o-Xylene	11.92	106	636424	103.736	ug/l	99
70) Styrene	11.94	104	1096775	107.189	ug/l	99
71) Bromoform	12.10	173	282439	114.886	ug/l #	100
73) Isopropylbenzene	12.22	105	1750831	103.427	ug/l	100
74) N-amyl acetate	12.05	43	846363	120.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	521335	106.323	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	737269	156.112	ug/l #	100
77) Bromobenzene	12.50	156	397809	102.339	ug/l	97
78) n-propylbenzene	12.57	91	2039316	106.214	ug/l	99
79) 2-Chlorotoluene	12.65	91	1212405	102.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1471197	104.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	201845	115.992	ug/l	98
82) 4-Chlorotoluene	12.75	91	1277656	102.970	ug/l	99
83) tert-Butylbenzene	12.97	119	1201012	100.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1479591	104.325	ug/l	99
85) sec-Butylbenzene	13.15	105	1603893	105.772	ug/l	100
86) p-Isopropyltoluene	13.26	119	1443197	104.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	714257	100.448	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	729608	98.569	ug/l	99
89) n-Butylbenzene	13.59	91	1344655	107.216	ug/l	100
90) Hexachloroethane	13.85	117	274652	118.809	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	707297	100.481	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	131766	117.367	ug/l	99

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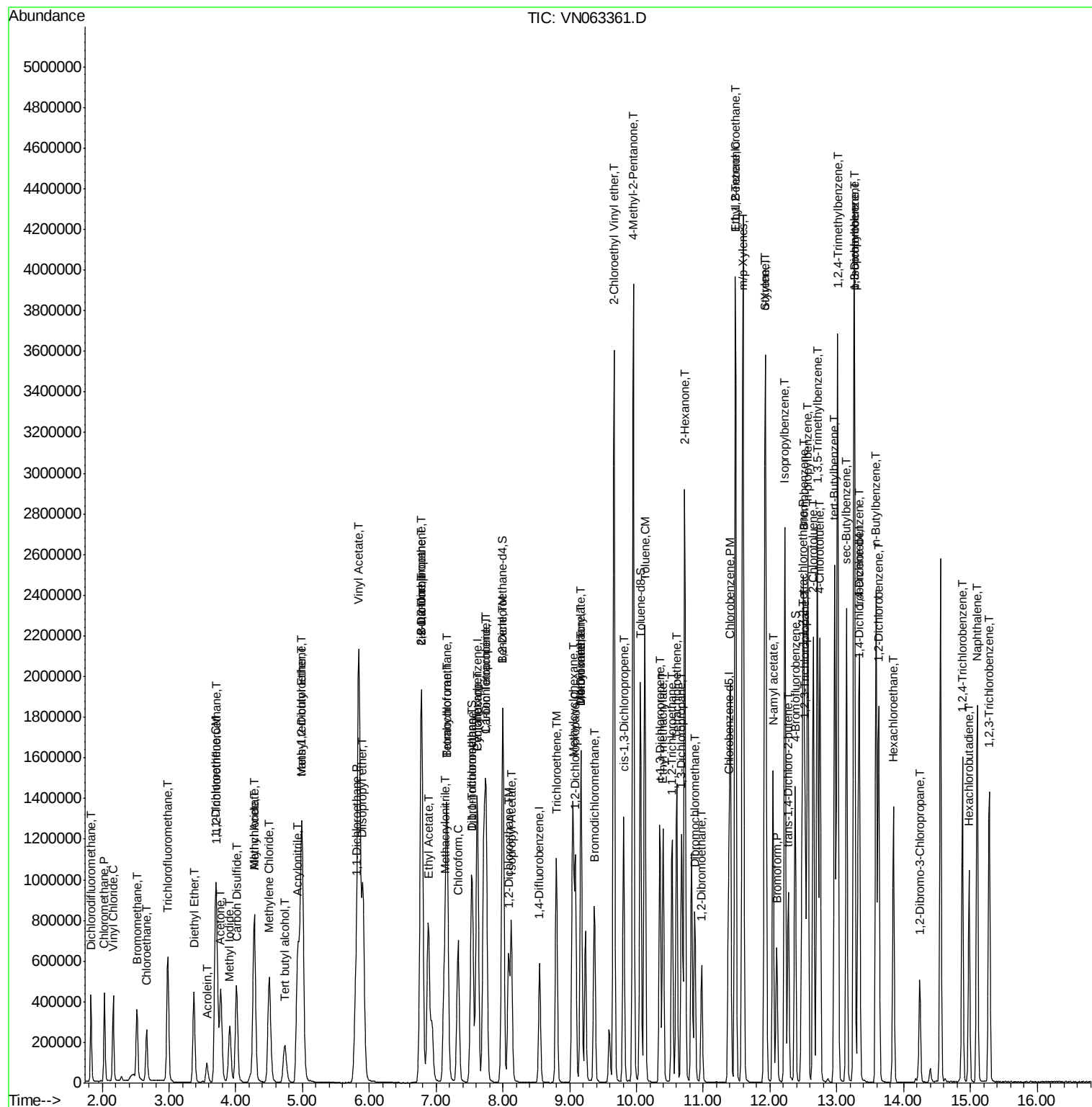
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	449519	108.362	ug/l	100
94) Hexachlorobutadiene	14.98	225	174340	98.193	ug/l	99
95) Naphthalene	15.10	128	1476351	109.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	429028	105.705	ug/l	98

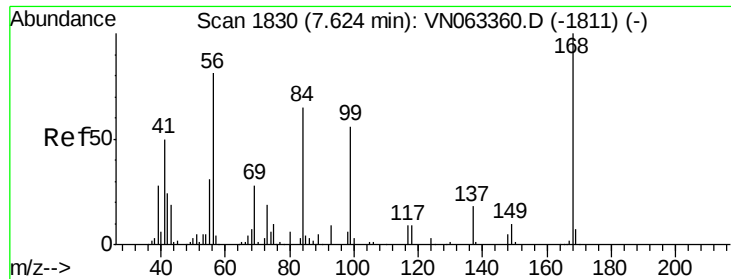
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

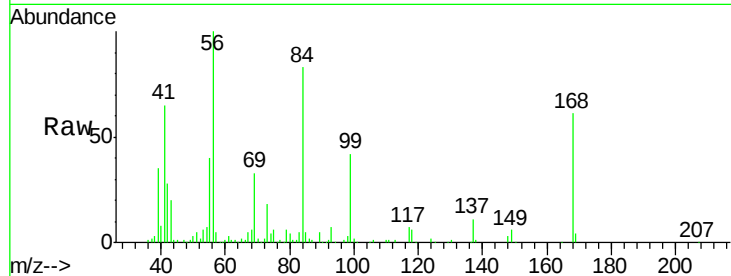
VSTDIC100

Tgt Ion:168 Resp: 277809

Ion Ratio Lower Upper

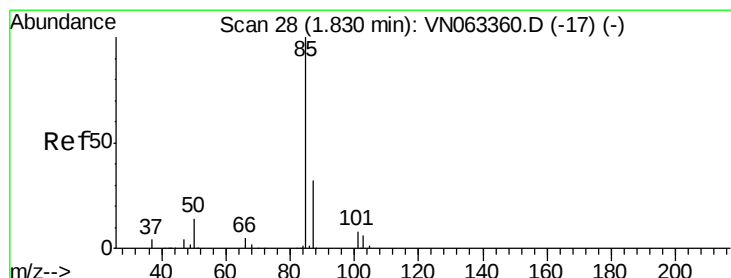
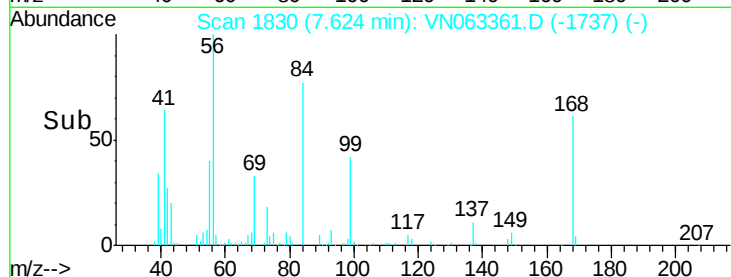
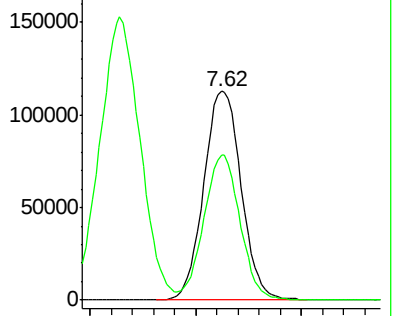
168 100

99 69.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 116.080 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063361.D

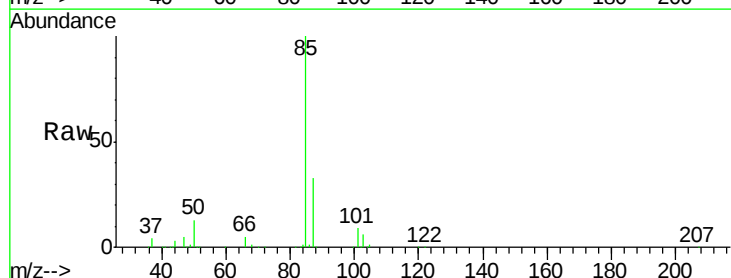
Acq: 16 Sep 2020 12:19

Tgt Ion: 85 Resp: 319882

Ion Ratio Lower Upper

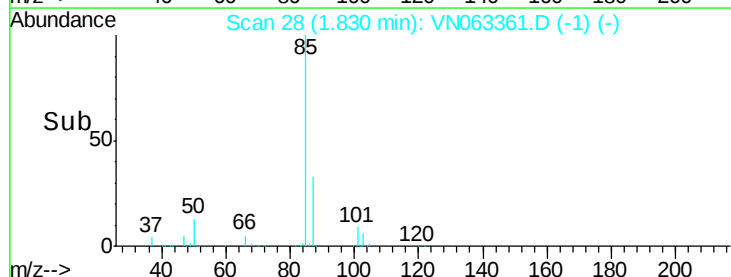
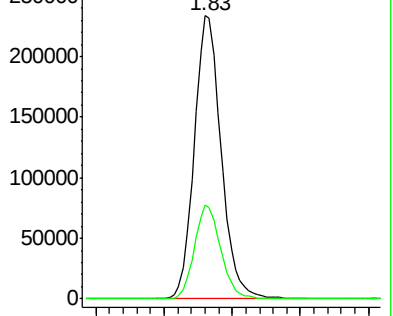
85 100

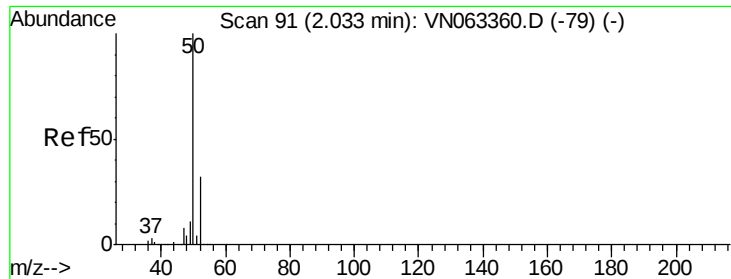
87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 94.575 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

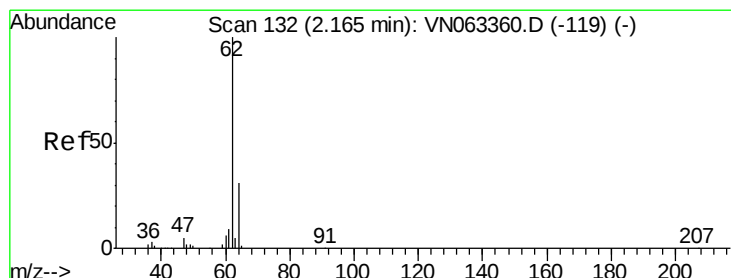
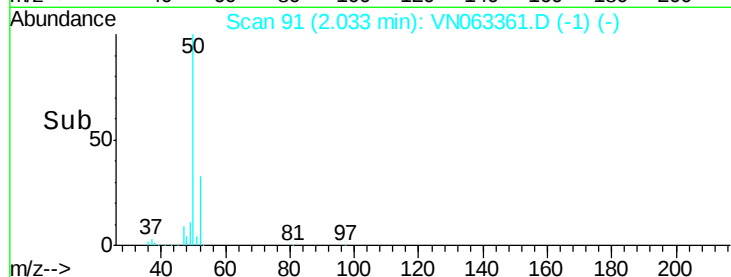
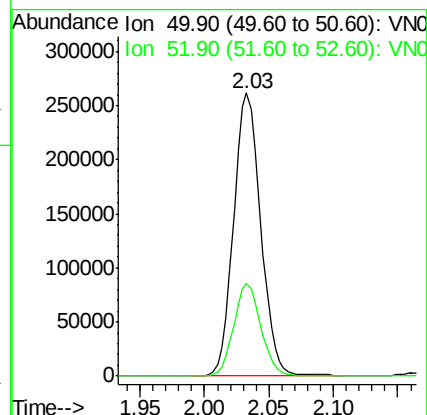
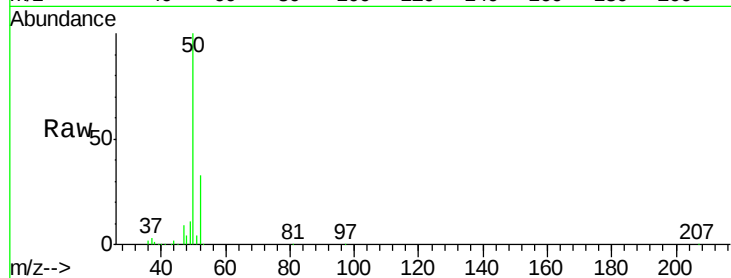
VSTDIC100

Tgt Ion: 50 Resp: 382434

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 99.426 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063361.D

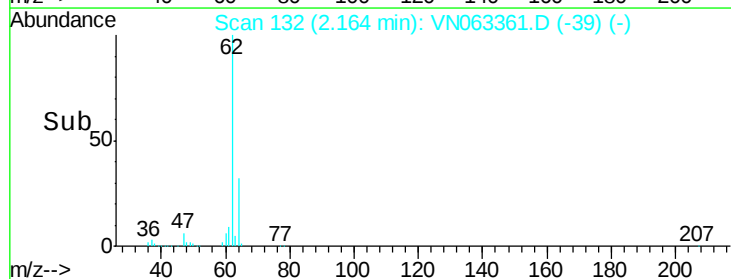
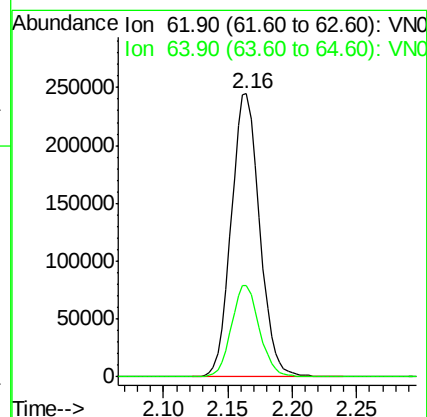
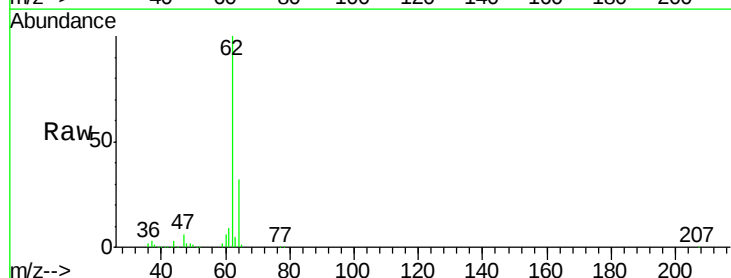
Acq: 16 Sep 2020 12:19

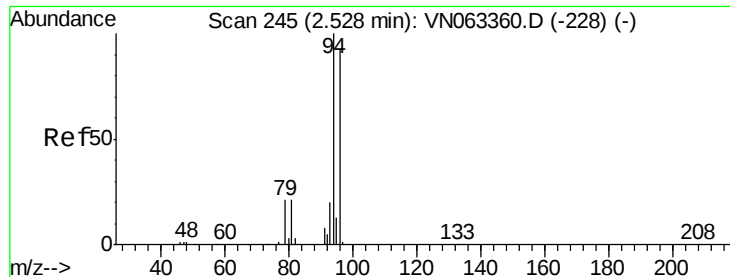
Tgt Ion: 62 Resp: 374143

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 89.338 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

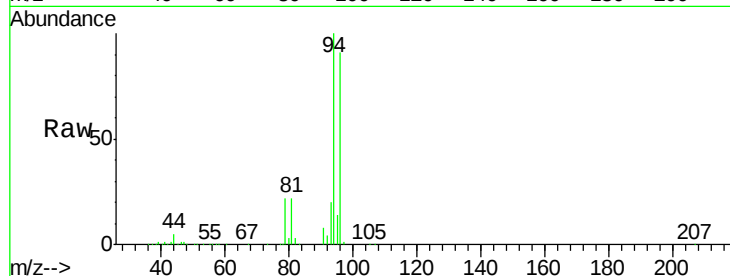
VSTDIC100

Tgt Ion: 94 Resp: 227078

Ion Ratio Lower Upper

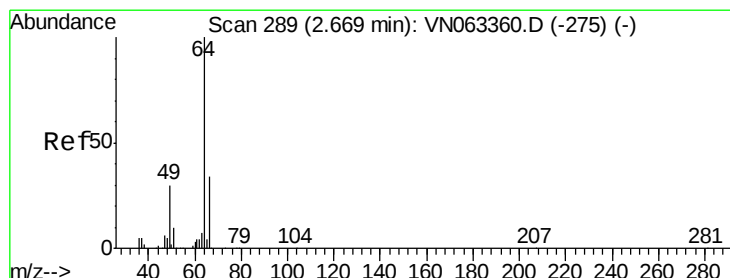
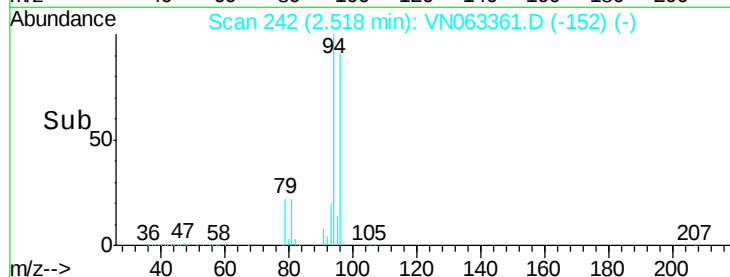
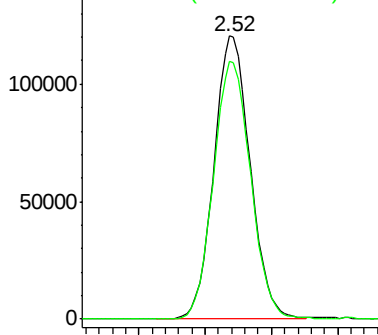
94 100

96 91.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 89.342 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN063361.D

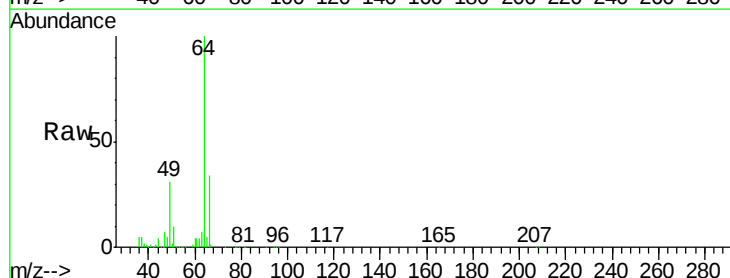
Acq: 16 Sep 2020 12:19

Tgt Ion: 64 Resp: 216308

Ion Ratio Lower Upper

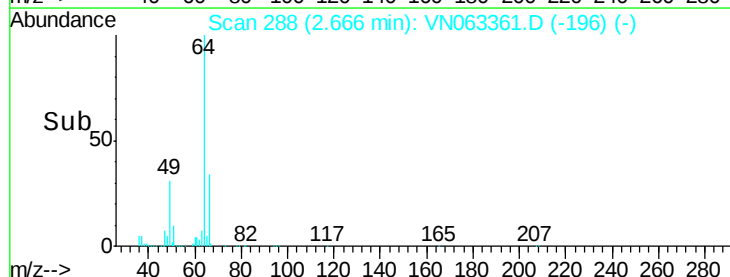
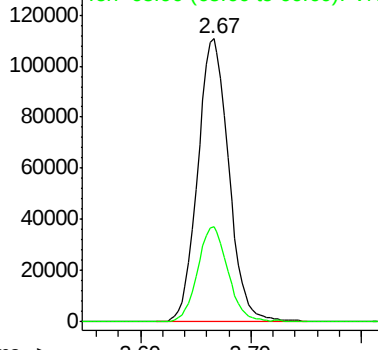
64 100

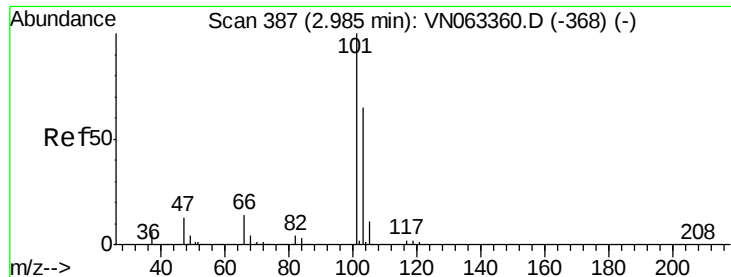
66 33.7 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



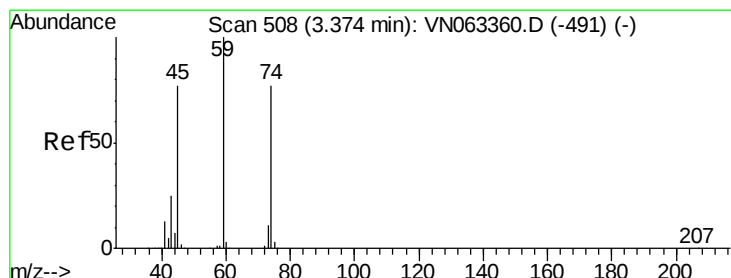
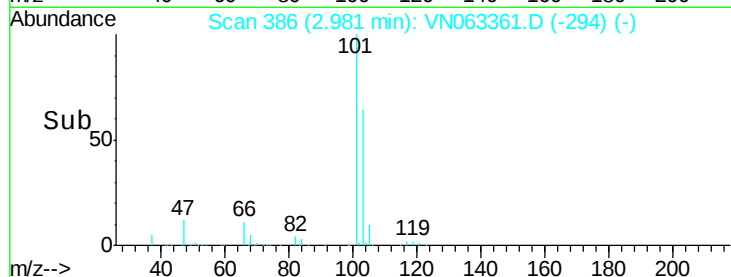
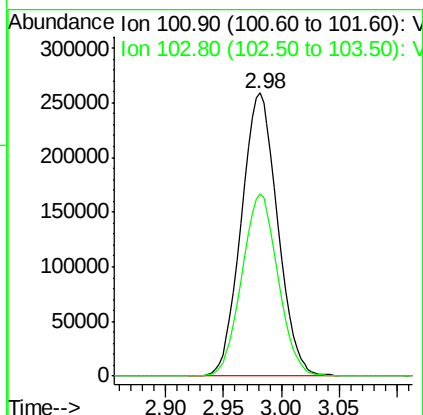
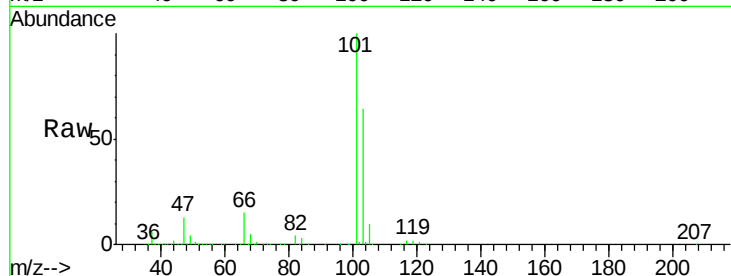


#7

Trichlorofluoromethane
Concen: 97.649 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
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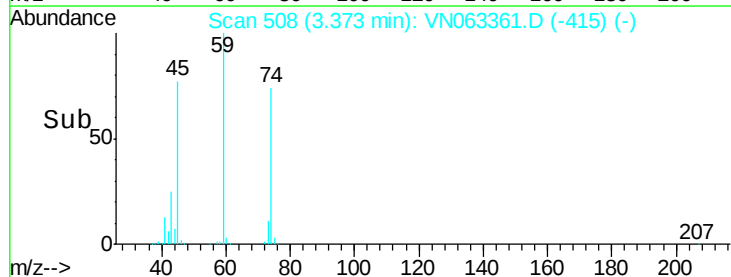
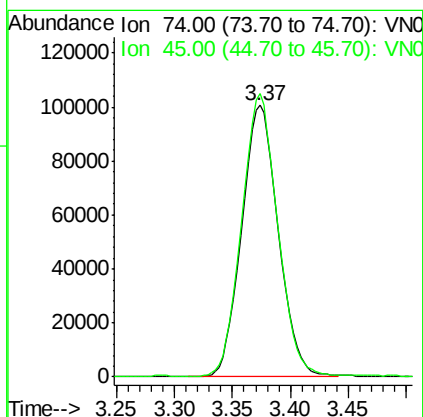
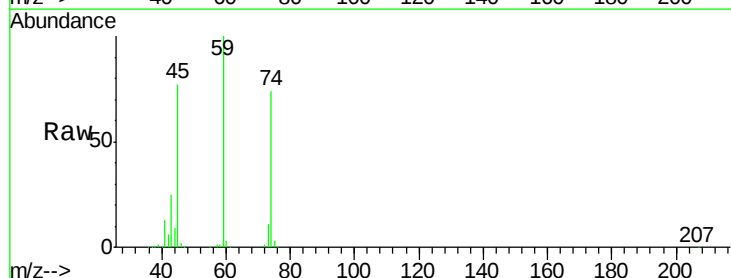
Tgt Ion:101 Resp: 565798
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5

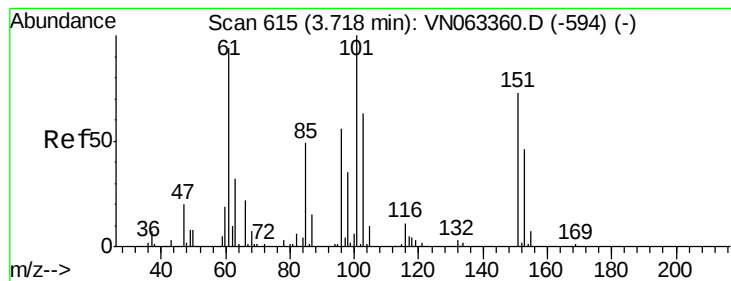


#8

Diethyl Ether
Concen: 104.924 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 74 Resp: 221421
Ion Ratio Lower Upper
74 100
45 102.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.894 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

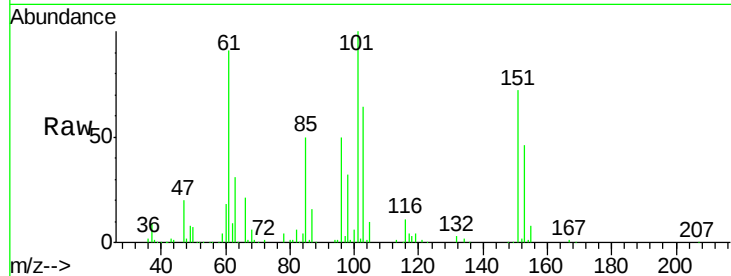
Tgt Ion:101 Resp: 311781

Ion Ratio Lower Upper

101 100

85 48.9 37.7 56.5

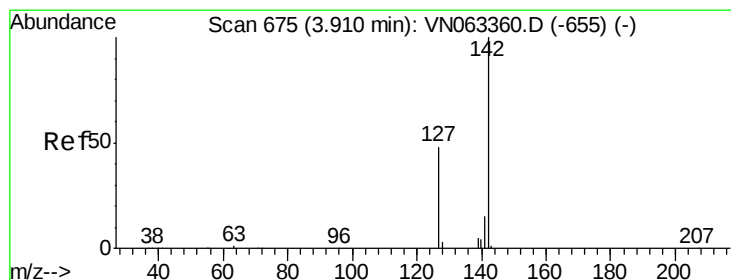
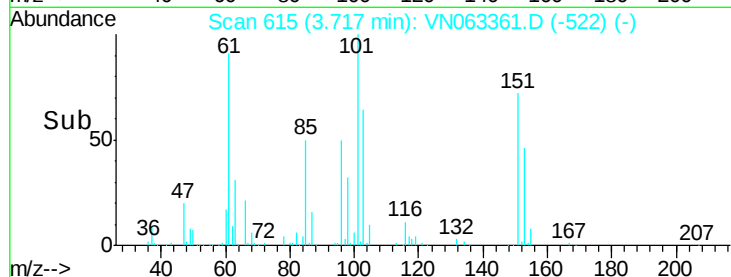
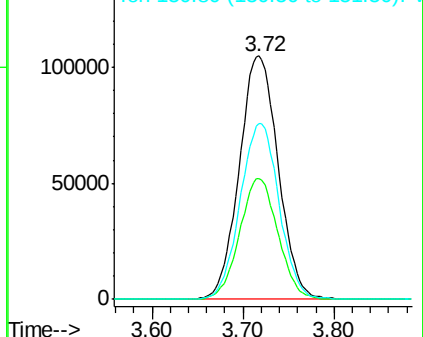
151 72.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 109.308 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

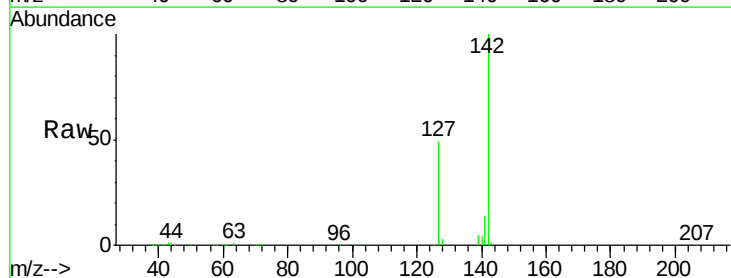
Tgt Ion:142 Resp: 431049

Ion Ratio Lower Upper

142 100

127 48.7 39.0 58.6

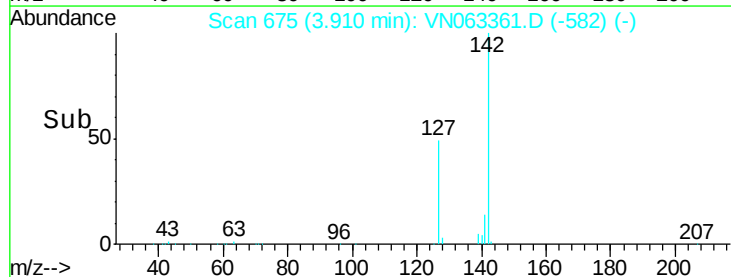
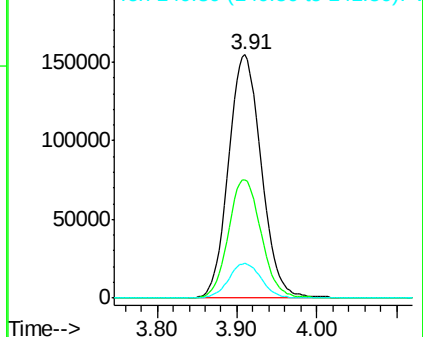
141 14.2 11.6 17.4

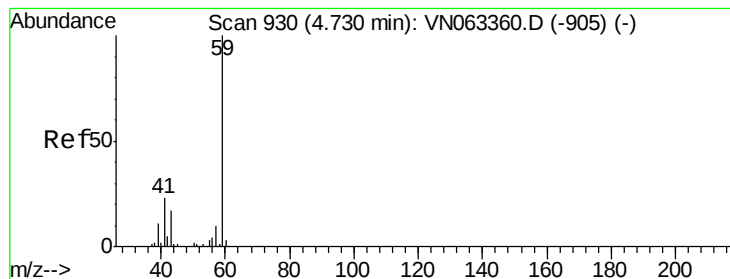


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



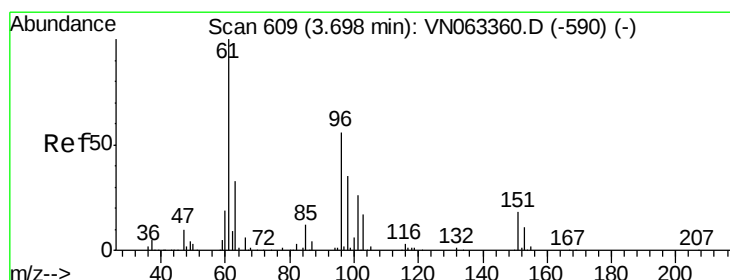
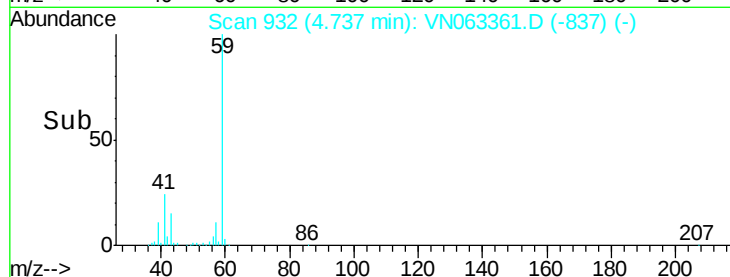
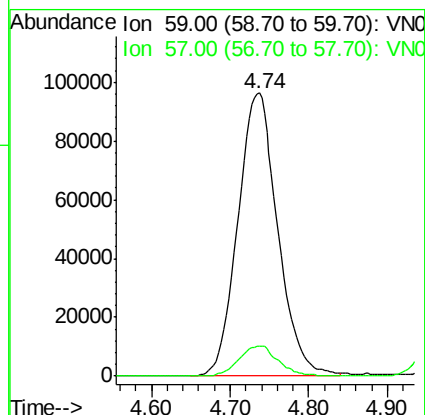
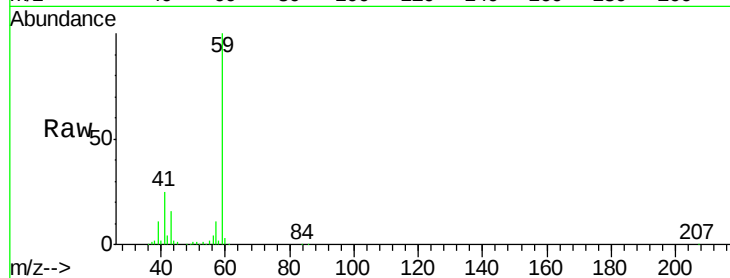


#11

Tert butyl alcohol
Concen: 580.684 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

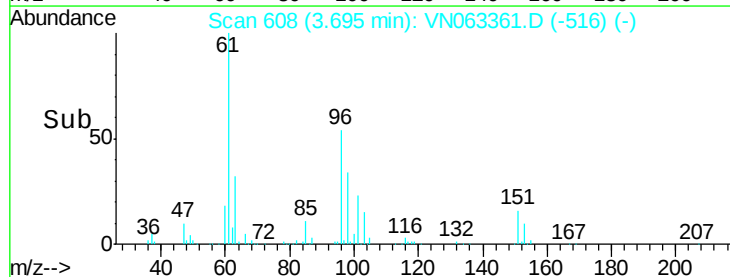
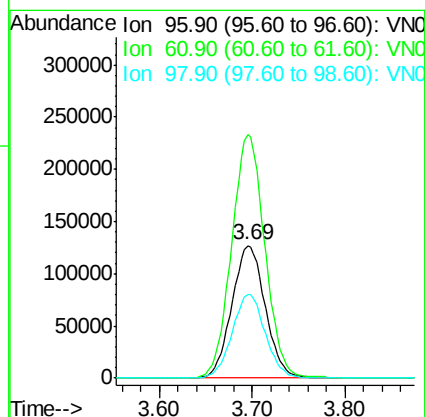
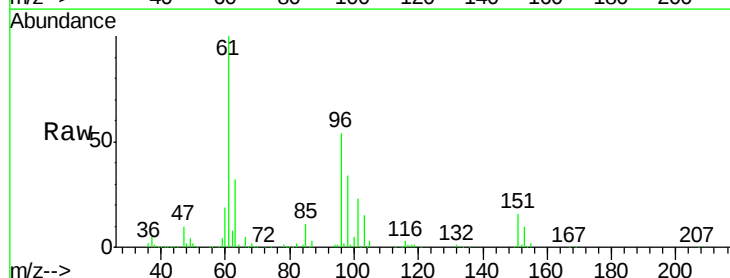
Tgt Ion: 59 Resp: 342430
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

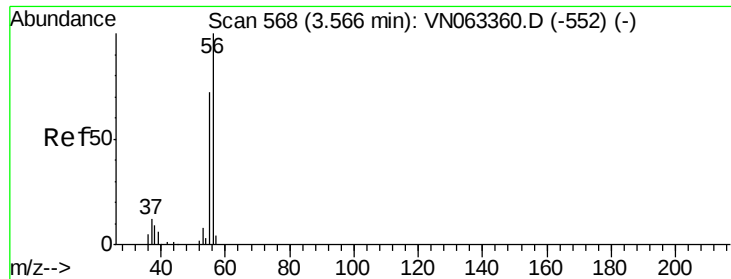


#12

1,1-Dichloroethene
Concen: 103.375 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 96 Resp: 317334
Ion Ratio Lower Upper
96 100
61 183.6 143.4 215.2
98 63.3 50.6 76.0





#13

Acrolein

Concen: 379.550 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

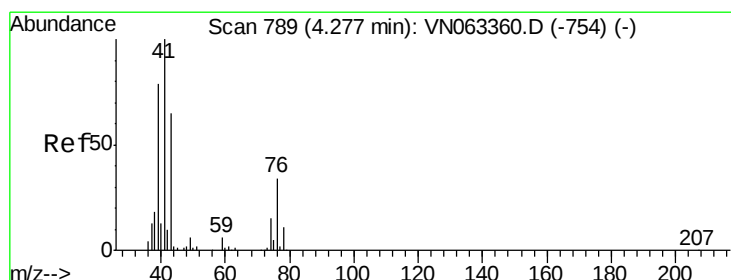
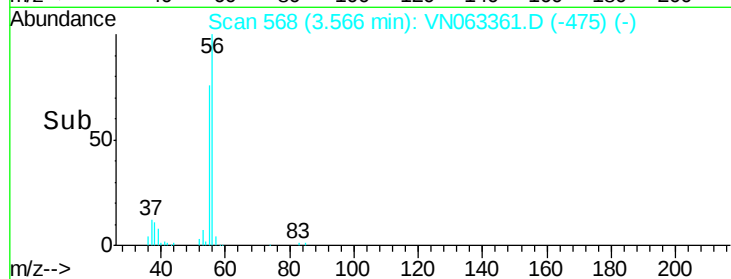
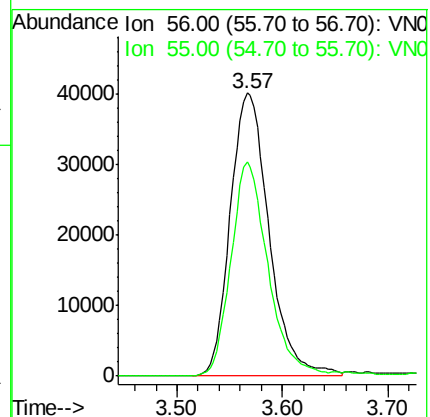
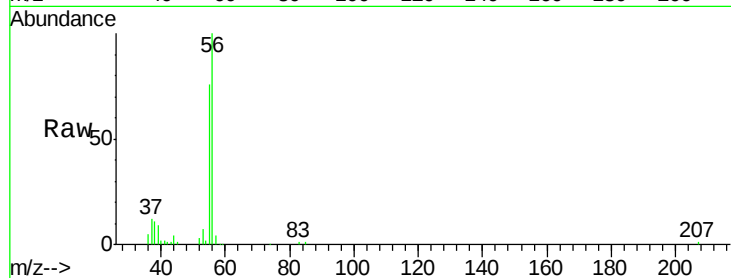
VSTDIC100

Tgt Ion: 56 Resp: 102662

Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.2



#14

Allyl chloride

Concen: 101.029 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

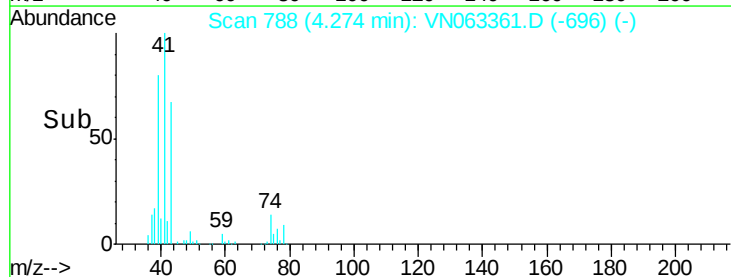
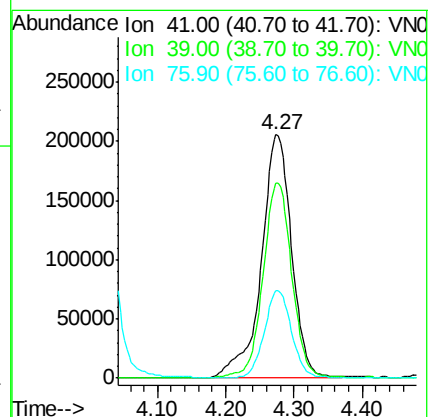
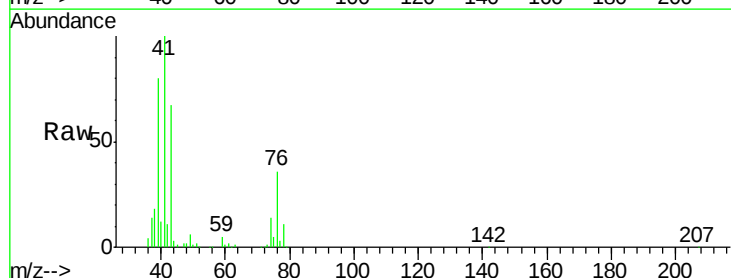
Tgt Ion: 41 Resp: 635361

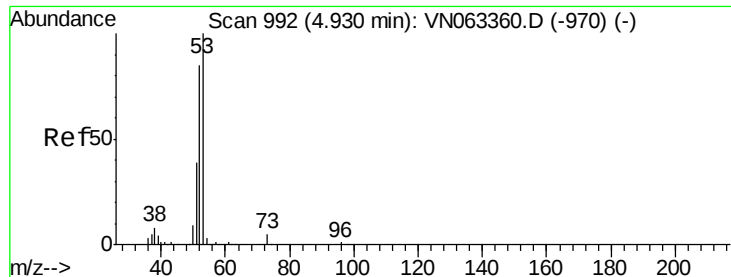
Ion Ratio Lower Upper

41 100

39 75.9 59.3 88.9

76 31.8 25.3 37.9





#15

Acrylonitrile

Concen: 541.077 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

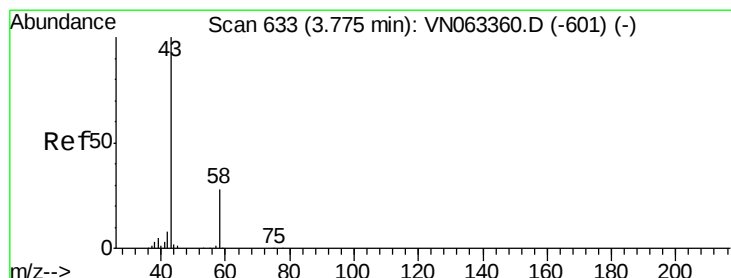
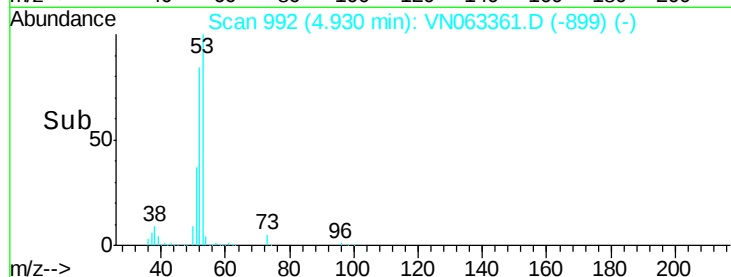
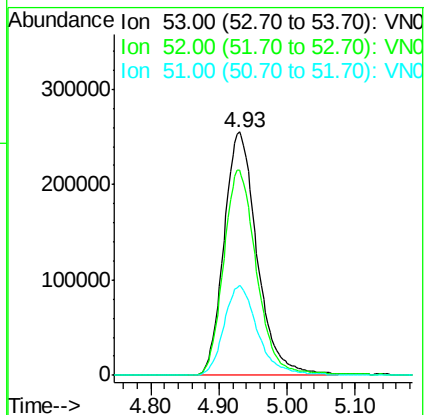
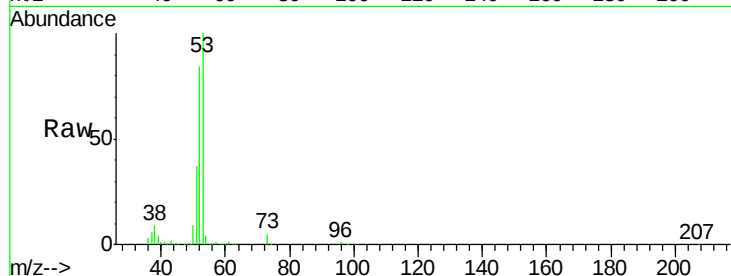
Tgt Ion: 53 Resp: 861272

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 37.7 30.2 45.4



#16

Acetone

Concen: 489.143 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063361.D

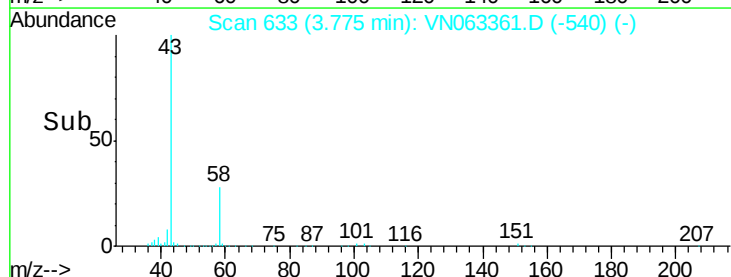
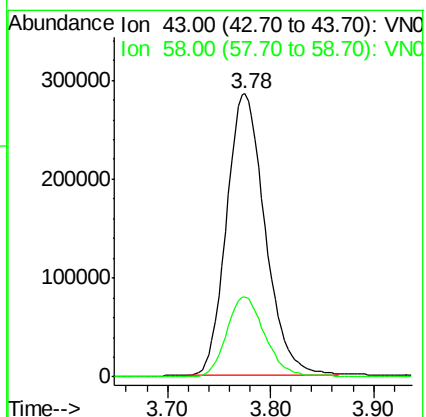
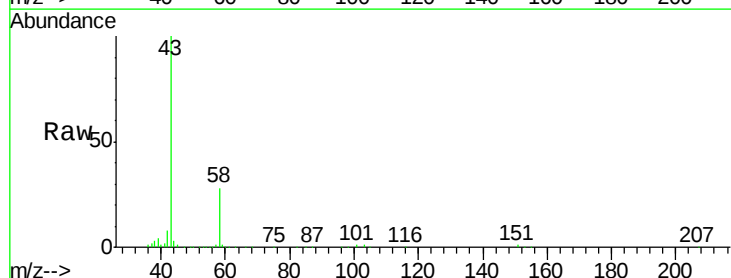
Acq: 16 Sep 2020 12:19

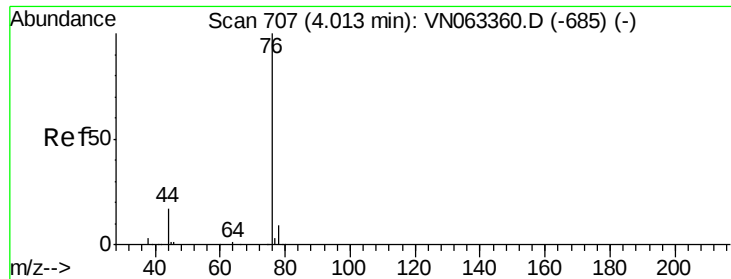
Tgt Ion: 43 Resp: 738586

Ion Ratio Lower Upper

43 100

58 28.5 22.3 33.5

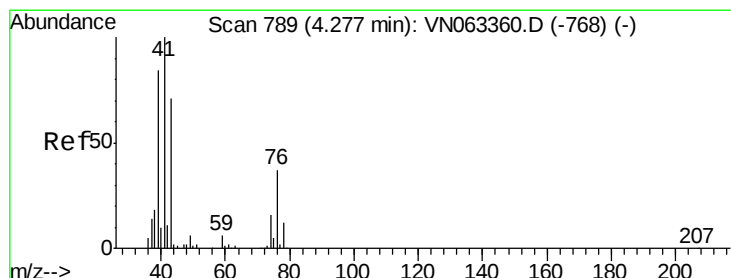
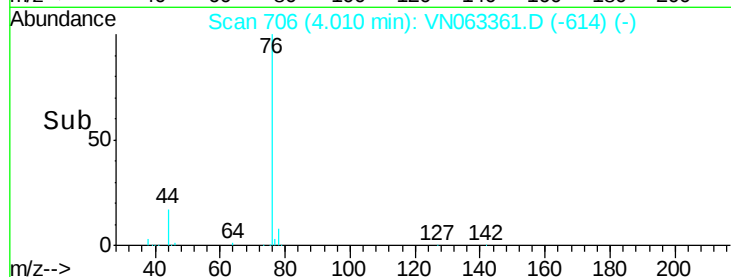
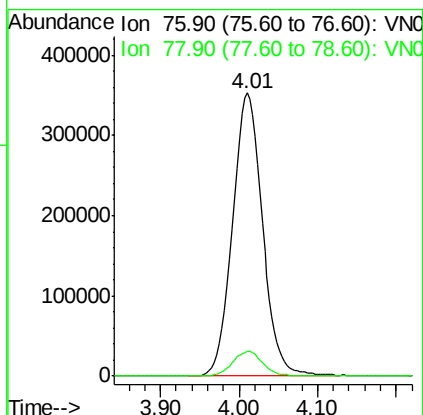
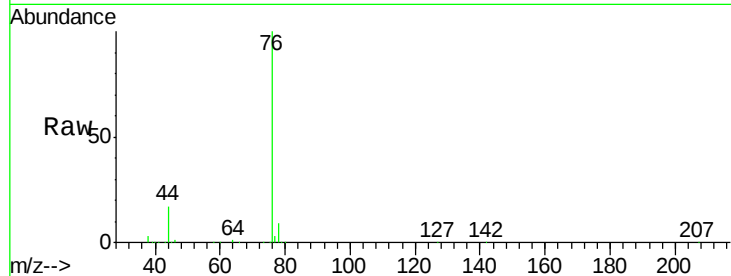




#17
Carbon Disulfide
Concen: 98.818 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

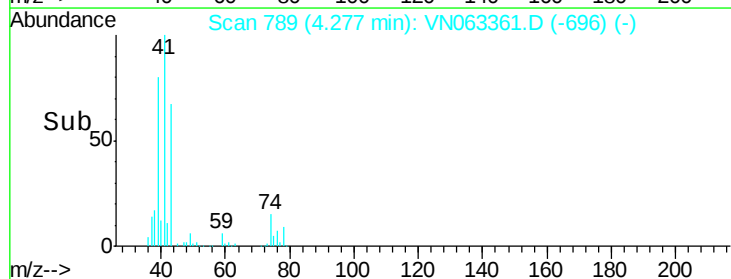
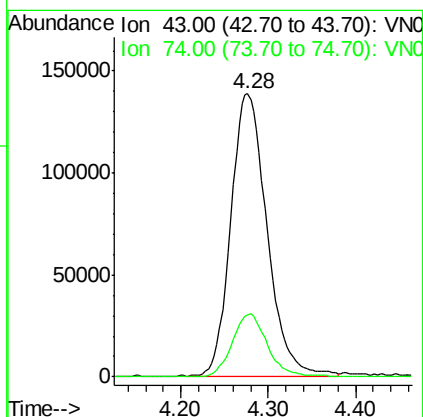
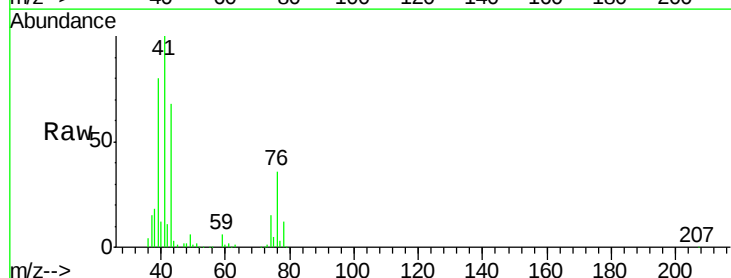
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

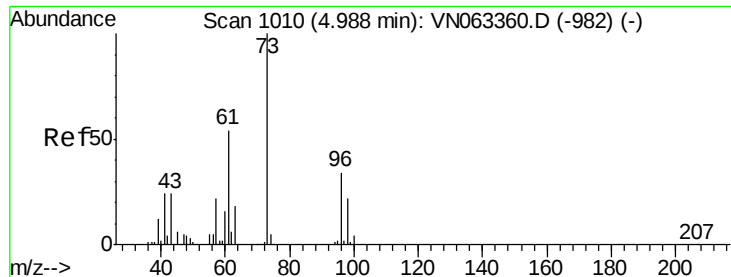
Tgt Ion: 76 Resp: 937709
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 103.874 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 43 Resp: 395709
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.2

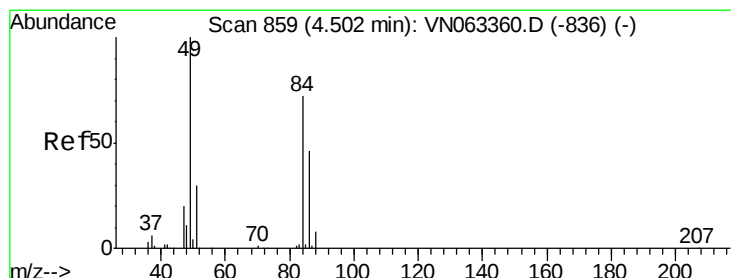
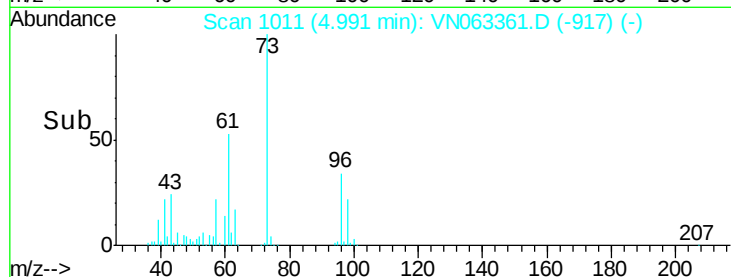
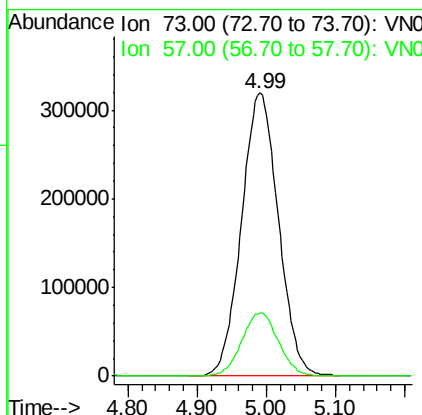
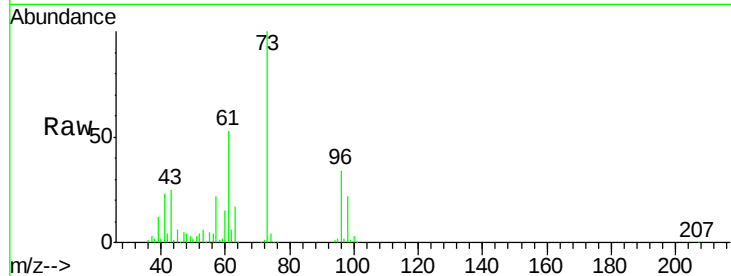




#19
Methyl tert-butyl Ether
Concen: 107.625 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

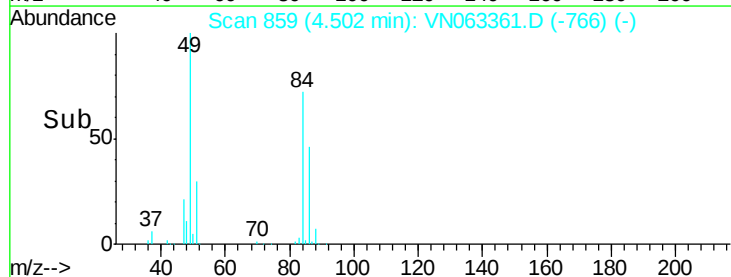
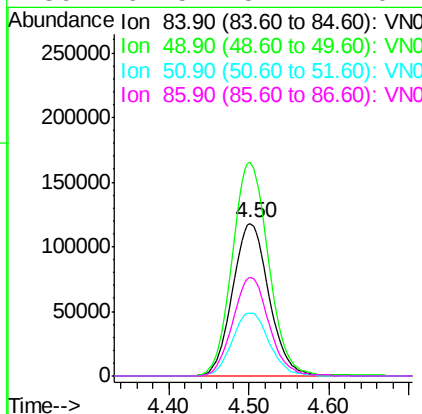
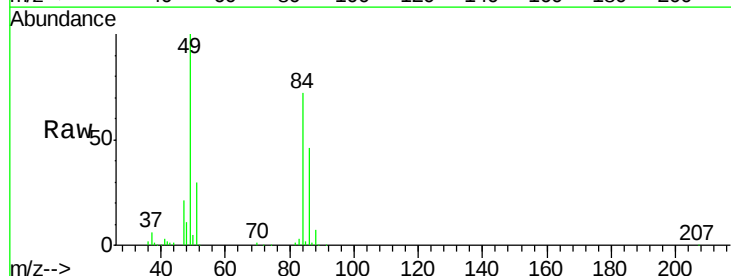
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

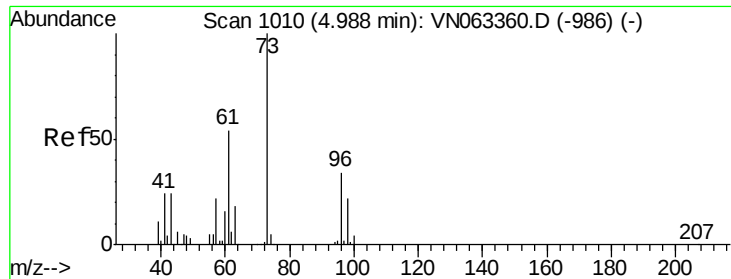
Tgt Ion: 73 Resp: 1182163
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 94.317 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 84 Resp: 364682
Ion Ratio Lower Upper
84 100
49 139.7 110.7 166.1
51 41.5 32.9 49.3
86 64.5 51.1 76.7

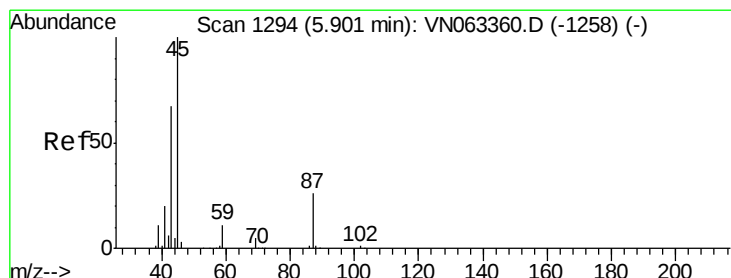
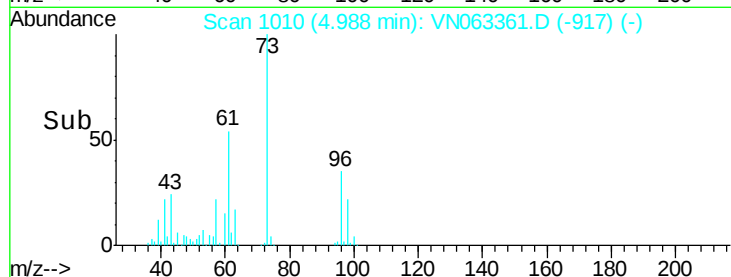
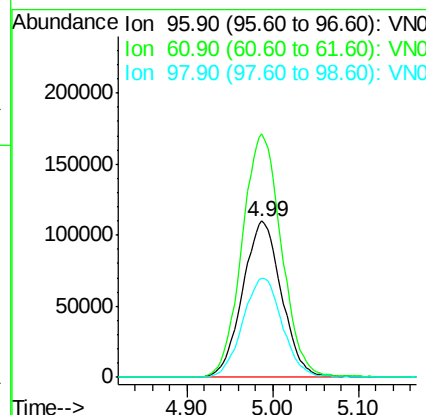
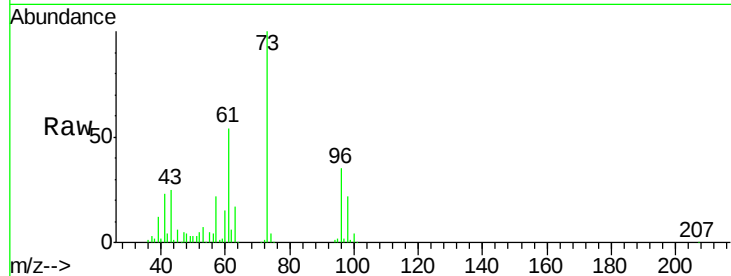




#21
trans-1,2-Dichloroethene
Concen: 100.931 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

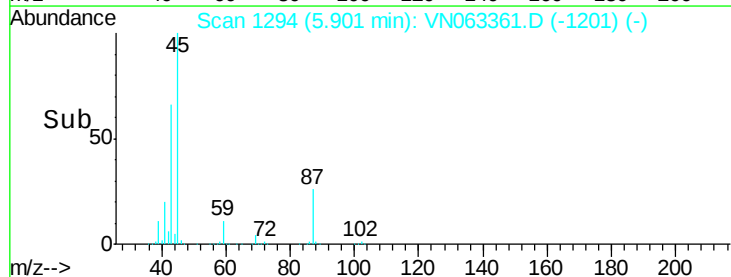
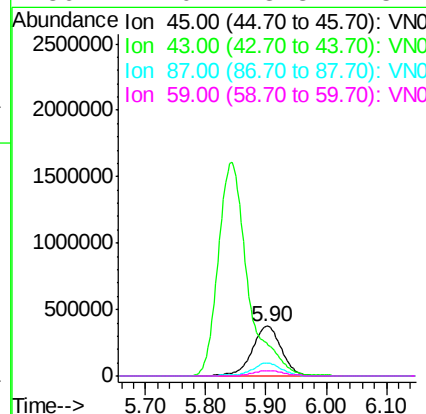
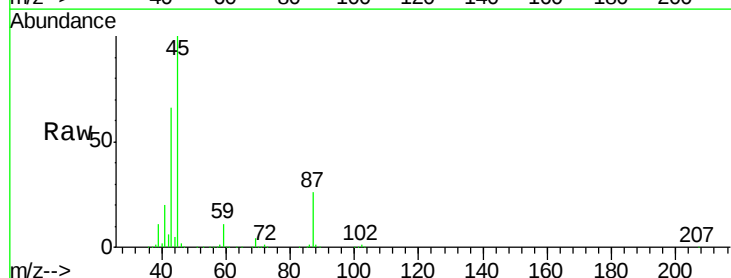
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

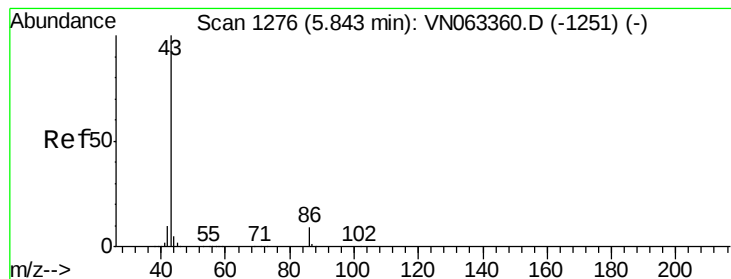
Tgt Ion: 96 Resp: 346087
Ion Ratio Lower Upper
96 100
61 156.1 126.2 189.4
98 63.7 51.0 76.4



#22
Diisopropyl ether
Concen: 104.055 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 45 Resp: 1279228
Ion Ratio Lower Upper
45 100
43 65.1 53.5 80.3
87 25.9 21.2 31.8
59 11.0 8.8 13.2





#23

Vinyl Acetate

Concen: 561.869 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

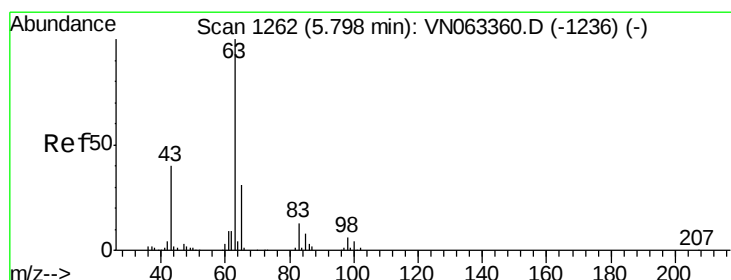
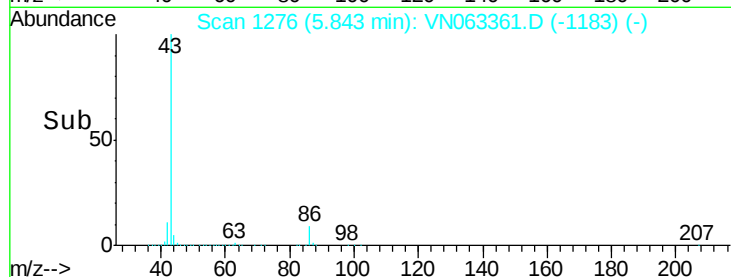
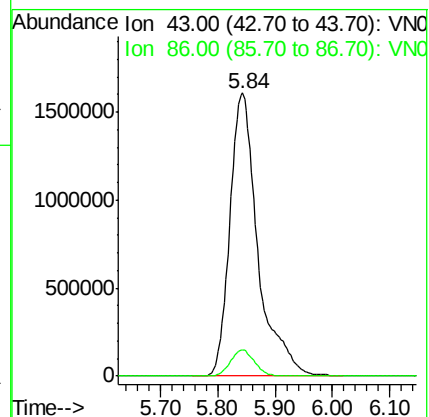
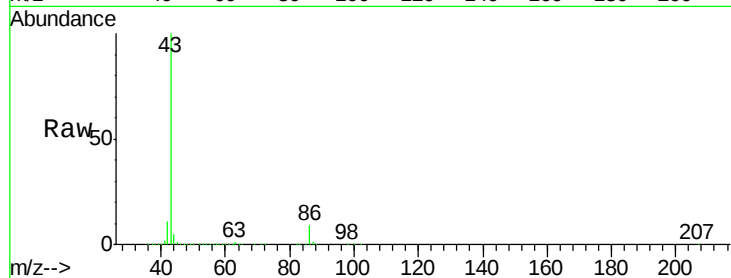
VSTDIC100

Tgt Ion: 43 Resp: 5467073

Ion Ratio Lower Upper

43 100

86 9.2 7.1 10.7



#24

1,1-Dichloroethane

Concen: 104.995 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

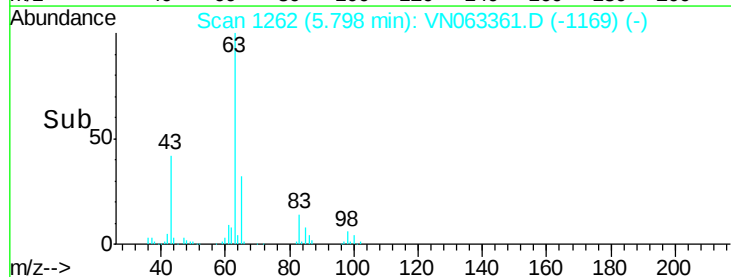
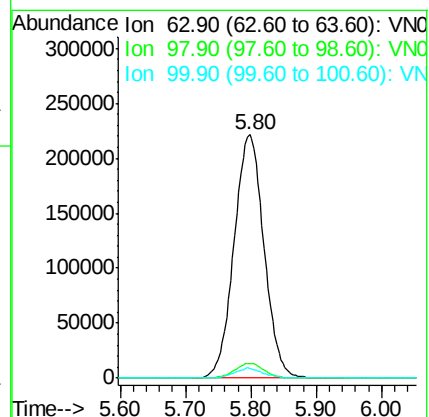
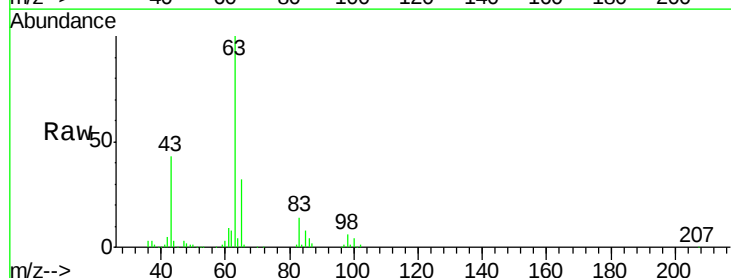
Tgt Ion: 63 Resp: 705005

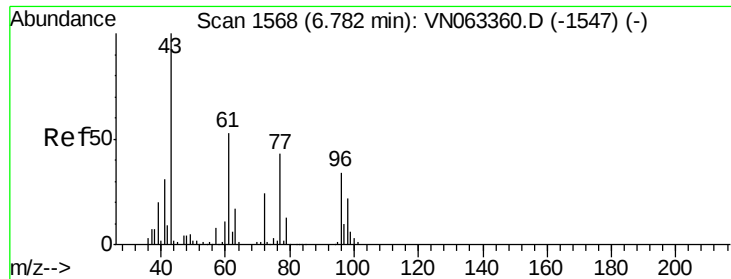
Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 549.002 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

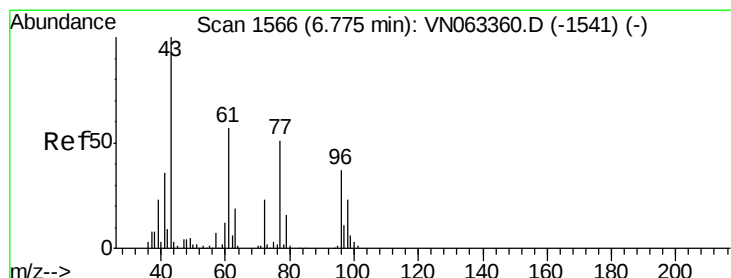
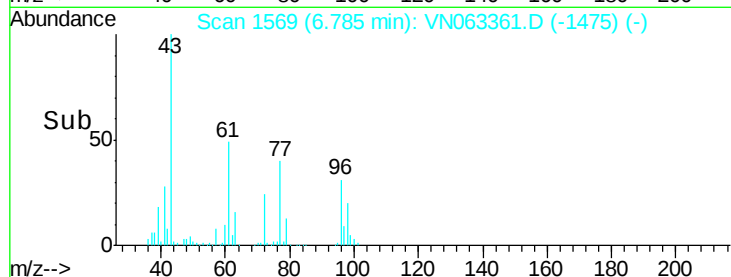
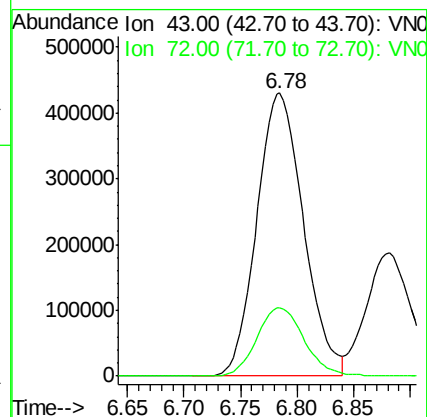
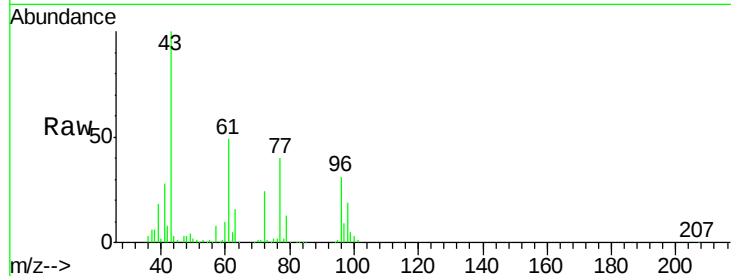
VSTDIC100

Tgt Ion: 43 Resp: 1229741

Ion Ratio Lower Upper

43 100

72 24.2 19.2 28.8



#26

2,2-Dichloropropane

Concen: 103.387 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063361.D

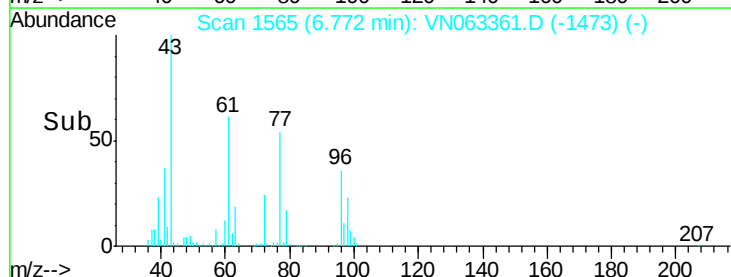
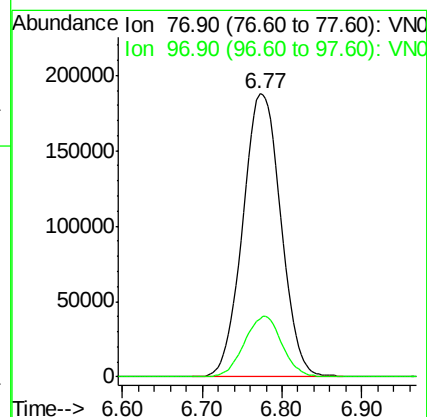
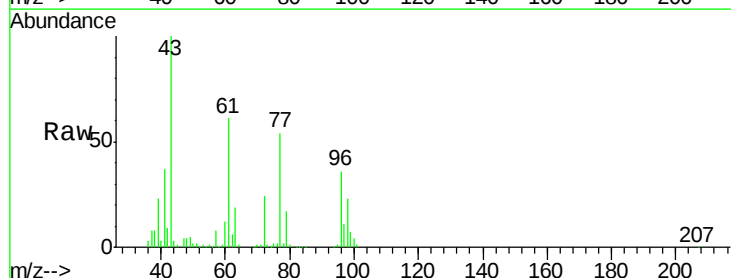
Acq: 16 Sep 2020 12:19

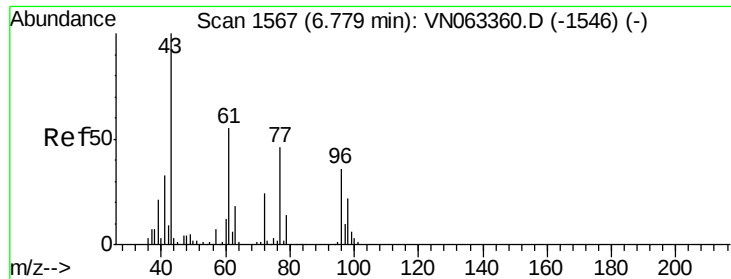
Tgt Ion: 77 Resp: 606822

Ion Ratio Lower Upper

77 100

97 21.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 100.449 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

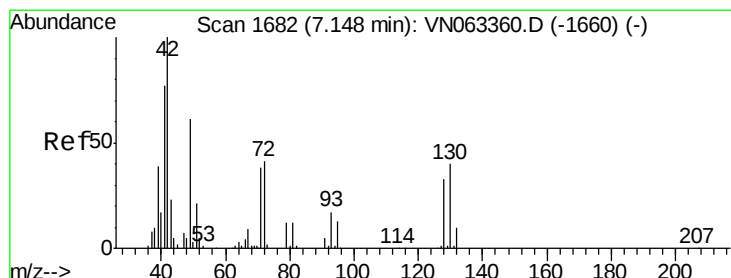
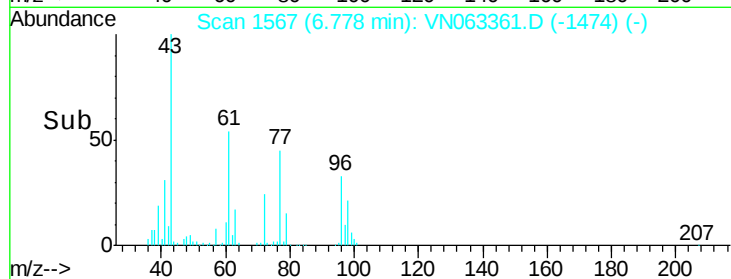
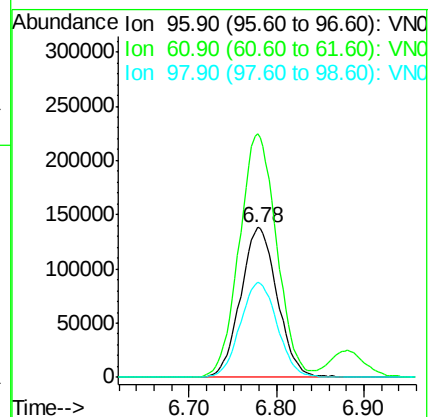
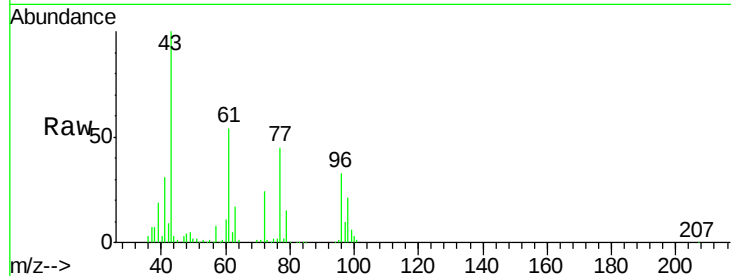
Tgt Ion: 96 Resp: 401335

Ion Ratio Lower Upper

96 100

61 165.6 0.0 319.6

98 64.1 0.0 127.8



#28

Bromochloromethane

Concen: 102.674 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

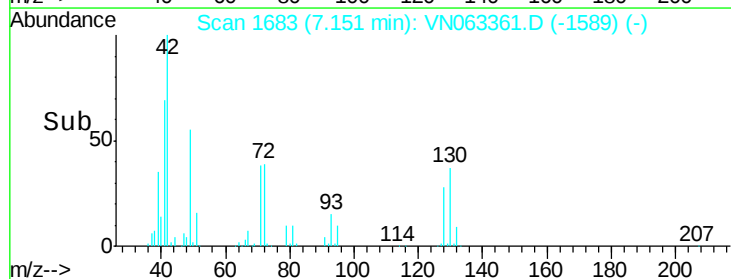
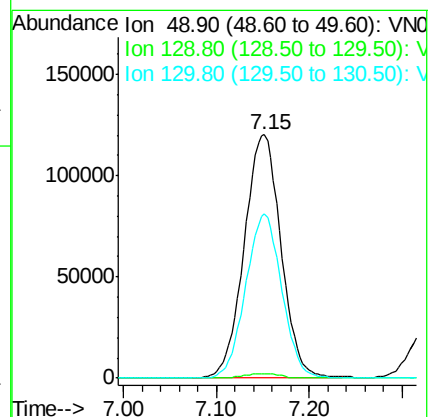
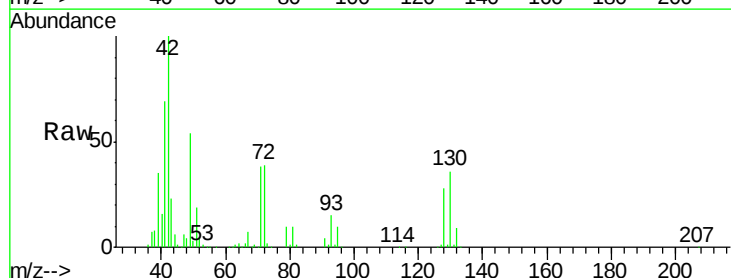
Tgt Ion: 49 Resp: 331100

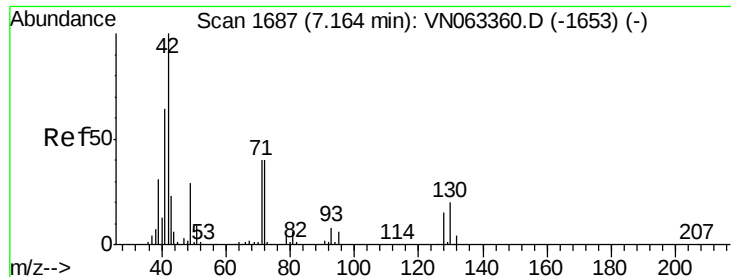
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 66.1 52.2 78.2





#29

Tetrahydrofuran

Concen: 569.163 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

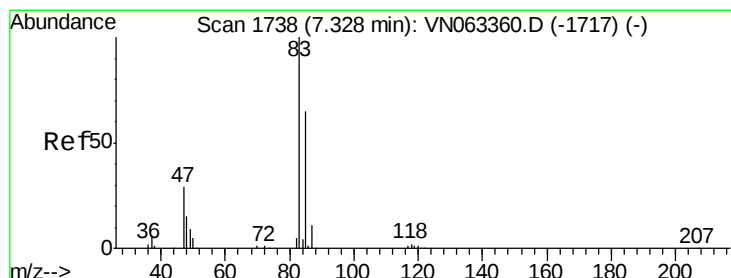
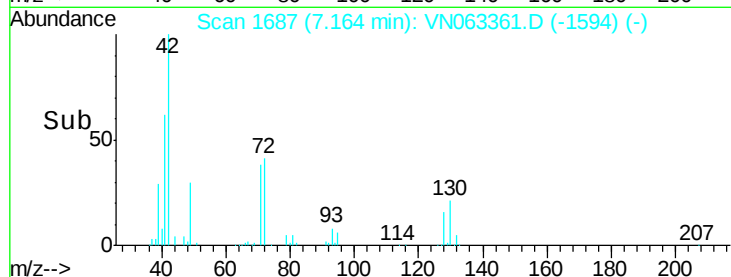
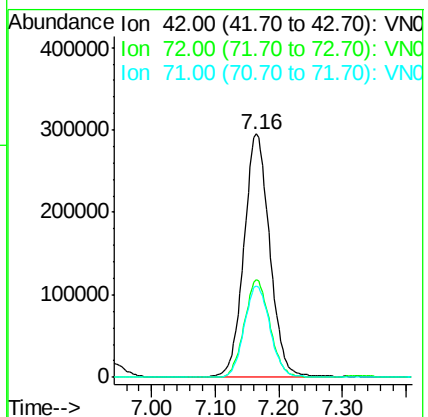
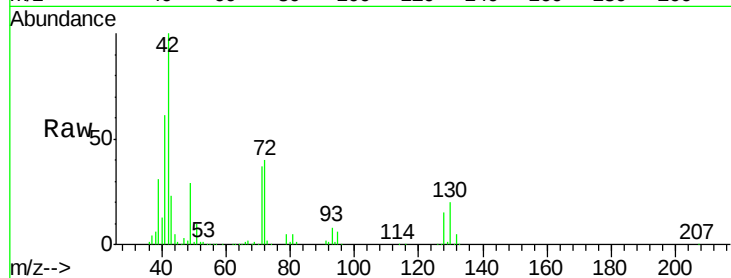
Tgt Ion: 42 Resp: 830474

Ion Ratio Lower Upper

42 100

72 39.6 32.1 48.1

71 37.4 31.2 46.8



#30

Chloroform

Concen: 105.429 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063361.D

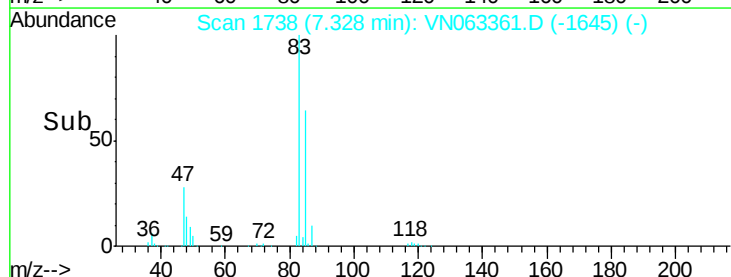
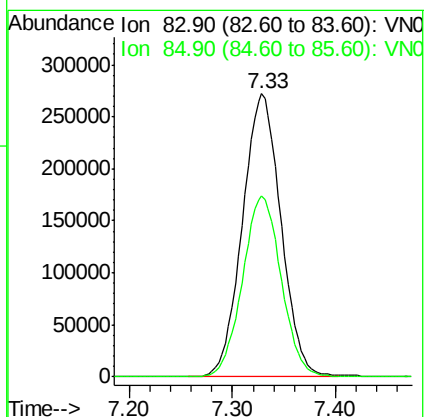
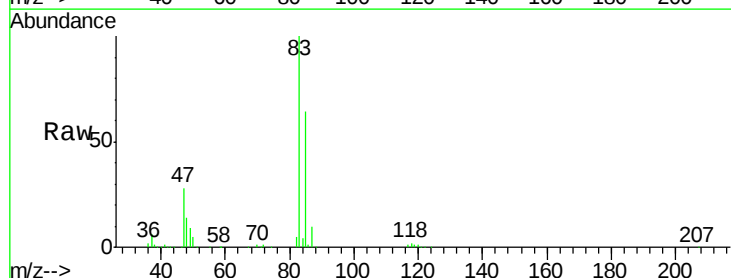
Acq: 16 Sep 2020 12:19

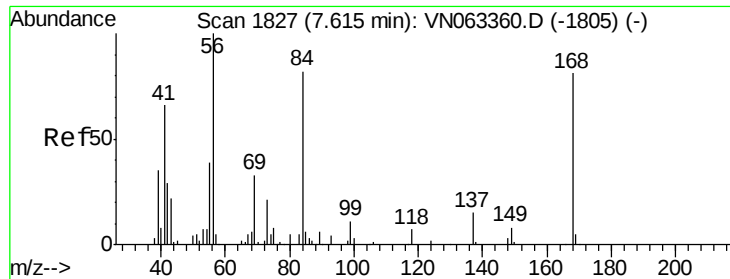
Tgt Ion: 83 Resp: 706219

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

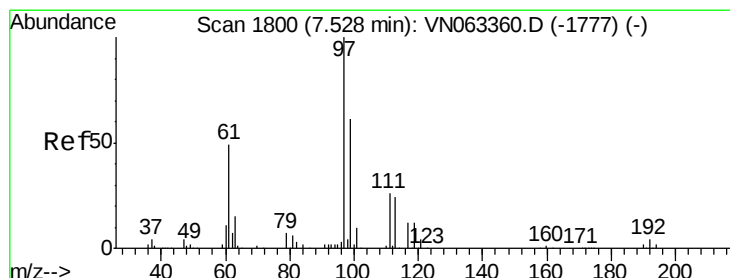
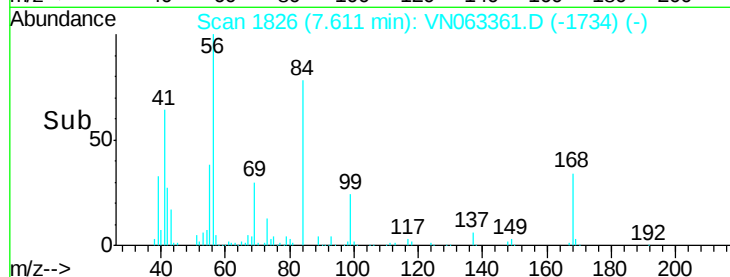
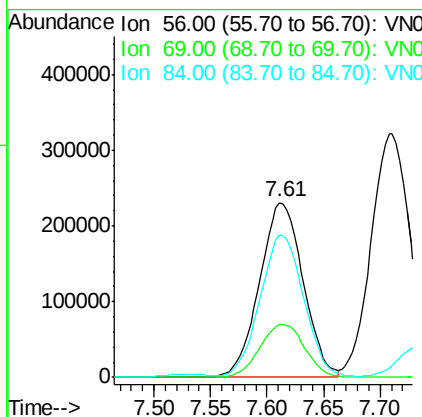
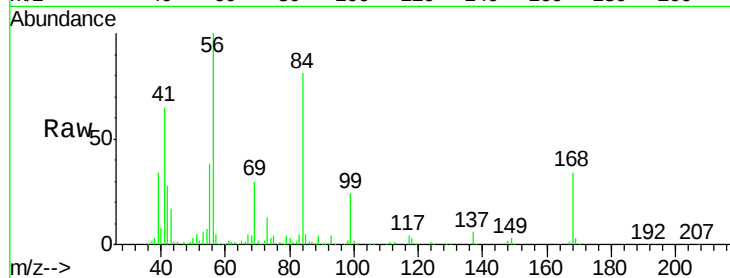




#31
Cyclohexane
Concen: 99.999 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

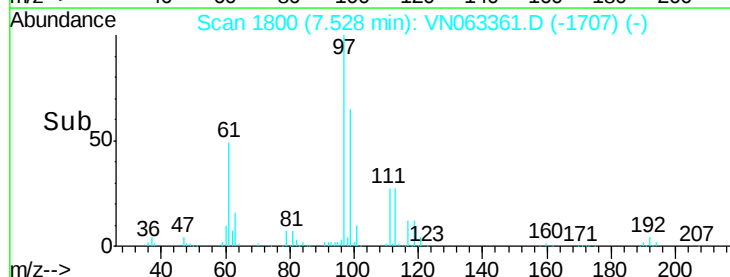
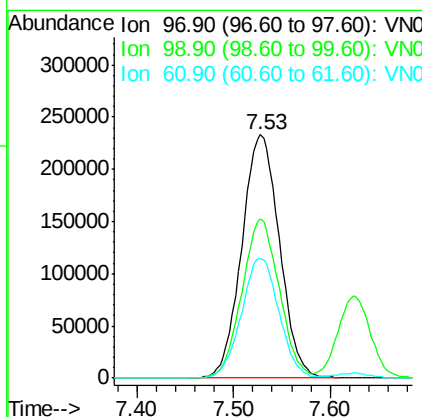
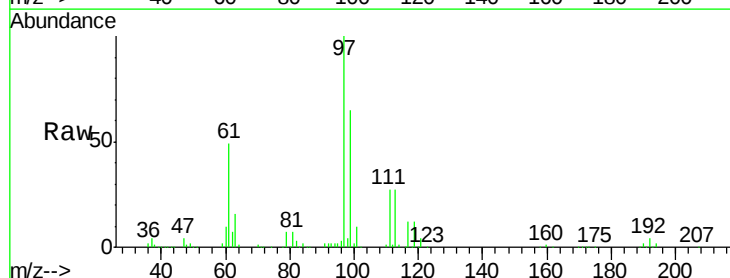
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

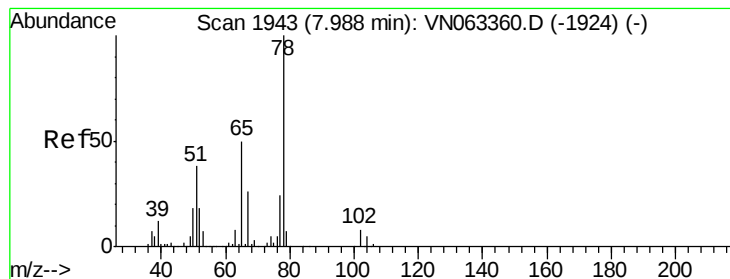
Tgt Ion: 56 Resp: 616818
Ion Ratio Lower Upper
56 100
69 30.1 26.1 39.1
84 79.7 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 107.625 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 97 Resp: 630753
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 49.1 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 110.089 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

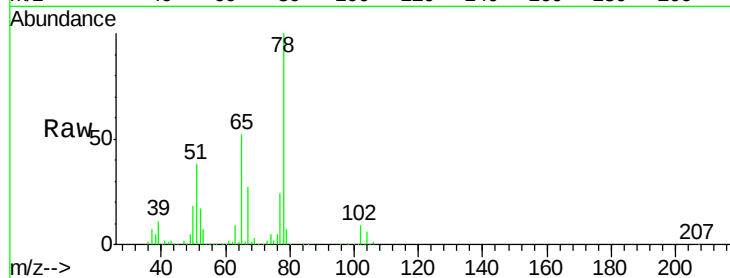
VSTDIC100

Tgt Ion: 65 Resp: 484660

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063361.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063361.D (-1850) (-)

7.99

200000

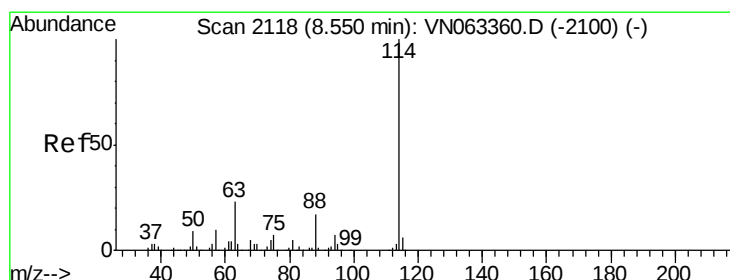
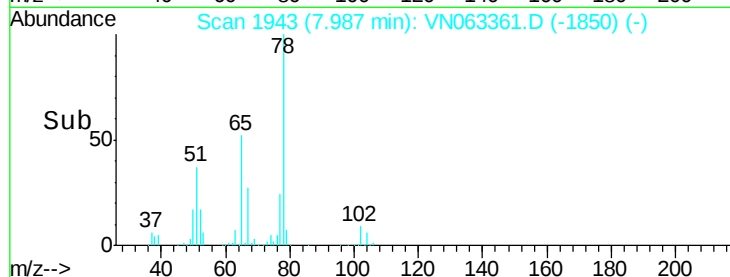
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

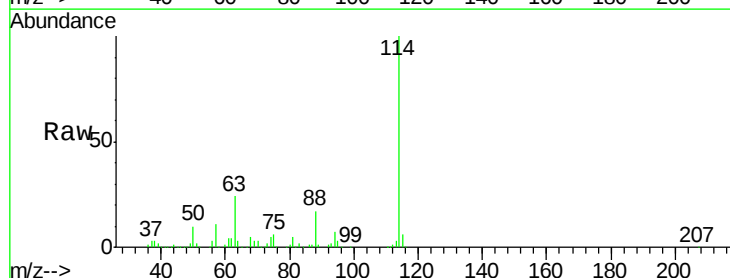
Tgt Ion: 114 Resp: 487111

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

88 16.8 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063361.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063361.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063361.D (-2025) (-)

8.55

300000

250000

200000

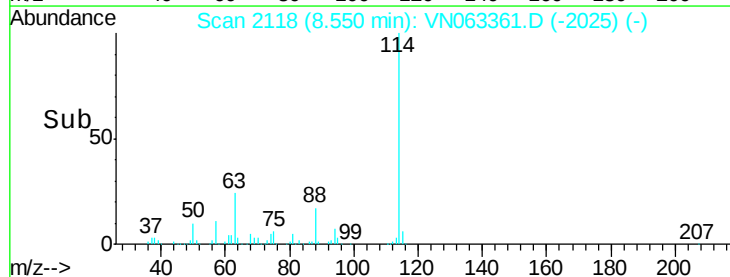
150000

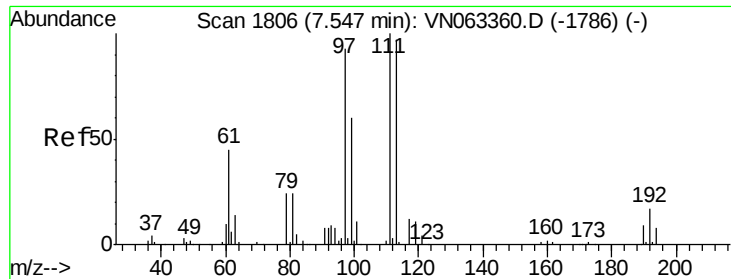
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 107.881 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

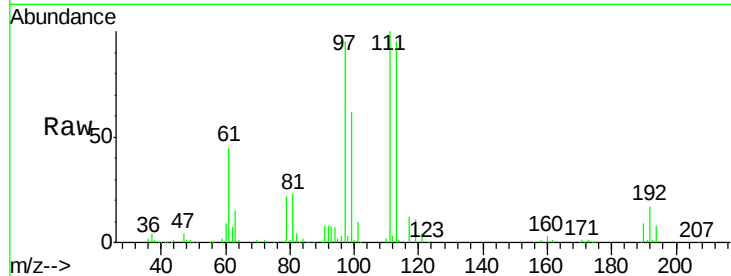
Tgt Ion:113 Resp: 340610

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

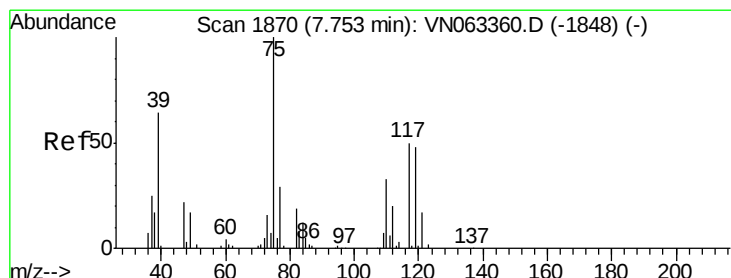
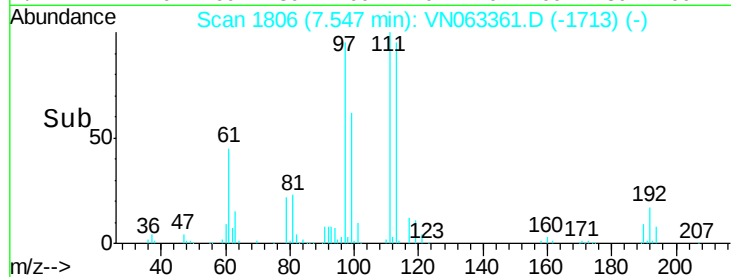
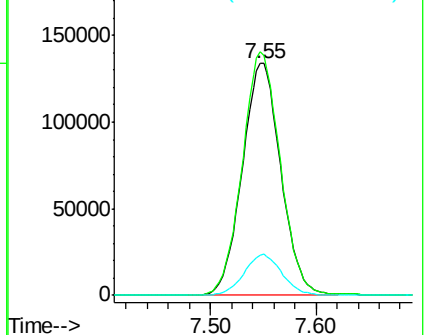
192 17.4 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 104.321 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

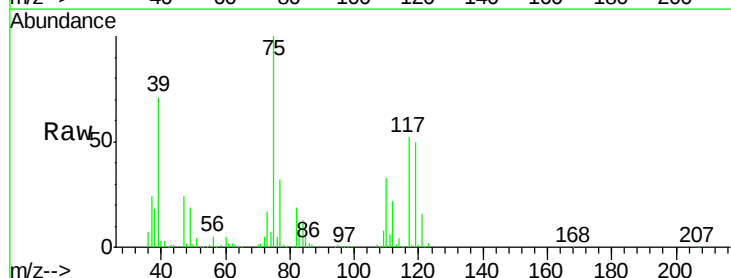
Tgt Ion: 75 Resp: 527006

Ion Ratio Lower Upper

75 100

110 32.8 16.5 49.5

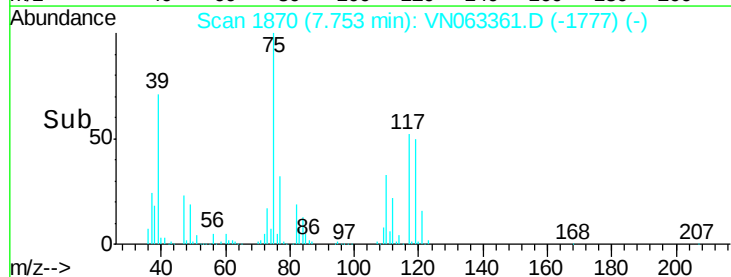
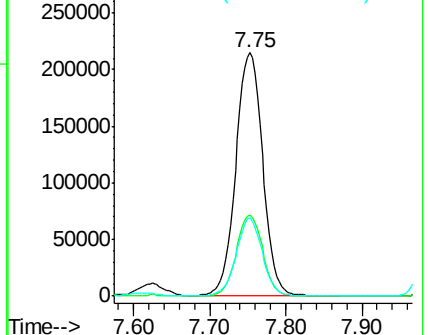
77 31.2 24.6 36.8

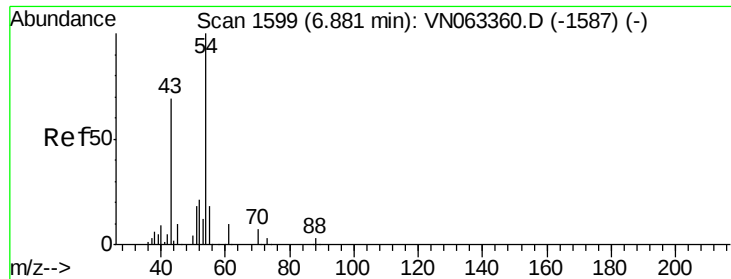


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

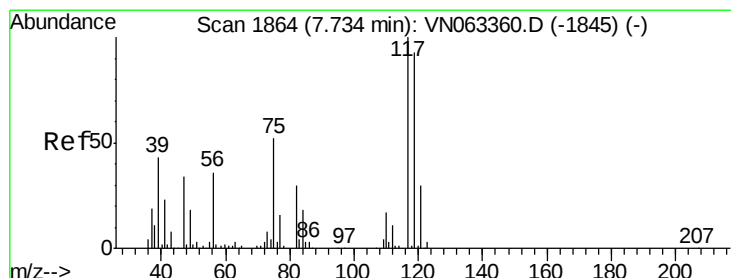
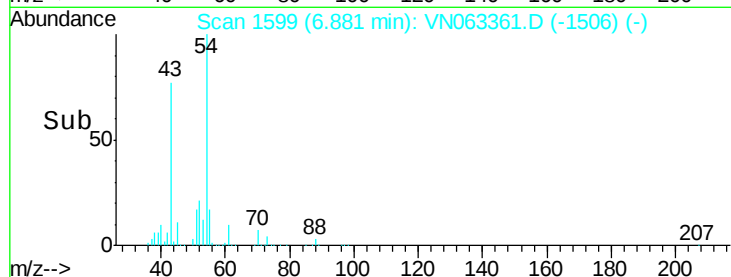
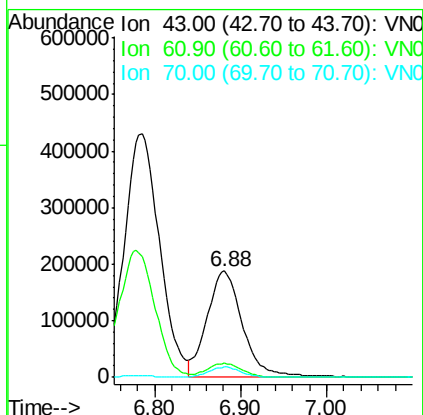
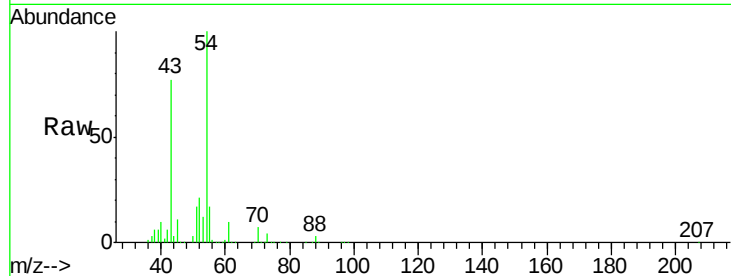




#37
Ethyl Acetate
Concen: 106.569 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

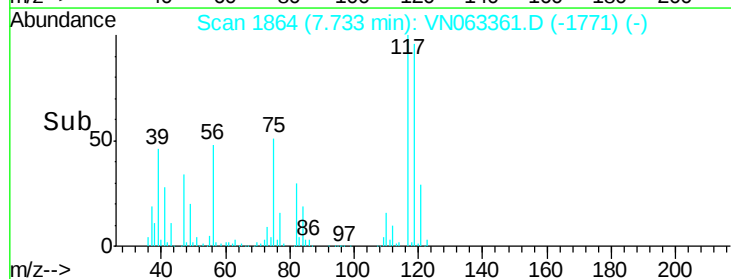
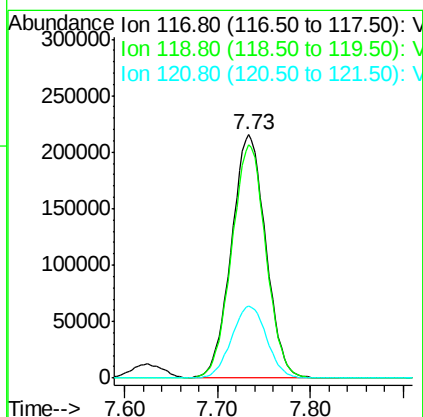
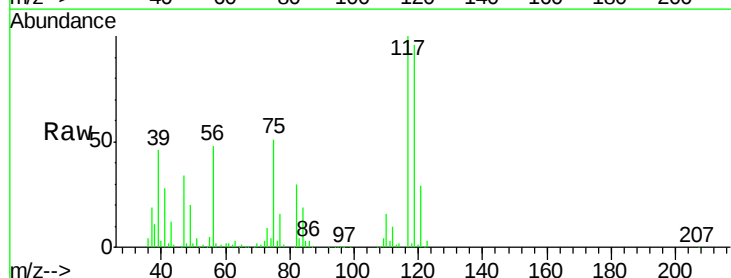
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

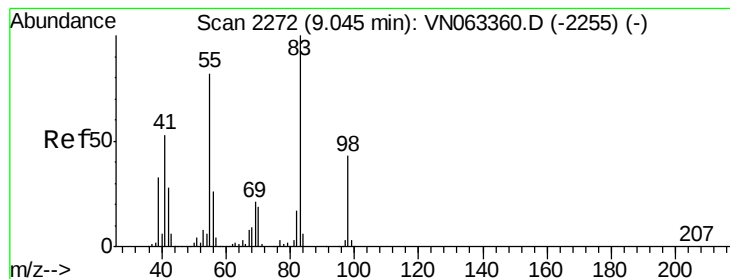
Tgt Ion: 43 Resp: 531560
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 109.967 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 117 Resp: 550023
Ion Ratio Lower Upper
117 100
119 95.8 74.5 111.7
121 29.5 24.1 36.1





#39

Methylcyclohexane

Concen: 105.105 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

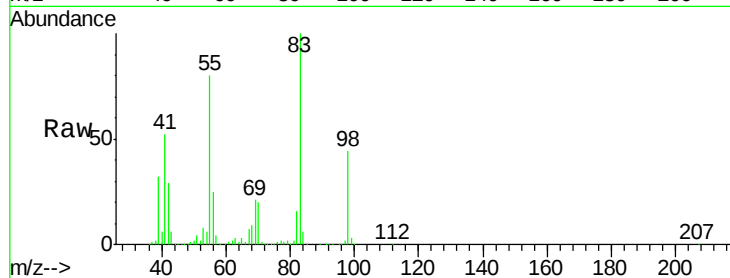
Tgt Ion: 83 Resp: 578748

Ion Ratio Lower Upper

83 100

55 80.3 65.5 98.3

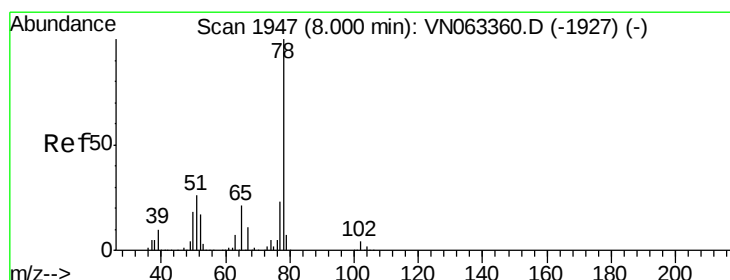
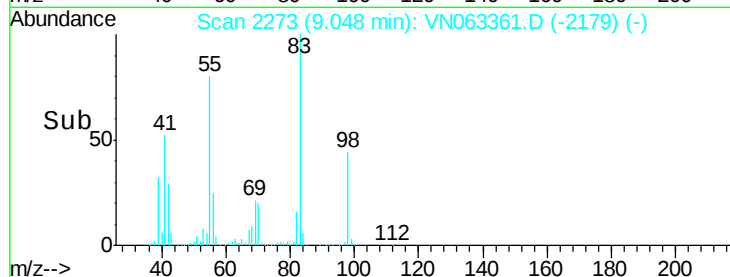
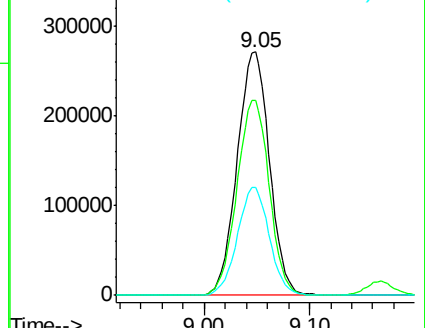
98 44.5 34.2 51.4



Abundance Ion 83.00 (82.70 to 83.70): VN063361.D (-2179) (-)

Ion 55.00 (54.70 to 55.70): VN063361.D (-2179) (-)

Ion 98.00 (97.70 to 98.70): VN063361.D (-2179) (-)



#40

Benzene

Concen: 104.452 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063361.D

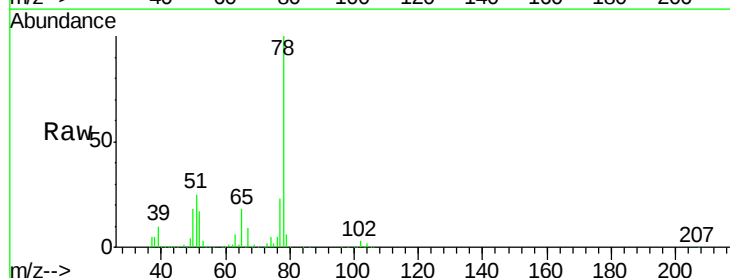
Acq: 16 Sep 2020 12:19

Tgt Ion: 78 Resp: 1504591

Ion Ratio Lower Upper

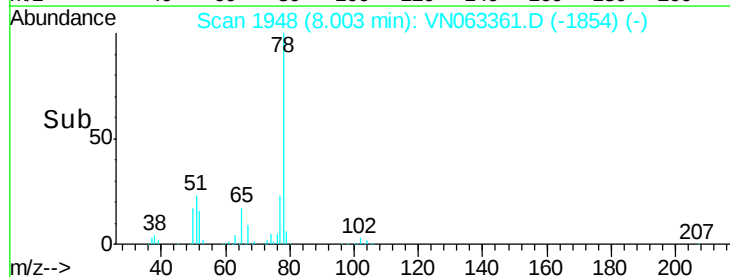
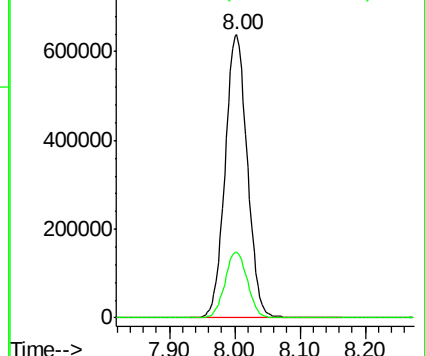
78 100

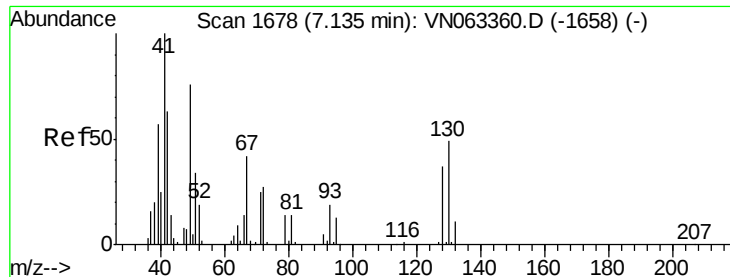
77 23.4 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN063361.D (-1854) (-)

Ion 77.00 (76.70 to 77.70): VN063361.D (-1854) (-)

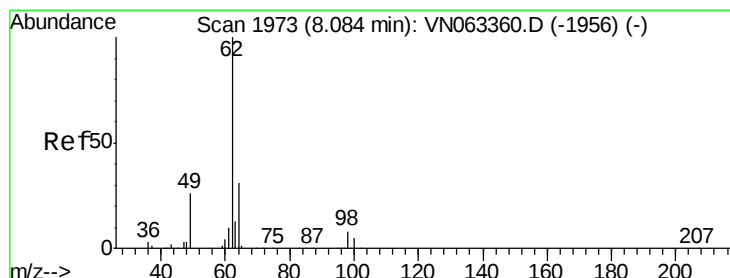
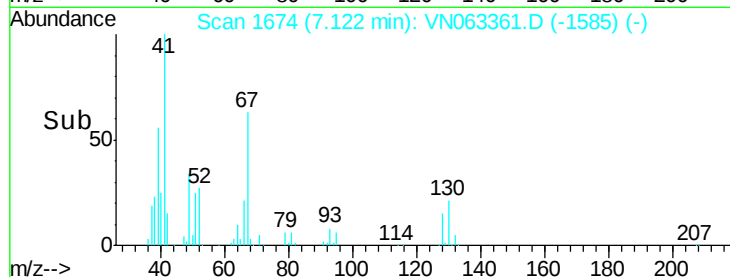
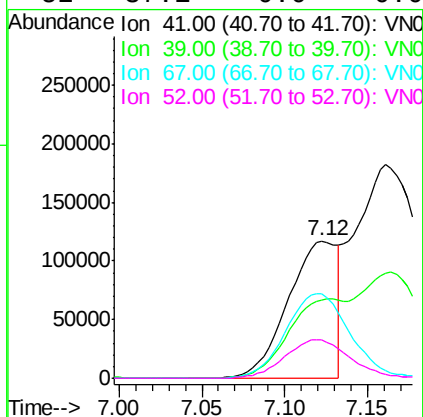
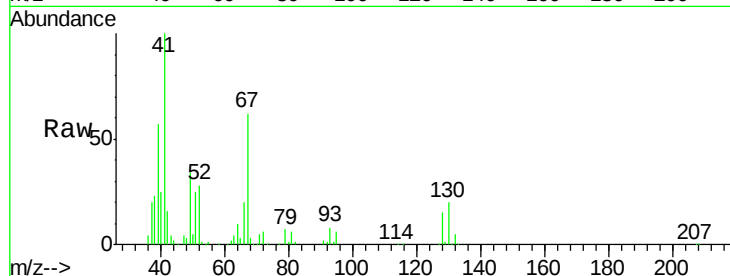




#41
Methacrylonitrile
Concen: 106.404 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

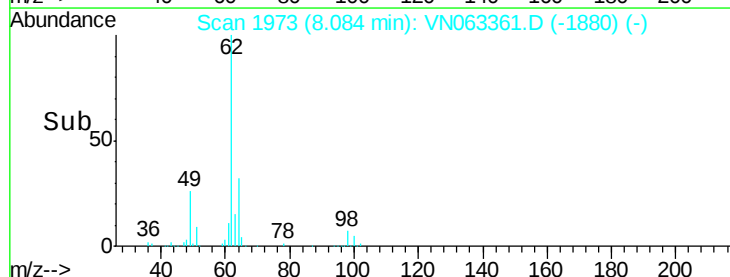
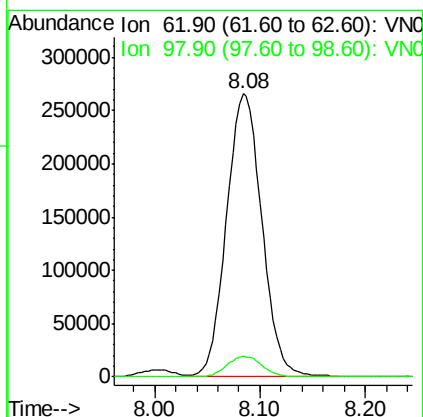
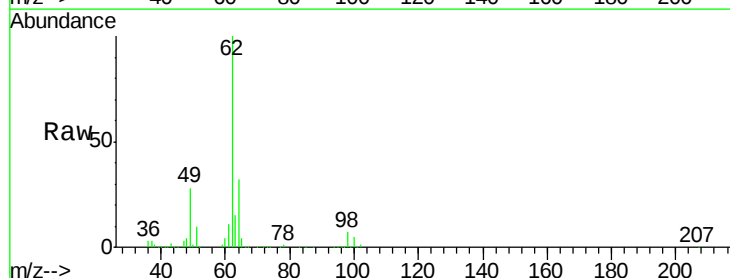
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

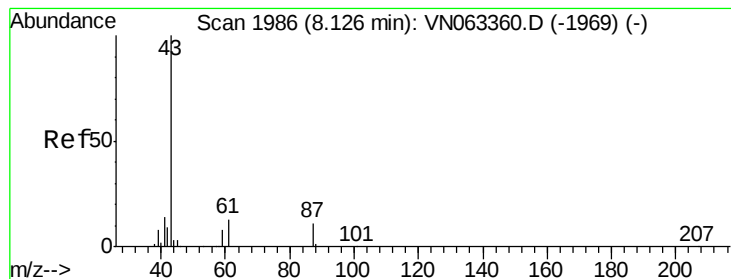
Tgt Ion:	41	Resp:	241522
Ion	Ratio	Lower	Upper
41	100		
39	63.0	0.0	0.0#
67	81.2	0.0	0.0#
52	37.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 111.455 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion:	62	Resp:	615243
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 110.558 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

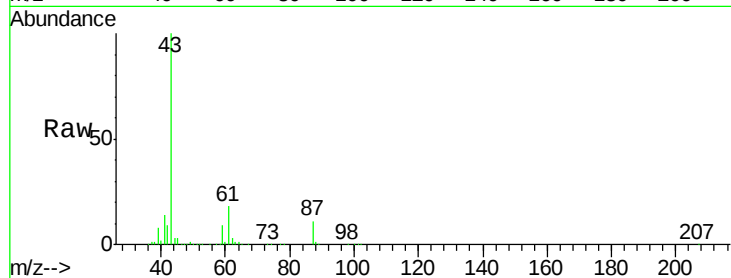
Tgt Ion: 43 Resp: 935279

Ion Ratio Lower Upper

43 100

61 18.6 14.2 21.2

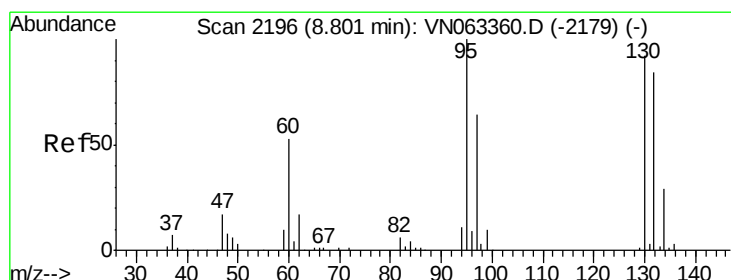
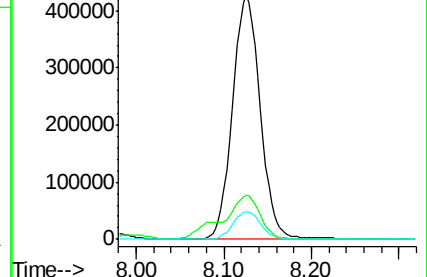
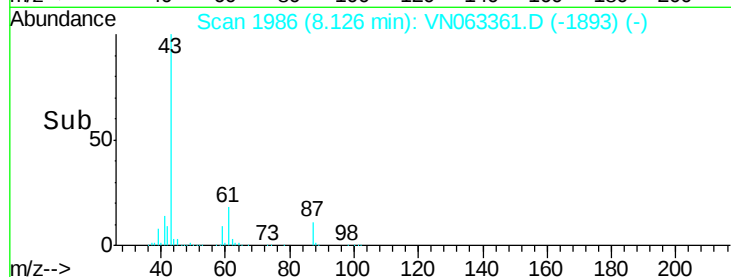
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063361.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063361.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063361.D (-1893) (-)



#44

Trichloroethene

Concen: 98.353 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063361.D

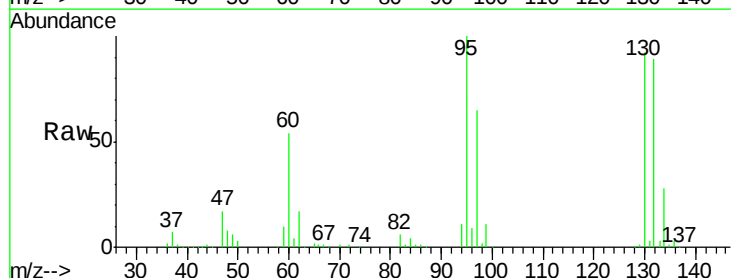
Acq: 16 Sep 2020 12:19

Tgt Ion: 130 Resp: 364959

Ion Ratio Lower Upper

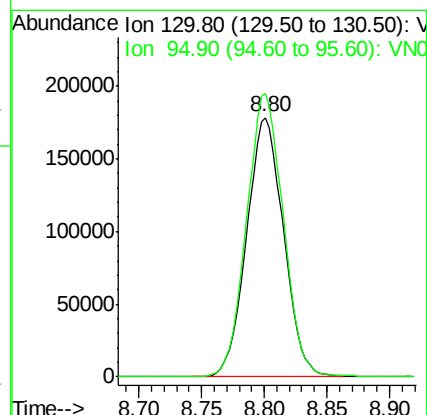
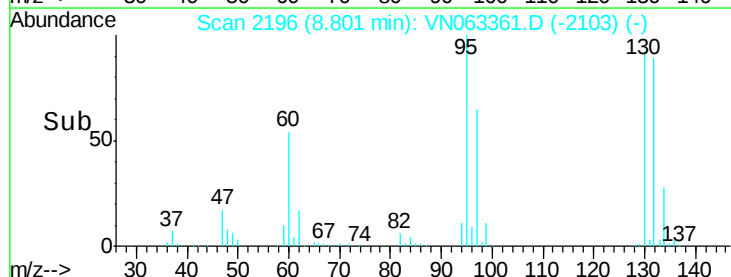
130 100

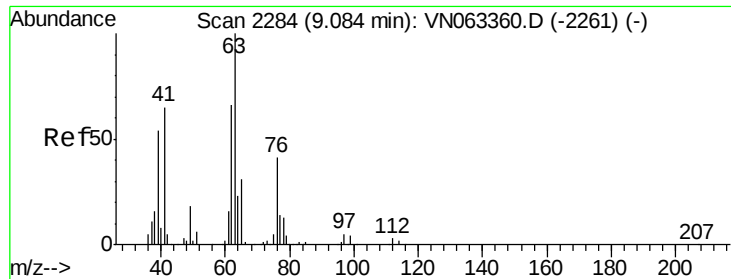
95 109.2 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063361.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063361.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 103.926 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

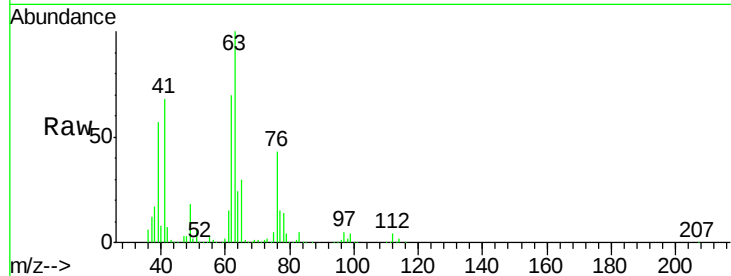
VSTDIC100

Tgt Ion: 63 Resp: 411032

Ion Ratio Lower Upper

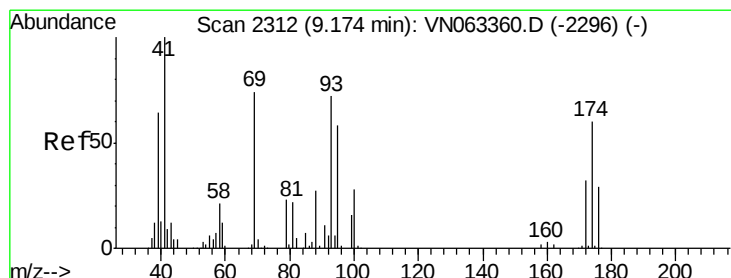
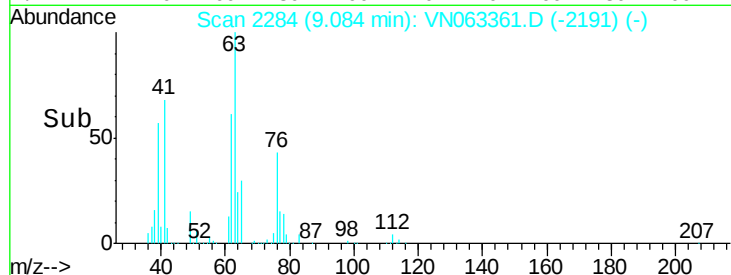
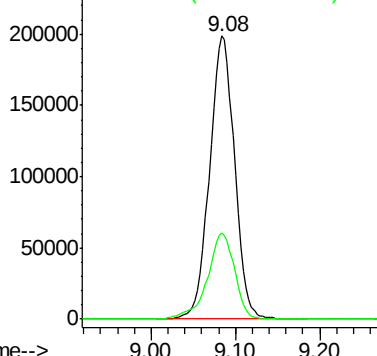
63 100

65 30.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 106.333 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

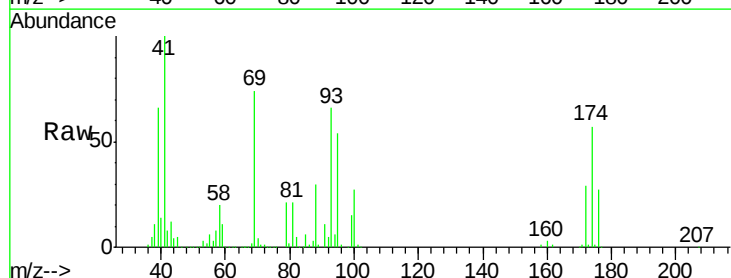
Tgt Ion: 93 Resp: 274126

Ion Ratio Lower Upper

93 100

95 81.9 65.6 98.4

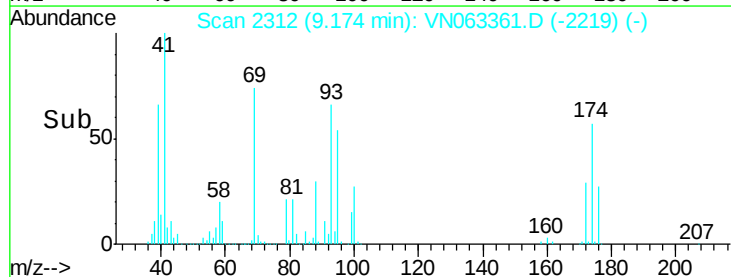
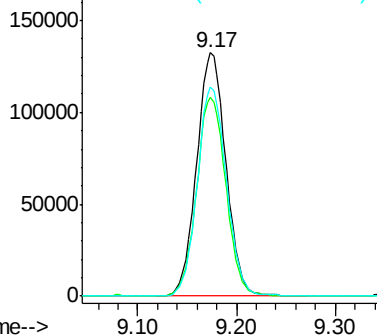
174 85.7 68.1 102.1

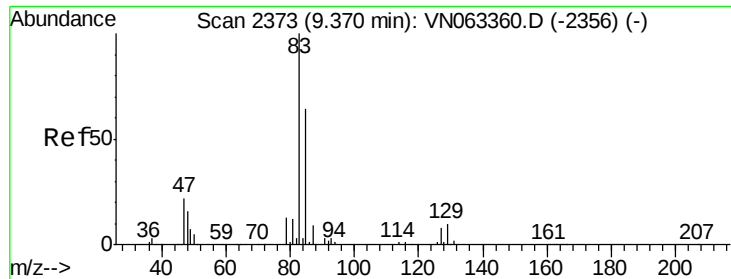


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 108.228 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

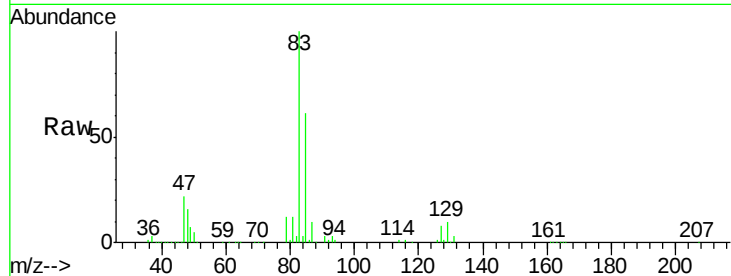
Tgt Ion: 83 Resp: 579385

Ion Ratio Lower Upper

83 100

85 61.3 51.0 76.6

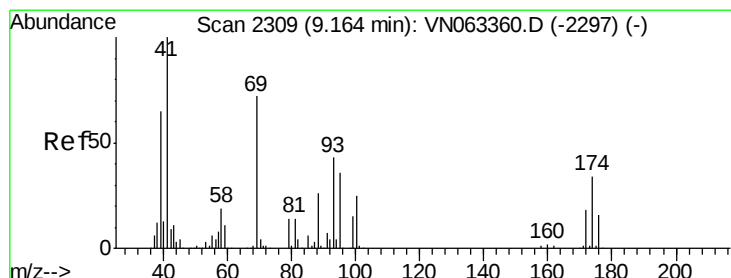
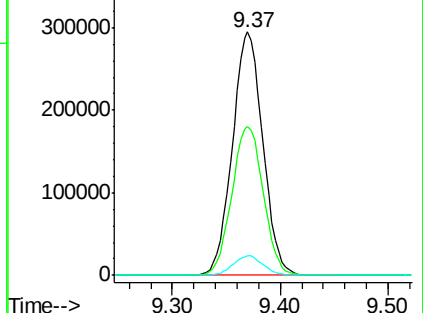
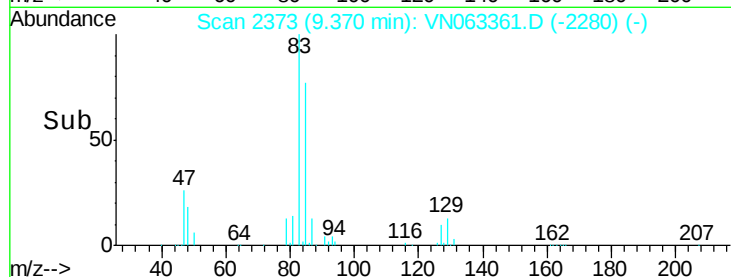
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063361.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063361.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063361.D (-2280) (-)



#48

Methyl methacrylate

Concen: 111.489 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

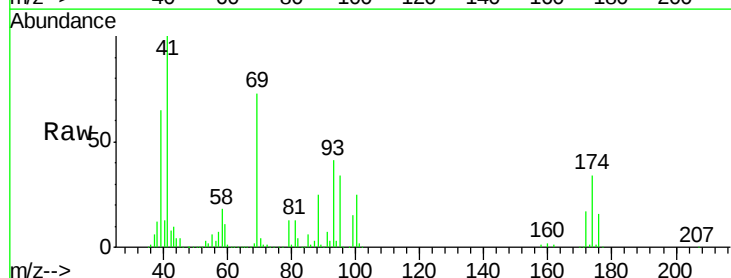
Tgt Ion: 41 Resp: 453208

Ion Ratio Lower Upper

41 100

69 75.8 59.3 88.9

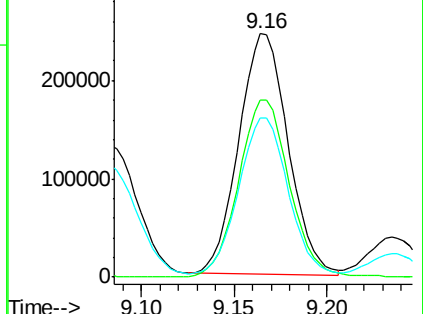
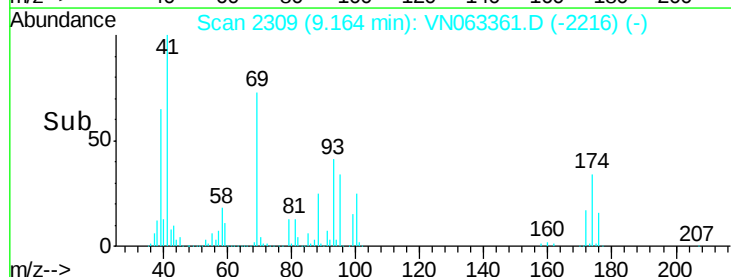
39 67.4 52.9 79.3

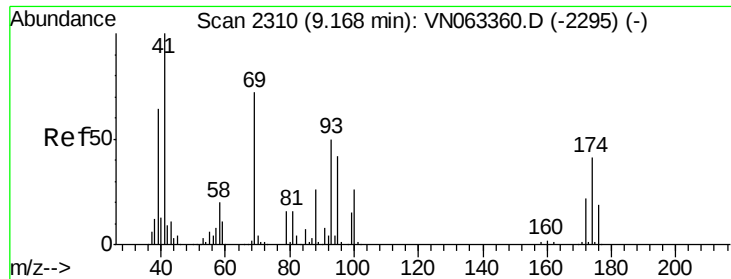


Abundance Ion 41.00 (40.70 to 41.70): VN063361.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063361.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063361.D (-2216) (-)





#49

1,4-Dioxane

Concen: 2076.653 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

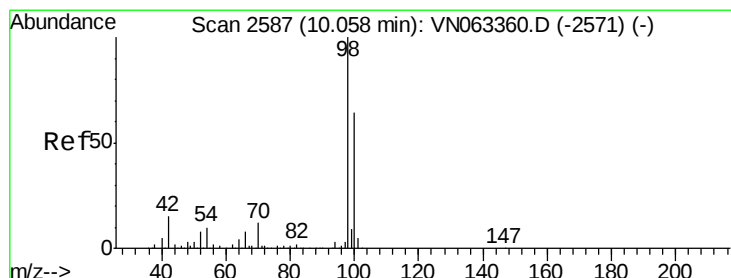
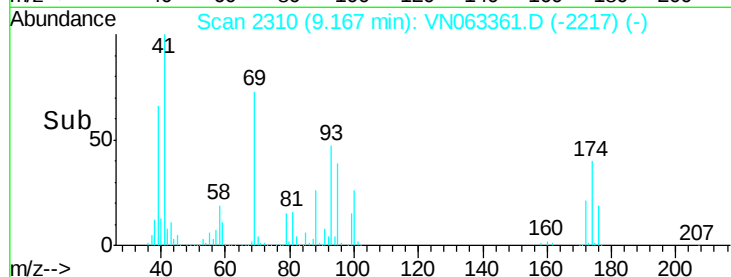
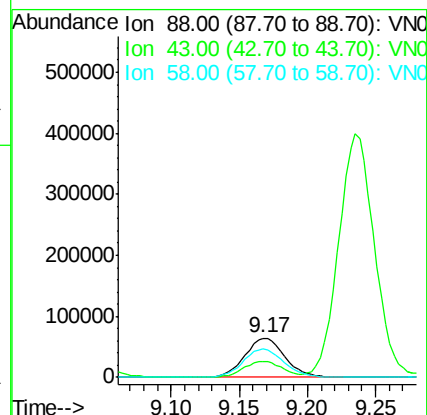
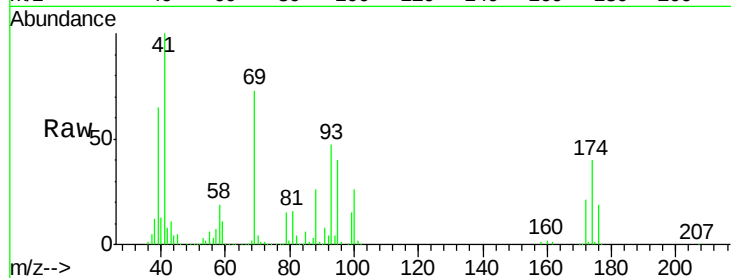
Tgt Ion: 88 Resp: 130057

Ion Ratio Lower Upper

88 100

43 39.5 32.6 49.0

58 74.0 60.0 90.0



#50

Toluene-d8

Concen: 107.162 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063361.D

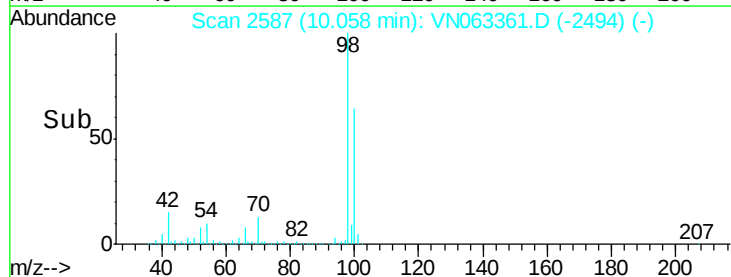
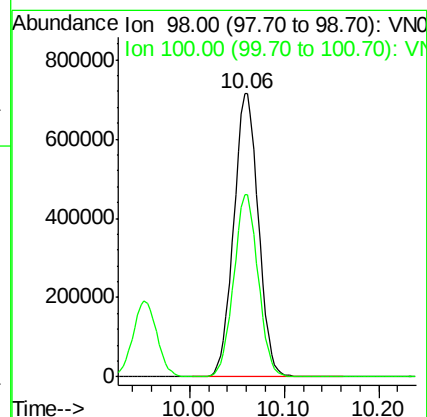
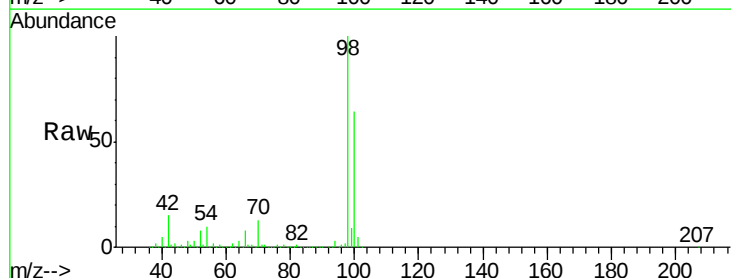
Acq: 16 Sep 2020 12:19

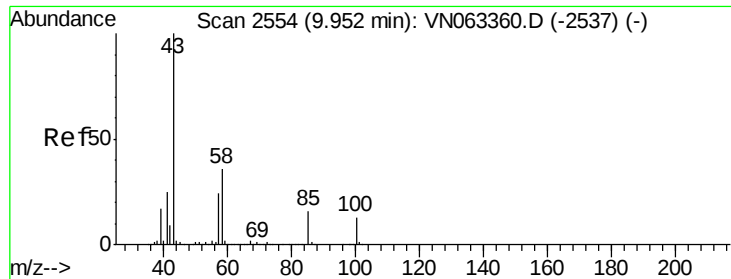
Tgt Ion: 98 Resp: 1296257

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 565.476 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

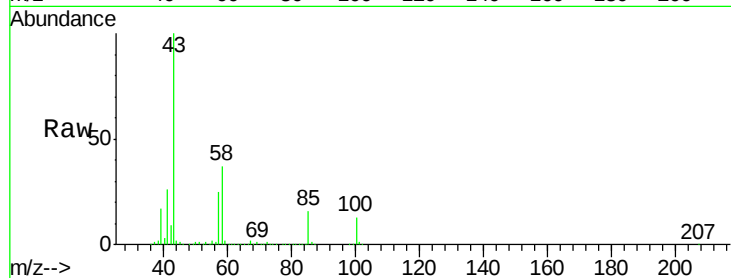
VSTDIC100

Tgt Ion: 43 Resp: 2633215

Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063361.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN063361.D (-2461) (-)

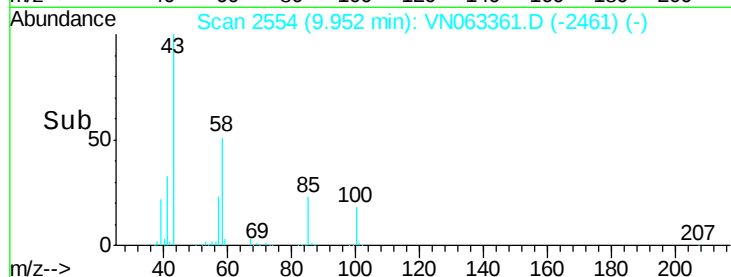
1500000

1000000

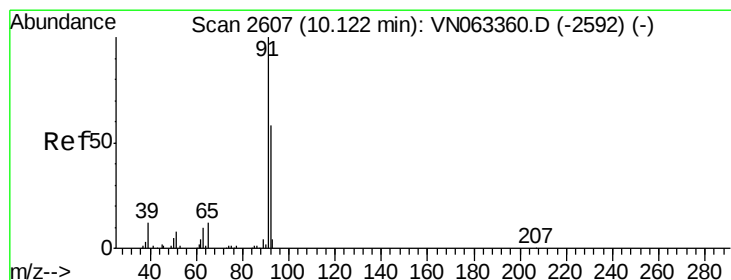
500000

0

9.90 9.95 10.00



Time-->



#52

Toluene

Concen: 105.724 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063361.D

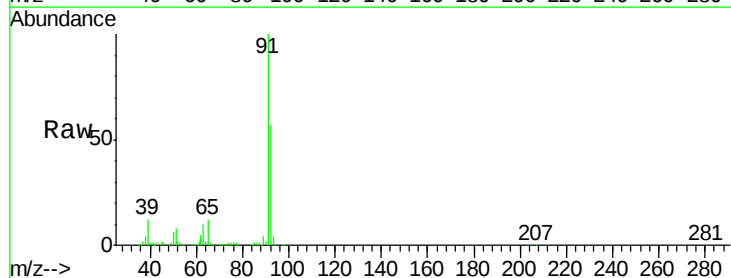
Acq: 16 Sep 2020 12:19

Tgt Ion: 92 Resp: 932170

Ion Ratio Lower Upper

92 100

91 176.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063361.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN063361.D (-2514) (-)

1000000

800000

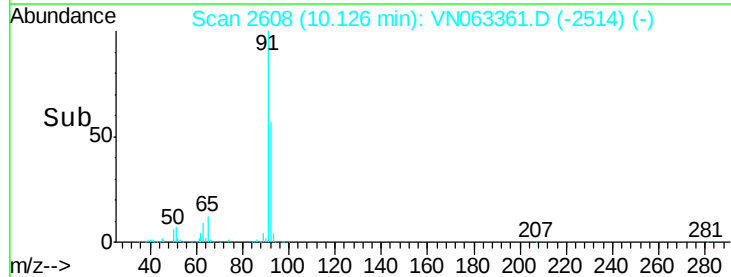
600000

400000

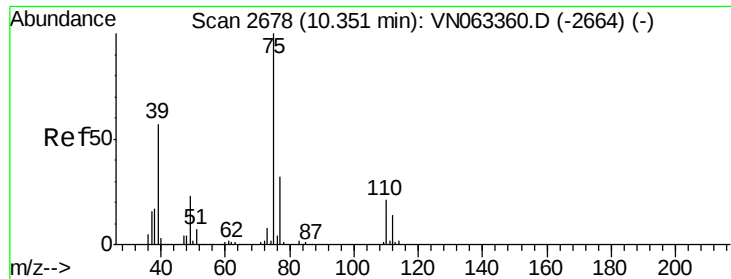
200000

0

10.10 10.13 10.20



Time-->



#53

t-1,3-Dichloropropene

Concen: 112.137 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

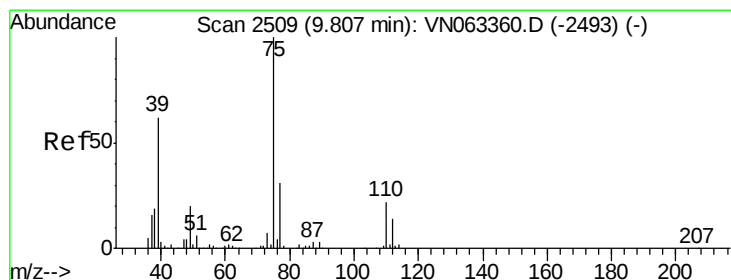
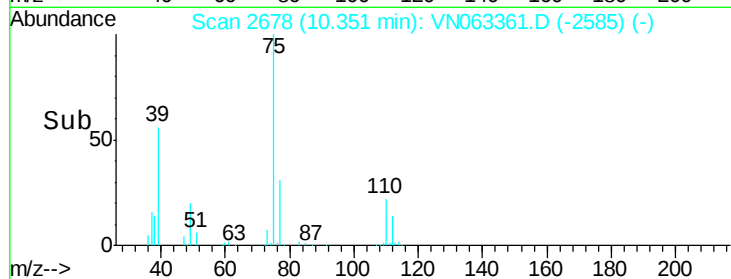
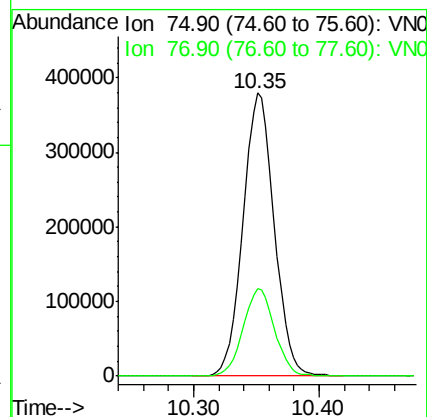
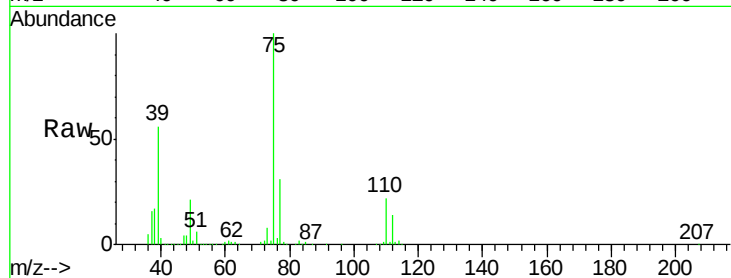
VSTDIC100

Tgt Ion: 75 Resp: 655593

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 109.199 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

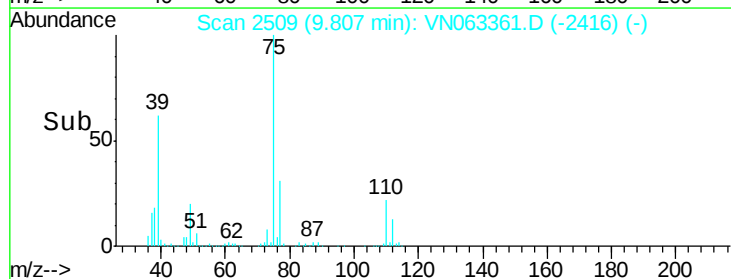
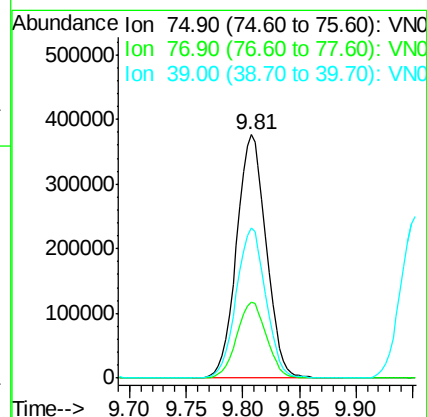
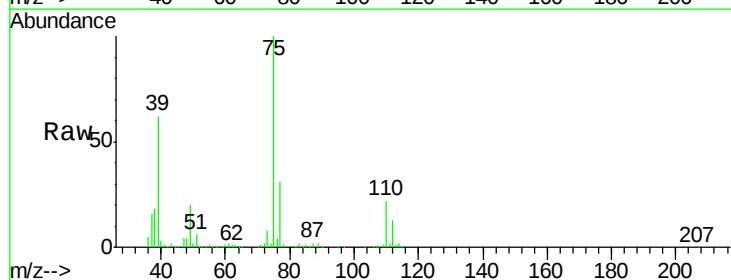
Tgt Ion: 75 Resp: 686649

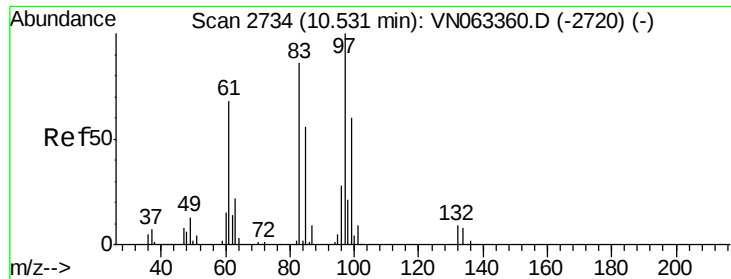
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 61.6 49.8 74.8

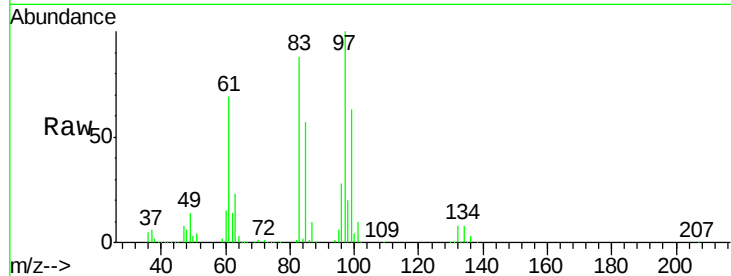




#55
 1,1,2-Trichloroethane
 Concen: 105.001 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	362584
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.9	103.3
85	57.2	44.8	67.2
99	62.8	47.8	71.8

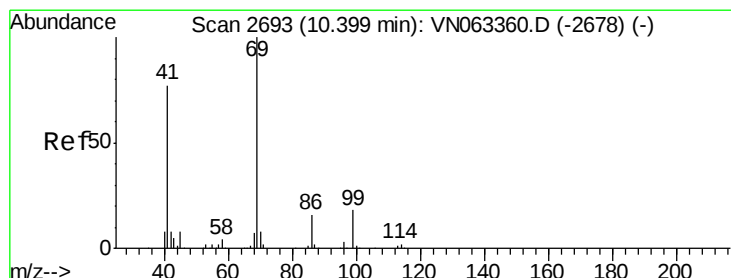
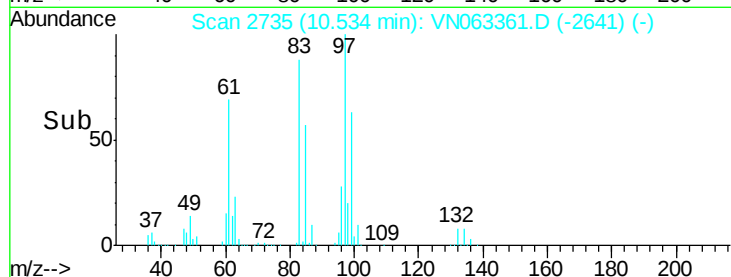
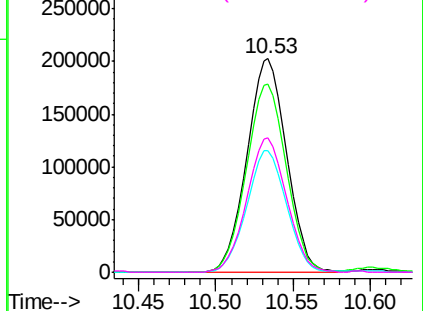


Abundance Ion 96.90 (96.60 to 97.60): VN063361.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063361.D (-2641) (-)

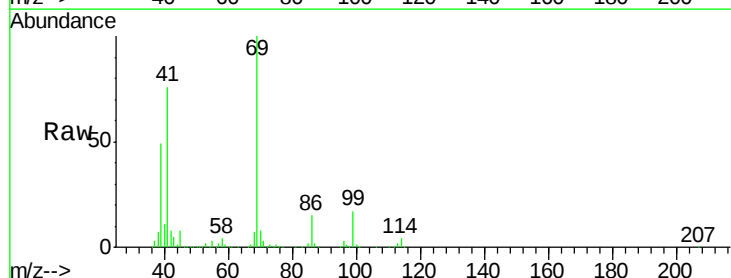
Ion 84.90 (84.60 to 85.60): VN063361.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063361.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 112.584 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

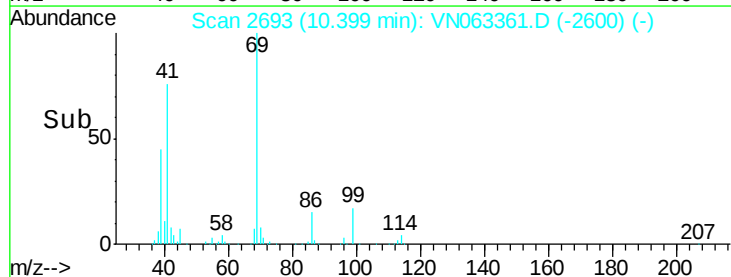
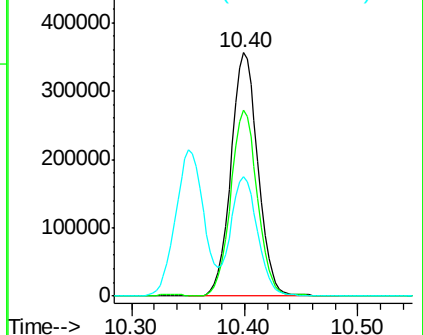
Tgt Ion:	69	Resp:	590620
Ion	Ratio	Lower	Upper
69	100		
41	75.3	61.0	91.6
39	48.9	39.2	58.8



Abundance Ion 69.00 (68.70 to 69.70): VN063361.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063361.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063361.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 107.495 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

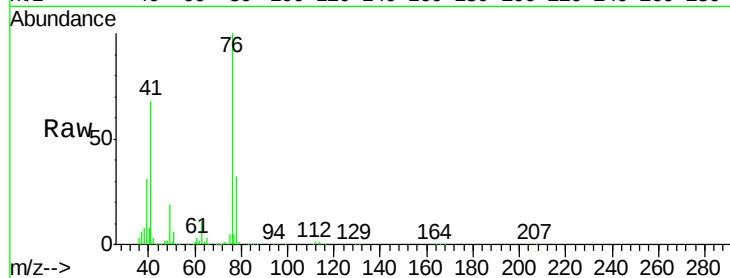
VSTDIC100

Tgt Ion: 76 Resp: 648935

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN063361.D (-2686) (-)

Ion 77.90 (77.60 to 78.60): VN063361.D (-2686) (-)

10.68

400000

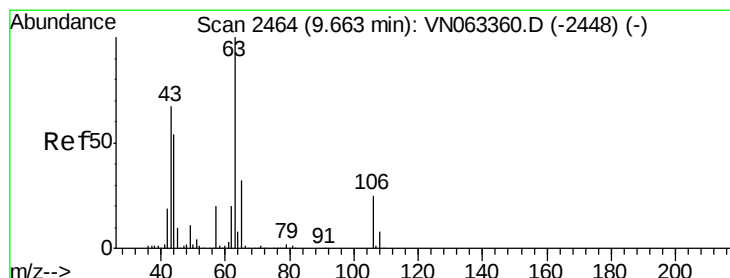
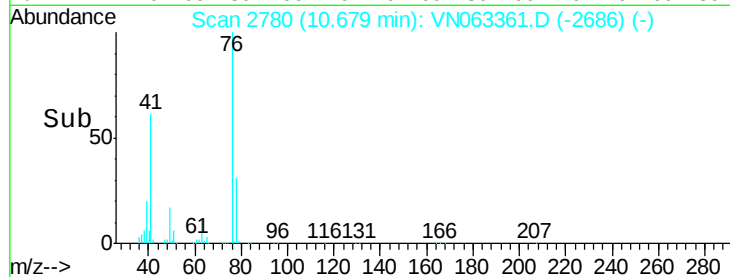
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 561.451 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063361.D

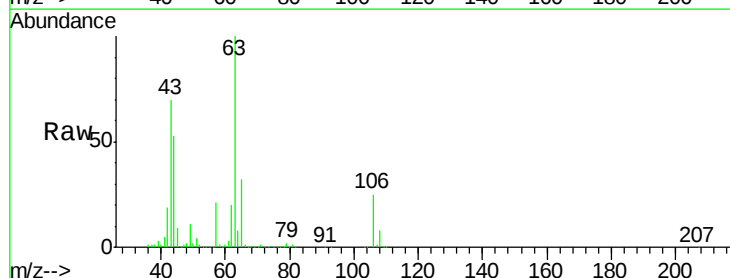
Acq: 16 Sep 2020 12:19

Tgt Ion: 63 Resp: 1583965

Ion Ratio Lower Upper

63 100

106 24.7 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN063361.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN063361.D (-2371) (-)

9.66

1000000

800000

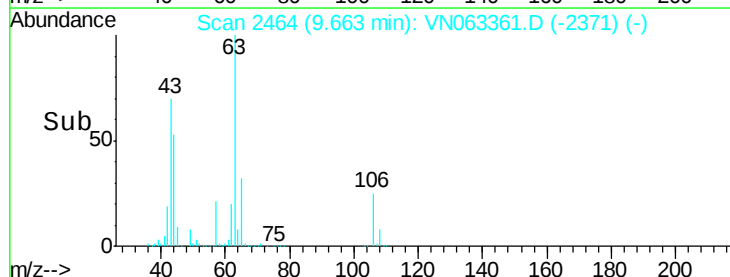
600000

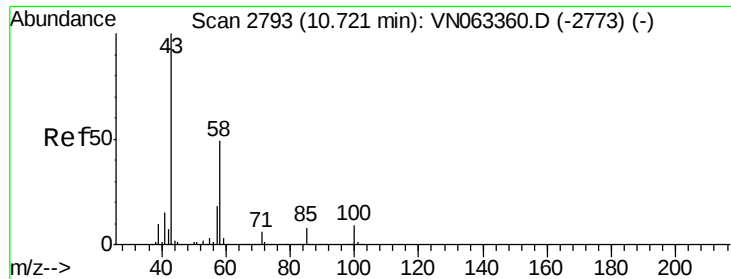
400000

200000

0

Time-->

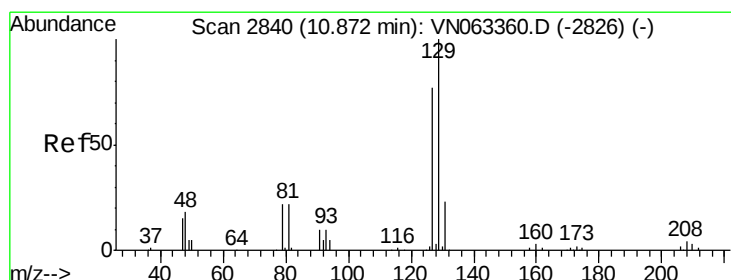
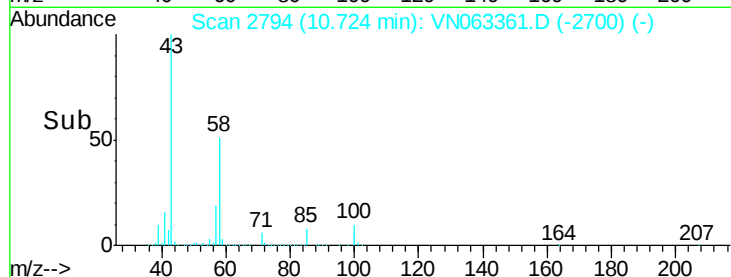
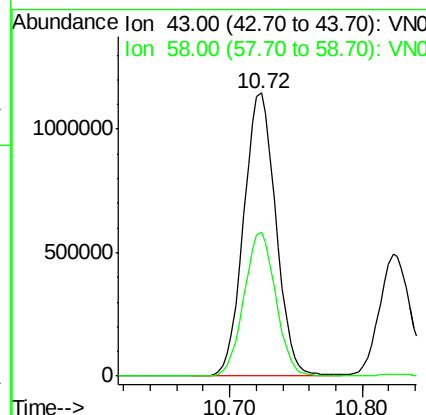
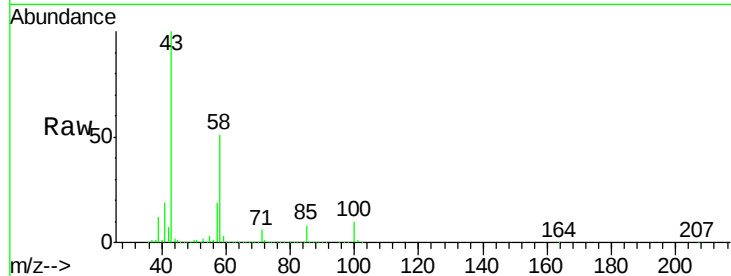




#59
2-Hexanone
Concen: 563.347 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

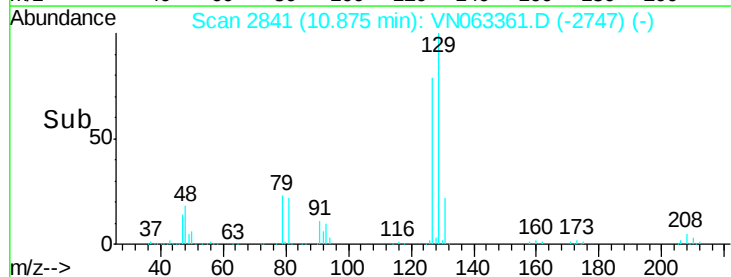
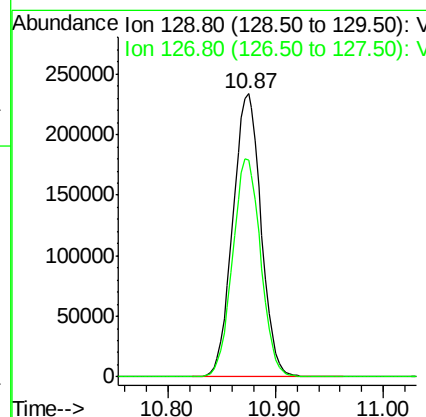
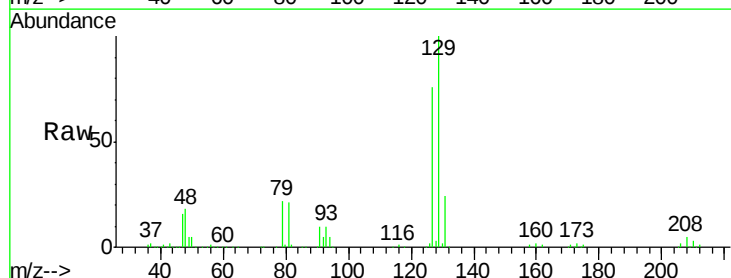
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

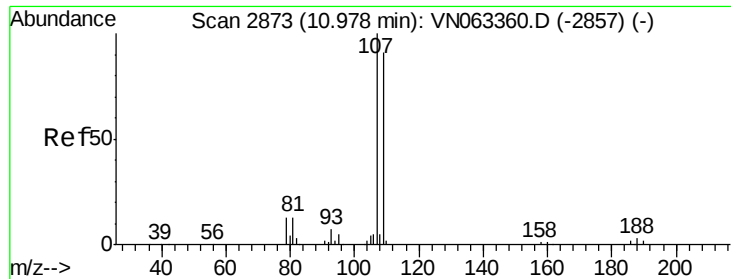
Tgt Ion: 43 Resp: 1933394
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1



#60
Dibromochloromethane
Concen: 112.253 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 129 Resp: 426176
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

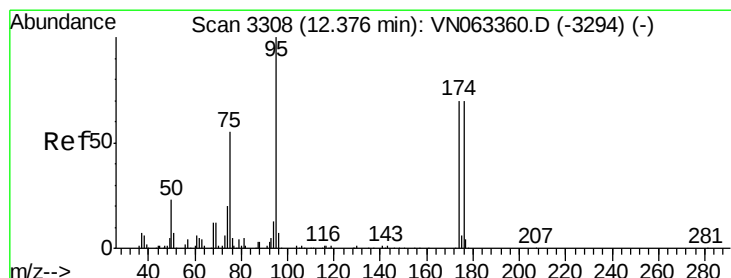
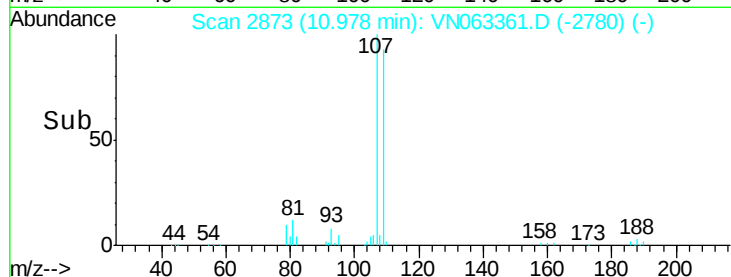
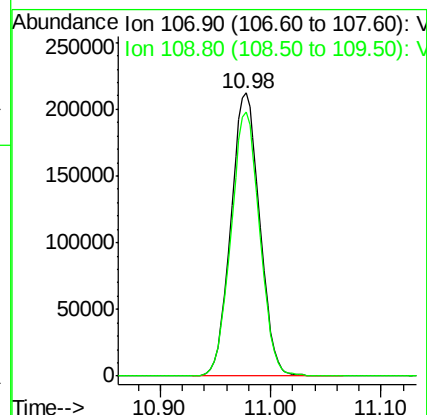
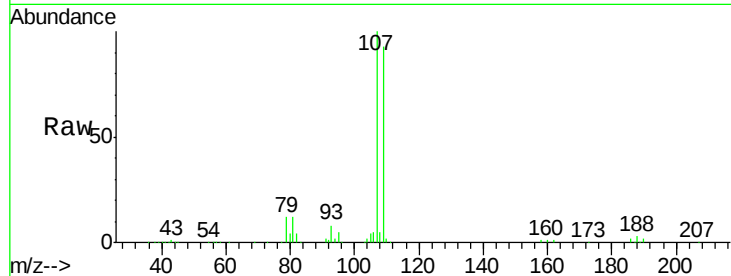




#61
 1,2-Dibromoethane
 Concen: 106.508 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

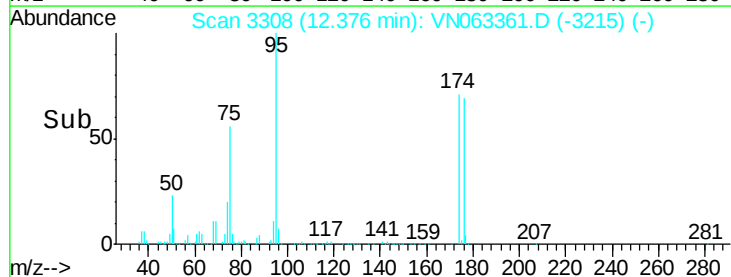
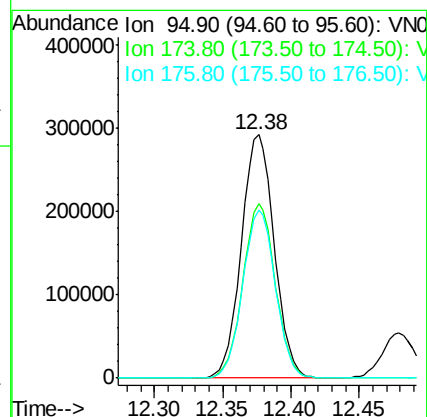
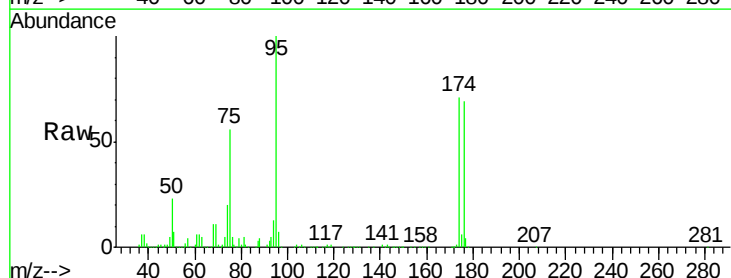
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

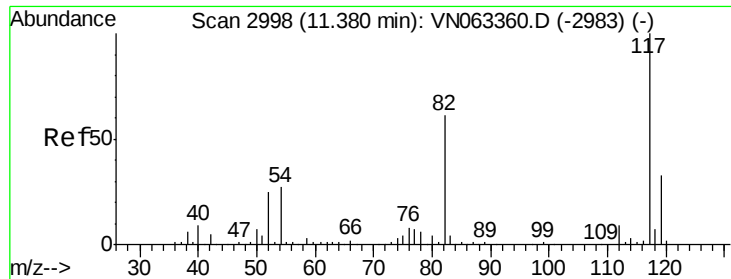
Tgt Ion: 107 Resp: 383813
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 109.486 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion: 95 Resp: 489426
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 140.8
 176 68.4 0.0 137.6

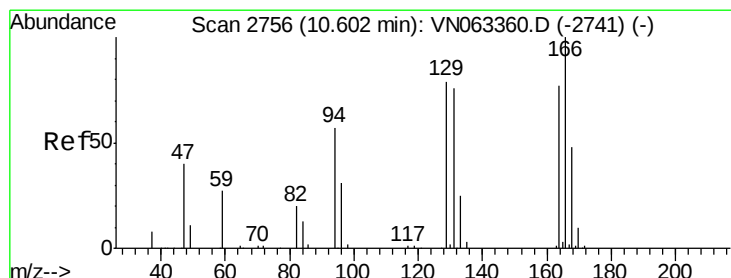
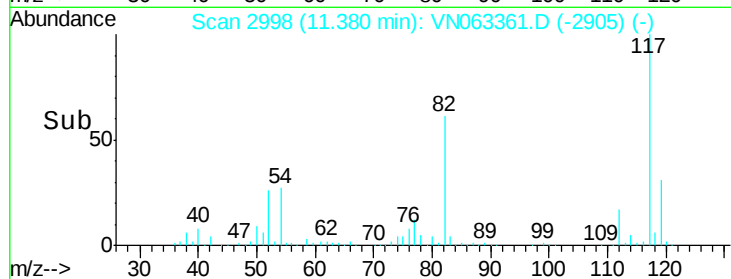
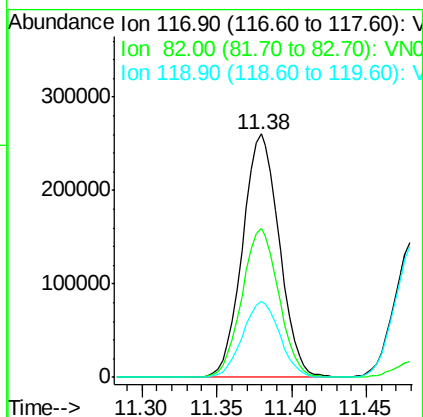
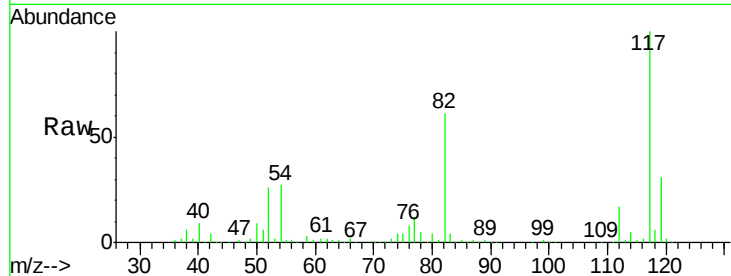




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

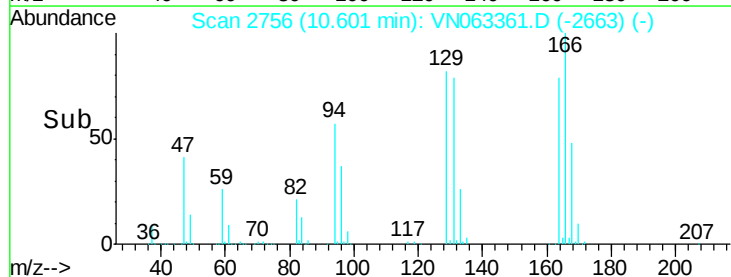
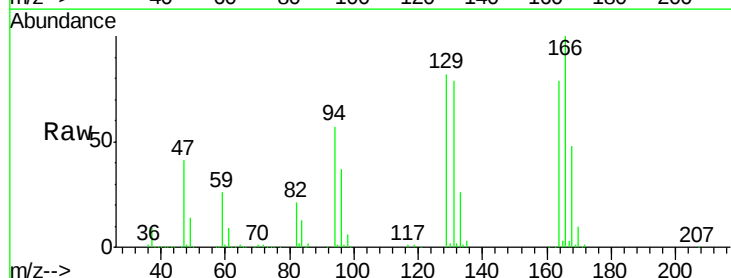
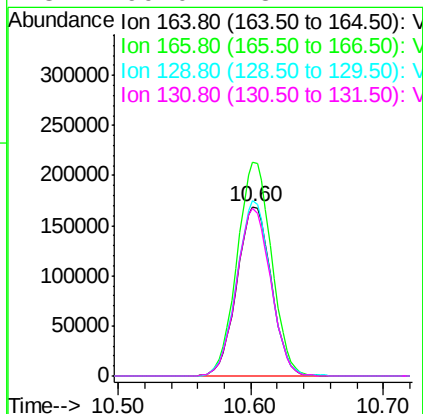
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

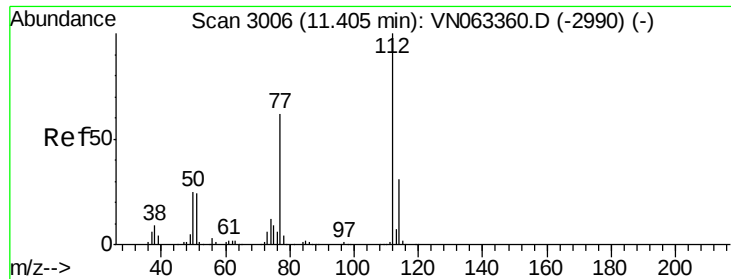
Tgt Ion:117 Resp: 445412
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.1 26.2 39.4



#64
Tetrachloroethene
Concen: 85.708 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion:164 Resp: 304186
Ion Ratio Lower Upper
164 100
166 126.0 103.4 155.0
129 103.1 81.8 122.6
131 99.0 78.2 117.4

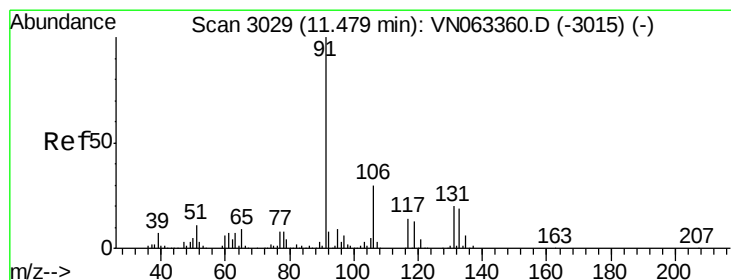
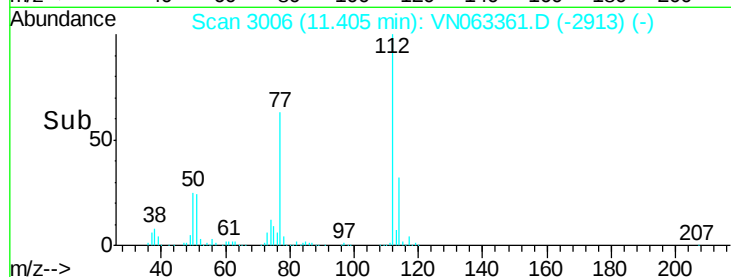
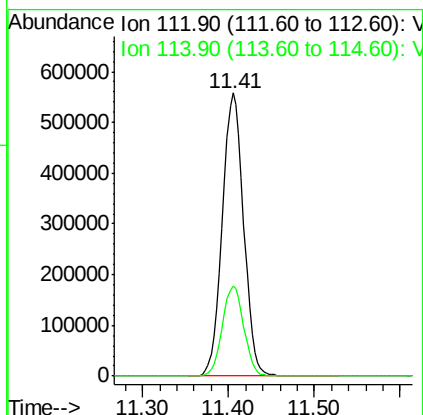
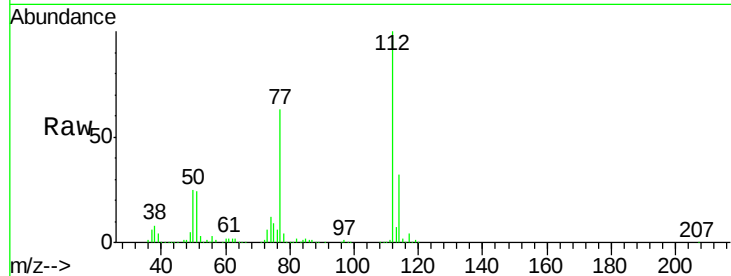




#65
Chlorobenzene
Concen: 100.022 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

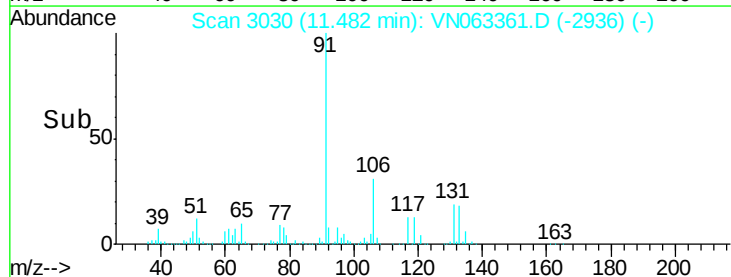
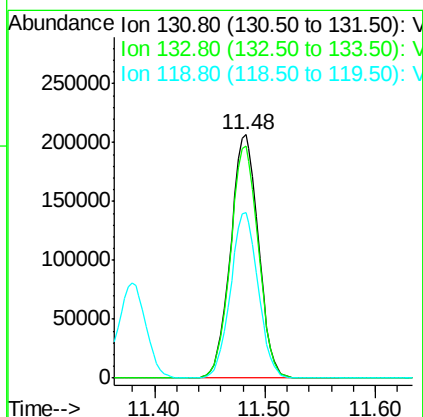
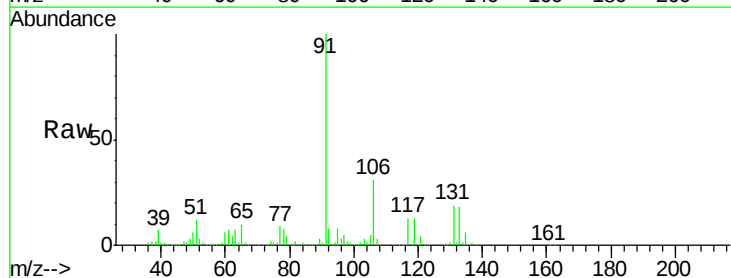
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

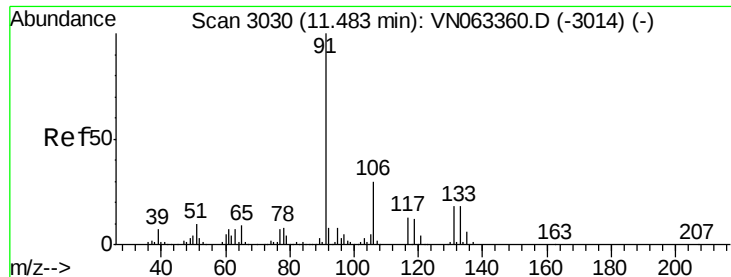
Tgt Ion:112 Resp: 961381
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 103.000 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion:131 Resp: 361343
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 67.4 33.6 100.8

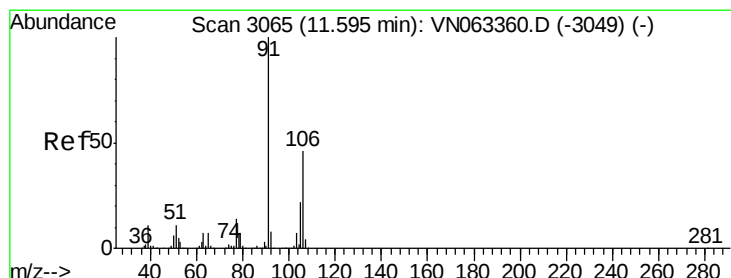
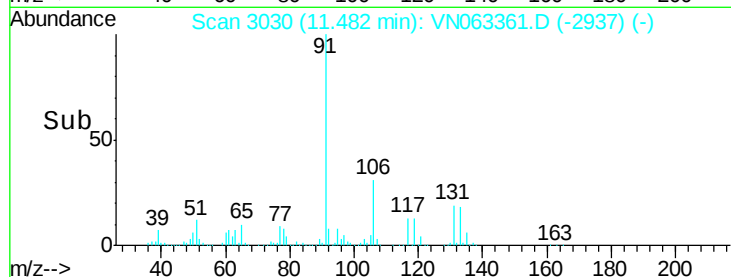
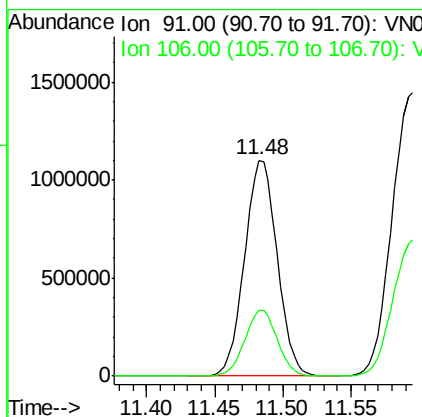
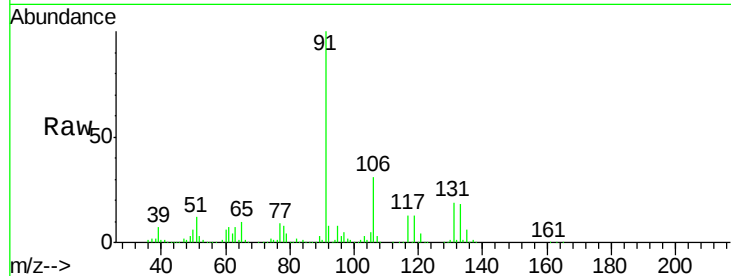




#67
Ethyl Benzene
Concen: 105.633 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

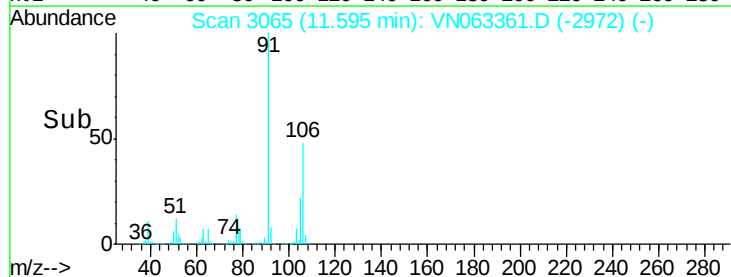
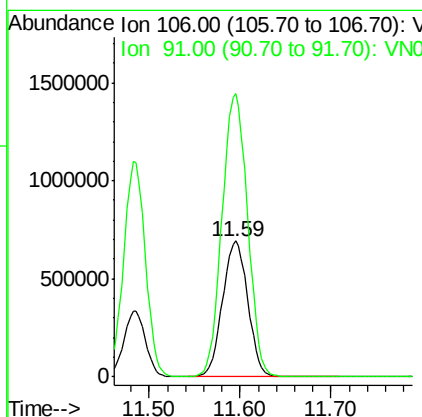
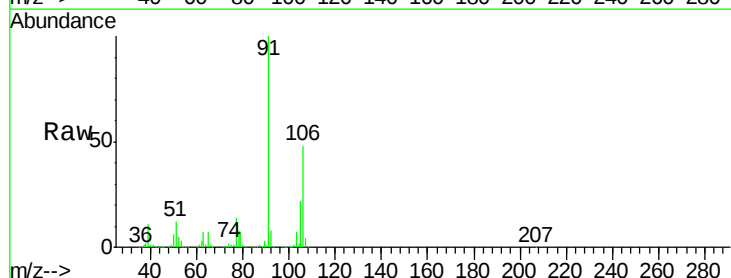
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

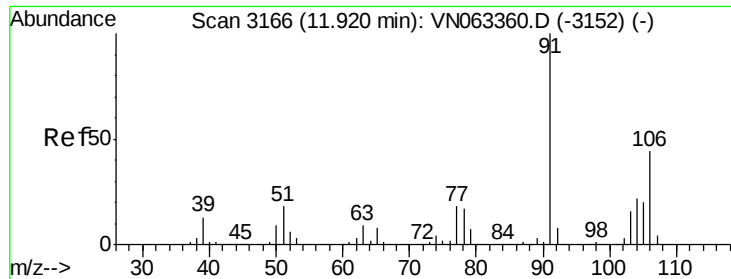
Tgt Ion: 91 Resp: 1828393
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 208.562 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion: 106 Resp: 1336745
Ion Ratio Lower Upper
106 100
91 211.0 171.2 256.8

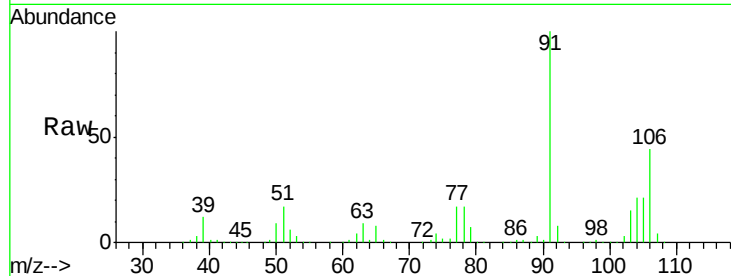




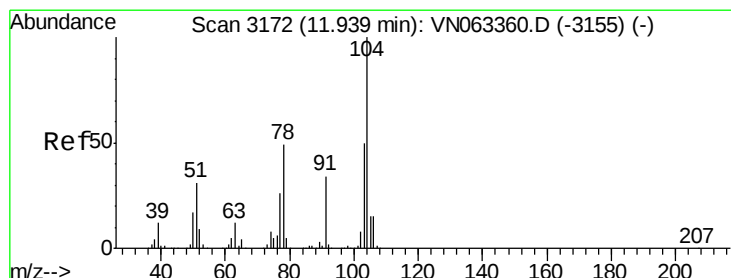
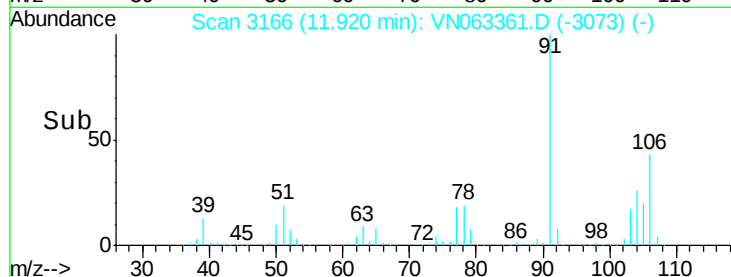
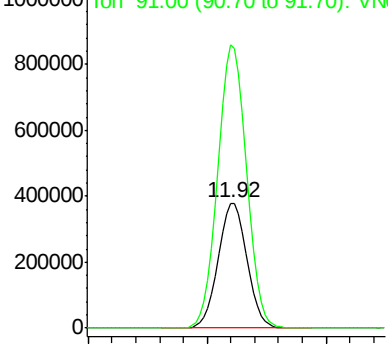
#69
o-Xylene
Concen: 103.736 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 636424
Ion Ratio Lower Upper
106 100
91 226.2 113.6 340.8

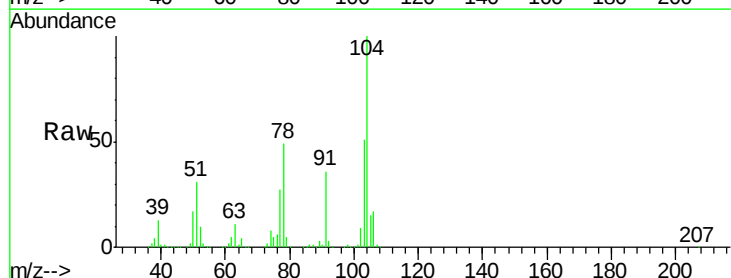


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

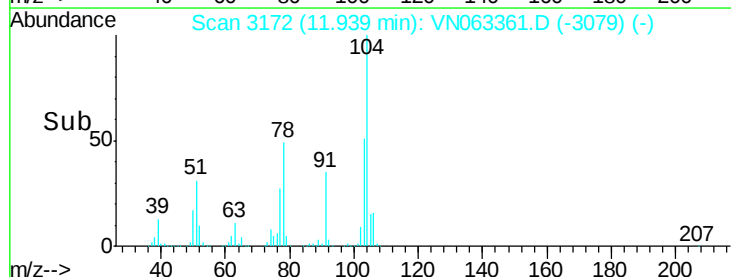
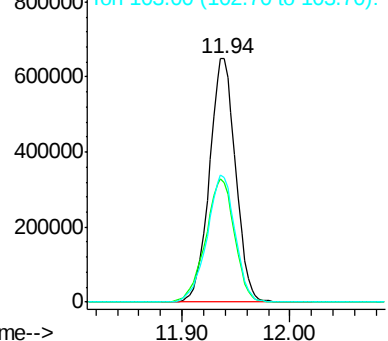


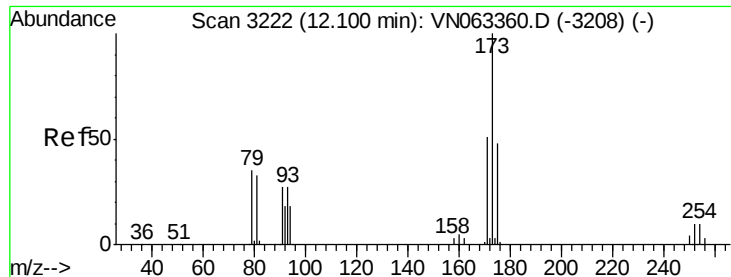
#70
Styrene
Concen: 107.189 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion:104 Resp: 1096775
Ion Ratio Lower Upper
104 100
78 55.9 44.4 66.6
103 56.0 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 114.886 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

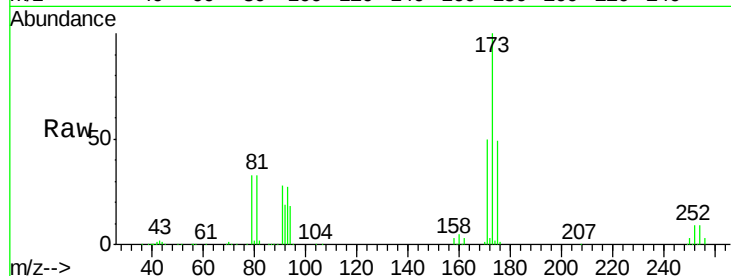
Tgt Ion:173 Resp: 282439

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

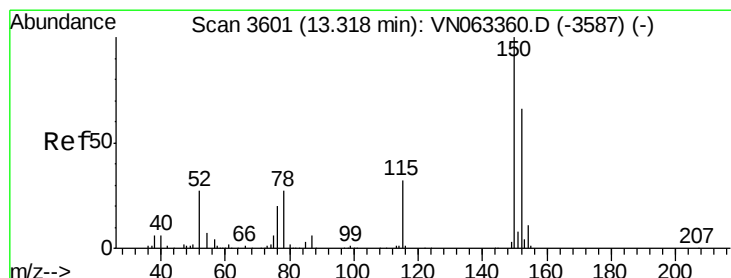
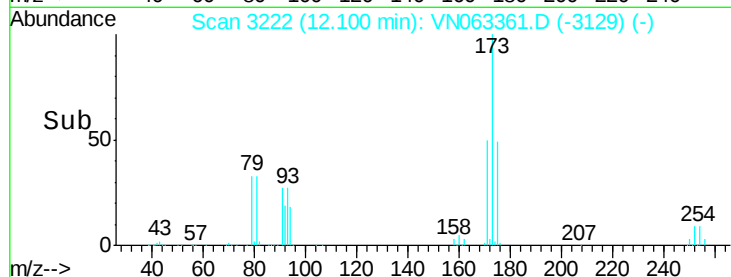
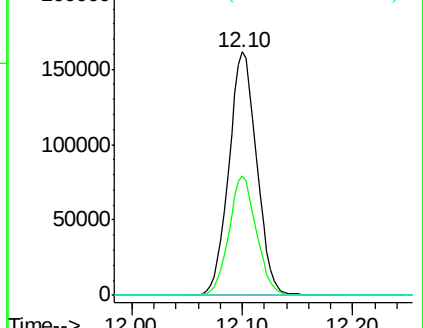
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

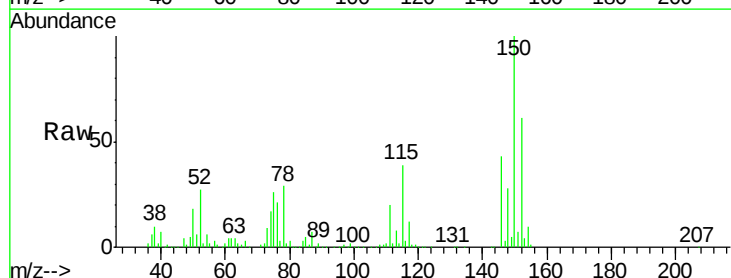
Tgt Ion:152 Resp: 209888

Ion Ratio Lower Upper

152 100

115 63.6 32.2 96.6

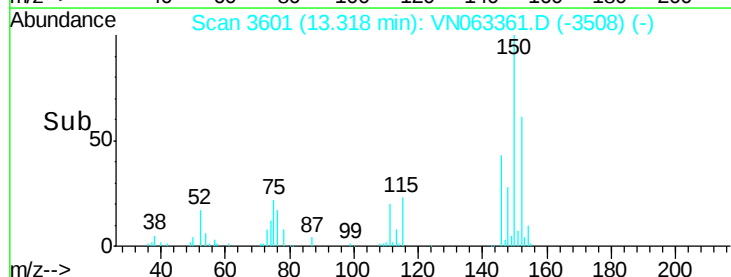
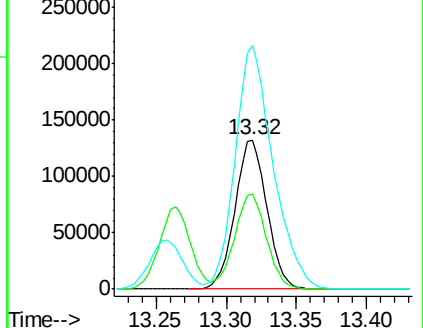
150 193.8 0.0 343.4

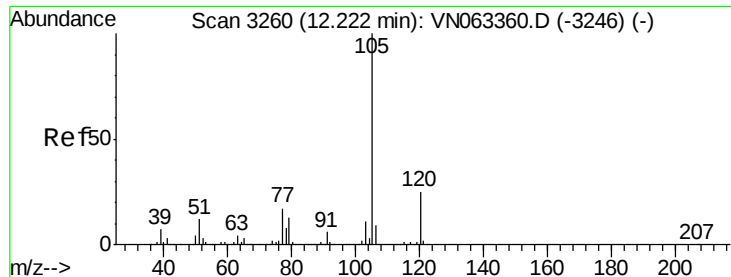


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 103.427 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

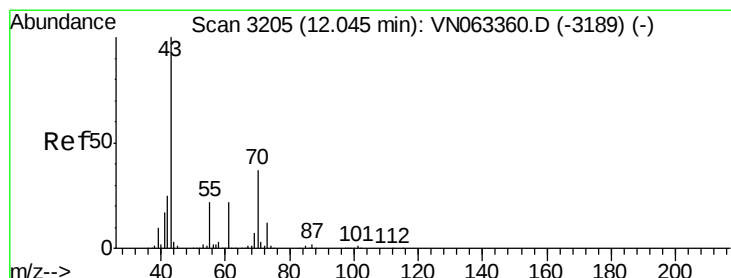
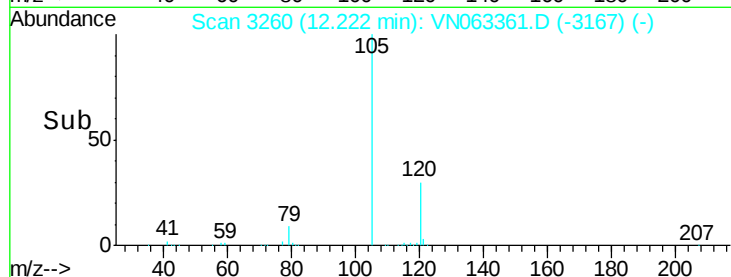
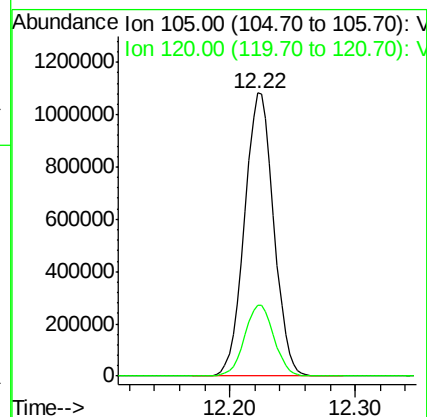
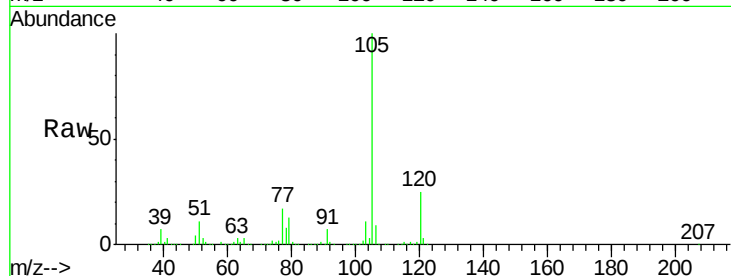
VSTDIC100

Tgt Ion: 105 Resp: 1750831

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.0



#74

N-ethyl acetate

Concen: 120.520 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Tgt Ion: 43 Resp: 846363

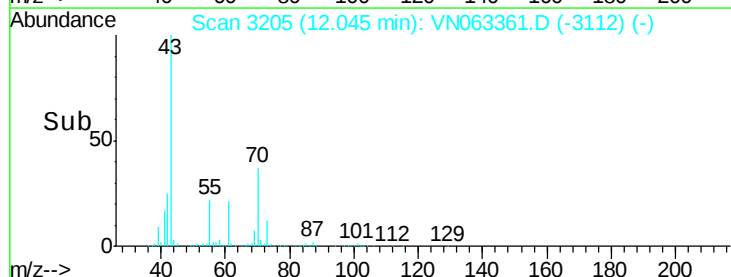
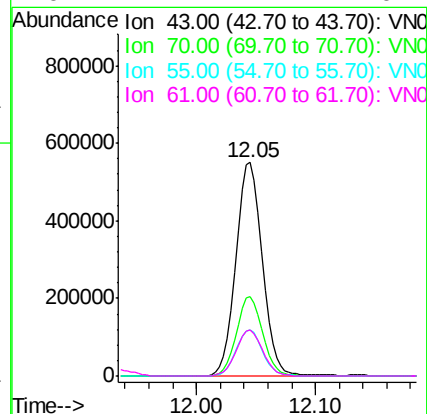
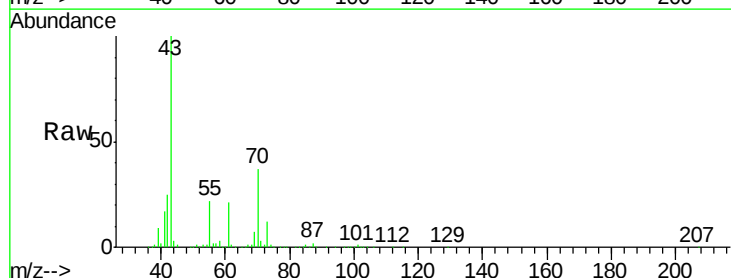
Ion Ratio Lower Upper

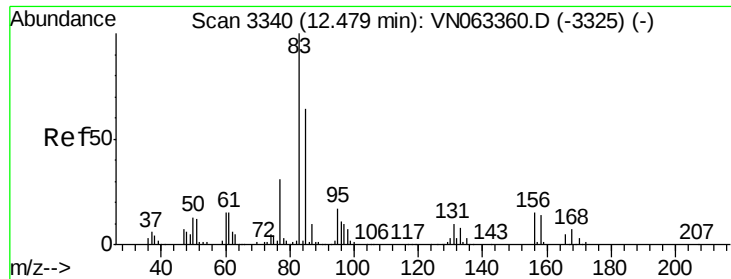
43 100

70 37.0 29.6 44.4

55 21.8 17.7 26.5

61 21.7 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 106.323 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

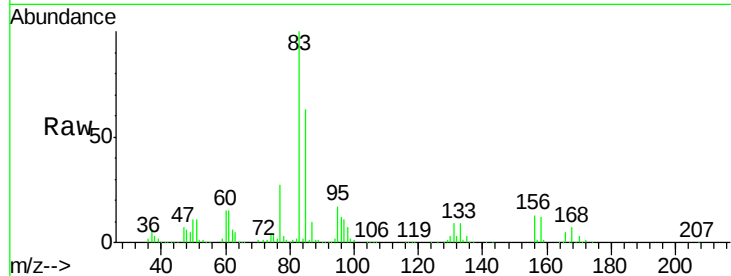
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

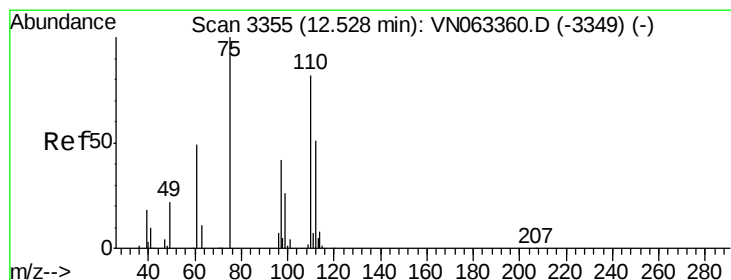
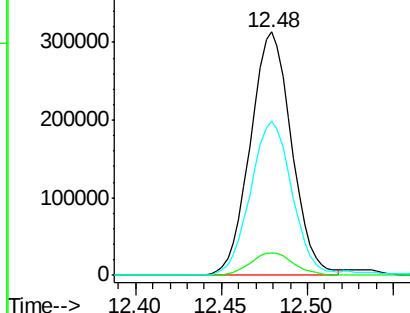
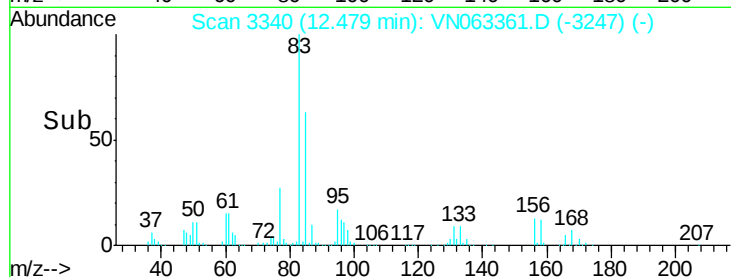
Tgt Ion:	83	Resp:	521335
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	65.3	32.0	96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063361.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063361.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063361.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 156.112 ug/l

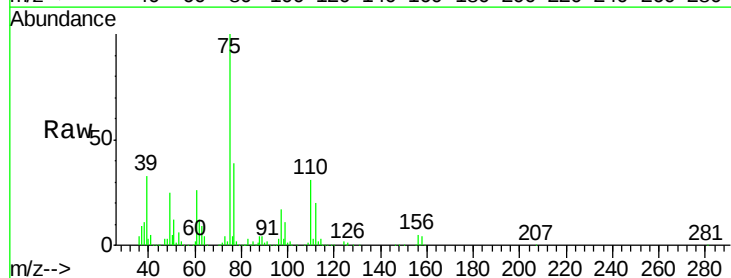
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063361.D

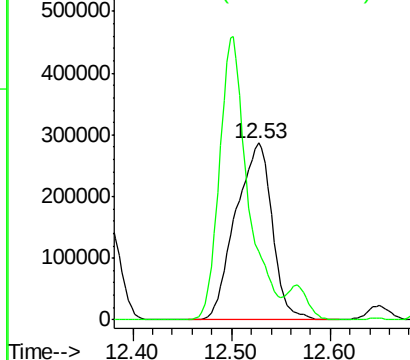
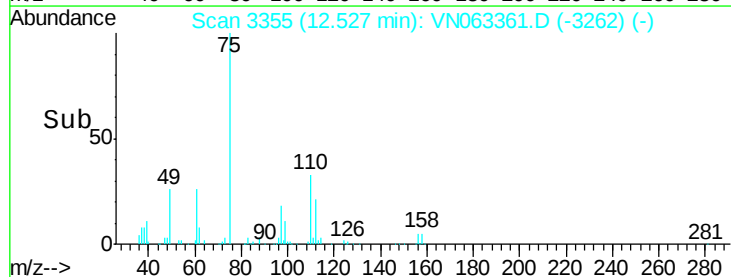
Acq: 16 Sep 2020 12:19

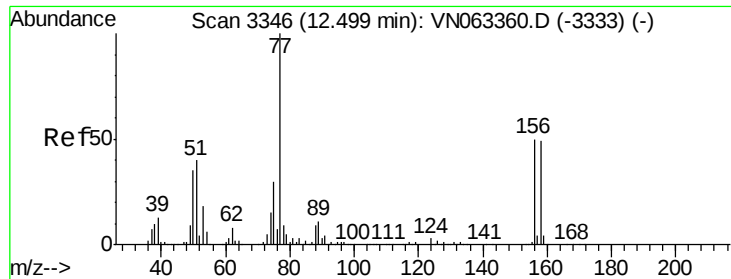
Tgt Ion:	75	Resp:	737269
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063361.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063361.D (-3262) (-)





#77

Bromobenzene

Concen: 102.339 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

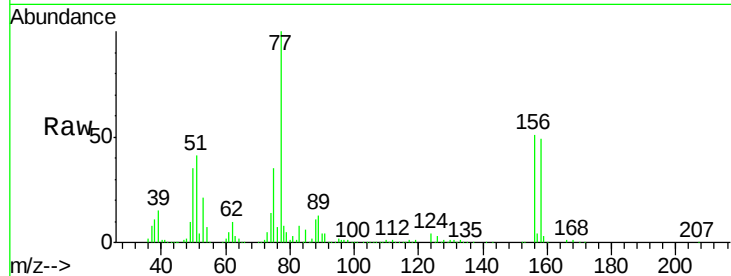
Tgt Ion:156 Resp: 397809

Ion Ratio Lower Upper

156 100

77 233.8 120.2 360.6

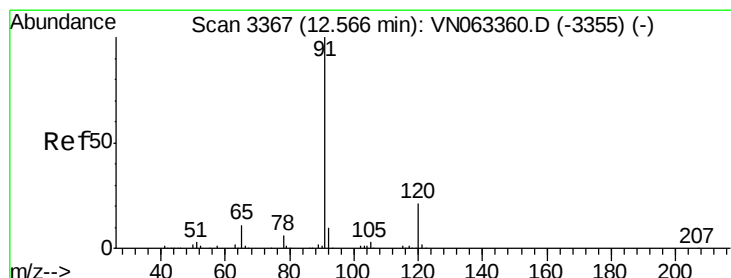
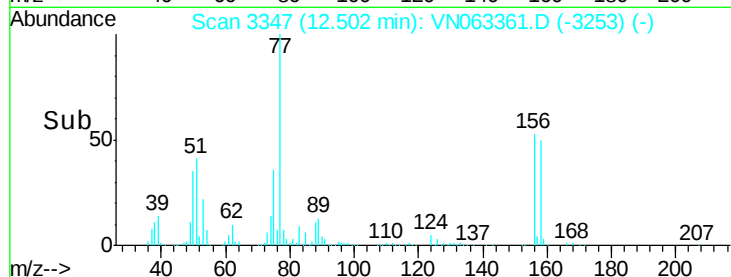
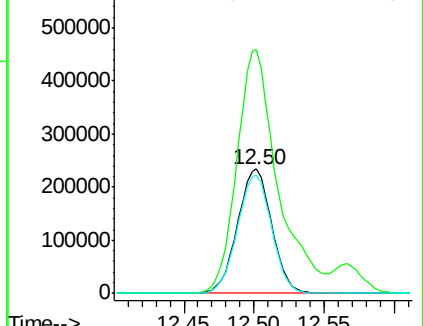
158 95.8 48.9 146.6



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: 106.214 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063361.D

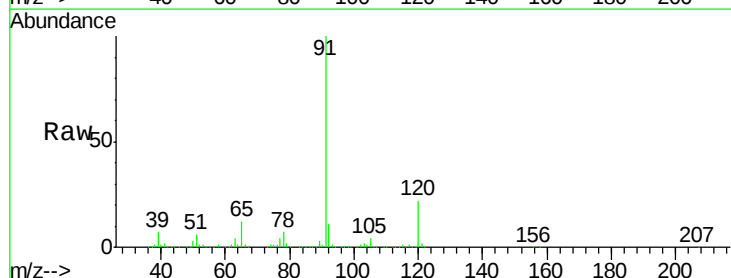
Acq: 16 Sep 2020 12:19

Tgt Ion: 91 Resp: 2039316

Ion Ratio Lower Upper

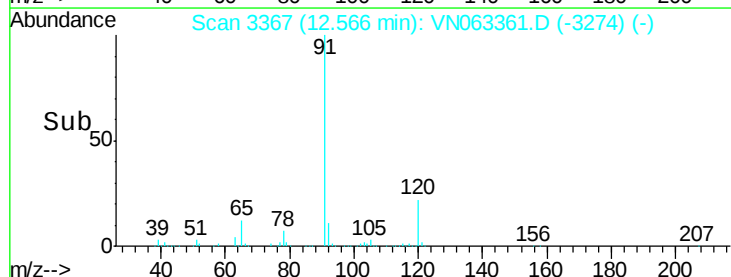
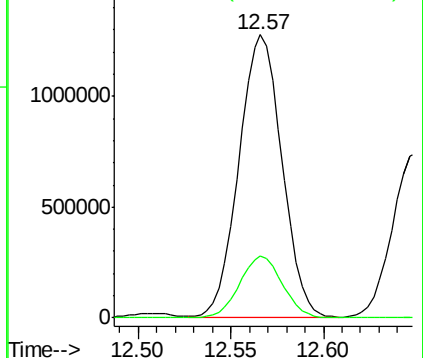
91 100

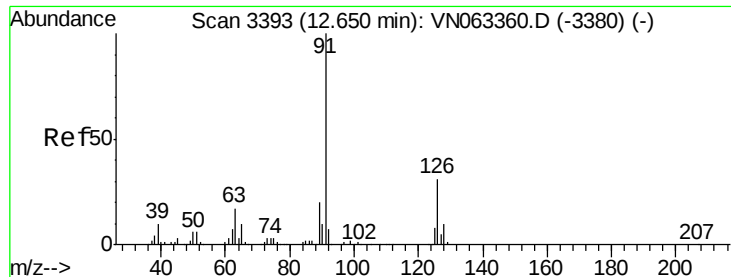
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

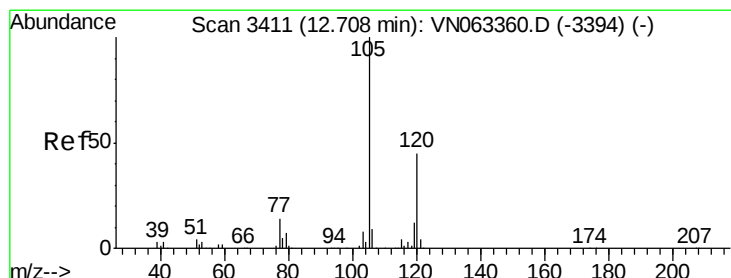
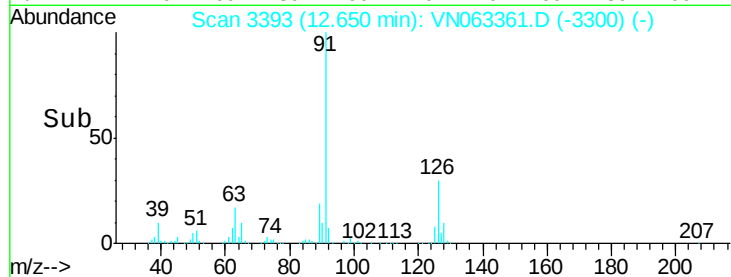
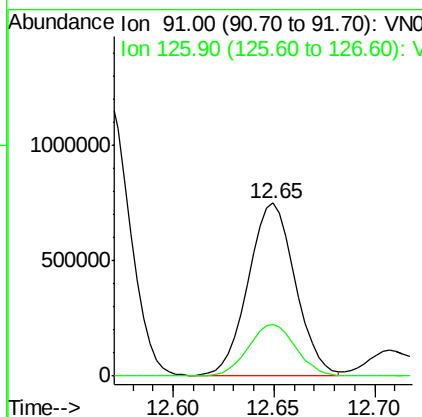
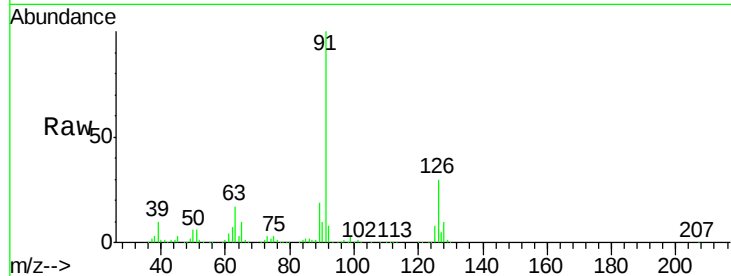




#79
 2-Chlorotoluene
 Concen: 102.714 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

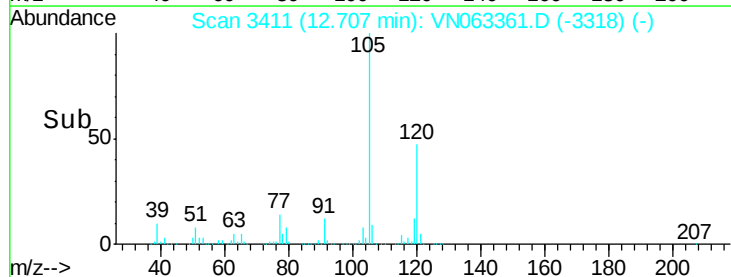
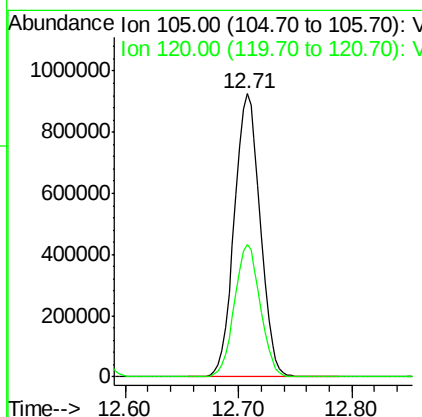
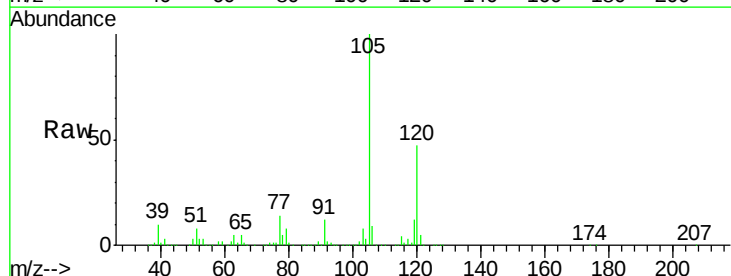
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 1212405
 Ion Ratio Lower Upper
 91 100
 126 30.7 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 104.621 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion: 105 Resp: 1471197
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 115.992 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

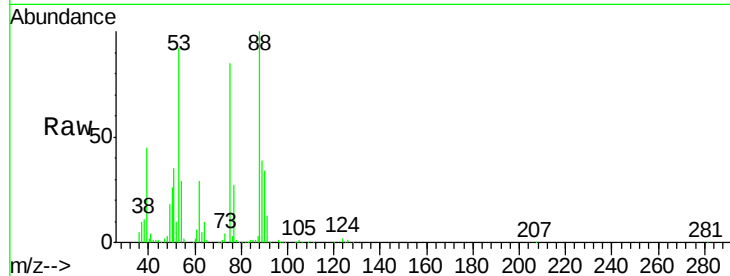
Tgt Ion: 75 Resp: 201845

Ion Ratio Lower Upper

75 100

53 105.3 85.7 128.5

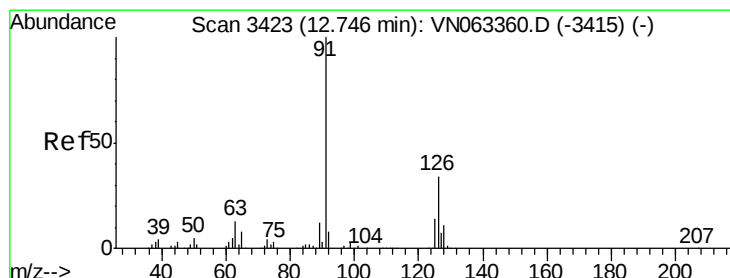
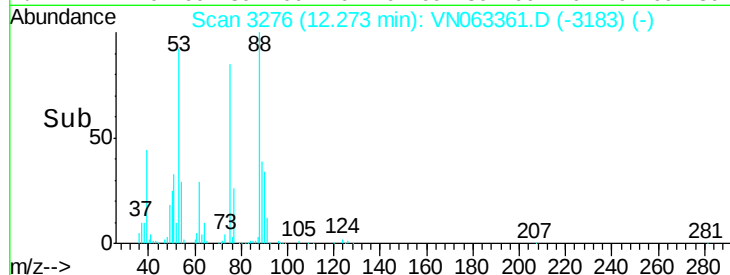
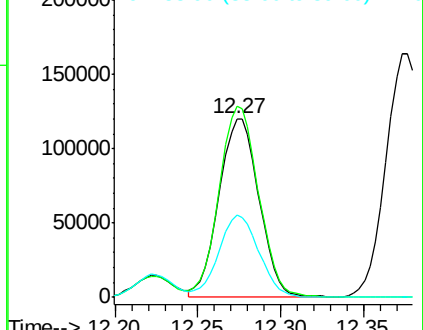
89 46.3 38.0 57.0



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: 102.970 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063361.D

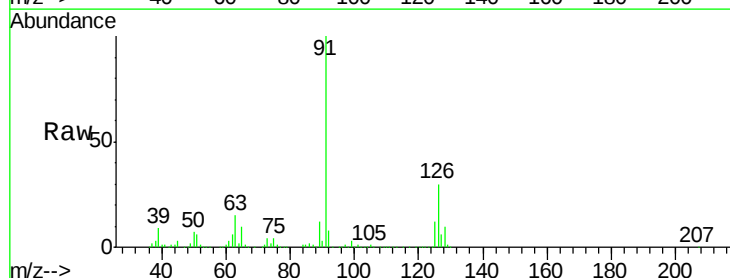
Acq: 16 Sep 2020 12:19

Tgt Ion: 91 Resp: 1277656

Ion Ratio Lower Upper

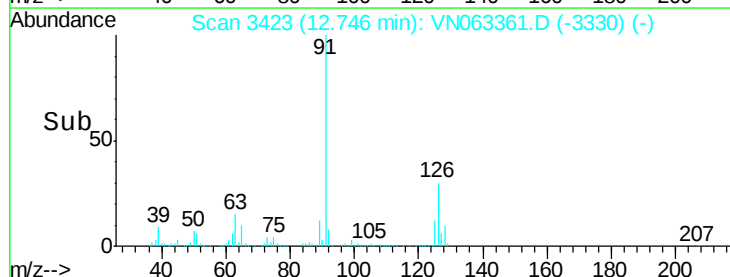
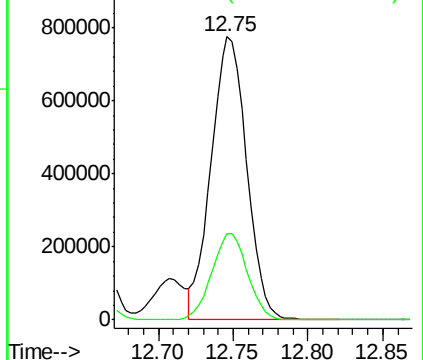
91 100

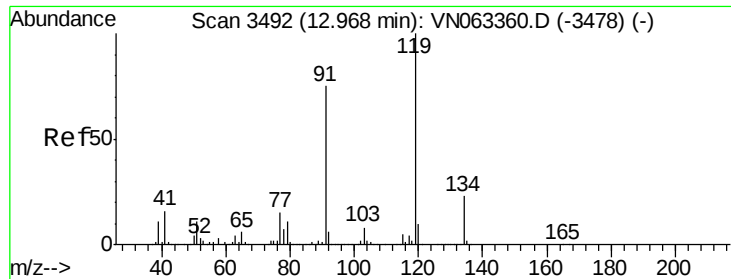
126 30.6 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

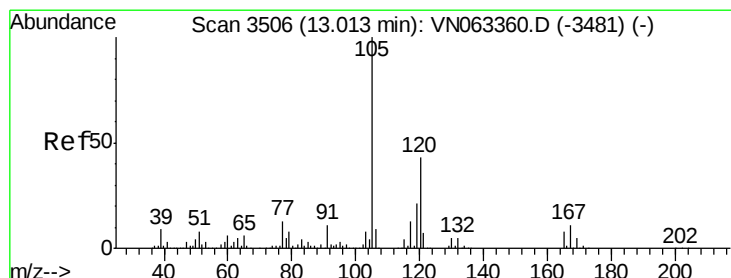
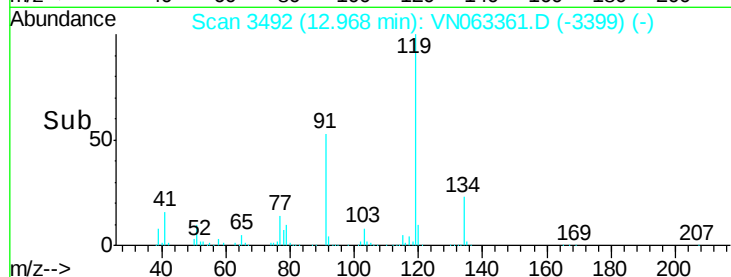
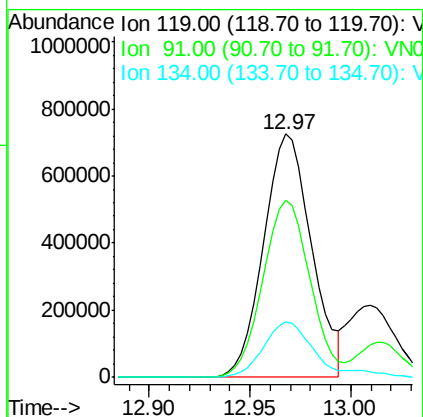
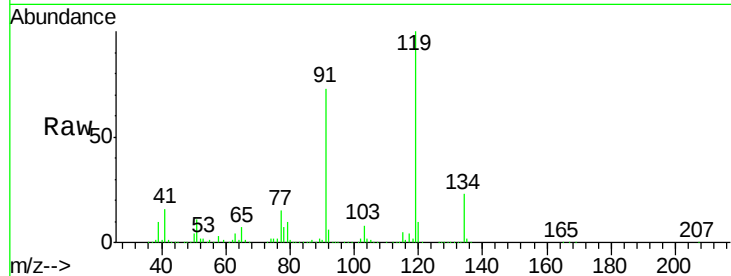




#83
 tert-Butylbenzene
 Concen: 100.987 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

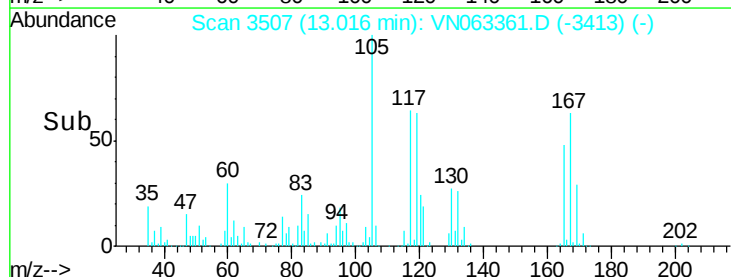
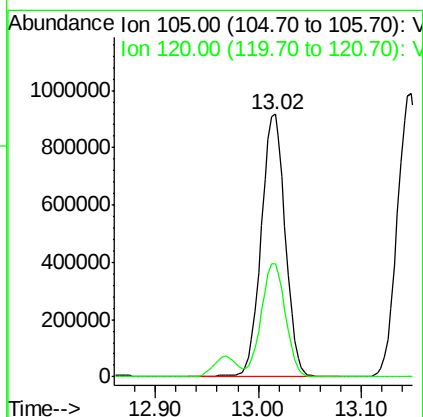
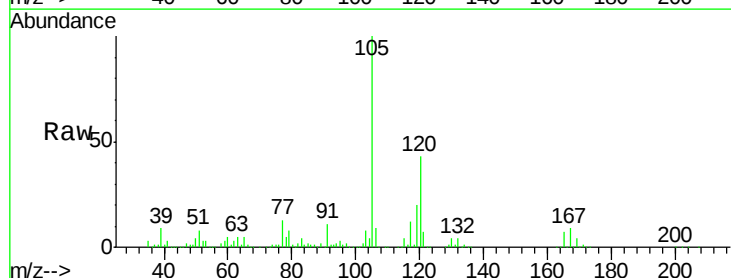
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

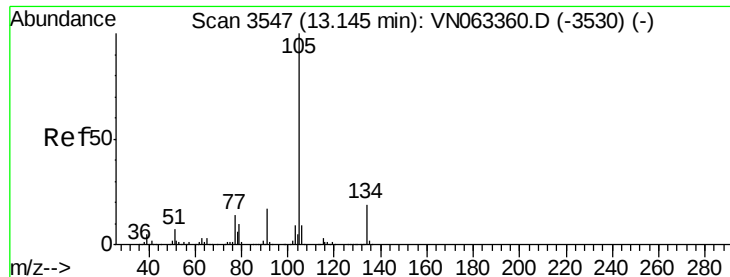
Tgt Ion:119 Resp: 1201012
 Ion Ratio Lower Upper
 119 100
 91 71.6 36.3 108.9
 134 24.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 104.325 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion:105 Resp: 1479591
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.3 63.9

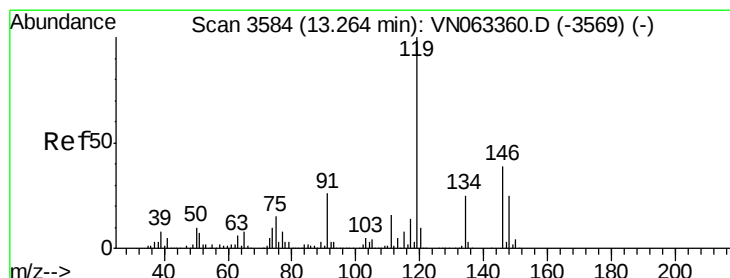
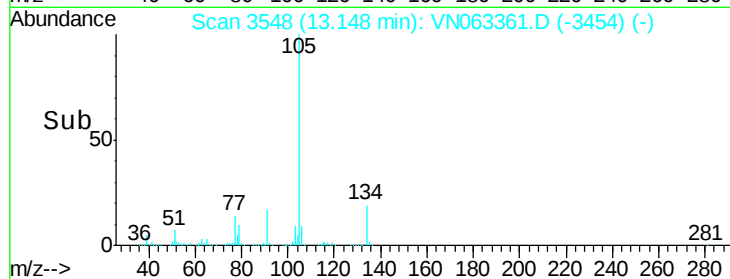
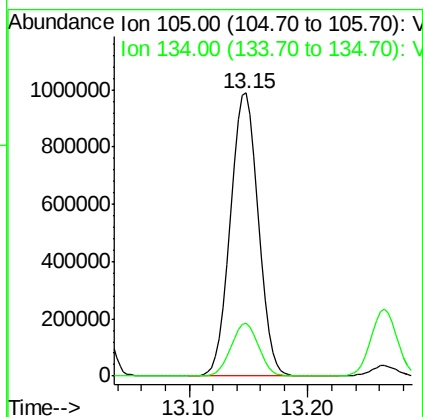
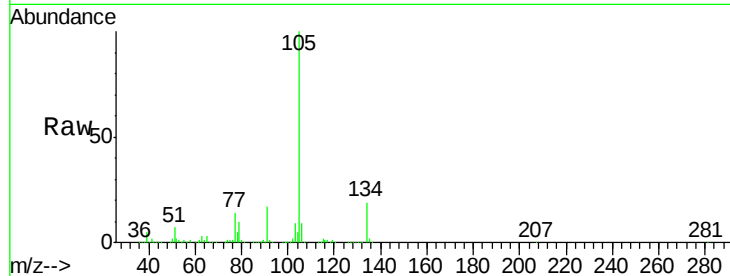




#85
 sec-Butylbenzene
 Concen: 105.772 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

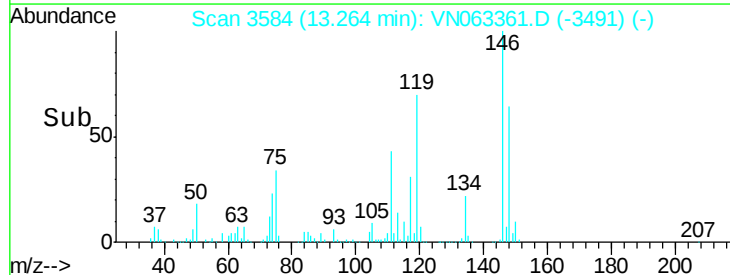
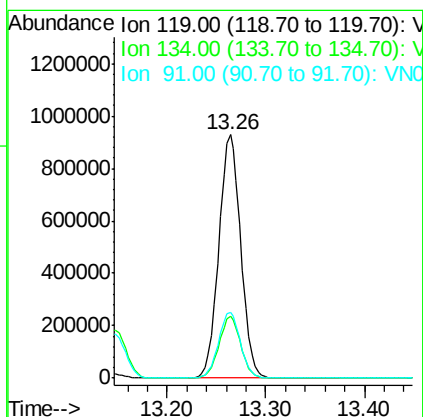
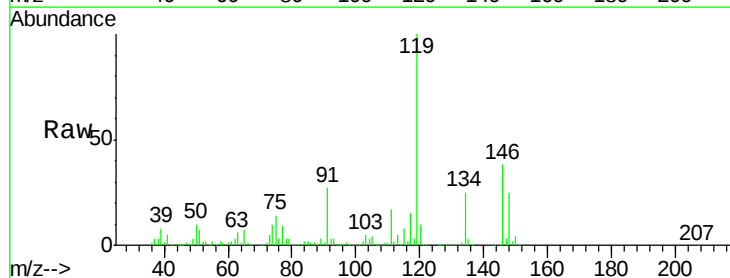
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

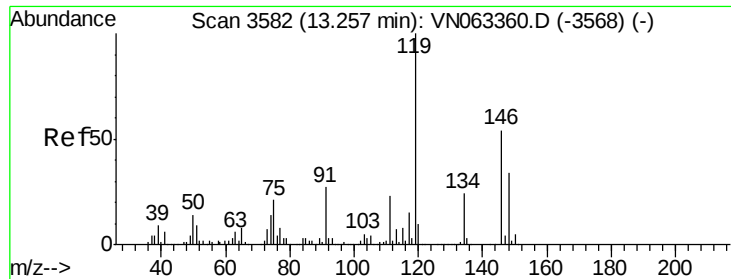
Tgt Ion:105 Resp: 1603893
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 104.040 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion:119 Resp: 1443197
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.5 37.5
 91 26.9 13.4 40.1

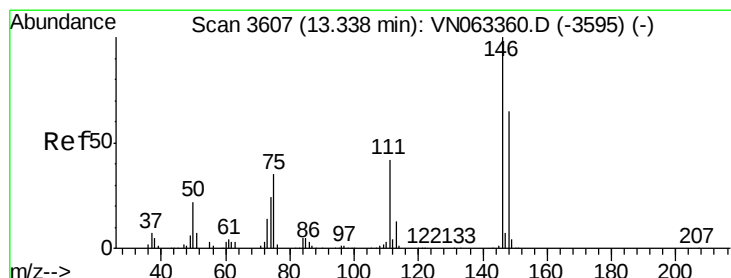
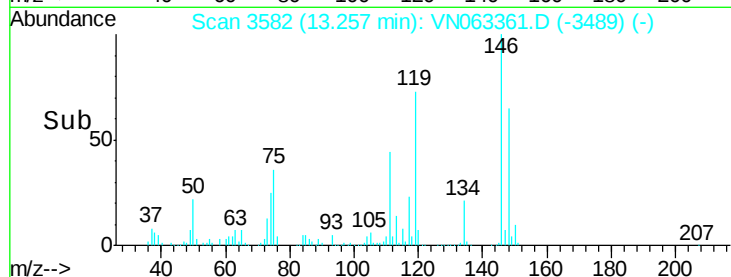
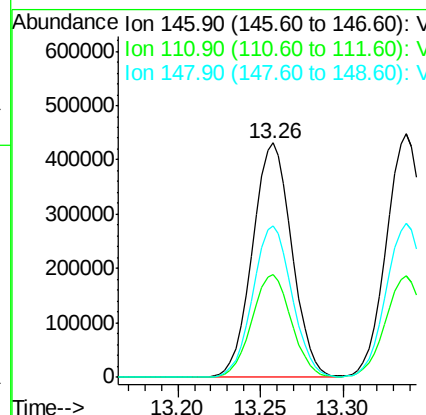
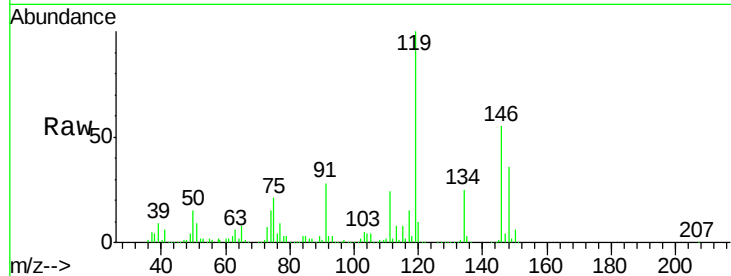




#87
 1,3-Dichlorobenzene
 Concen: 100.448 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

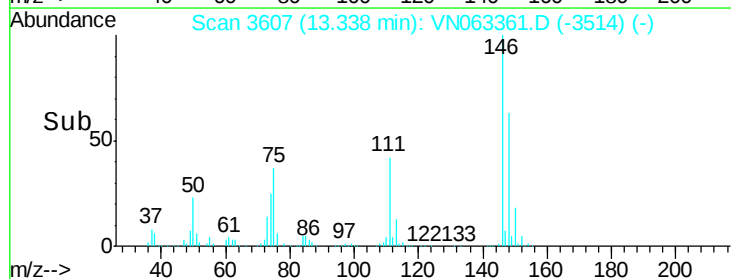
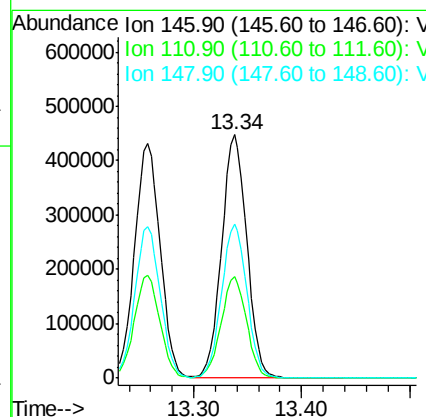
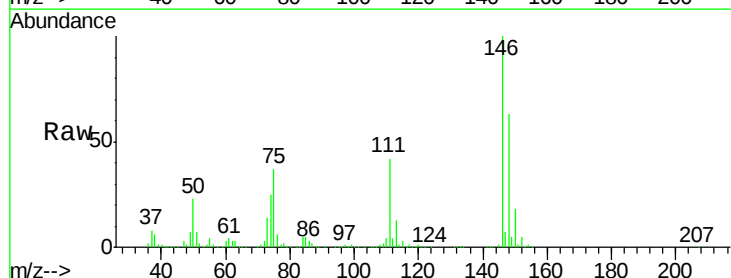
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

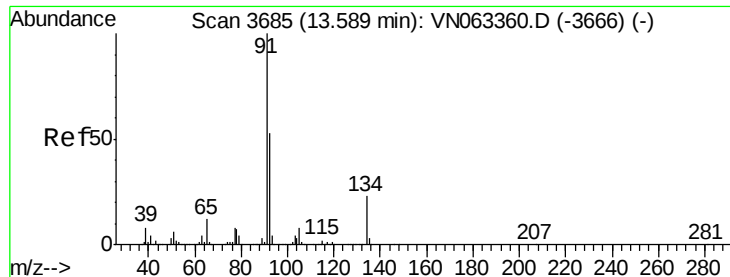
Tgt Ion:146 Resp: 714257
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.4 64.3
 148 64.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 98.569 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion:146 Resp: 729608
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.2 63.6
 148 63.4 31.9 95.9





#89

n-Butylbenzene

Concen: 107.216 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063361.D

Acq: 16 Sep 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

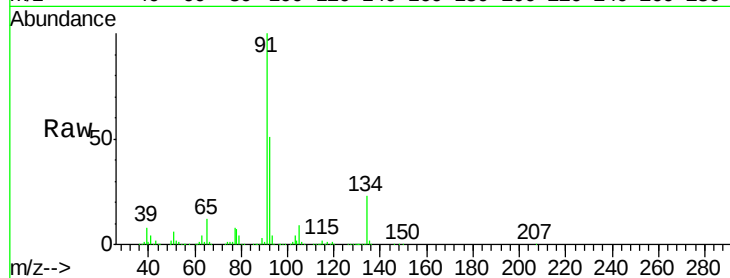
Tgt Ion: 91 Resp: 1344655

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

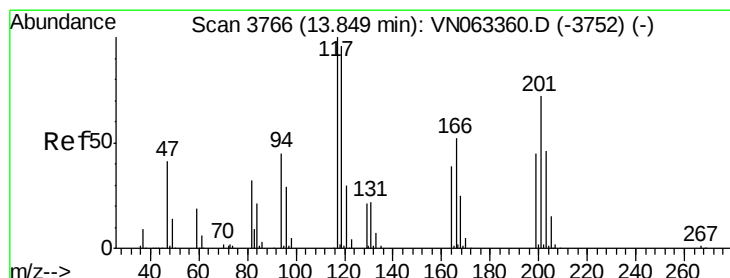
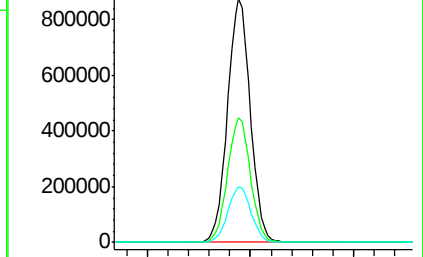
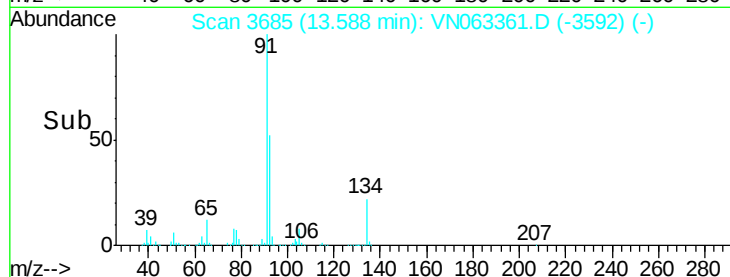
134 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063361.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063361.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063361.D (-3592) (-)



#90

Hexachloroethane

Concen: 118.809 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063361.D

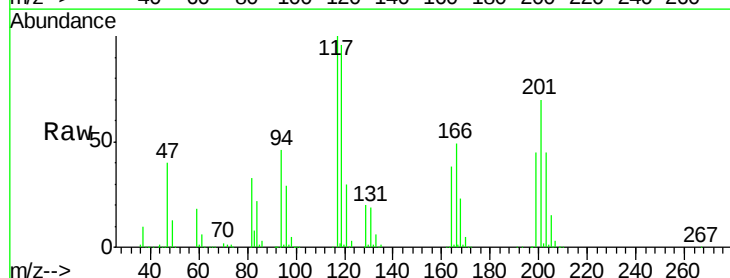
Acq: 16 Sep 2020 12:19

Tgt Ion: 117 Resp: 274652

Ion Ratio Lower Upper

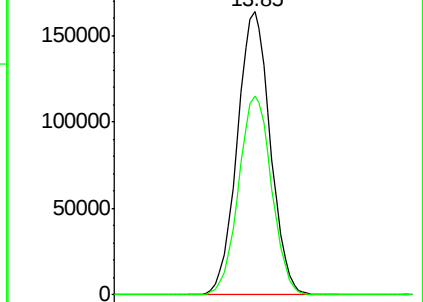
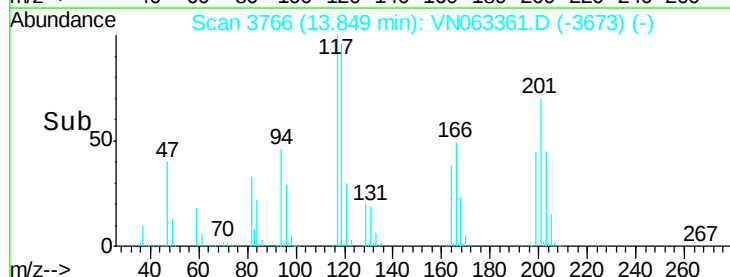
117 100

201 70.1 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063361.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063361.D (-3673) (-)

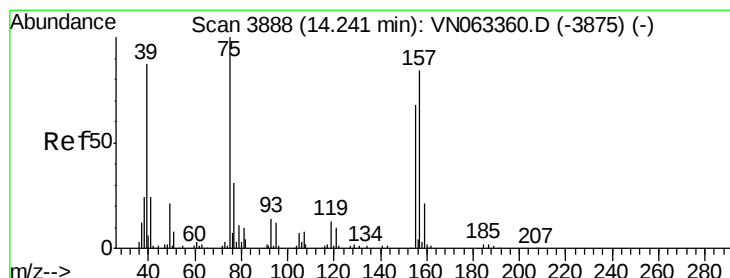
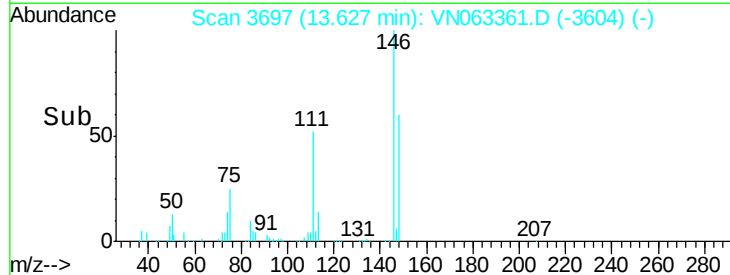
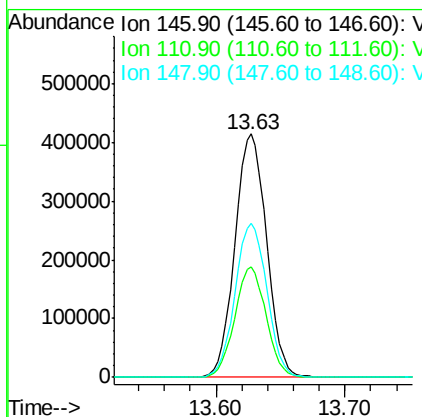
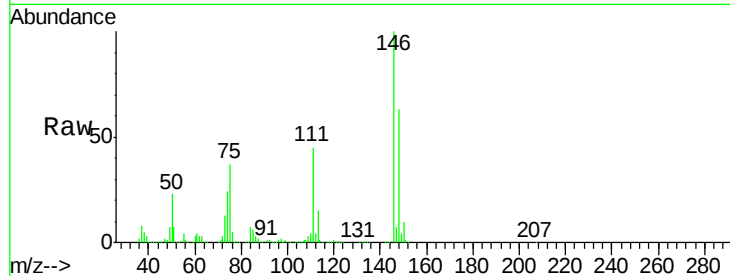




#91
 1,2-Dichlorobenzene
 Concen: 100.481 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

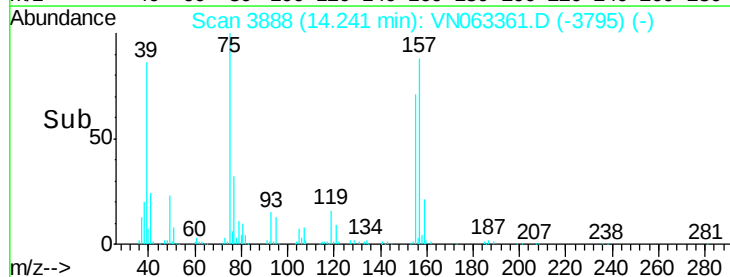
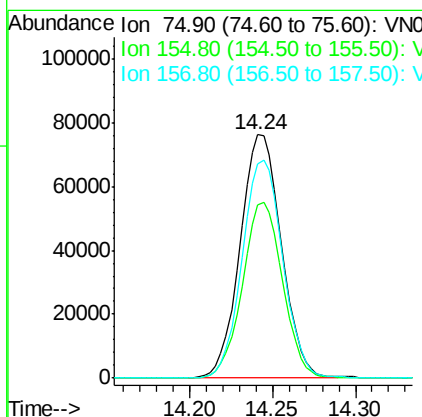
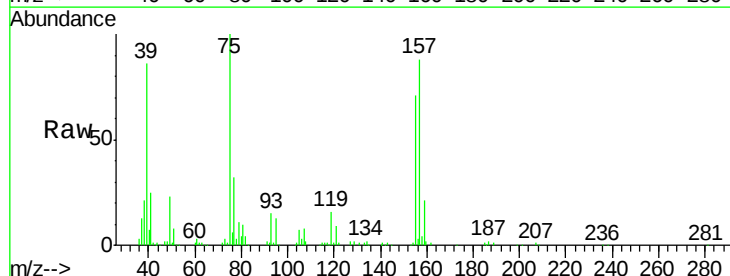
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

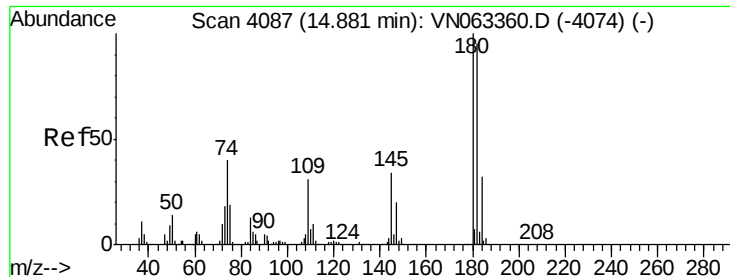
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.4	67.2
148	63.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 117.367 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.2	34.6	103.9
157	88.5	43.7	131.1

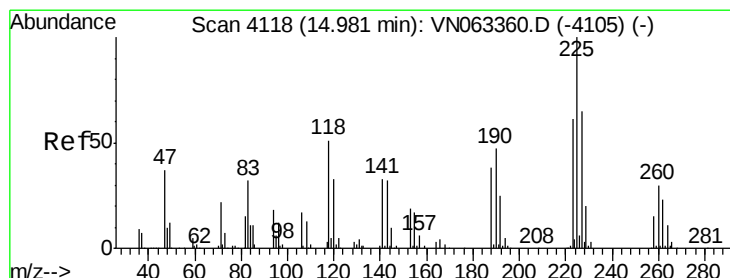
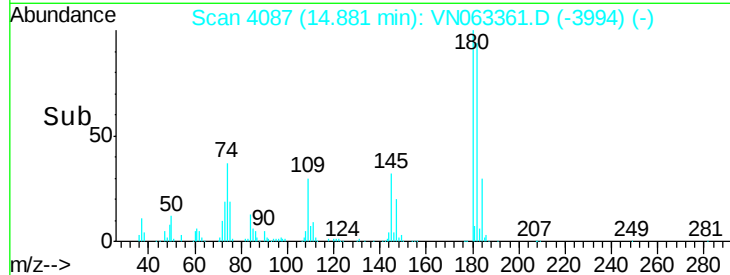
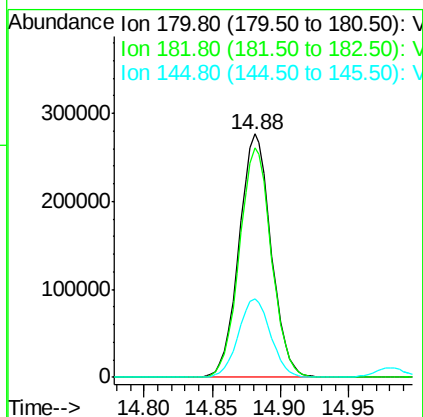
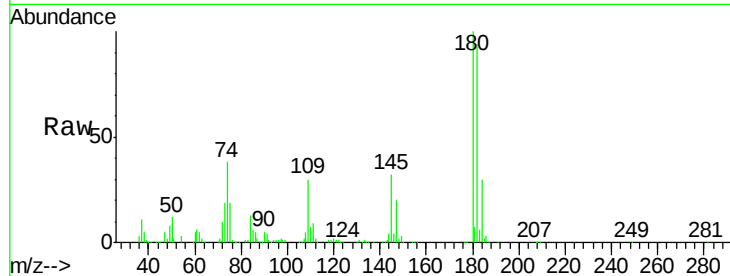




#93
 1,2,4-Trichlorobenzene
 Concen: 108.362 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

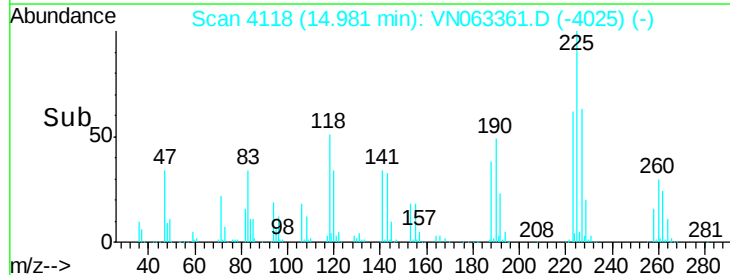
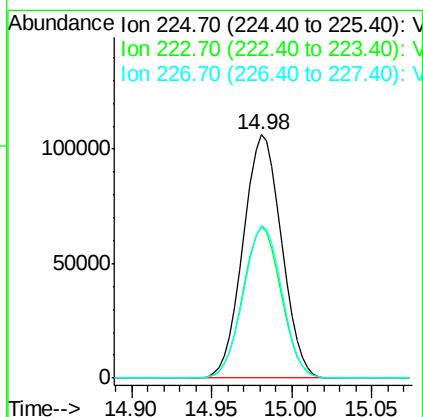
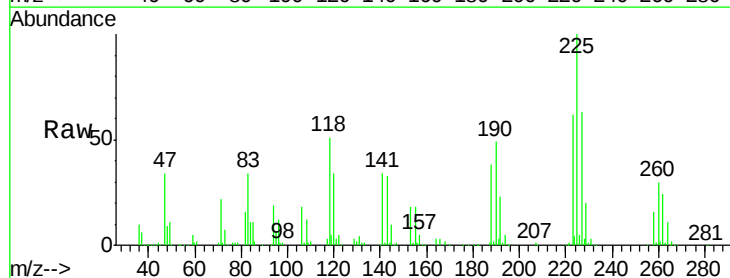
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

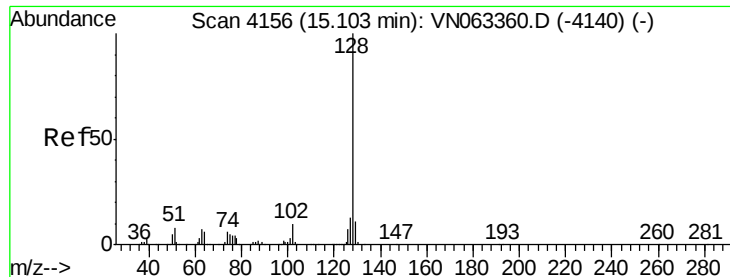
Tgt Ion:180 Resp: 449519
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 32.6 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 98.193 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063361.D
 Acq: 16 Sep 2020 12:19

Tgt Ion:225 Resp: 174340
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.6 91.6
 227 62.8 31.2 93.6

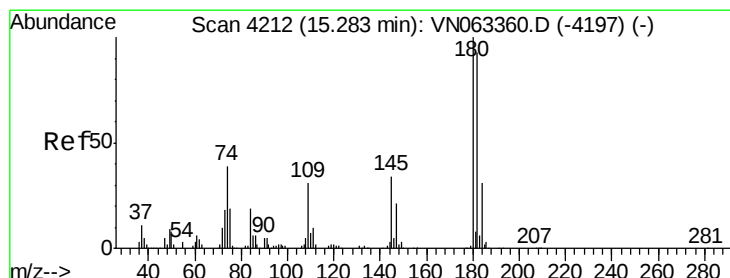
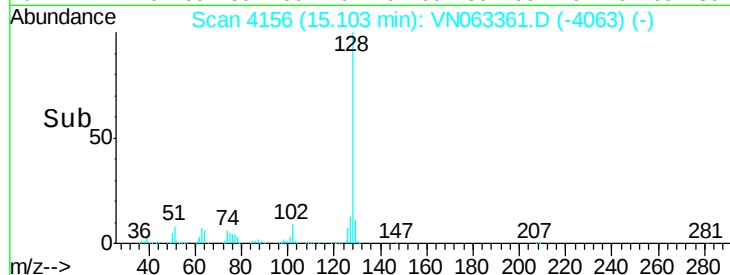
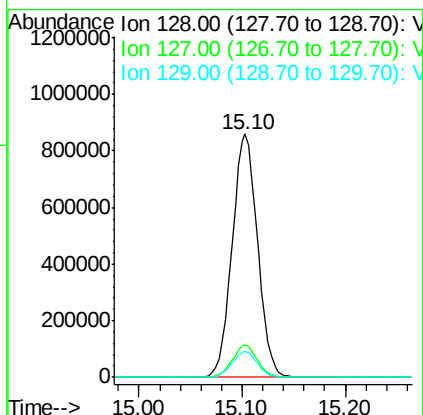
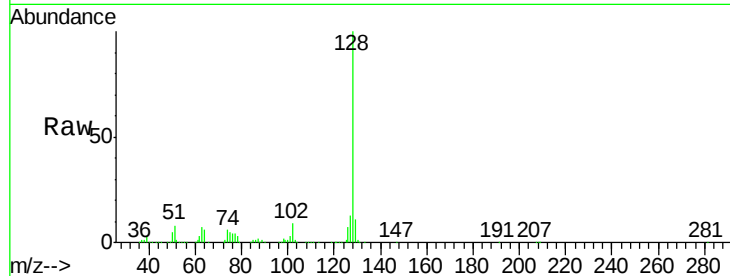




#95
Naphthalene
Concen: 109.171 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1476351
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 105.705 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063361.D
Acq: 16 Sep 2020 12:19

Tgt Ion:180 Resp: 429028
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.1
145 34.8 16.8 50.3

