

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061020\
 Data File : VN061732.D
 Acq On : 10 Jun 2020 11:41
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Jun 10 12:10:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 11:59:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	64221	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	348090	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	333851	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	119369	22.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	74.03%
60) 4-Bromofluorobenzene	12.38	95	150585	27.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.23%
63) Toluene-d8	10.06	98	420406	27.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	92.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	286848	99.83	ug/l	99
3) Chloromethane	2.03	50	342217	70.19	ug/l	98
4) Vinyl Chloride	2.16	62	470535	71.88	ug/l	100
5) Bromomethane	2.52	94	309659	89.15	ug/l	96
6) Chloroethane	2.66	64	329134	74.30	ug/l	97
7) Trichlorofluoromethane	2.98	101	660778	88.91	ug/l	99
8) Diethyl Ether	3.37	74	214861	92.43	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	332283	103.44	ug/l	98
10) 1,1-Dichloroethene	3.70	96	341715	101.83	ug/l	96
11) Methyl Iodide	3.91	142	486314	126.96	ug/l	98
12) Methyl Acetate	4.28	43	273896	71.88	ug/l	98
13) Acrolein	3.56	56	177506	282.07	ug/l	95
14) Acrylonitrile	4.93	53	705304	391.52	ug/l #	92
15) Acetone	3.77	58	198638	441.36	ug/l	94
16) Carbon Disulfide	4.01	76	708852	78.58	ug/l	99
17) Allyl chloride	4.27	41	409235	65.61	ug/l	98
18) Methylene Chloride	4.50	84	383412	94.92	ug/l	97
19) trans-1,2-Dichloroethene	4.99	96	384436	96.93	ug/l	96
20) Diisopropyl ether	5.90	45	929446	64.20	ug/l	95
21) 1,1-Dichloroethane	5.80	63	609611	78.14	ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	446945	97.20	ug/l	97
23) tert-Butyl Alcohol	4.73	59	273209	464.67	ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	1094276	83.97	ug/l #	77
25) Chloroform	7.33	83	681234	88.17	ug/l	97
26) Cyclohexane	7.61	56	500669	69.05	ug/l #	99
29) 1,1-Dichloropropene	7.75	75	503258	87.33	ug/l	99
30) 2-Butanone	6.79	43	854047	362.08	ug/l	100
31) 2,2-Dichloropropane	6.77	77	564125	83.64	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	616233	93.43	ug/l	99
33) Carbon Tetrachloride	7.73	117	524870	102.67	ug/l	98
34) Benzene	8.00	78	1542893	93.36	ug/l #	92
35) Methacrylonitrile	7.12	41	149978	66.19	ug/l #	75
36) 1,2-Dichloroethane	8.09	62	487344	79.18	ug/l	98
37) Trichloroethene	8.80	130	479732	112.68	ug/l	100
38) Methylcyclohexane	9.05	83	579611	84.57	ug/l	99
39) 1,2-Dichloropropane	9.09	63	363237	82.17	ug/l	97
40) Dibromomethane	9.18	93	277084	97.52	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	561169	92.50	ug/l	99
42) Vinyl Acetate	5.84	43	3573597	323.09	ug/l	100
43) Ethyl Acetate	6.88	43	364450	74.74	ug/l	98
44) Isopropyl Acetate	8.13	43	637394	66.30	ug/l	100
45) 1,4-Dioxane	9.17	88	133882	2996.98	ug/l	95
46) Methyl methacrylate	9.17	41	284046	63.60	ug/l	98
47) n-amyl Acetate	12.04	43	587516	69.20	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	609520	87.16	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	647021	86.53	ug/l	99
50) 1,1,2-Trichloroethane	10.54	97	397364	100.73	ug/l	97
51) Ethyl methacrylate	10.40	69	564550	87.38	ug/l	98
52) 1,3-Dichloropropane	10.68	76	642190	91.92	ug/l	99
53) Dibromochloromethane	10.87	129	482418	110.20	ug/l	99
54) 1,2-Dibromoethane	10.98	107	425327	104.22	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	1108871	397.44	ug/l	99
56) Bromoform	12.10	173	353413	126.28	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	1861868	338.90	ug/l	100
59) 2-Hexanone	10.72	43	1364420	350.54	ug/l	100
61) Tetrachloroethene	10.60	164	546385	126.49	ug/l	96
62) Toluene	10.12	91	1752574	93.60	ug/l	98
64) Chlorobenzene	11.41	112	1133257	100.98	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	425648	103.21	ug/l	99
66) Ethyl Benzene	11.48	91	1961516	92.24	ug/l	98
67) m/p-Xylenes	11.60	106	1554961	195.31	ug/l	98
68) o-Xylene	11.92	106	746609	98.59	ug/l	99
69) Styrene	11.94	104	1287618	99.05	ug/l	99
70) Isopropylbenzene	12.22	105	1950775	95.32	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	505359	90.46	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	685873	129.96	ug/l	63
73) Bromobenzene	12.50	156	527470	118.36	ug/l	98
74) n-propylbenzene	12.57	91	2205210	91.29	ug/l	99
75) 2-Chlorotoluene	12.65	91	1291006	93.24	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	1636677	95.45	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	190221	87.28	ug/l	94
78) 4-Chlorotoluene	12.75	91	1352011	93.05	ug/l	99
79) tert-butylbenzene	12.97	119	1411288	98.84	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	1662505	96.71	ug/l	99
81) sec-Butylbenzene	13.15	105	1820189	93.17	ug/l	100
82) p-Isopropyltoluene	13.26	119	1718695	97.24	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	931213	113.07	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	927700	114.45	ug/l	99
85) n-Butylbenzene	13.59	91	1423983	88.73	ug/l	99
86) Hexachloroethane	13.85	117	226208	92.75	ug/l	95
87) 1,2-Dichlorobenzene	13.63	146	881226	112.98	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.25	75	95224	82.43	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	550110	123.83	ug/l	99
90) Hexachlorobutadiene	14.98	225	219931	118.21	ug/l	98
91) Naphthalene	15.10	128	1552159	113.37	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	524780	120.62	ug/l	99

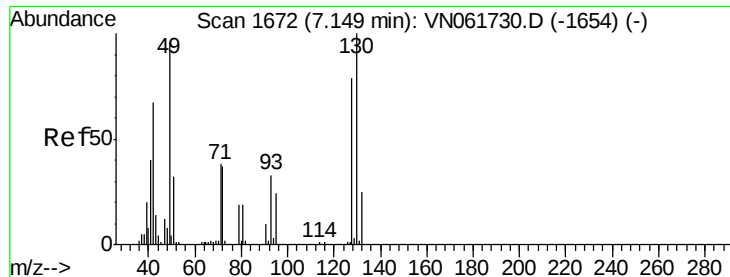
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

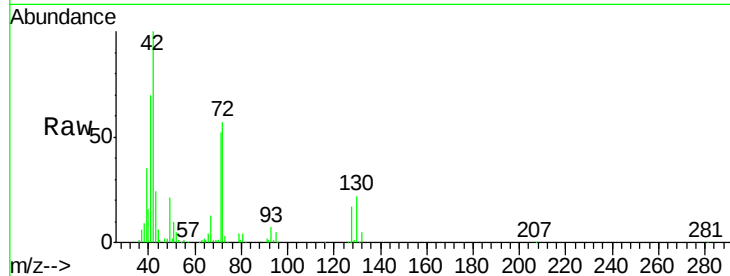
Tgt Ion:128 Resp: 64221

Ion Ratio Lower Upper

128 100

49 128.9 0.0 312.3

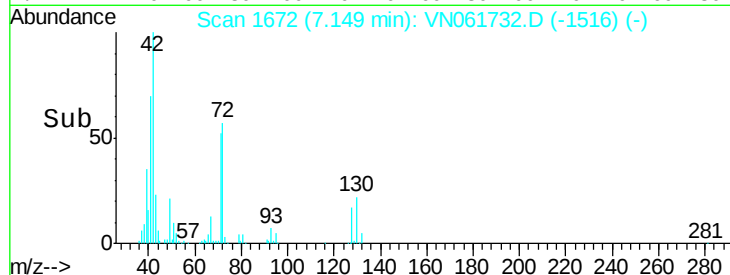
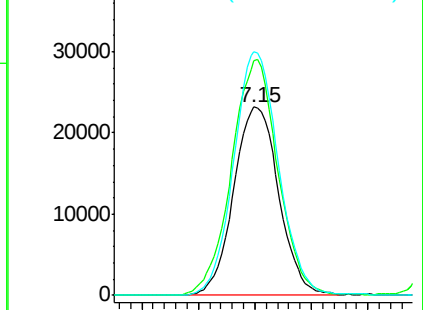
130 128.7 0.0 328.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 99.83 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061732.D

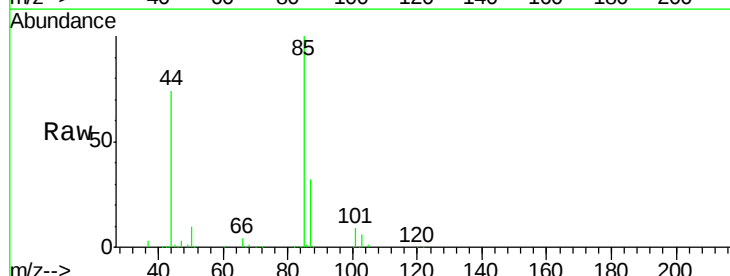
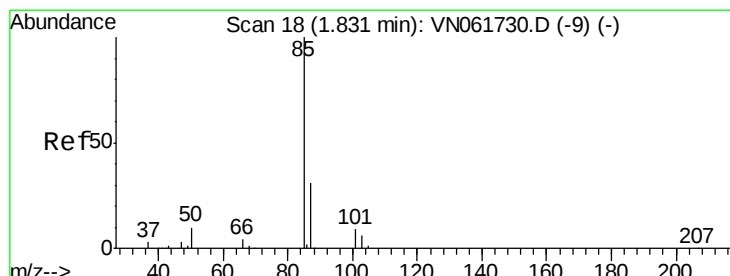
Acq: 10 Jun 2020 11:41

Tgt Ion: 85 Resp: 286848

Ion Ratio Lower Upper

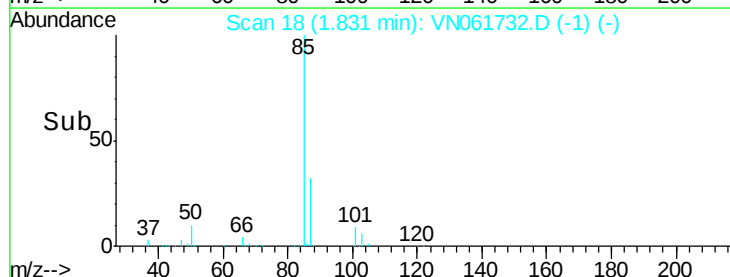
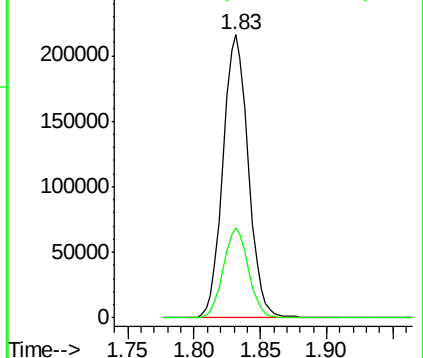
85 100

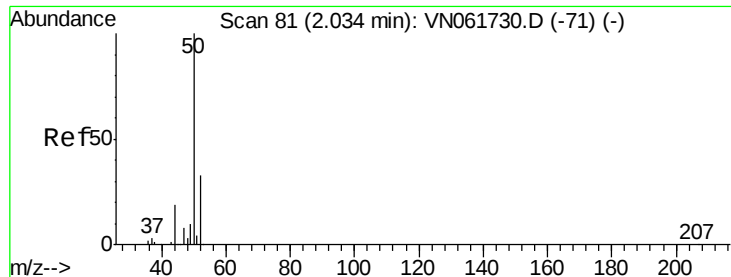
87 31.7 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 70.19 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

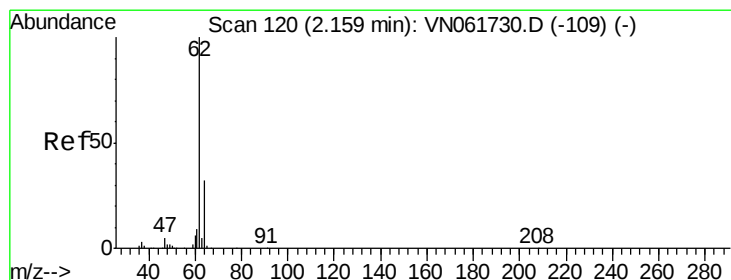
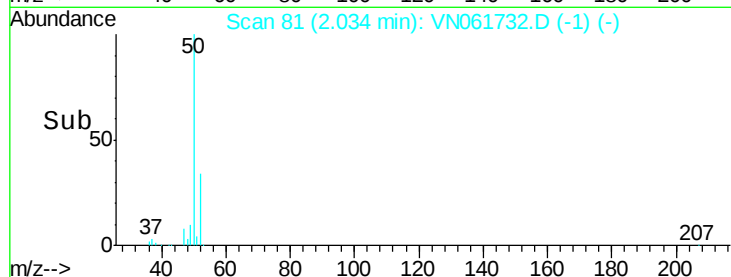
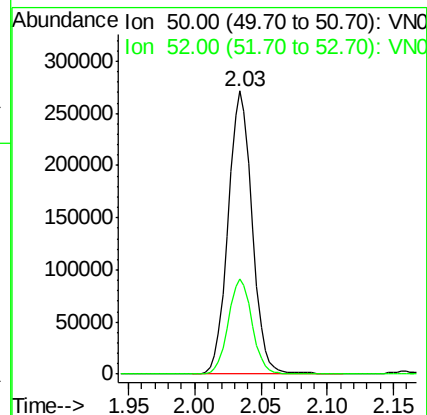
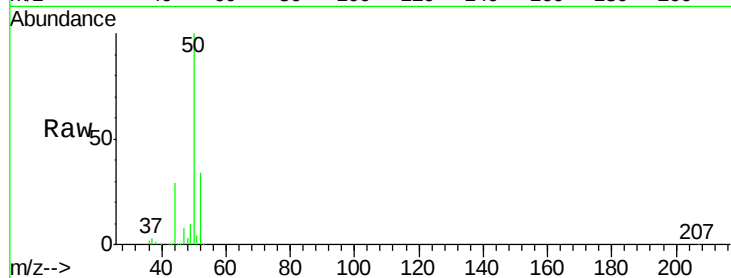
VSTDIC100

Tgt Ion: 50 Resp: 342217

Ion Ratio Lower Upper

50 100

52 33.8 26.2 39.2



#4

Vinyl Chloride

Concen: 71.88 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061732.D

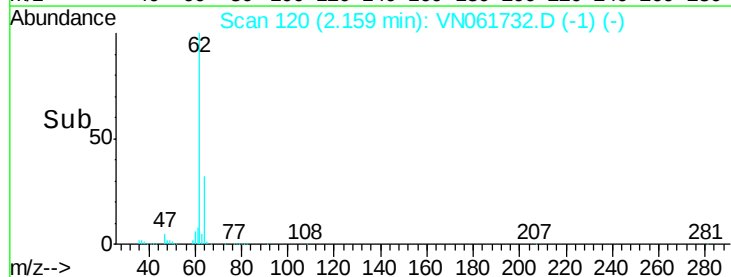
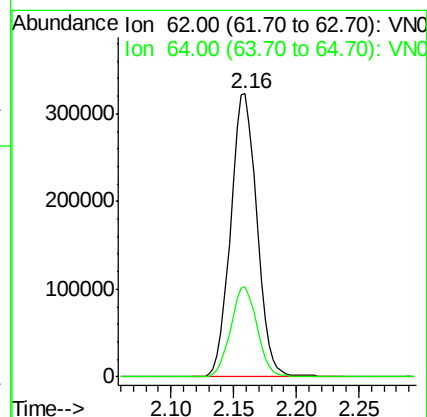
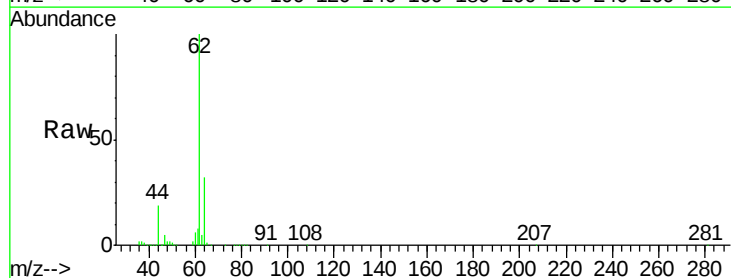
Acq: 10 Jun 2020 11:41

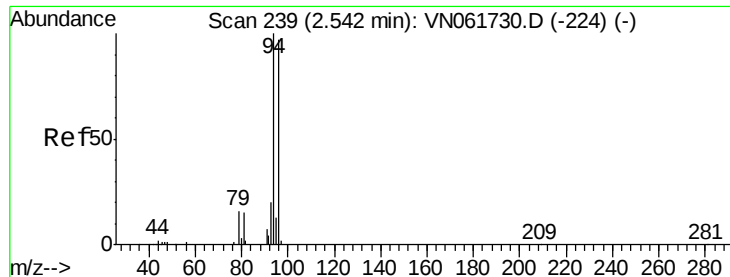
Tgt Ion: 62 Resp: 470535

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3

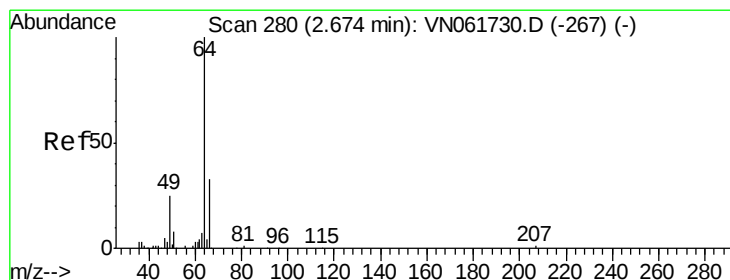
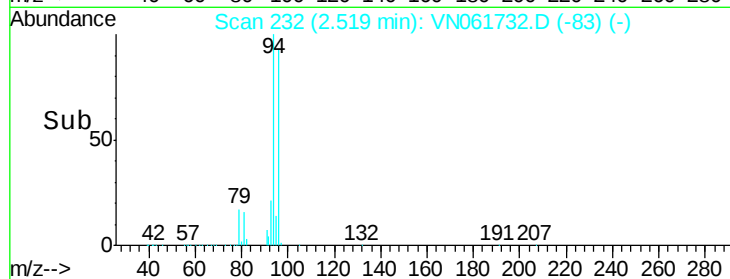
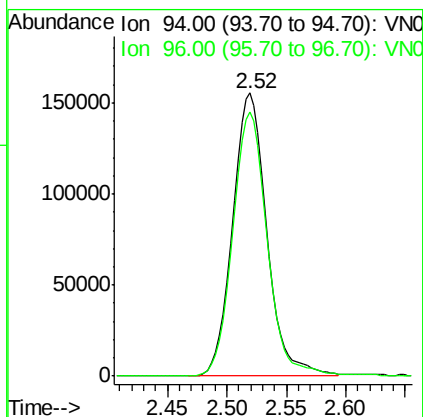
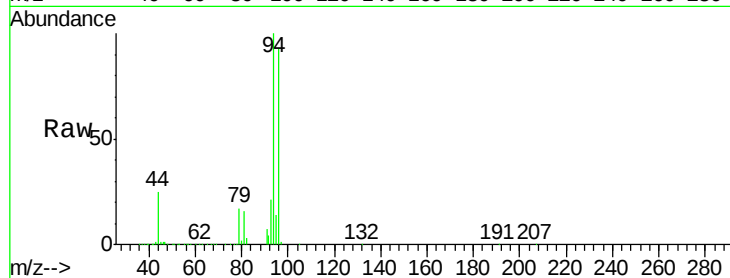




#5
Bromomethane
Concen: 89.15 ug/l
RT: 2.52 min Scan# 232
Delta R.T. -0.02 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

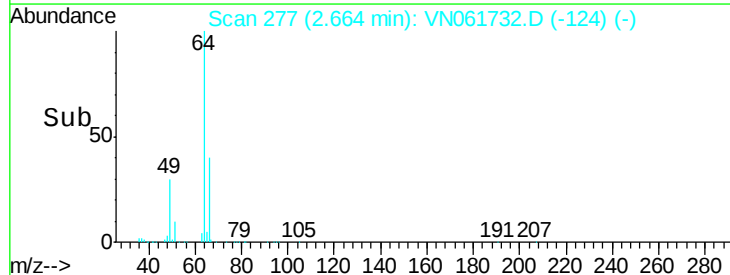
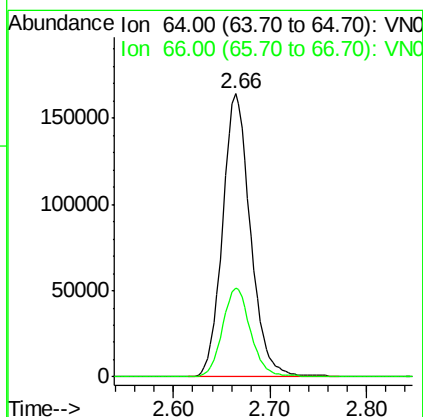
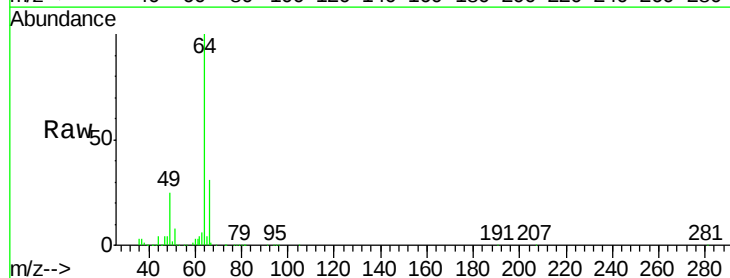
Instrument :
MSVOA_N
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VSTDIC100

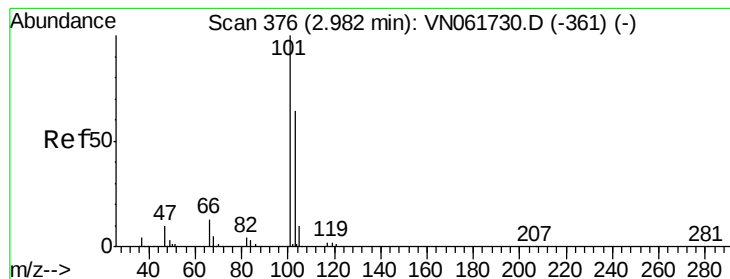
Tgt Ion: 94 Resp: 309659
Ion Ratio Lower Upper
94 100
96 93.2 77.4 116.2



#6
Chloroethane
Concen: 74.30 ug/l
RT: 2.66 min Scan# 277
Delta R.T. -0.01 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 64 Resp: 329134
Ion Ratio Lower Upper
64 100
66 31.4 26.6 39.8



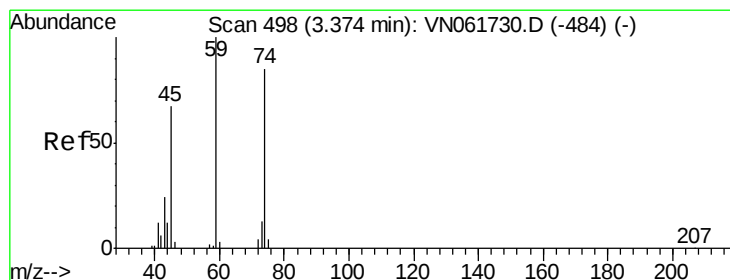
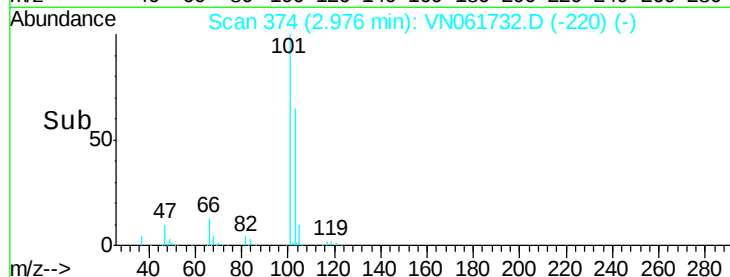
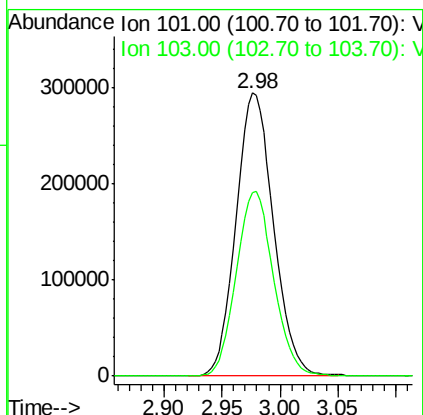
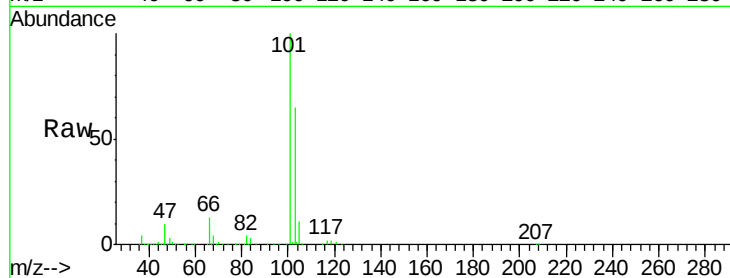


#7

Trichlorofluoromethane
 Concen: 88.91 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

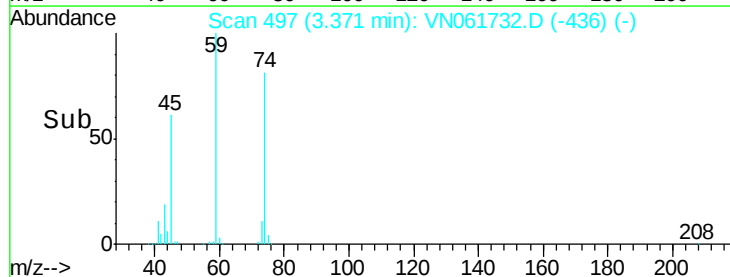
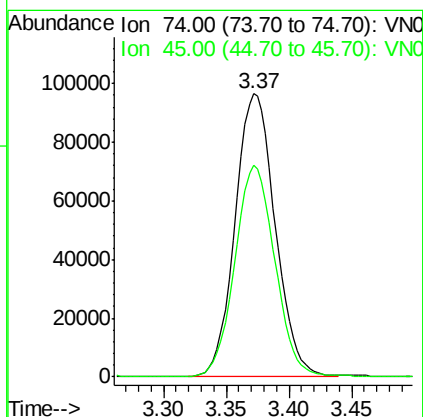
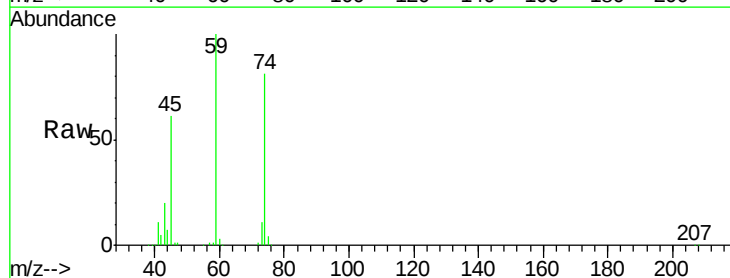
Tgt Ion: 101 Resp: 660778
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.1 76.7

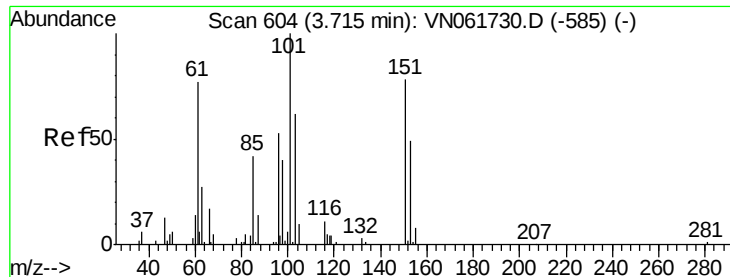


#8

Diethyl Ether
 Concen: 92.43 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion: 74 Resp: 214861
 Ion Ratio Lower Upper
 74 100
 45 74.5 15.4 138.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.44 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

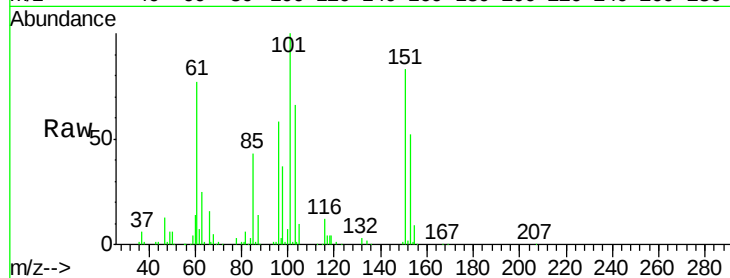
Tgt Ion: 101 Resp: 332283

Ion Ratio Lower Upper

101 100

85 42.8 0.0 84.8

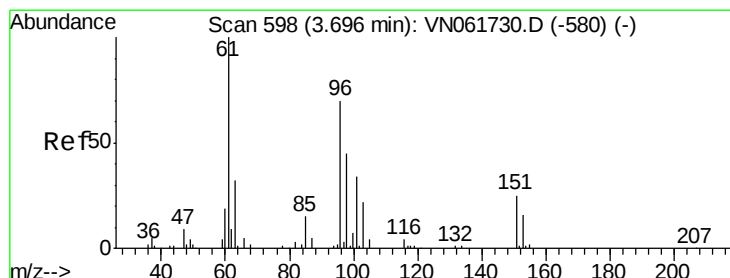
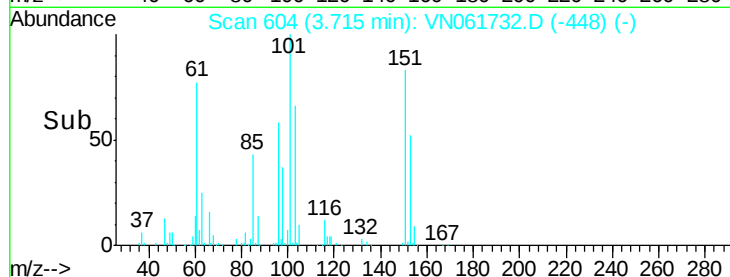
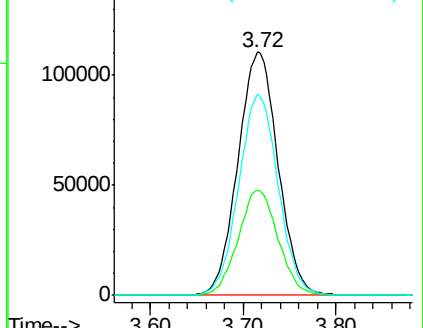
151 81.4 0.0 159.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 101.83 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

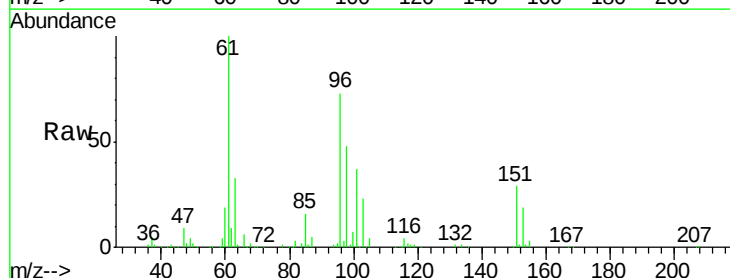
Tgt Ion: 96 Resp: 341715

Ion Ratio Lower Upper

96 100

61 137.2 114.9 172.3

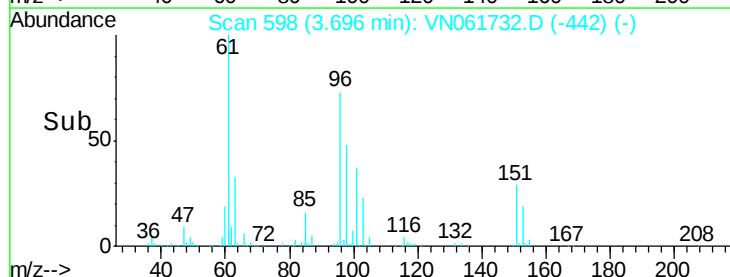
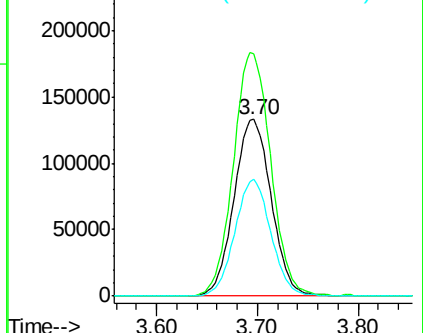
98 66.1 52.2 78.2

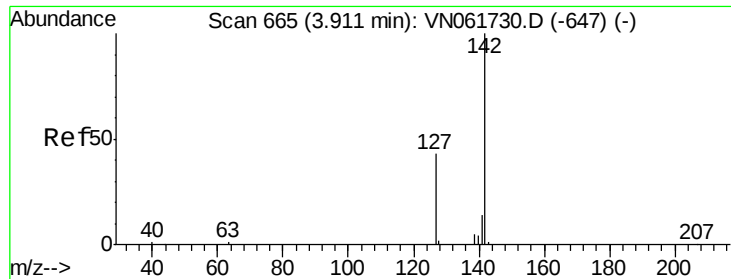


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

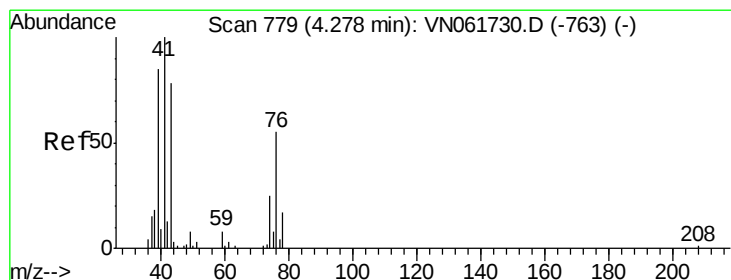
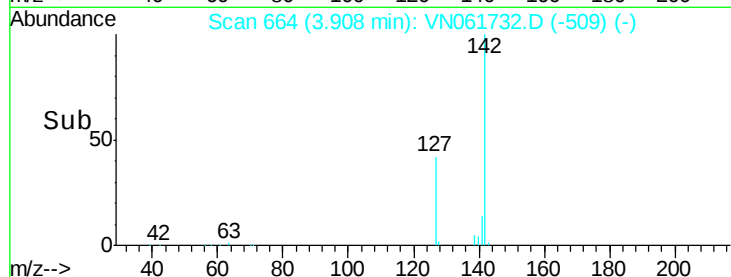
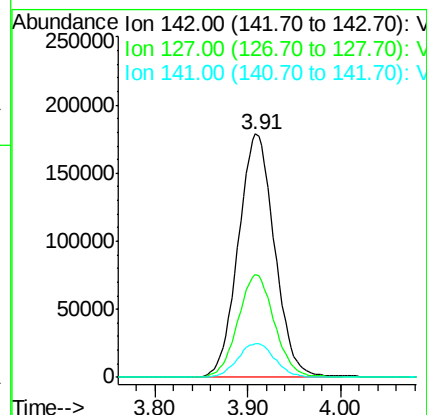
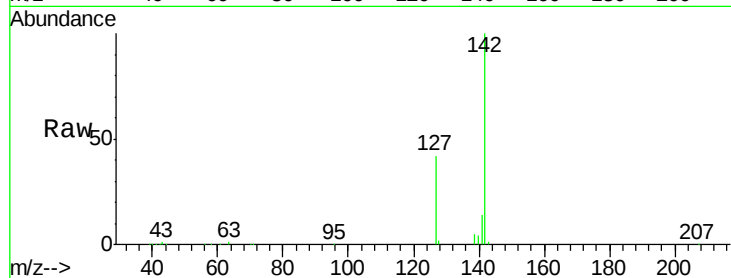




#11
Methyl Iodide
Concen: 126.96 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

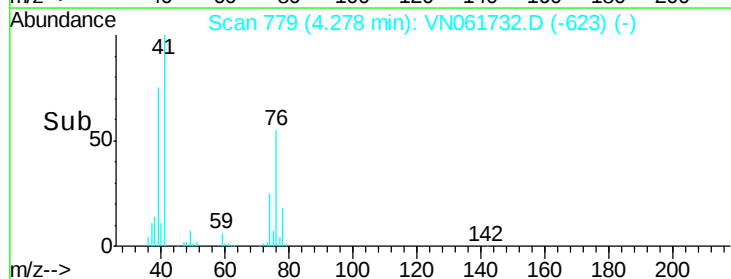
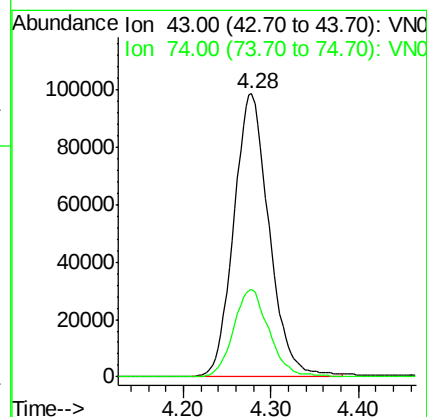
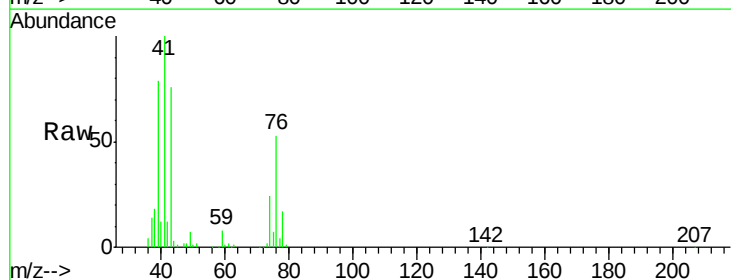
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

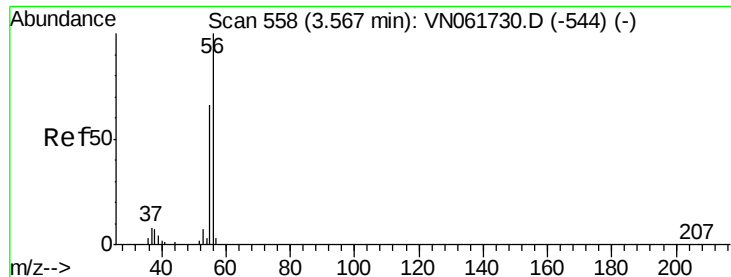
Tgt Ion:142 Resp: 486314
Ion Ratio Lower Upper
142 100
127 42.1 21.6 64.6
141 13.7 7.2 21.6



#12
Methyl Acetate
Concen: 71.88 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 43 Resp: 273896
Ion Ratio Lower Upper
43 100
74 31.0 25.8 38.6





#13

Acrolein

Concen: 282.07 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

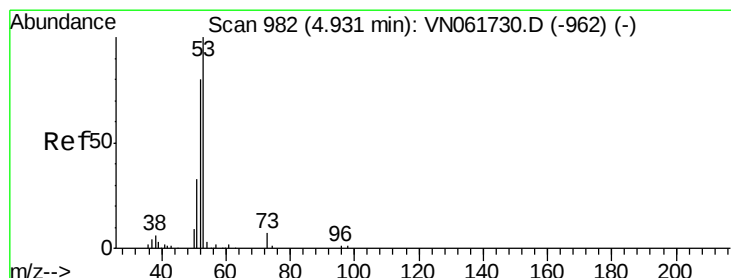
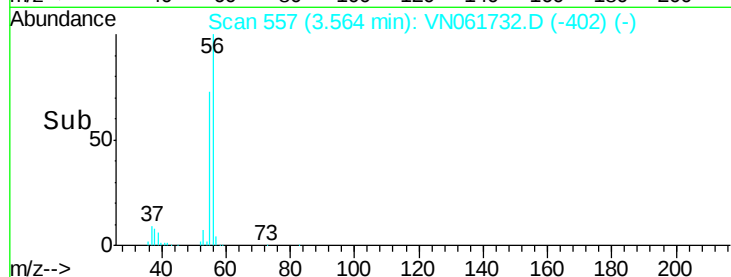
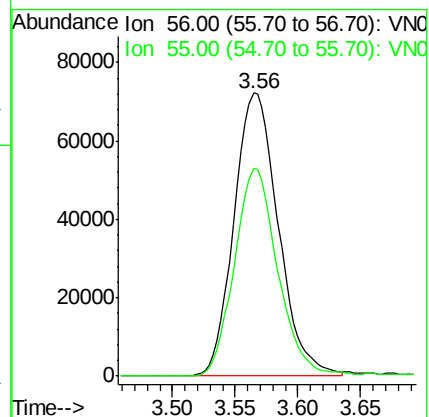
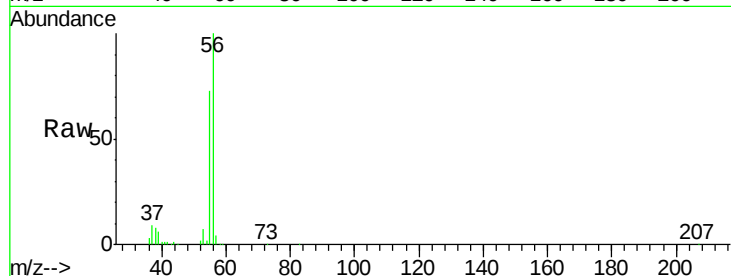
VSTDIC100

Tgt Ion: 56 Resp: 177506

Ion Ratio Lower Upper

56 100

55 71.6 53.9 80.9



#14

Acrylonitrile

Concen: 391.52 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

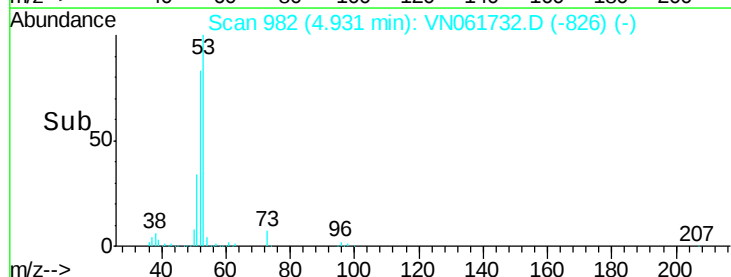
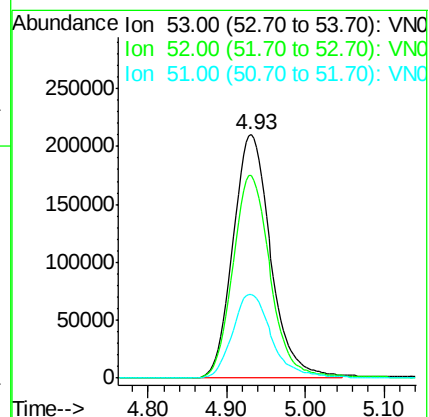
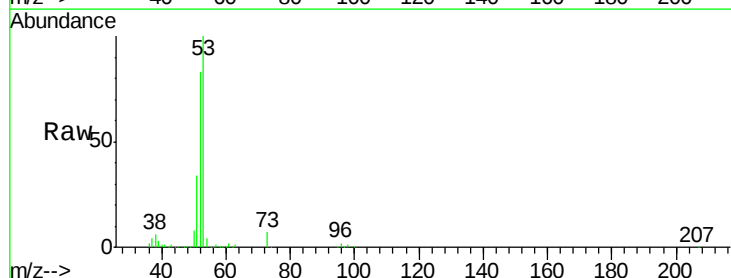
Tgt Ion: 53 Resp: 705304

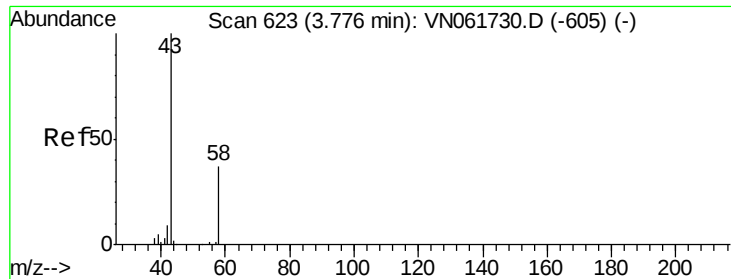
Ion Ratio Lower Upper

53 100

52 82.7 41.3 123.7

51 35.8 8.0 23.8#





#15

Acetone

Concen: 441.36 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

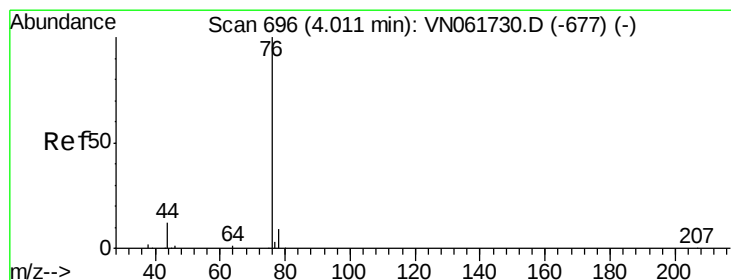
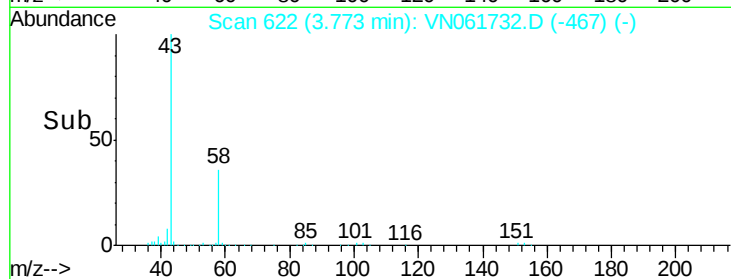
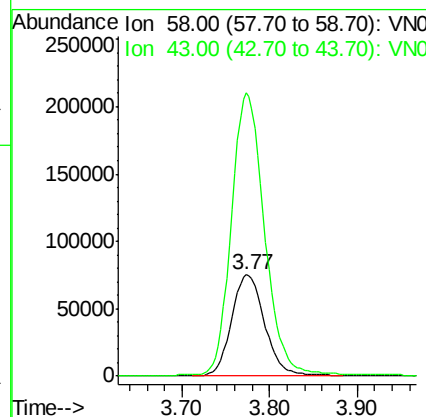
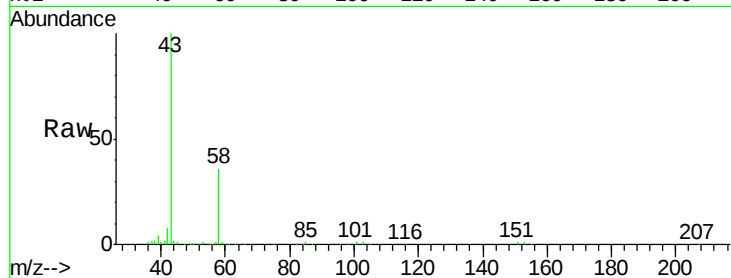
VSTDIC100

Tgt Ion: 58 Resp: 198638

Ion Ratio Lower Upper

58 100

43 278.9 213.7 320.5



#16

Carbon Disulfide

Concen: 78.58 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061732.D

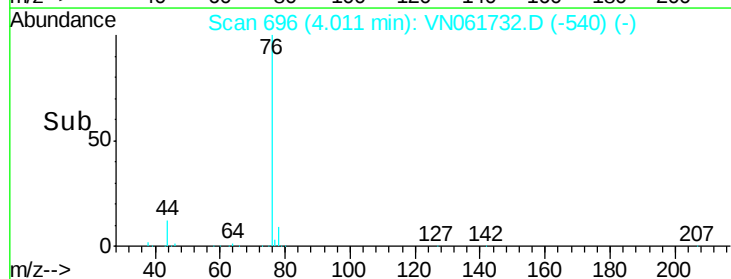
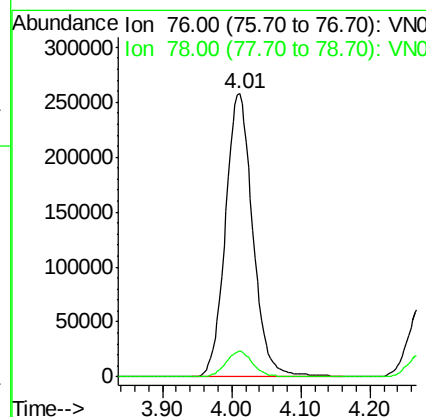
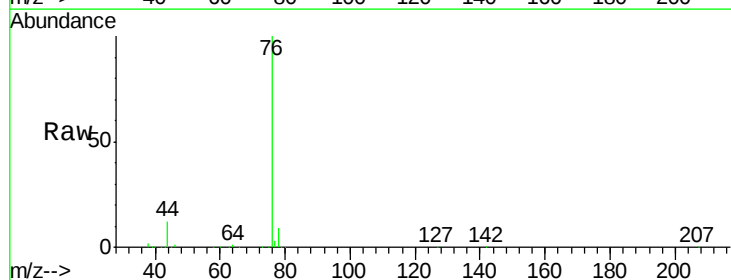
Acq: 10 Jun 2020 11:41

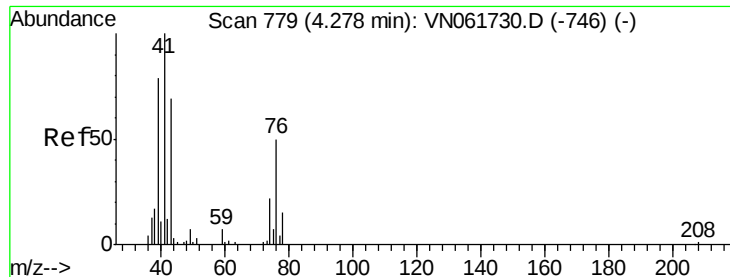
Tgt Ion: 76 Resp: 708852

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4





#17

Allyl chloride

Concen: 65.61 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

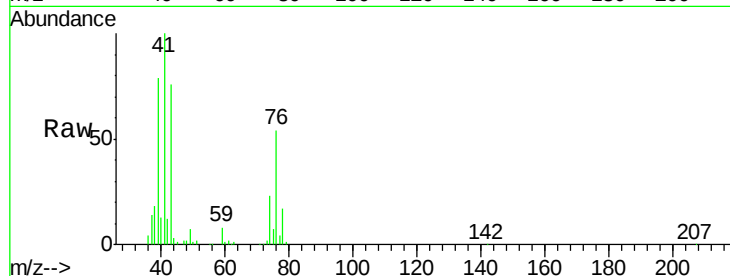
Tgt Ion: 41 Resp: 409235

Ion Ratio Lower Upper

41 100

39 79.3 39.5 118.5

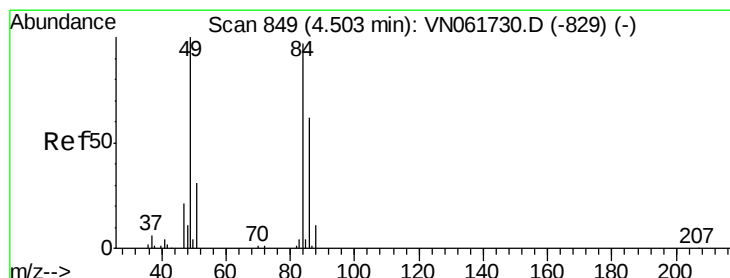
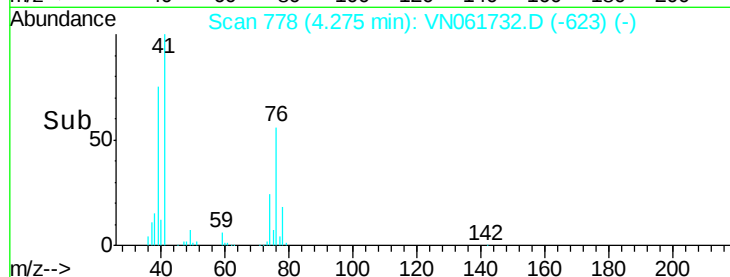
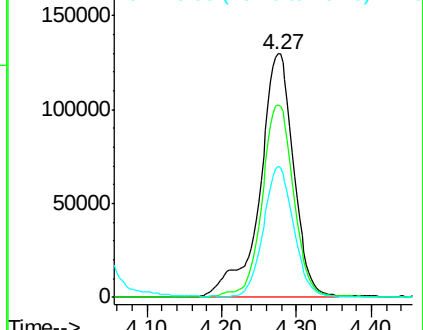
76 53.4 24.9 74.7



Abundance Ion 41.00 (40.70 to 41.70): VN061732.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN061732.D (-746) (-)

Ion 76.00 (75.70 to 76.70): VN061732.D (-746) (-)



#18

Methylene Chloride

Concen: 94.92 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Tgt Ion: 84 Resp: 383412

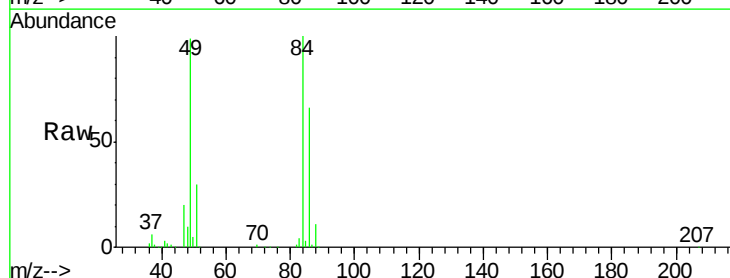
Ion Ratio Lower Upper

84 100

49 99.2 82.6 124.0

51 30.3 25.4 38.0

86 65.6 51.5 77.3

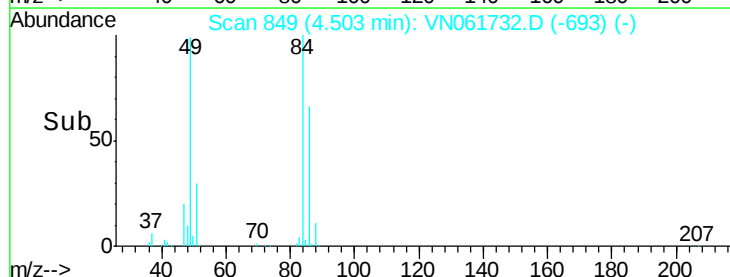
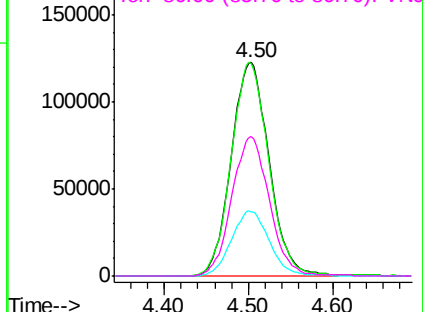


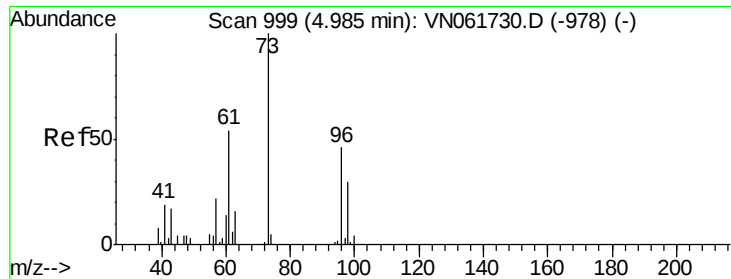
Abundance Ion 84.00 (83.70 to 84.70): VN061732.D (-829) (-)

Ion 49.00 (48.70 to 49.70): VN061732.D (-829) (-)

Ion 51.00 (50.70 to 51.70): VN061732.D (-829) (-)

Ion 86.00 (85.70 to 86.70): VN061732.D (-829) (-)

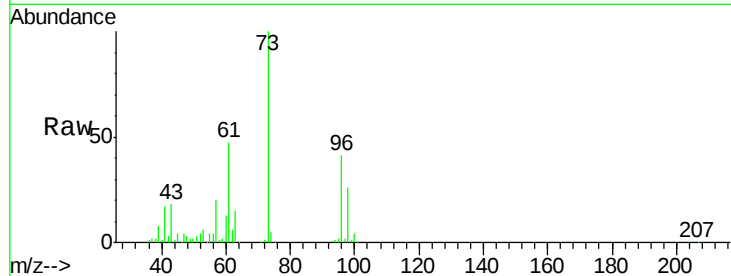




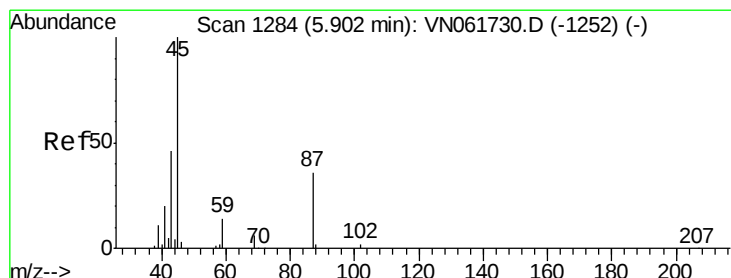
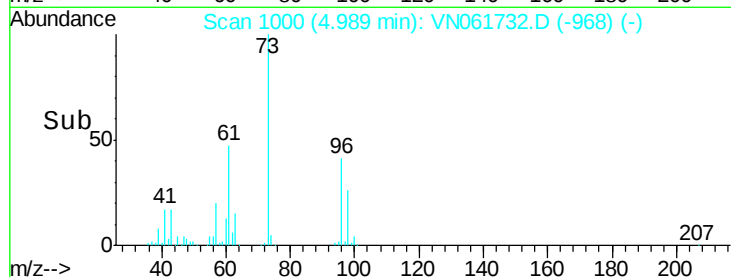
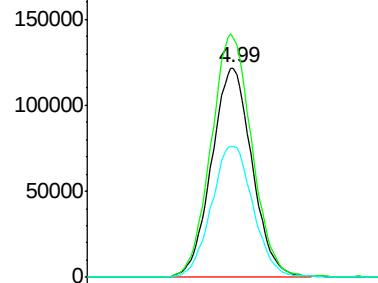
#19
trans-1,2-Dichloroethene
Concen: 96.93 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 384436
Ion Ratio Lower Upper
96 100
61 114.9 95.4 143.0
98 62.8 52.6 79.0

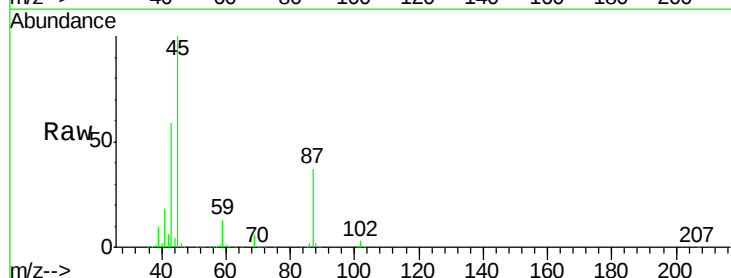


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

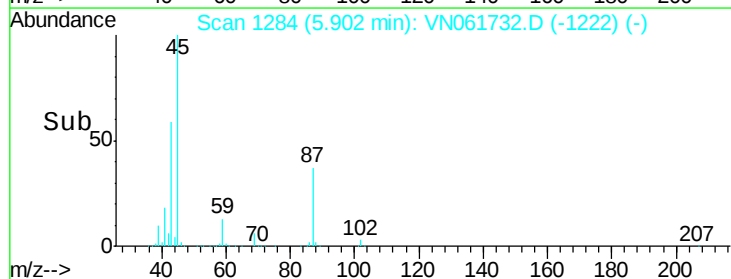
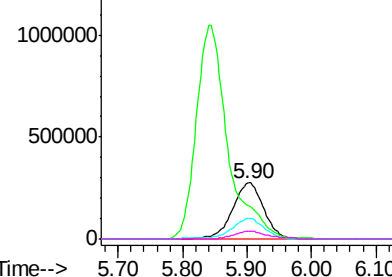


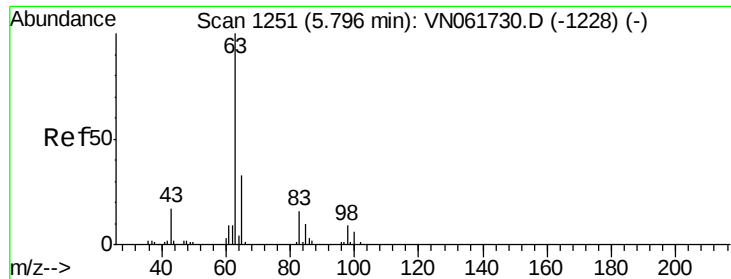
#20
Diisopropyl ether
Concen: 64.20 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 45 Resp: 929446
Ion Ratio Lower Upper
45 100
43 58.0 50.7 76.1
87 36.7 30.1 45.1
59 13.1 11.0 16.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 78.14 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

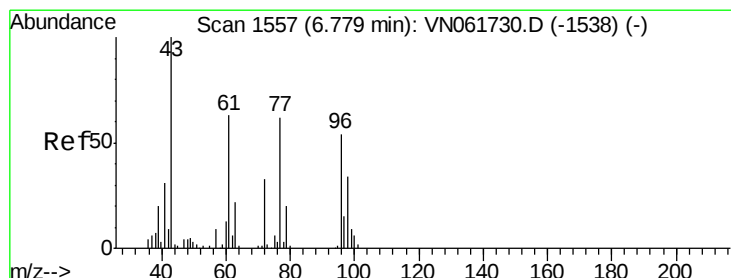
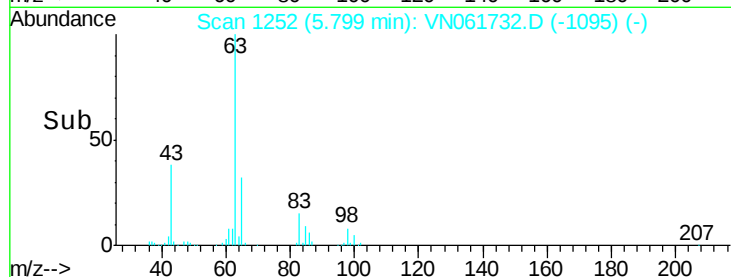
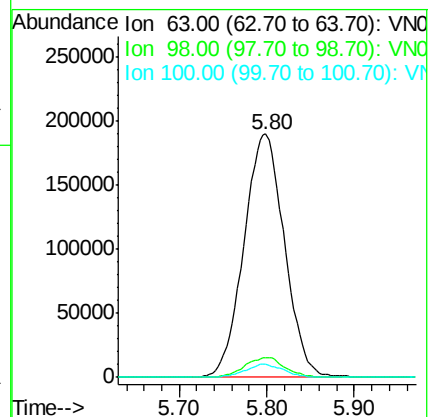
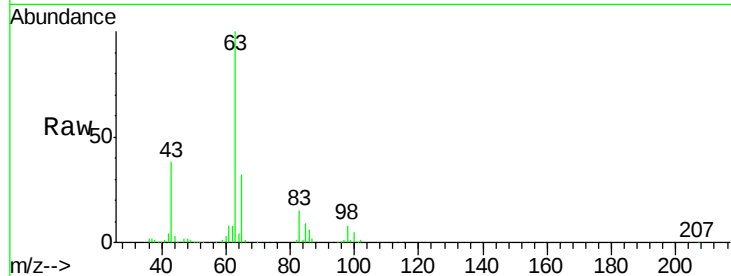
Tgt Ion: 63 Resp: 609611

Ion Ratio Lower Upper

63 100

98 8.2 4.5 13.7

100 5.2 2.9 8.7



#22

cis-1,2-Dichloroethene

Concen: 97.20 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

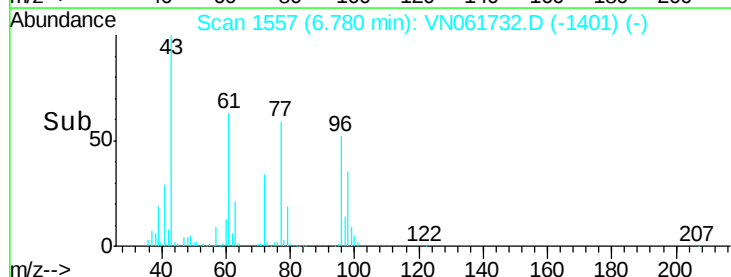
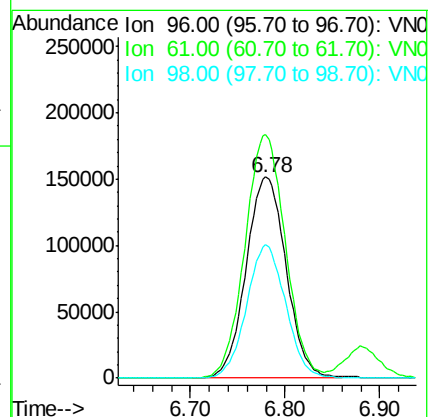
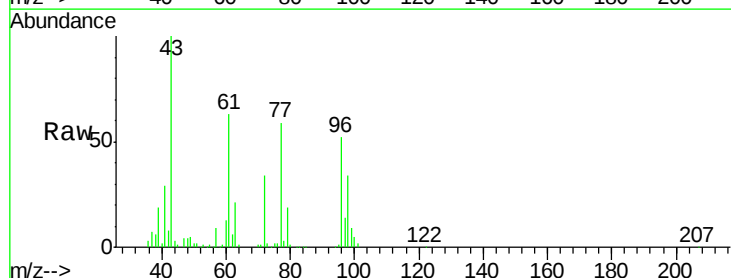
Tgt Ion: 96 Resp: 446945

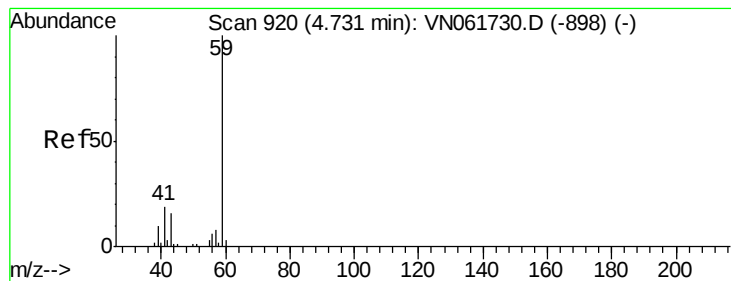
Ion Ratio Lower Upper

96 100

61 121.6 100.6 151.0

98 64.5 52.6 79.0





#23

tert-Butyl Alcohol

Concen: 464.67 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

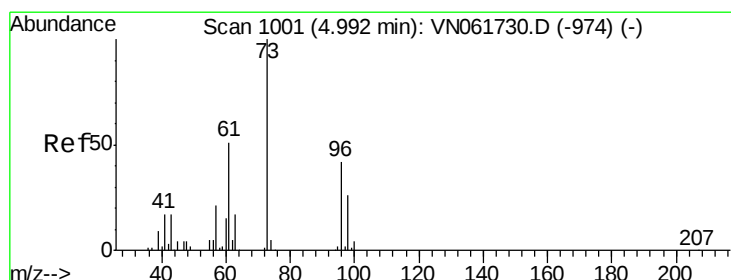
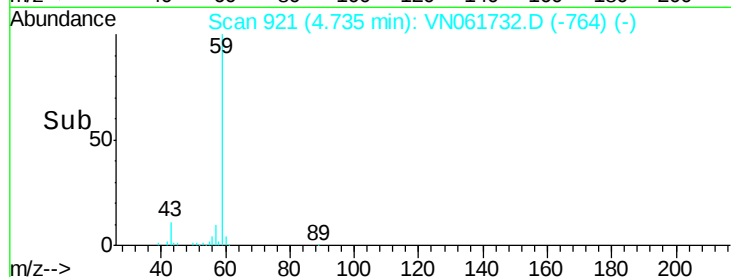
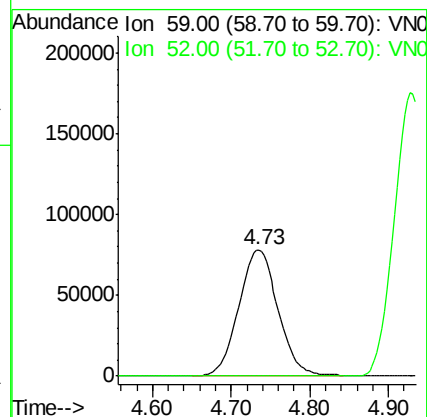
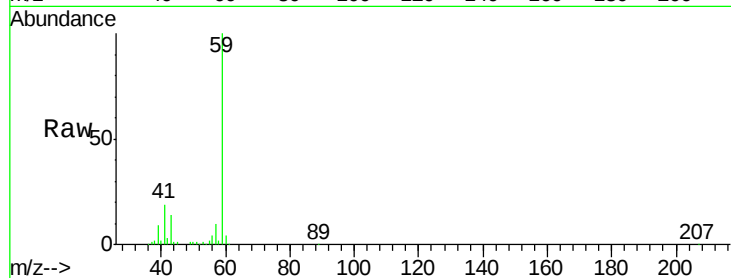
VSTDIC100

Tgt Ion: 59 Resp: 273209

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 83.97 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN061732.D

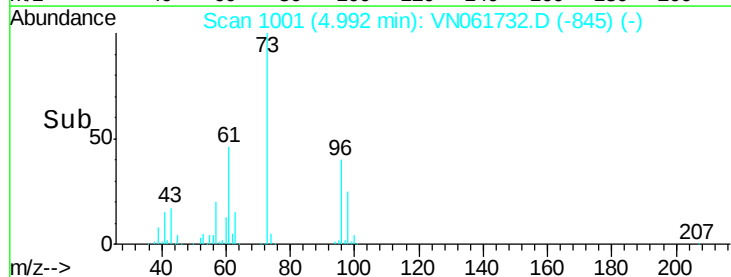
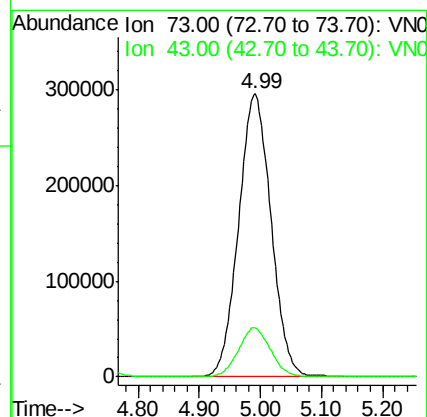
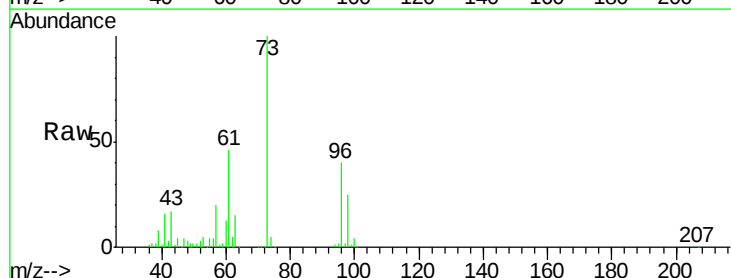
Acq: 10 Jun 2020 11:41

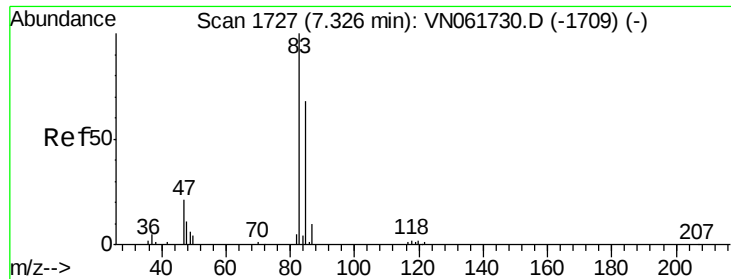
Tgt Ion: 73 Resp: 1094276

Ion Ratio Lower Upper

73 100

43 16.9 7.0 10.4#





#25

Chloroform

Concen: 88.17 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

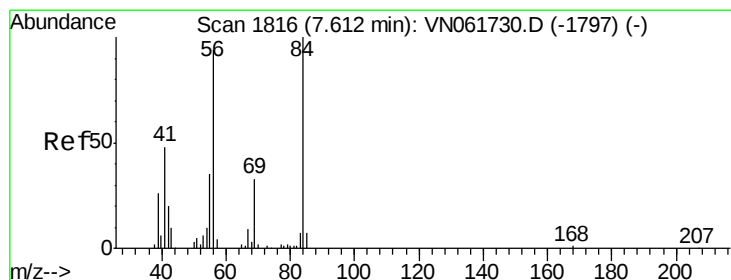
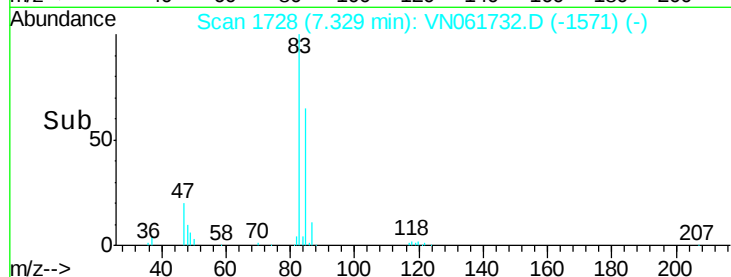
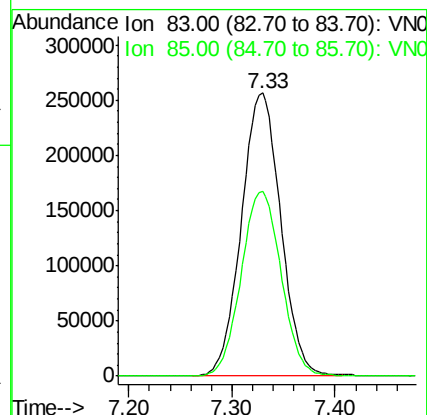
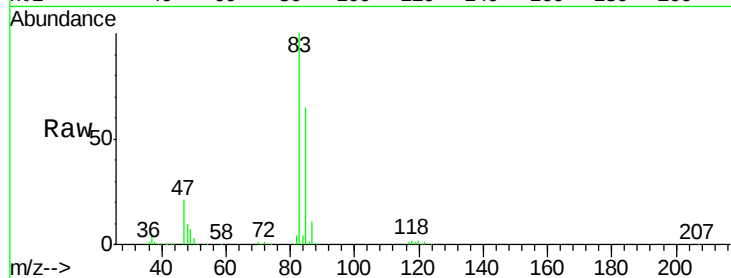
VSTDICC100

Tgt Ion: 83 Resp: 681234

Ion Ratio Lower Upper

83 100

85 65.1 54.2 81.4



#26

Cyclohexane

Concen: 69.05 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

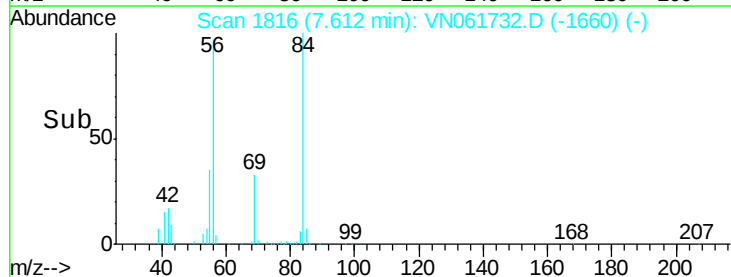
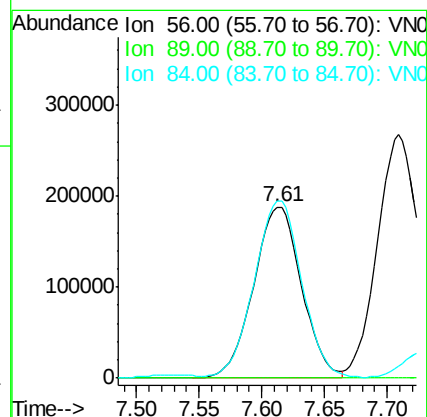
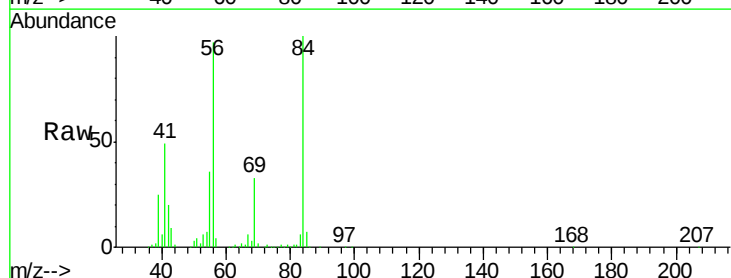
Tgt Ion: 56 Resp: 500669

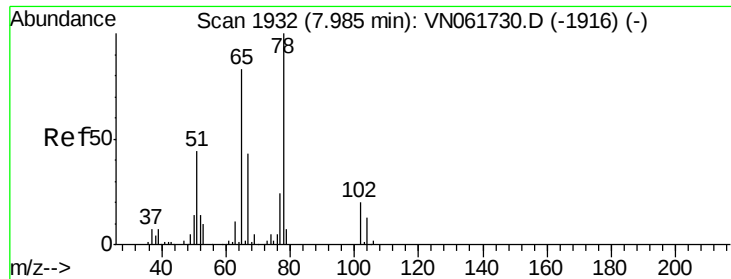
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 103.3 83.5 125.3

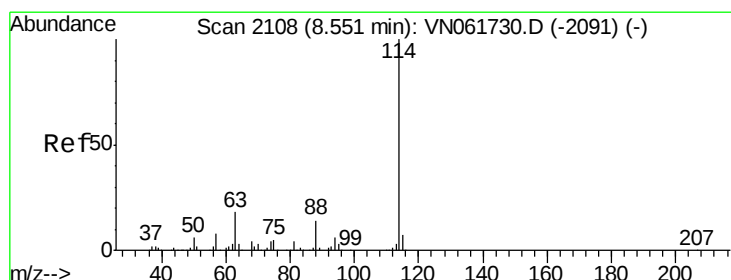
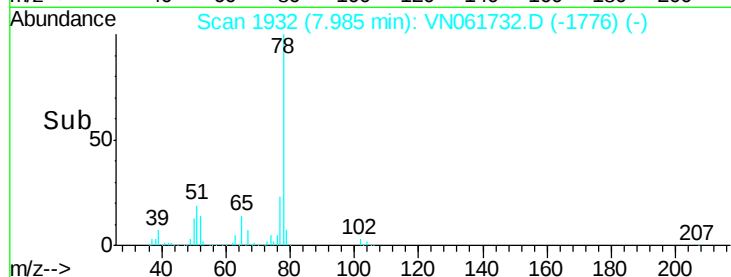
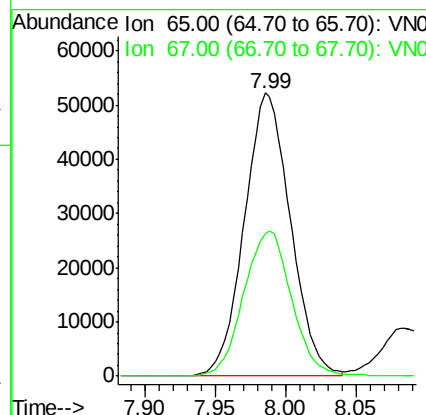
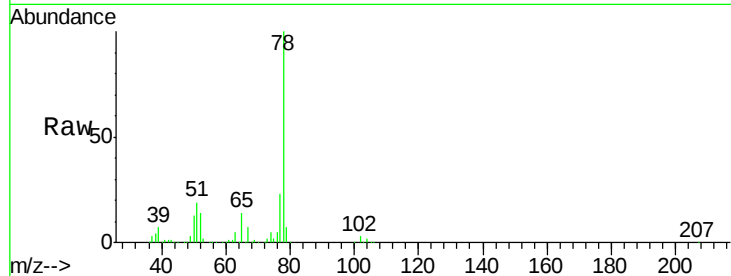




#27
 1,2-Dichloroethane-d4
 Concen: 22.21 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

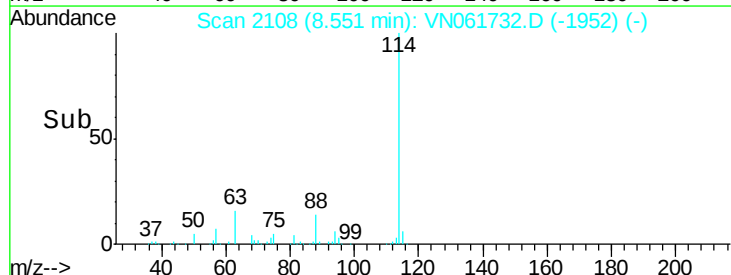
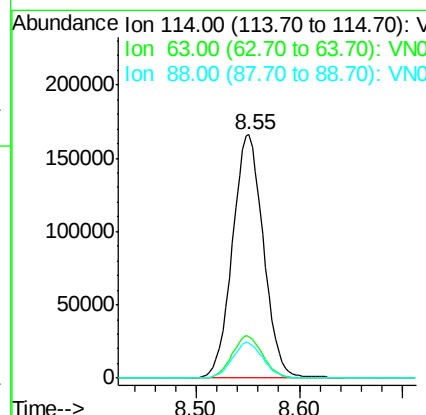
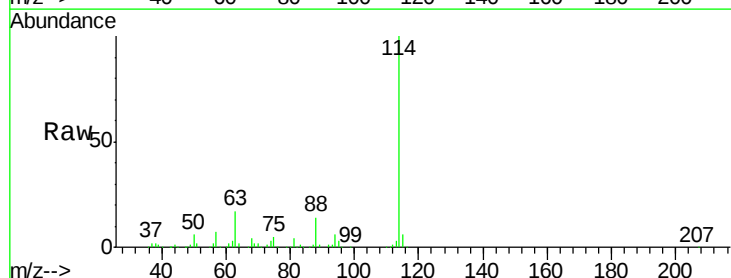
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

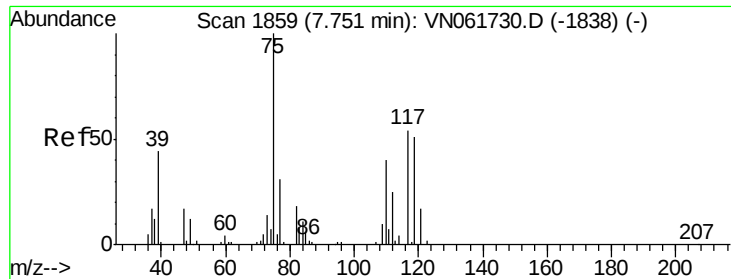
Tgt Ion: 65 Resp: 119369
 Ion Ratio Lower Upper
 65 100
 67 52.9 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion: 114 Resp: 348090
 Ion Ratio Lower Upper
 114 100
 63 17.1 14.2 21.2
 88 14.5 11.4 17.2

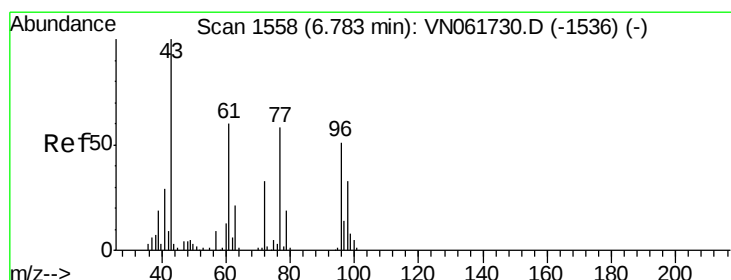
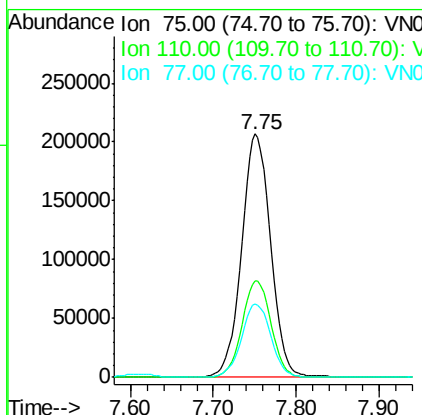
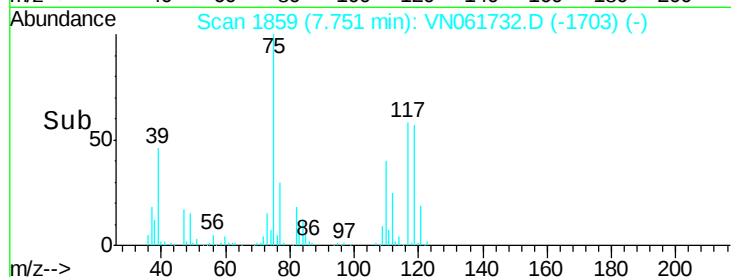
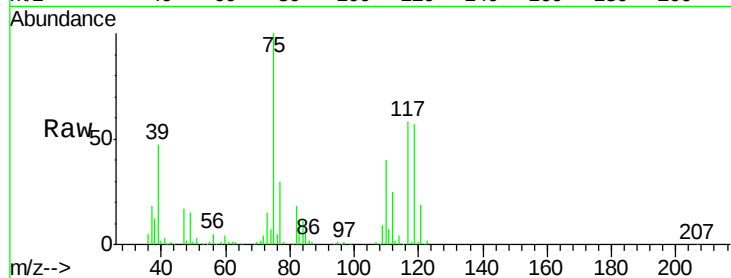




#29
 1,1-Dichloropropene
 Concen: 87.33 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

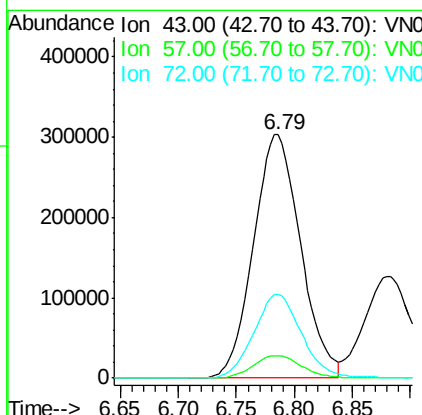
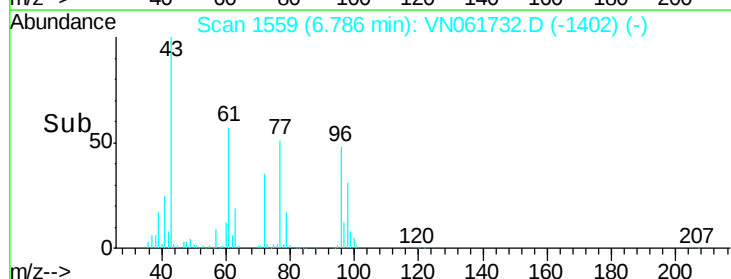
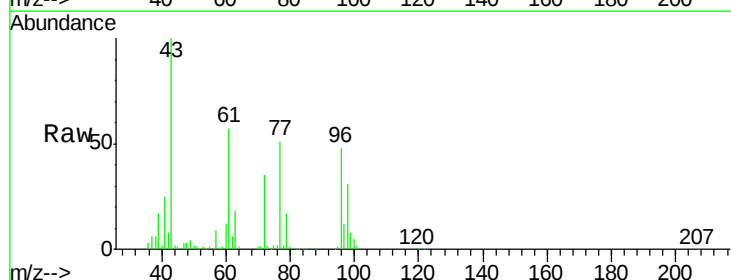
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

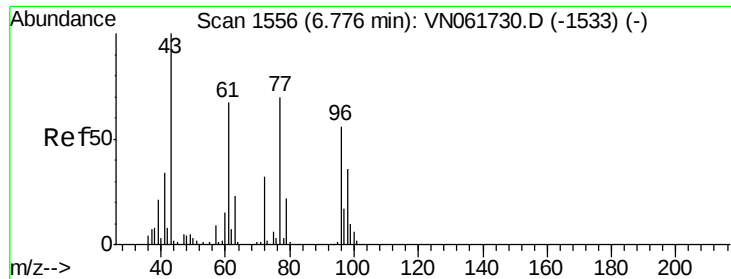
Tgt Ion: 75 Resp: 503258
 Ion Ratio Lower Upper
 75 100
 110 39.4 0.0 78.6
 77 30.3 0.0 62.4



#30
 2-Butanone
 Concen: 362.08 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion: 43 Resp: 854047
 Ion Ratio Lower Upper
 43 100
 57 9.5 7.6 11.4
 72 35.0 27.8 41.6





#31

2,2-Dichloropropane

Concen: 83.64 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

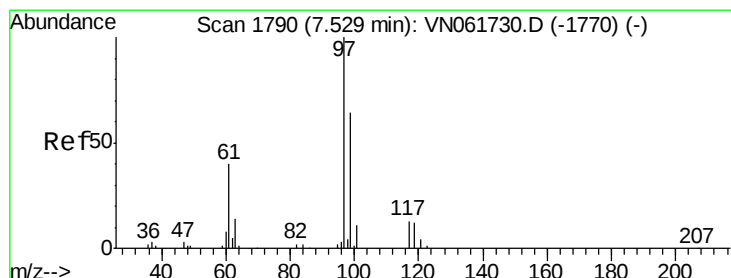
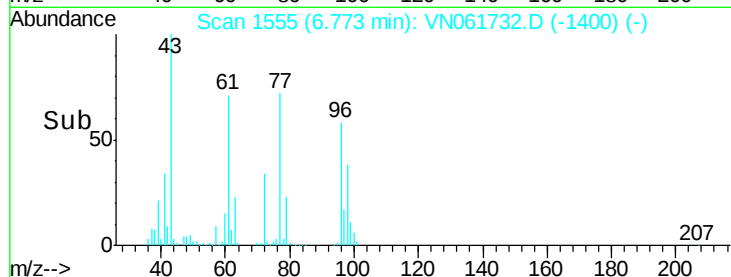
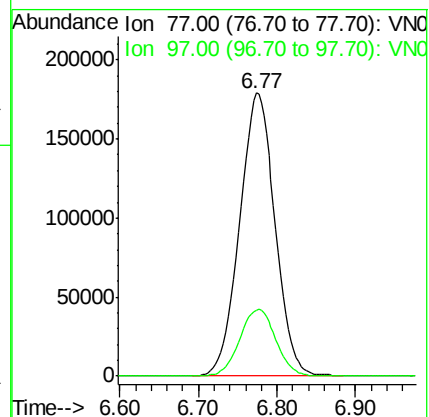
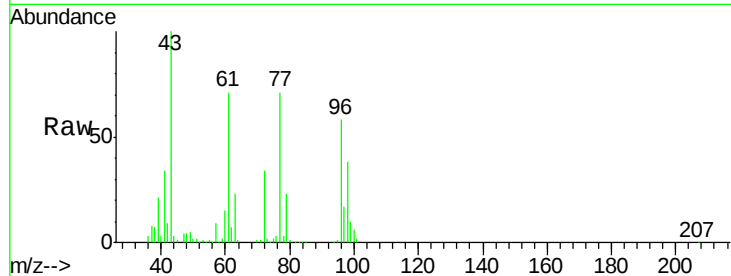
VSTDIC100

Tgt Ion: 77 Resp: 564125

Ion Ratio Lower Upper

77 100

97 24.2 19.6 29.4



#32

1,1,1-Trichloroethane

Concen: 93.43 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

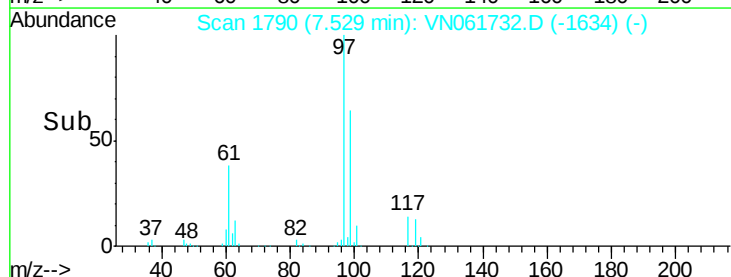
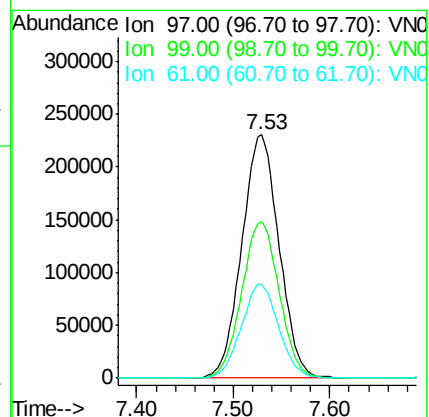
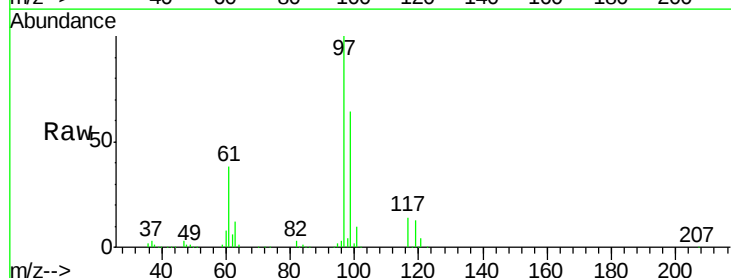
Tgt Ion: 97 Resp: 616233

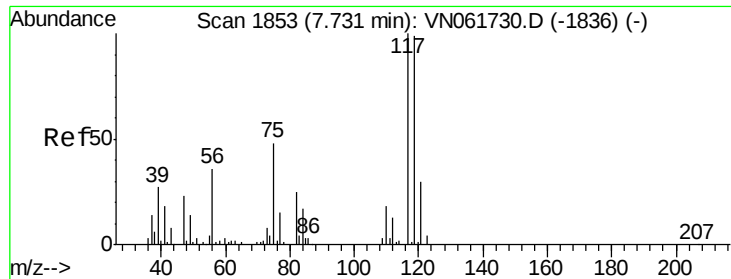
Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 38.9 32.3 48.5

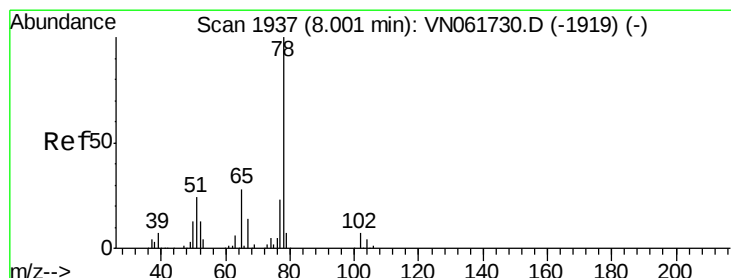
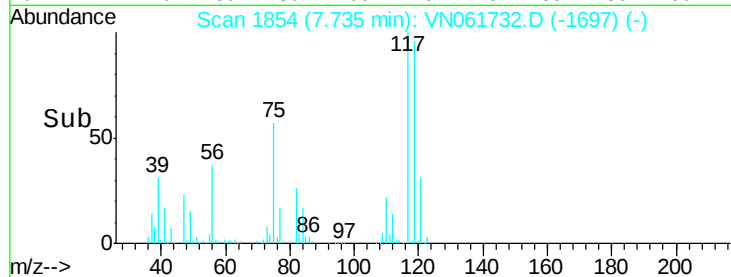
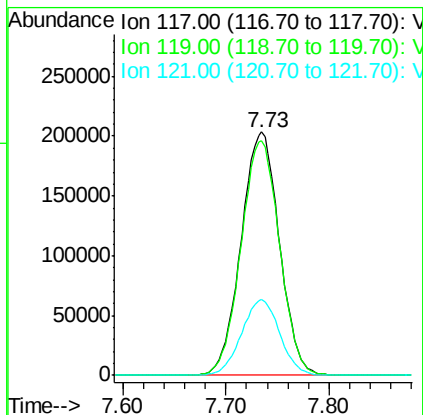
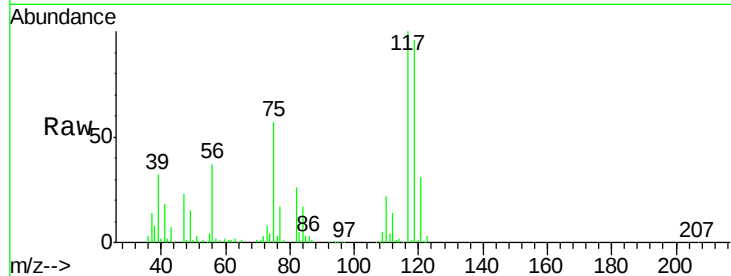




#33
Carbon Tetrachloride
Concen: 102.67 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

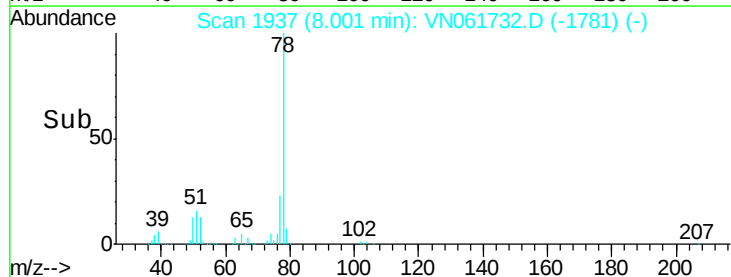
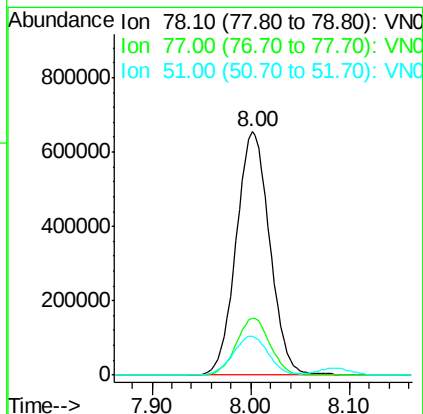
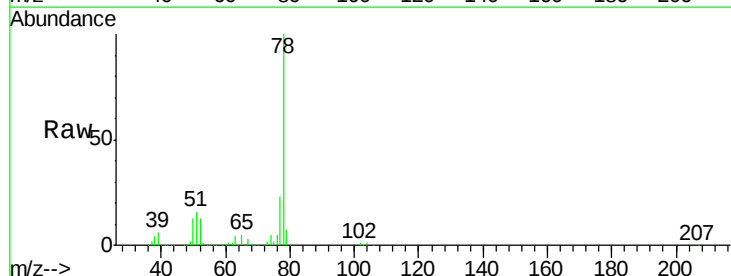
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

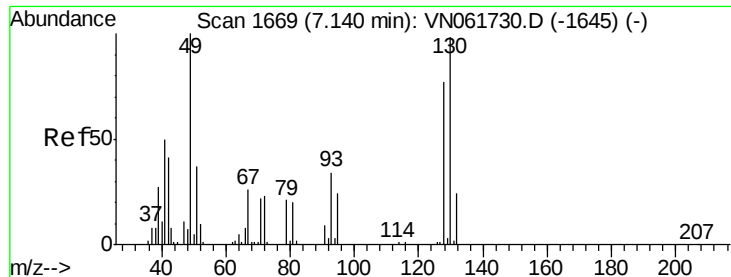
Tgt Ion:117 Resp: 524870
Ion Ratio Lower Upper
117 100
119 96.4 79.3 118.9
121 31.0 24.2 36.4



#34
Benzene
Concen: 93.36 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 78 Resp: 1542893
Ion Ratio Lower Upper
78 100
77 23.4 18.4 27.6
51 16.1 19.1 28.7#

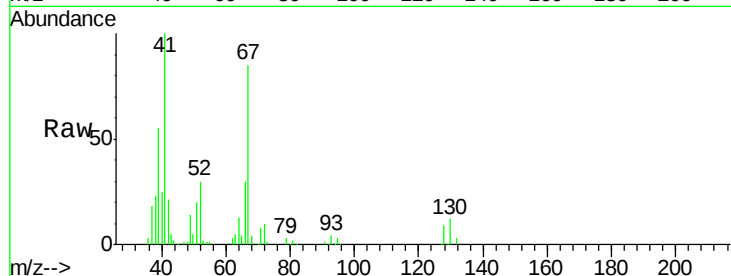




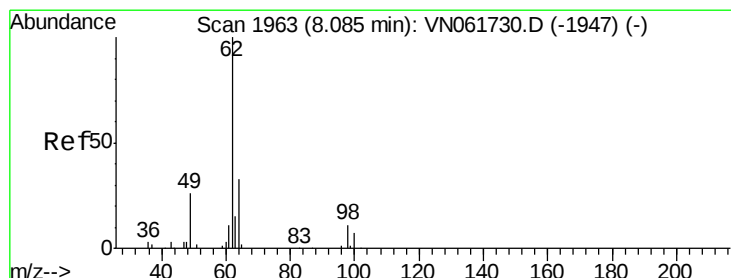
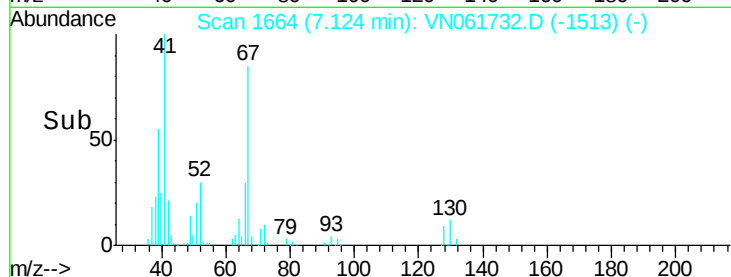
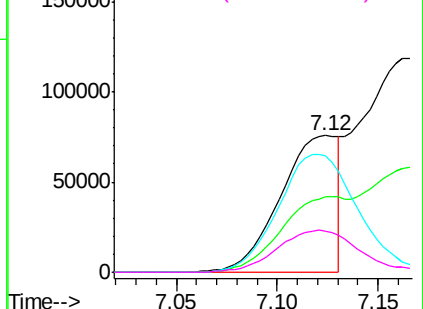
#35
Methacrylonitrile
Concen: 66.19 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.02 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 149978
Ion Ratio Lower Upper
41 100
39 55.1 26.5 79.5
67 85.0 25.4 76.2#
52 30.1 10.4 31.2

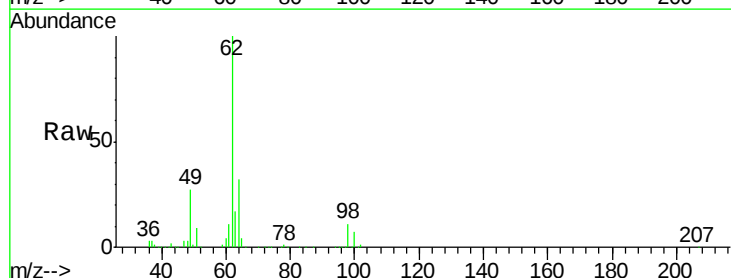


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

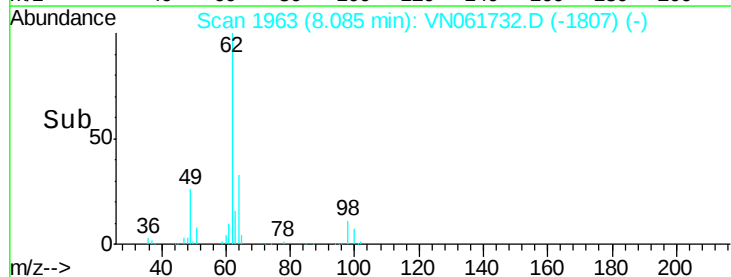
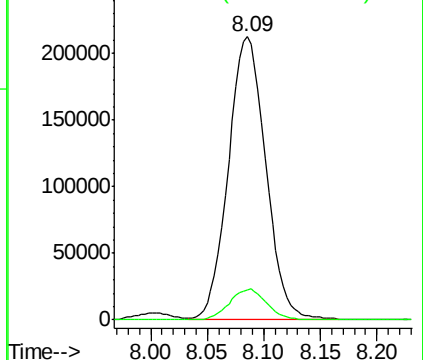


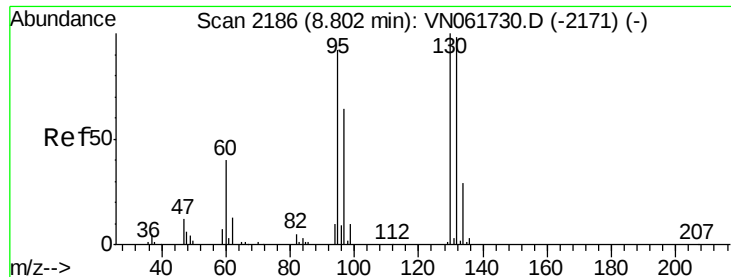
#36
1,2-Dichloroethane
Concen: 79.18 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 62 Resp: 487344
Ion Ratio Lower Upper
62 100
98 10.9 9.4 14.2



Abundance Ion 62.00 (61.70 to 62.70): VNC
Ion 98.00 (97.70 to 98.70): VNC





#37

Trichloroethene

Concen: 112.68 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

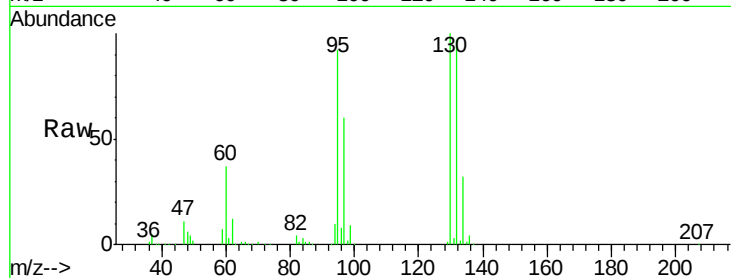
VSTDIC100

Tgt Ion:130 Resp: 479732

Ion Ratio Lower Upper

130 100

95 92.4 73.9 110.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VNO

8.80

250000

200000

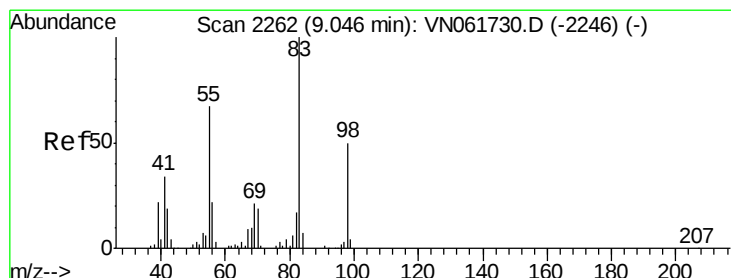
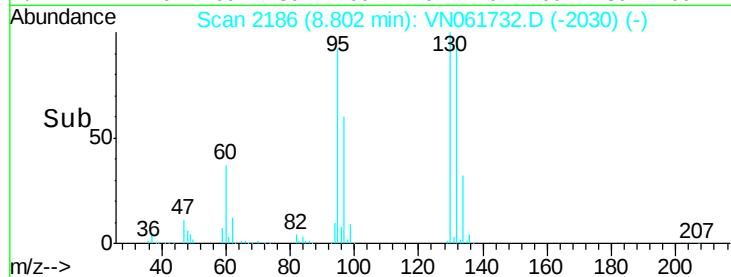
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 84.57 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

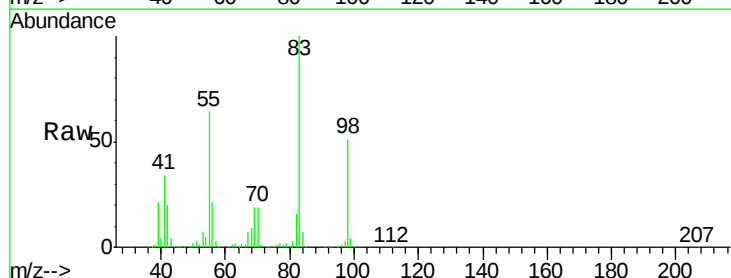
Tgt Ion: 83 Resp: 579611

Ion Ratio Lower Upper

83 100

55 64.2 32.7 98.1

98 50.3 25.4 76.4



Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

9.05

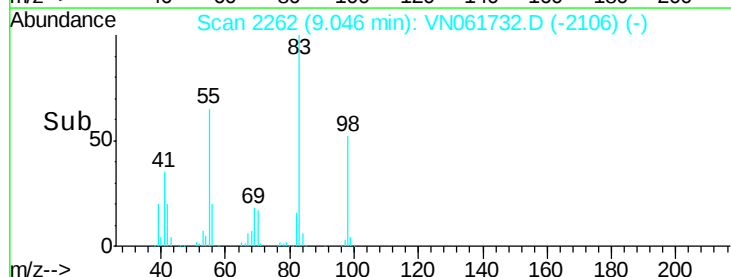
300000

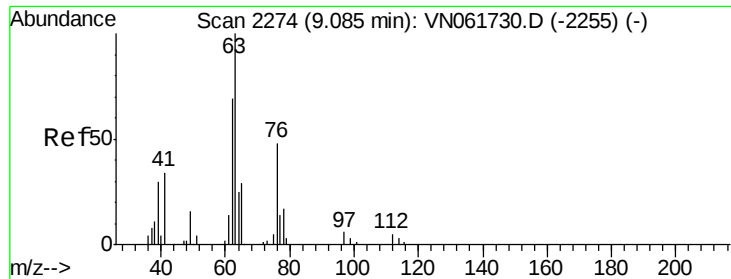
200000

100000

0

Time-->

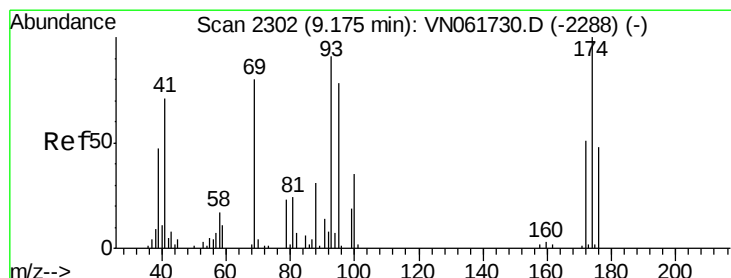
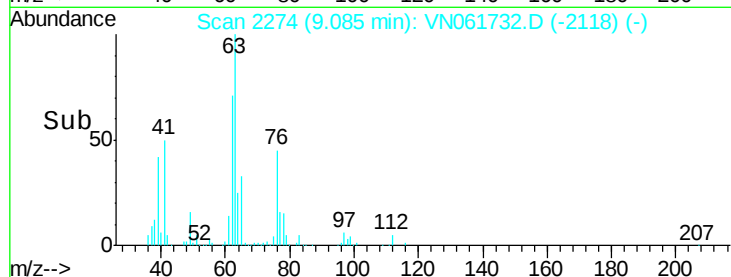
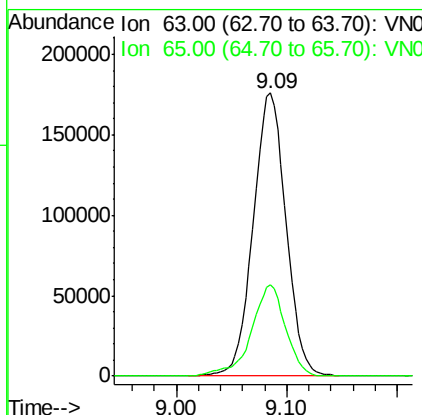
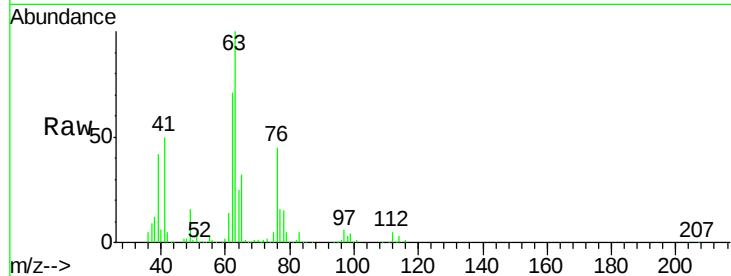




#39
 1,2-Dichloropropane
 Concen: 82.17 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

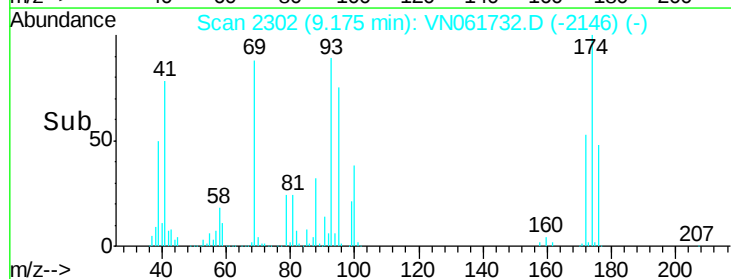
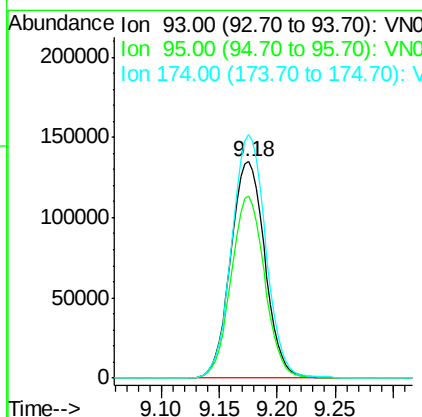
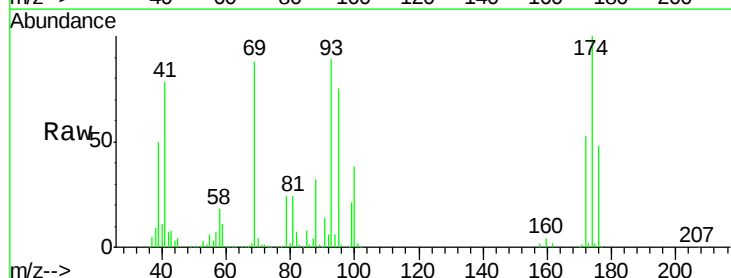
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

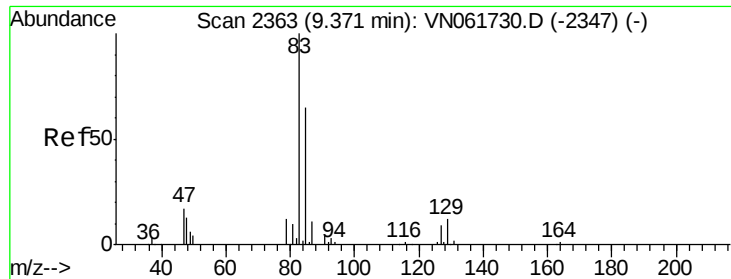
Tgt Ion: 63 Resp: 363237
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.3 36.5



#40
 Dibromomethane
 Concen: 97.52 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion: 93 Resp: 277084
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 165.8
 174 111.4 0.0 217.8

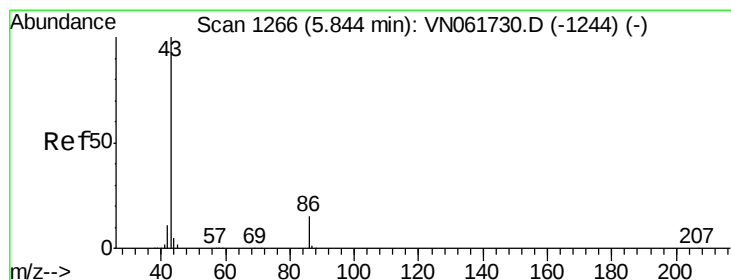
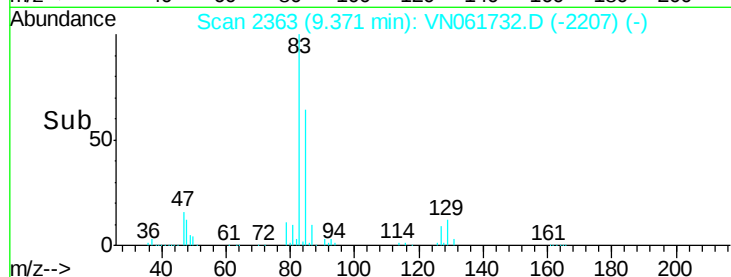
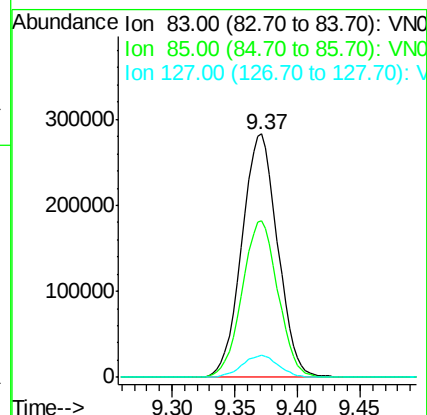
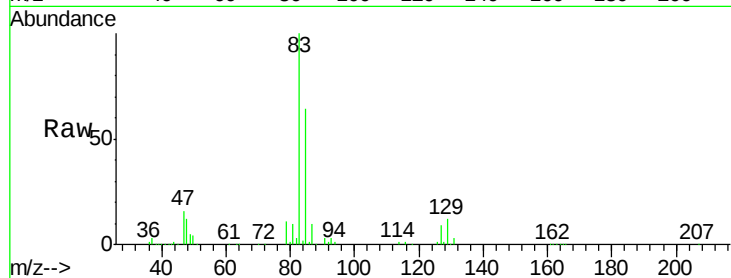




#41
 Bromodichloromethane
 Concen: 92.50 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

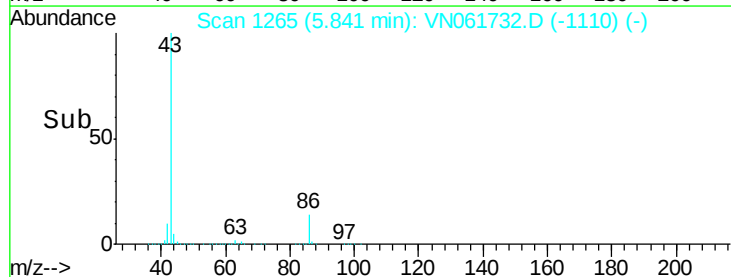
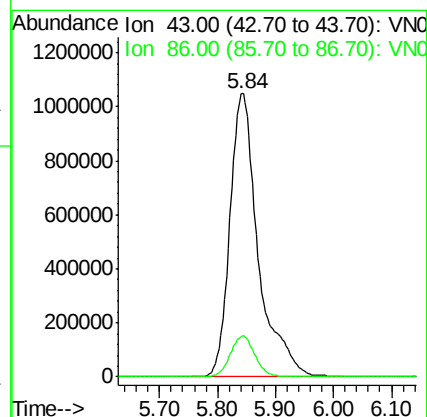
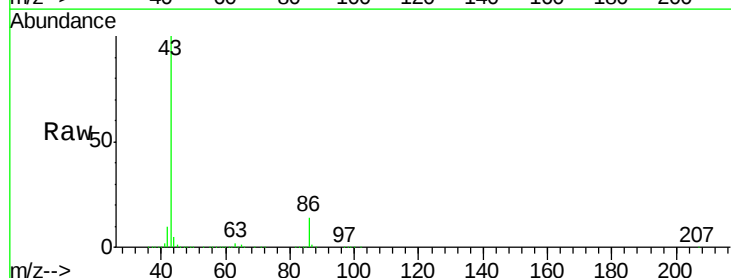
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

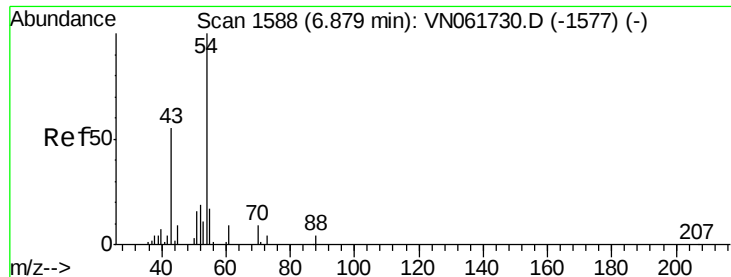
Tgt Ion: 83 Resp: 561169
 Ion Ratio Lower Upper
 83 100
 85 64.3 52.2 78.4
 127 9.0 7.2 10.8



#42
 Vinyl Acetate
 Concen: 323.09 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion: 43 Resp: 3573597
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0





#43

Ethyl Acetate

Concen: 74.74 ug/l

RT: 6.88 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

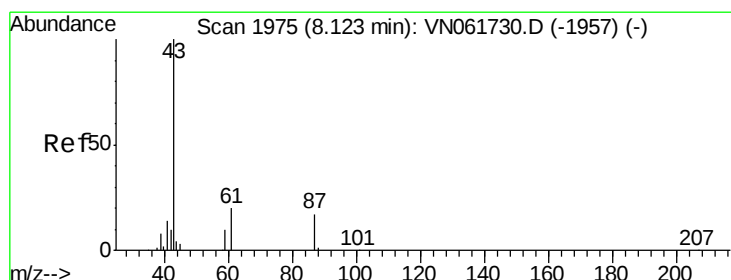
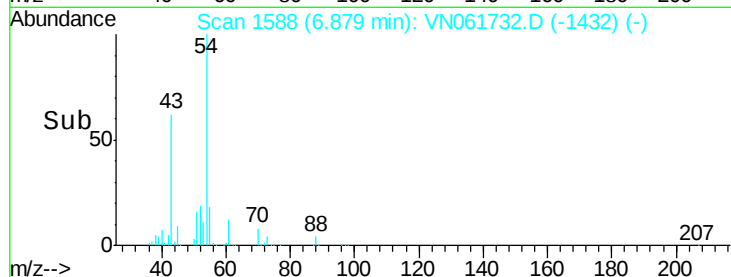
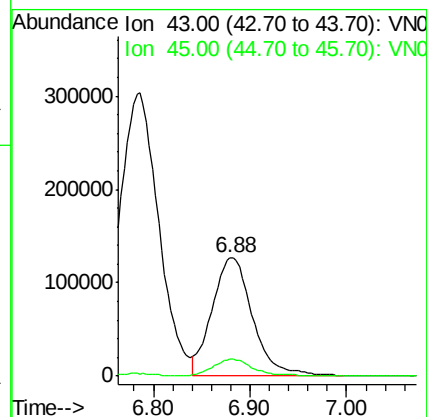
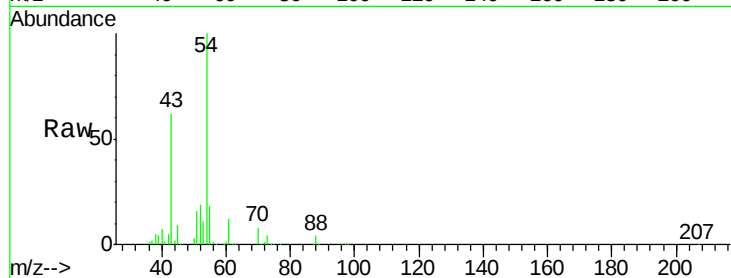
VSTDIC100

Tgt Ion: 43 Resp: 364450

Ion Ratio Lower Upper

43 100

45 13.4 11.4 17.2



#44

Isopropyl Acetate

Concen: 66.30 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061732.D

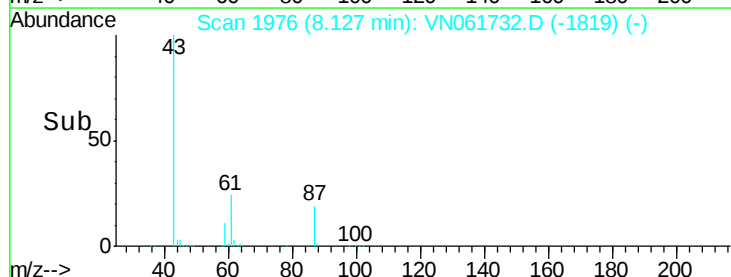
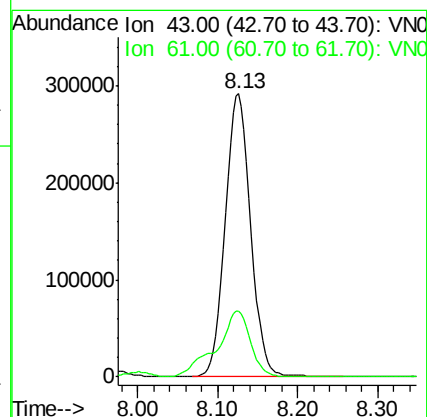
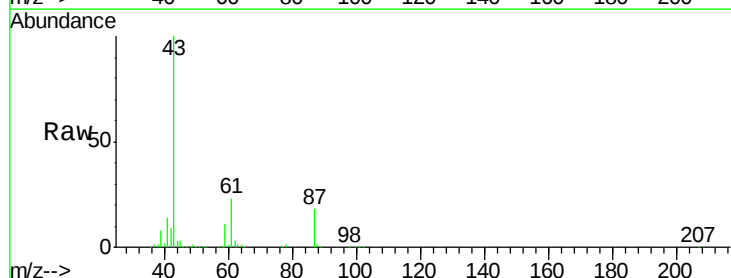
Acq: 10 Jun 2020 11:41

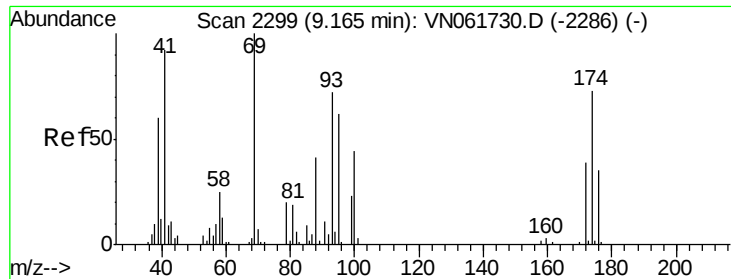
Tgt Ion: 43 Resp: 637394

Ion Ratio Lower Upper

43 100

61 23.6 18.9 28.3





#45

1,4-Dioxane

Concen: 2996.98 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

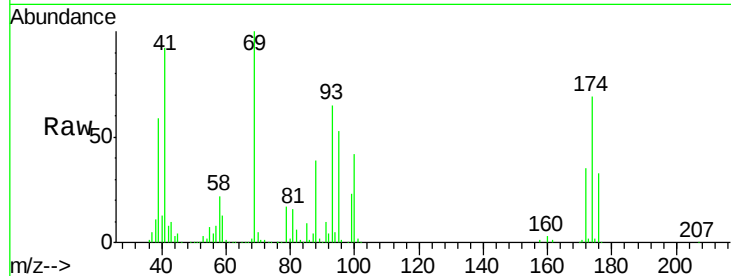
Tgt Ion: 88 Resp: 133882

Ion Ratio Lower Upper

88 100

43 24.3 21.8 32.8

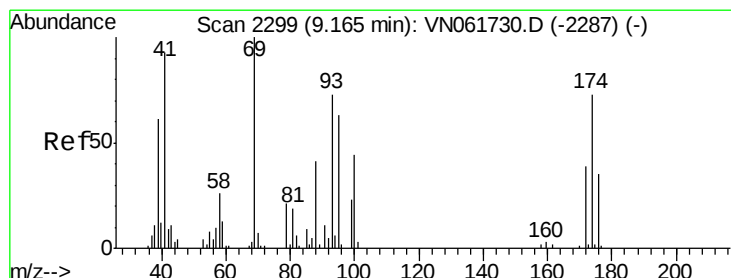
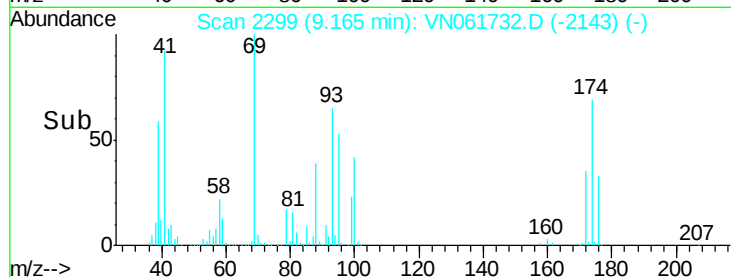
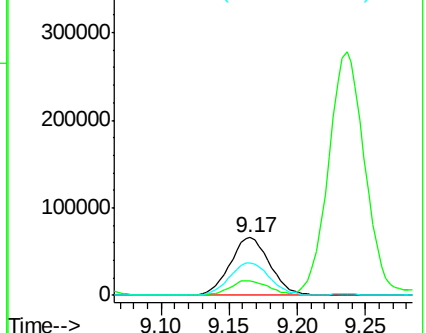
58 57.2 48.4 72.6



Abundance Ion 88.00 (87.70 to 88.70): VN061732.D (-2143) (-)

Ion 43.00 (42.70 to 43.70): VN061732.D (-2143) (-)

Ion 58.00 (57.70 to 58.70): VN061732.D (-2143) (-)



#46

Methyl methacrylate

Concen: 63.60 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

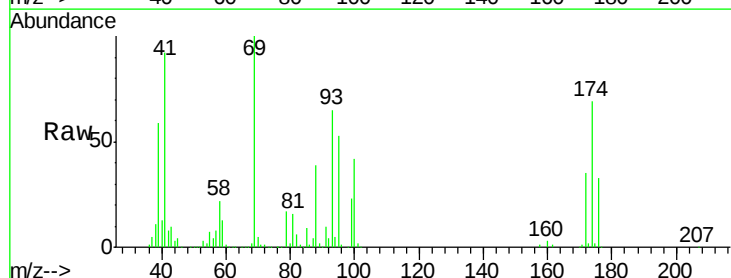
Tgt Ion: 41 Resp: 284046

Ion Ratio Lower Upper

41 100

69 109.5 53.8 161.4

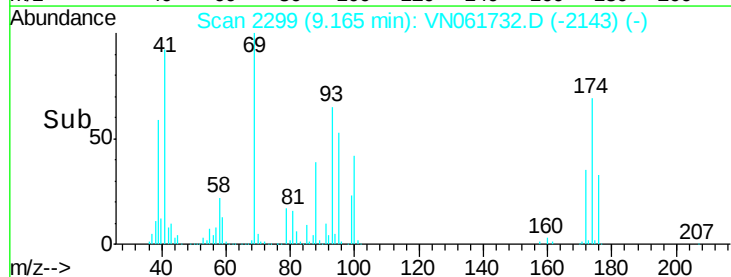
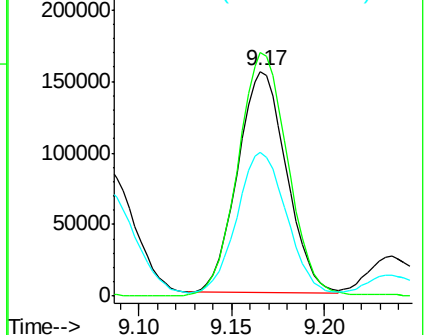
39 63.6 33.0 98.9

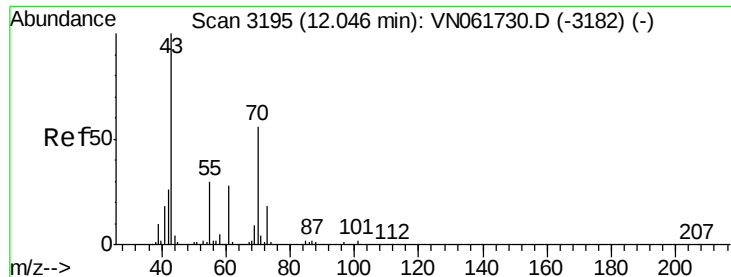


Abundance Ion 41.00 (40.70 to 41.70): VN061732.D (-2143) (-)

Ion 69.00 (68.70 to 69.70): VN061732.D (-2143) (-)

Ion 39.00 (38.70 to 39.70): VN061732.D (-2143) (-)





#47

n-amyl Acetate

Concen: 69.20 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

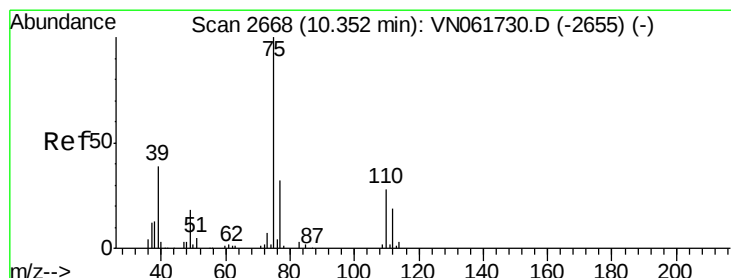
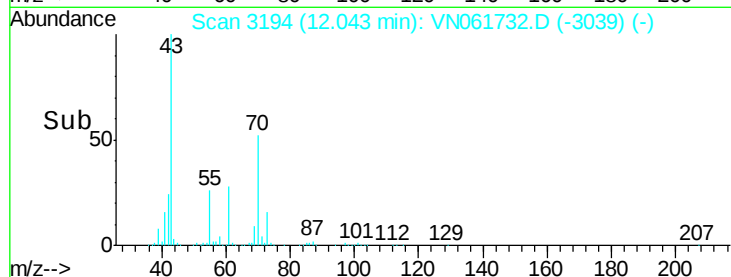
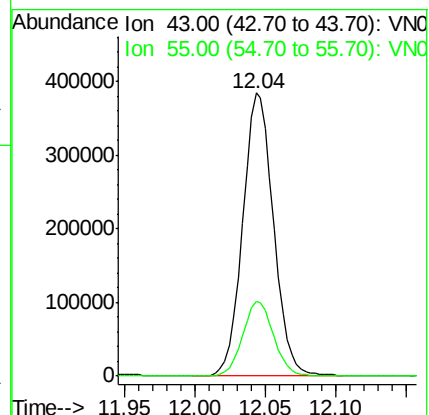
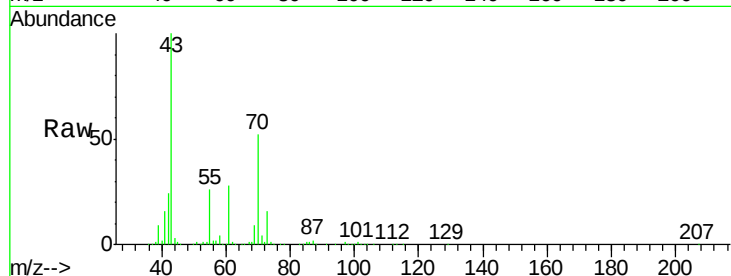
VSTDIC100

Tgt Ion: 43 Resp: 587516

Ion Ratio Lower Upper

43 100

55 26.6 22.7 34.1



#48

t-1,3-Dichloropropene

Concen: 87.16 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061732.D

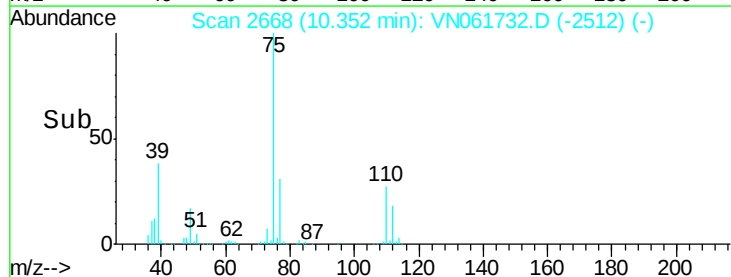
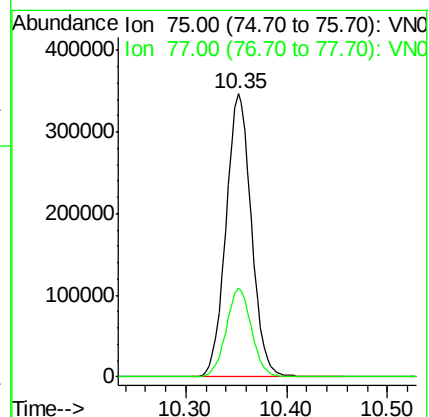
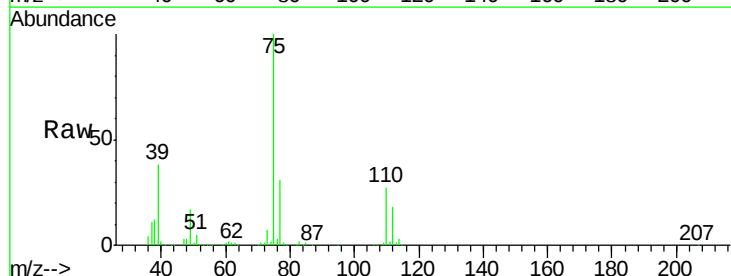
Acq: 10 Jun 2020 11:41

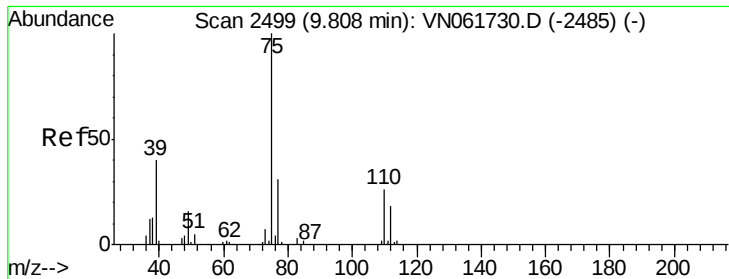
Tgt Ion: 75 Resp: 609520

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



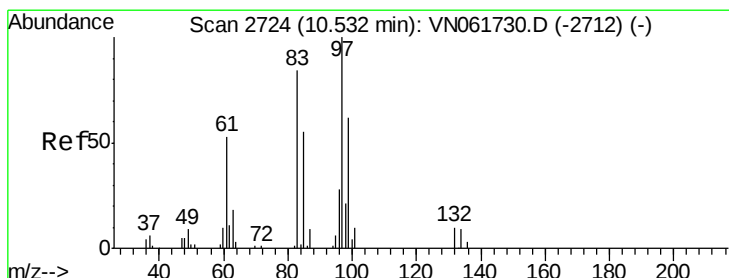
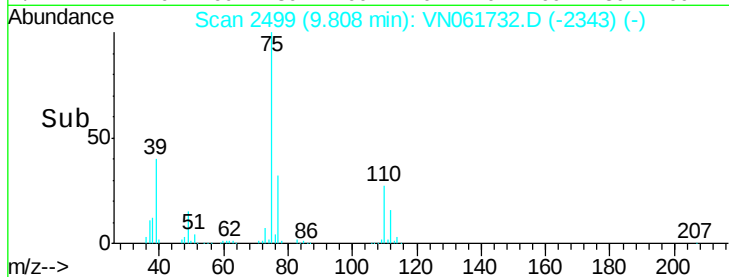
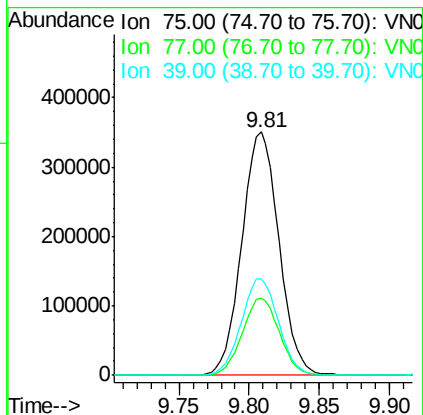
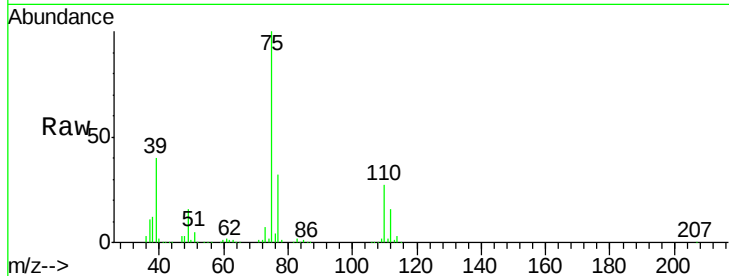


#49

cis-1,3-Dichloropropene
Concen: 86.53 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

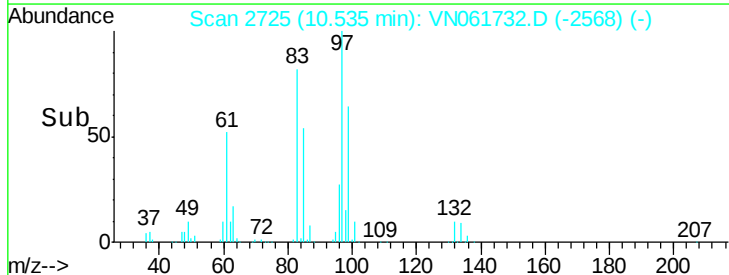
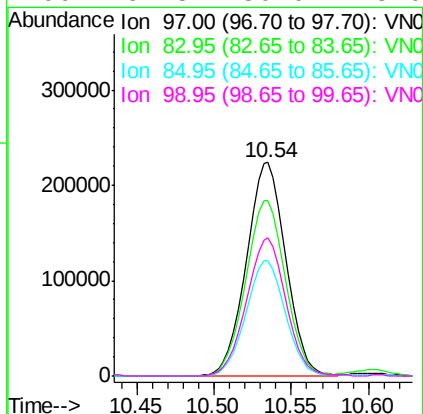
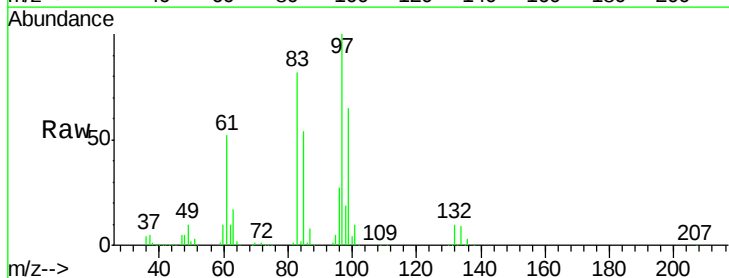
Tgt Ion: 75 Resp: 647021
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 39.7 31.8 47.6

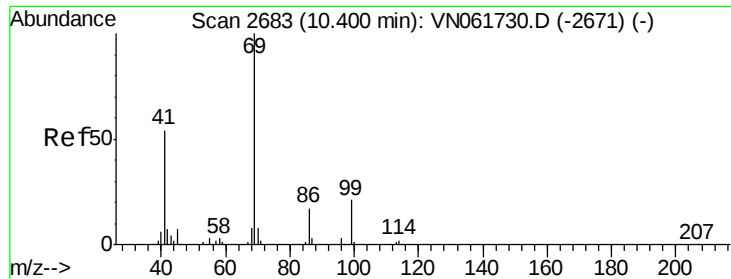


#50

1,1,2-Trichloroethane
Concen: 100.73 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 97 Resp: 397364
Ion Ratio Lower Upper
97 100
83 82.0 67.6 101.4
85 53.9 44.0 66.0
99 64.8 50.0 75.0





#51

Ethyl methacrylate

Concen: 87.38 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

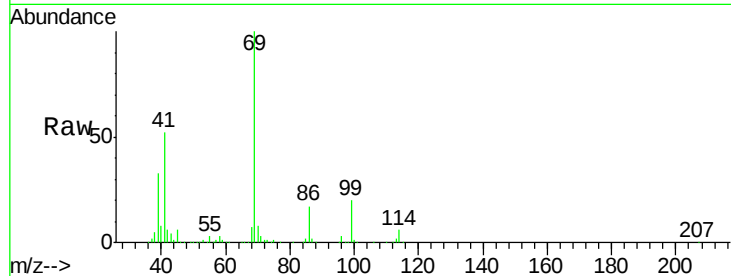
Tgt Ion: 69 Resp: 564550

Ion Ratio Lower Upper

69 100

41 51.8 26.9 80.7

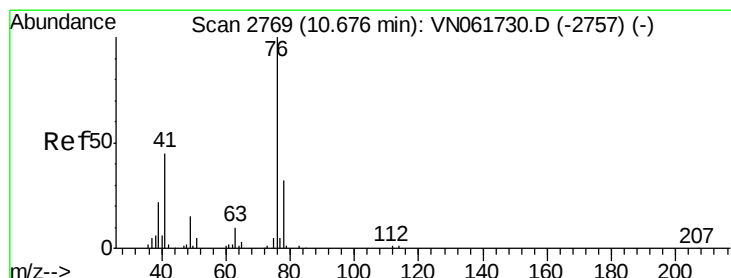
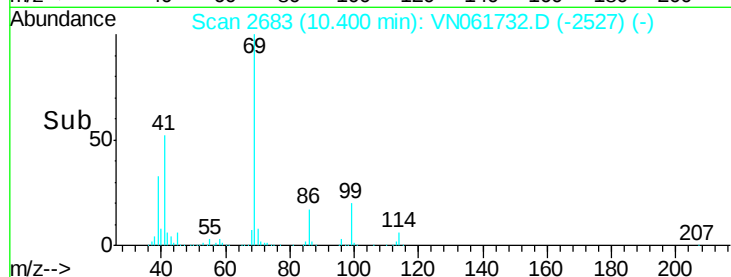
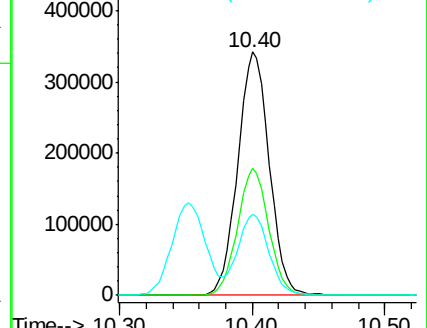
39 33.3 16.7 50.1



Abundance Ion 69.00 (68.70 to 69.70): VN061732.D (-2671) (-)

Ion 41.00 (40.70 to 41.70): VN061732.D (-2671) (-)

Ion 39.00 (38.70 to 39.70): VN061732.D (-2671) (-)



#52

1,3-Dichloropropane

Concen: 91.92 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061732.D

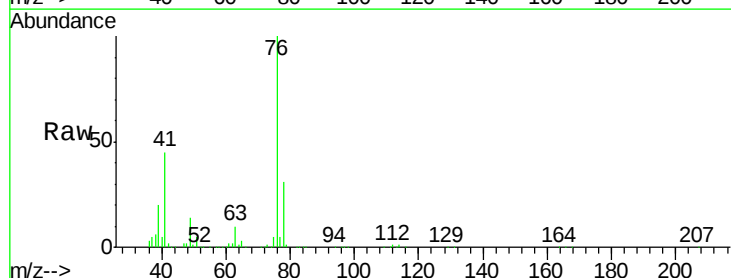
Acq: 10 Jun 2020 11:41

Tgt Ion: 76 Resp: 642190

Ion Ratio Lower Upper

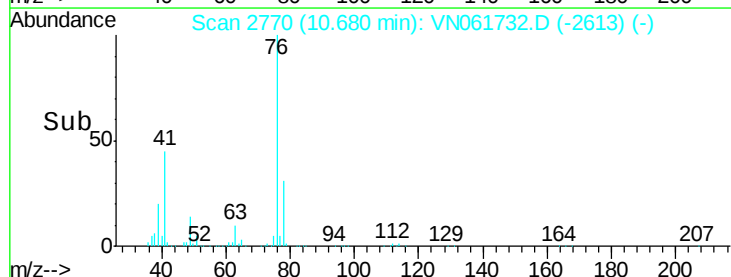
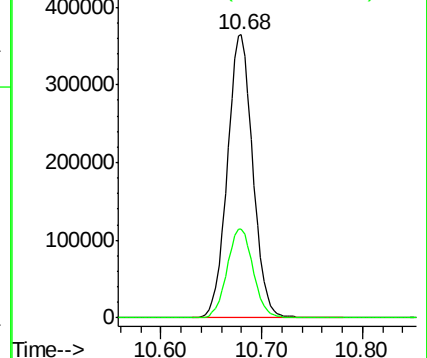
76 100

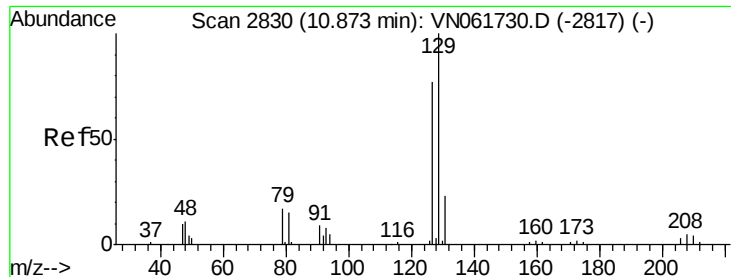
78 32.2 0.0 65.8



Abundance Ion 76.00 (75.70 to 76.70): VN061732.D (-2613) (-)

Ion 78.00 (77.70 to 78.70): VN061732.D (-2613) (-)

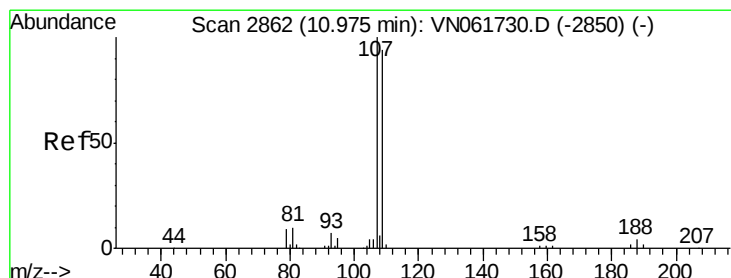
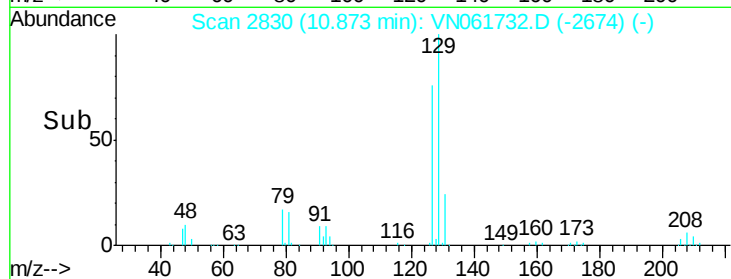
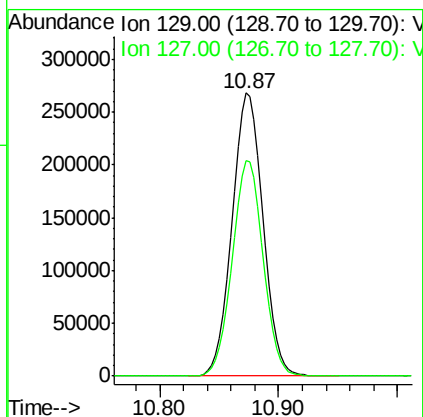
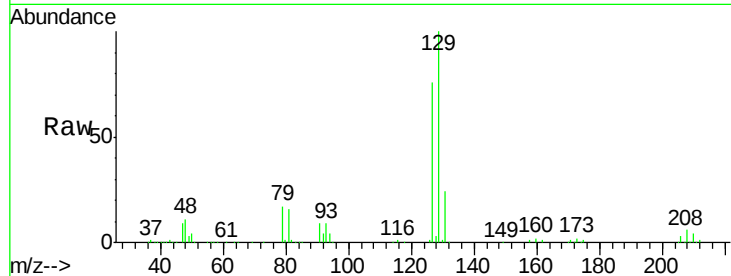




#53
 Dibromochloromethane
 Concen: 110.20 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

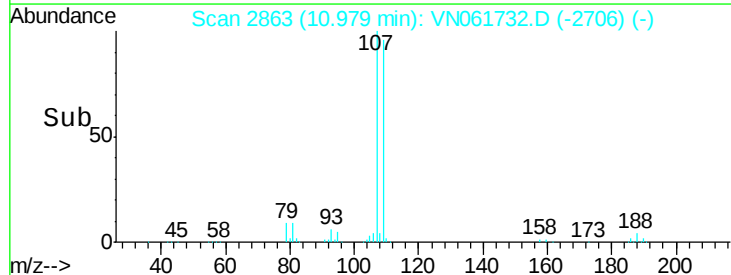
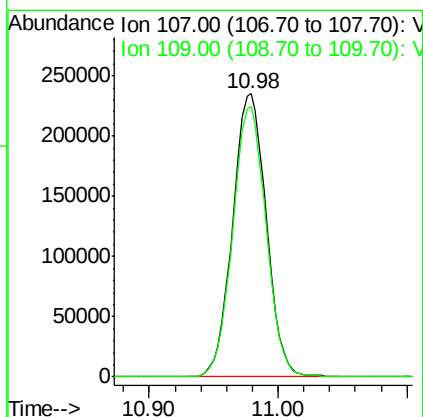
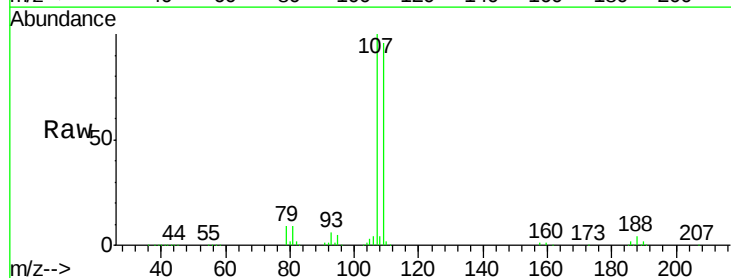
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

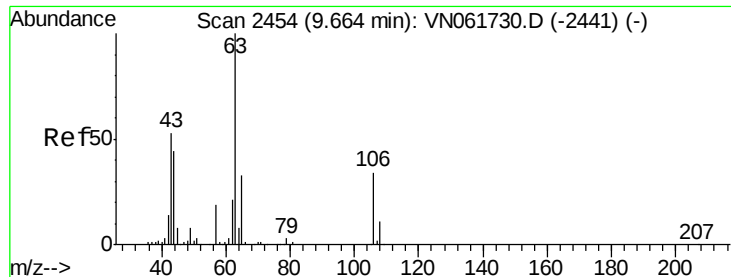
Tgt Ion:129 Resp: 482418
 Ion Ratio Lower Upper
 129 100
 127 76.1 38.6 116.0



#54
 1,2-Dibromoethane
 Concen: 104.22 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion:107 Resp: 425327
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 114.8

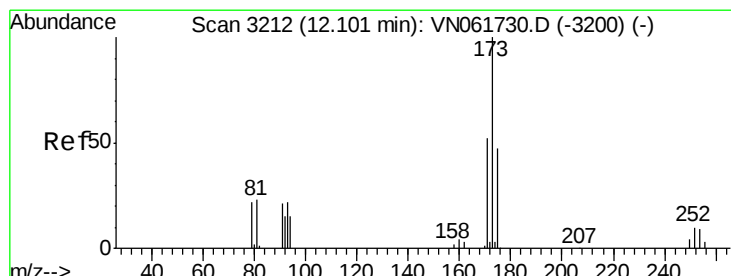
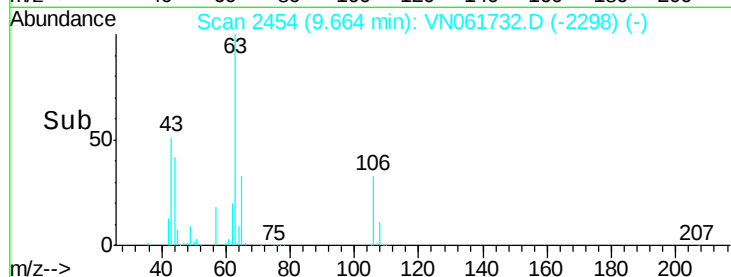
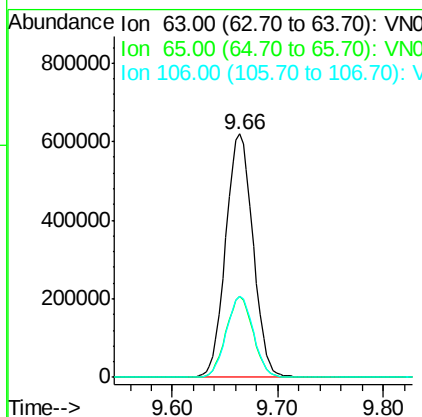
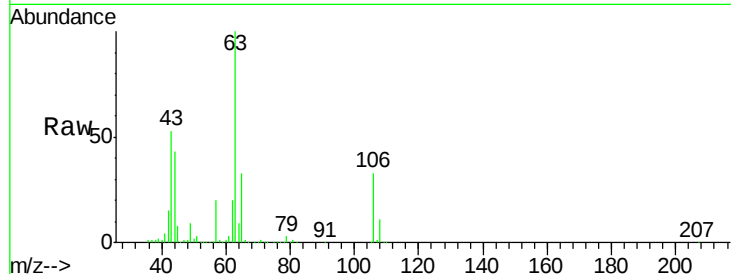




#55
2-Chloroethyl vinyl ether
Concen: 397.44 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

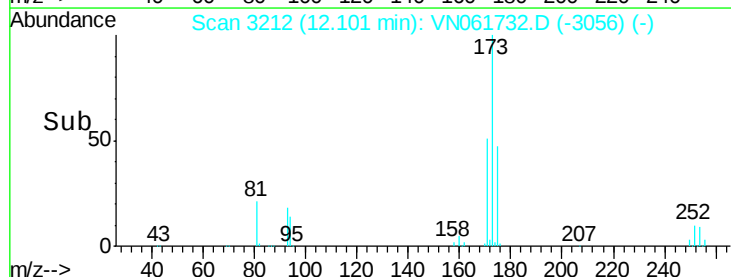
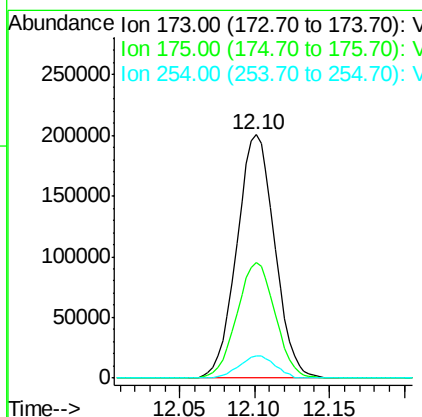
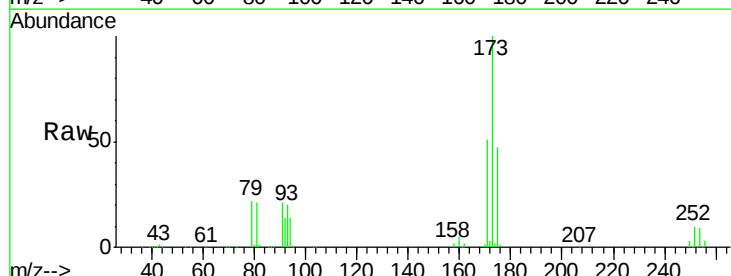
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

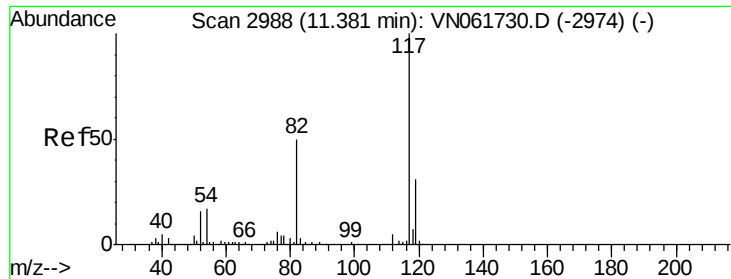
Tgt Ion: 63 Resp: 1108871
Ion Ratio Lower Upper
63 100
65 32.8 25.8 38.8
106 33.0 26.5 39.7



#56
Bromoform
Concen: 126.28 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 173 Resp: 353413
Ion Ratio Lower Upper
173 100
175 48.1 37.5 56.3
254 8.7 6.9 10.3

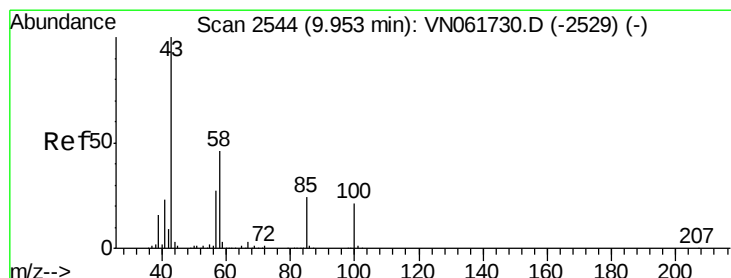
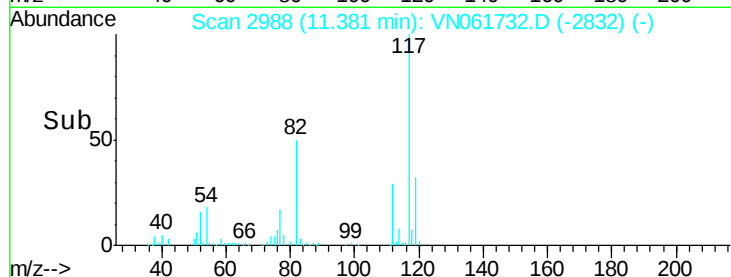
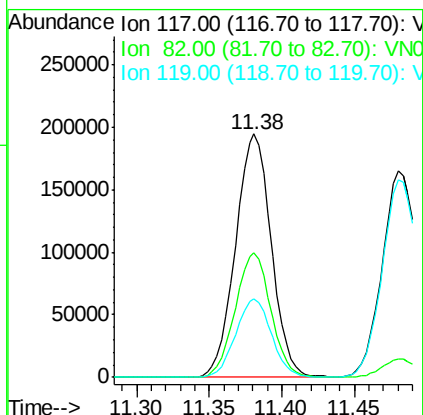
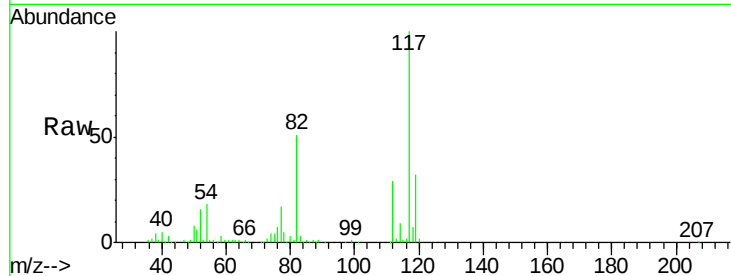




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

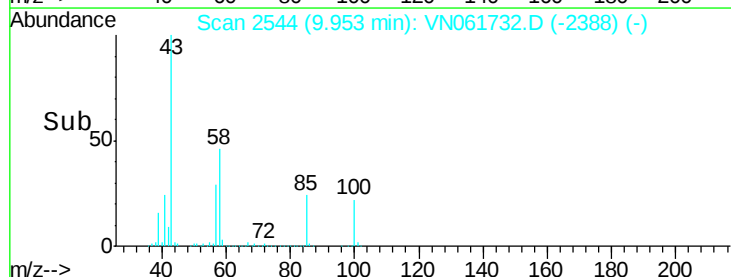
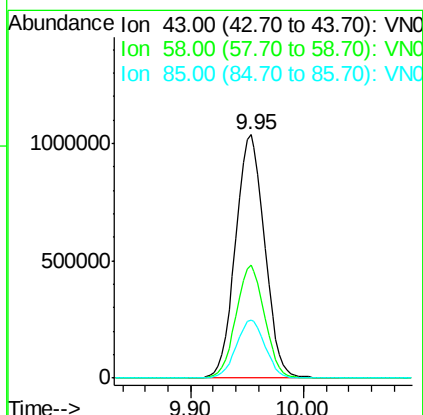
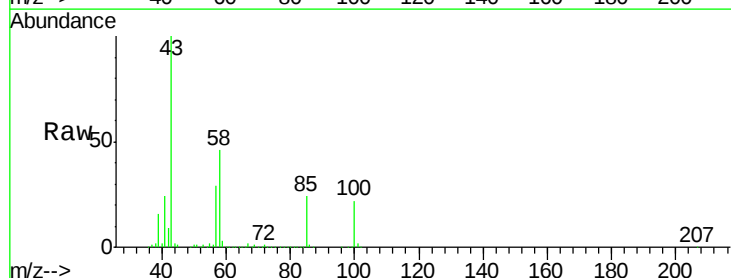
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

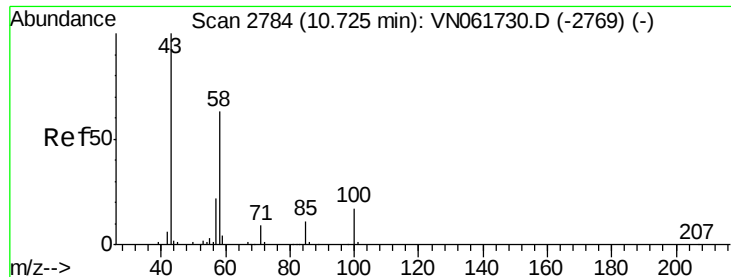
Tgt Ion: 117 Resp: 333851
Ion Ratio Lower Upper
117 100
82 50.9 40.6 60.8
119 32.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 338.90 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 43 Resp: 1861868
Ion Ratio Lower Upper
43 100
58 45.6 36.6 54.8
85 23.7 19.0 28.6

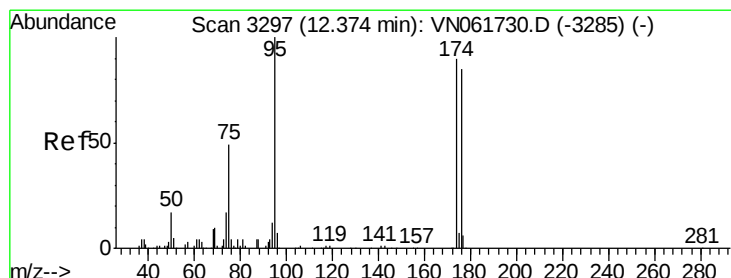
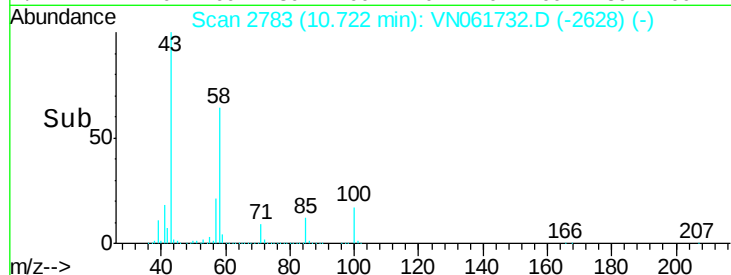
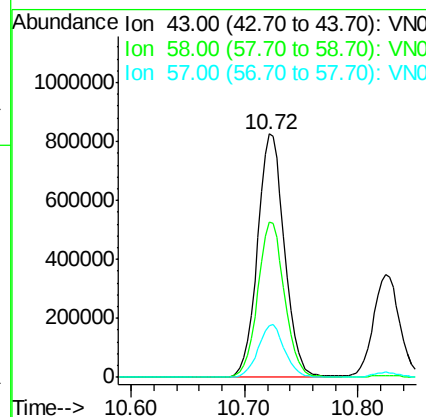
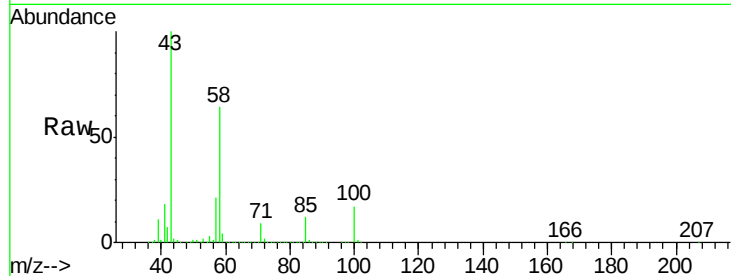




#59
2-Hexanone
Concen: 350.54 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

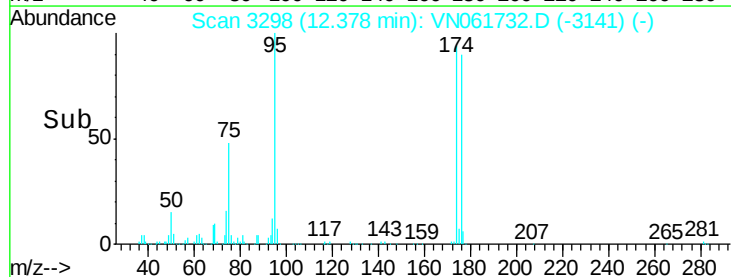
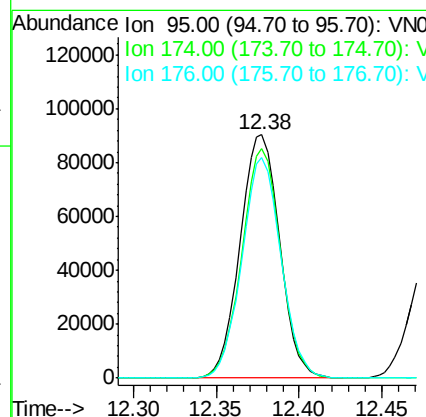
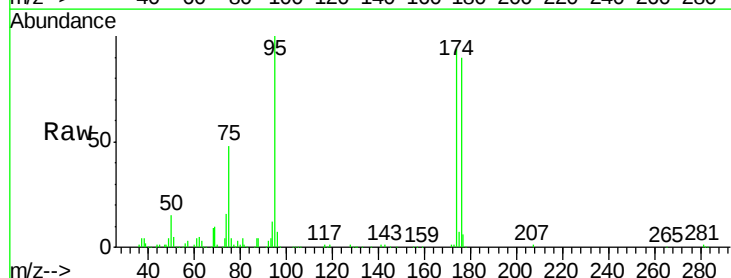
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

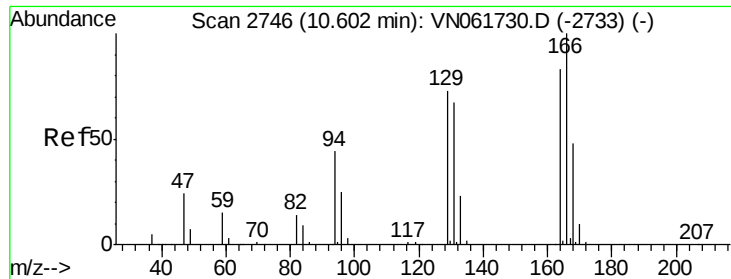
Tgt Ion: 43 Resp: 1364420
Ion Ratio Lower Upper
43 100
58 63.3 50.4 75.6
57 21.3 17.2 25.8



#60
4-Bromofluorobenzene
Concen: 27.07 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 95 Resp: 150585
Ion Ratio Lower Upper
95 100
174 92.3 72.8 109.2
176 89.2 69.2 103.8





#61

Tetrachloroethene

Concen: 126.49 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:164 Resp: 546385

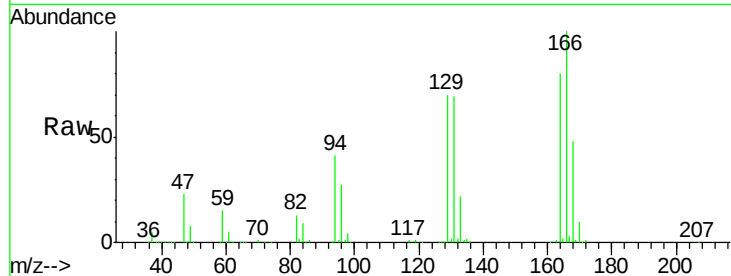
Ion Ratio Lower Upper

164 100

166 125.8 96.6 144.8

129 88.2 70.1 105.1

131 86.6 64.6 96.8

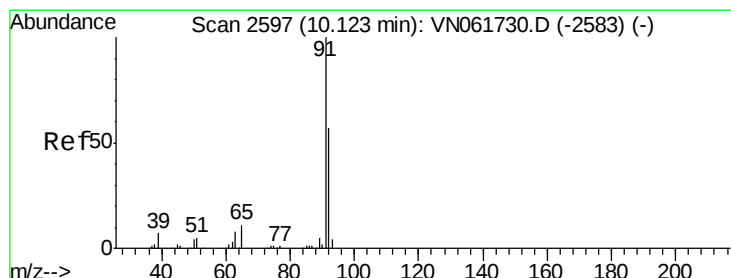
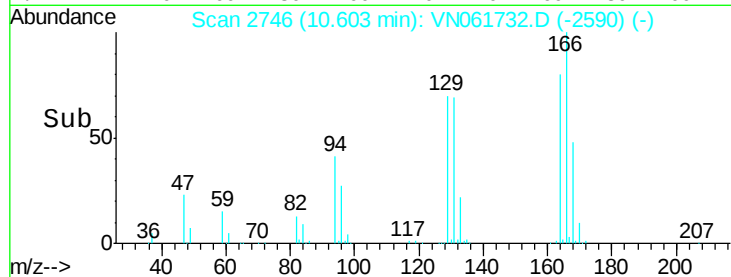
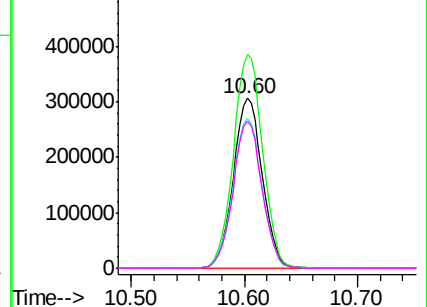


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 93.60 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061732.D

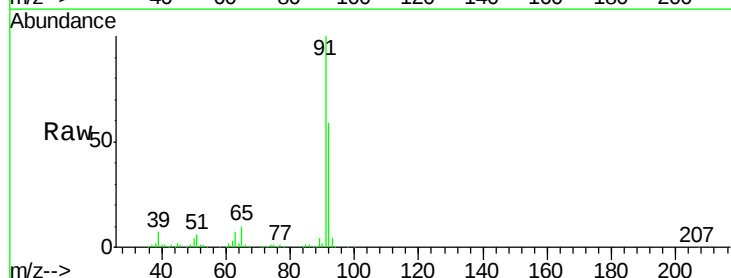
Acq: 10 Jun 2020 11:41

Tgt Ion: 91 Resp: 1752574

Ion Ratio Lower Upper

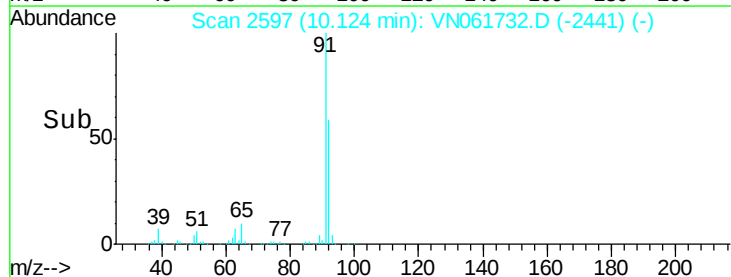
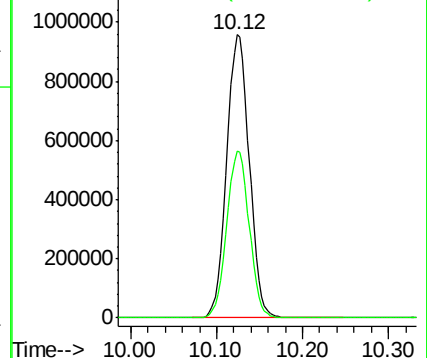
91 100

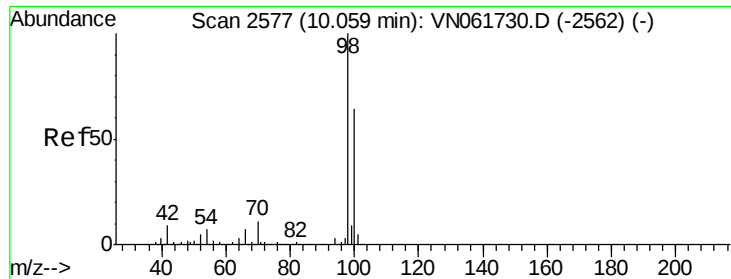
92 58.6 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 27.60 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

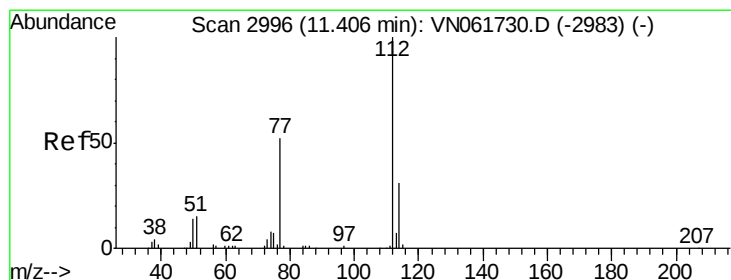
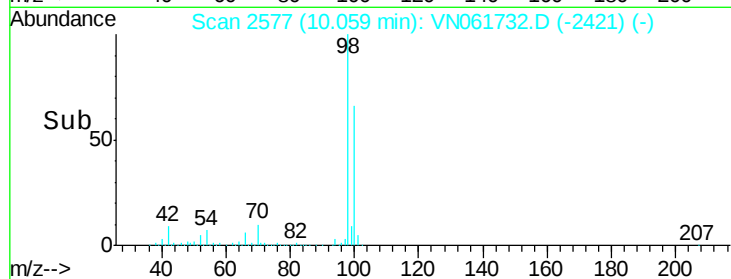
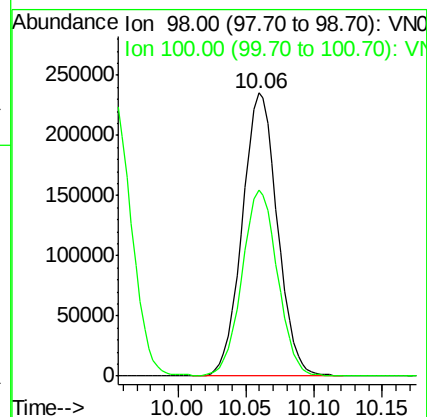
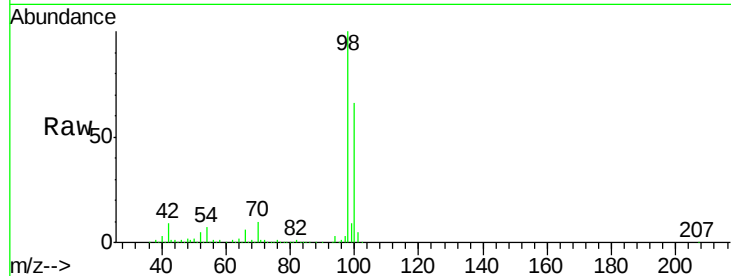
VSTDIC100

Tgt Ion: 98 Resp: 420406

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.4



#64

Chlorobenzene

Concen: 100.98 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061732.D

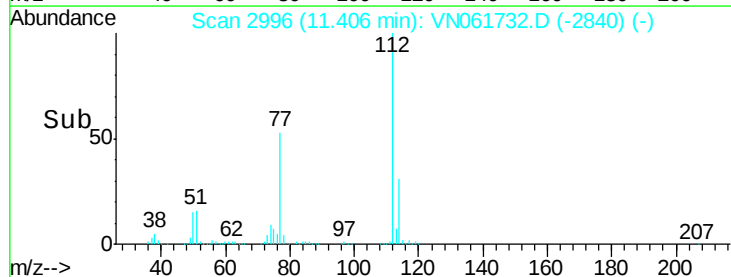
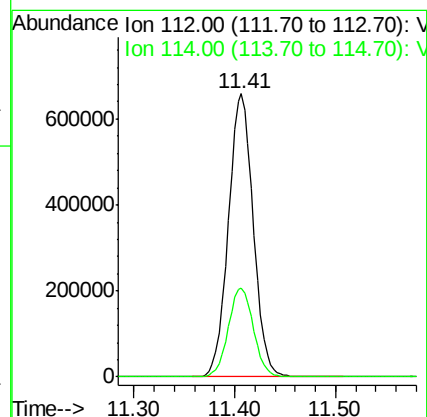
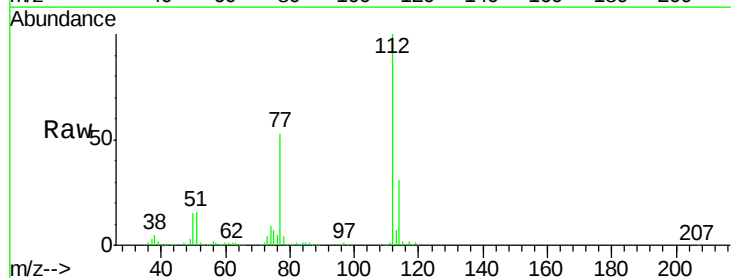
Acq: 10 Jun 2020 11:41

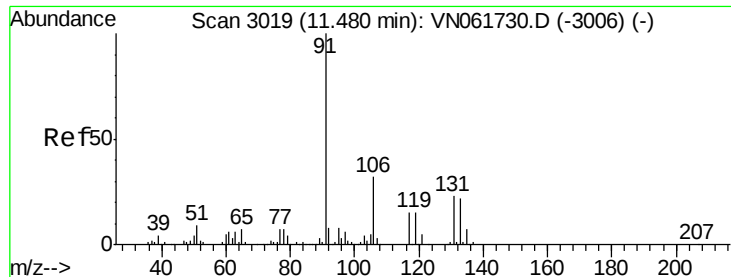
Tgt Ion: 112 Resp: 1133257

Ion Ratio Lower Upper

112 100

114 31.5 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 103.21 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

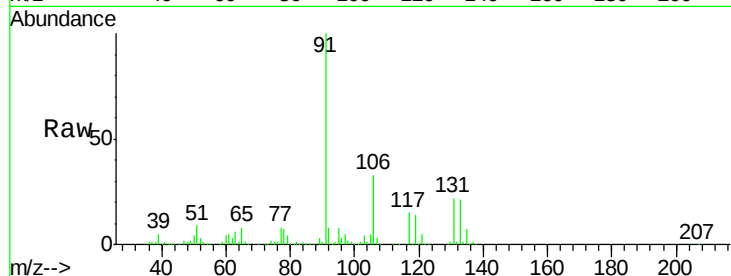
Tgt Ion:131 Resp: 425648

Ion Ratio Lower Upper

131 100

133 96.8 0.0 189.4

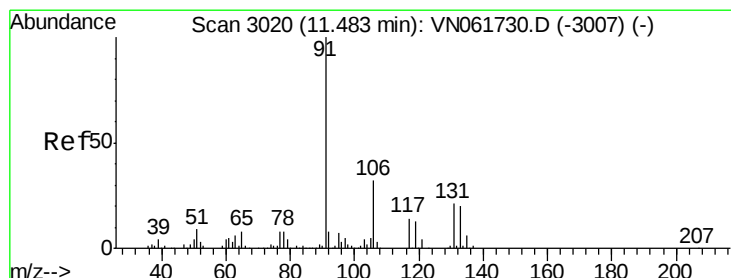
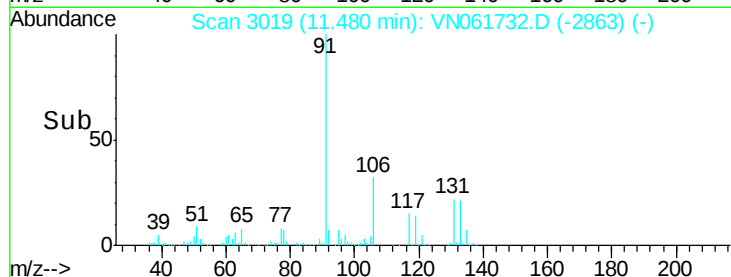
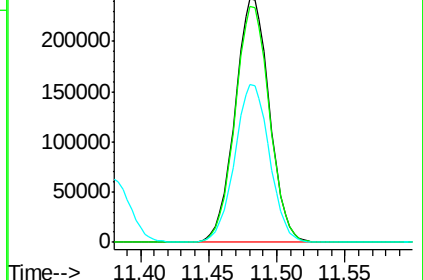
119 65.3 0.0 130.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 92.24 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061732.D

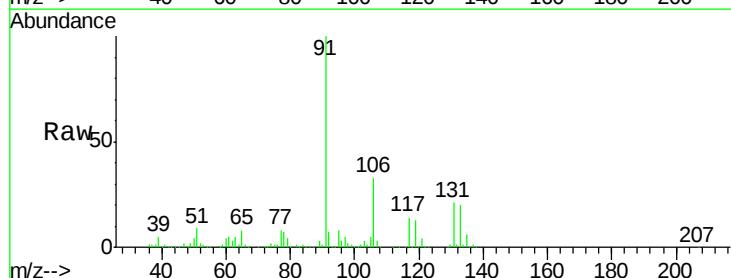
Acq: 10 Jun 2020 11:41

Tgt Ion: 91 Resp: 1961516

Ion Ratio Lower Upper

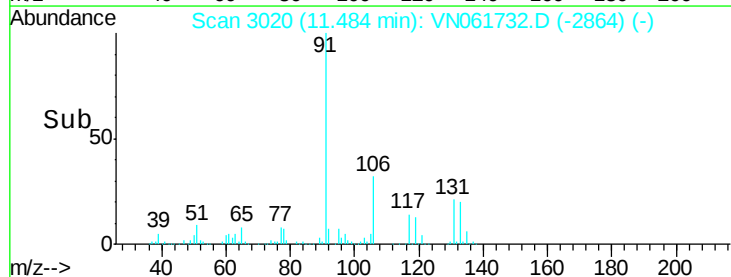
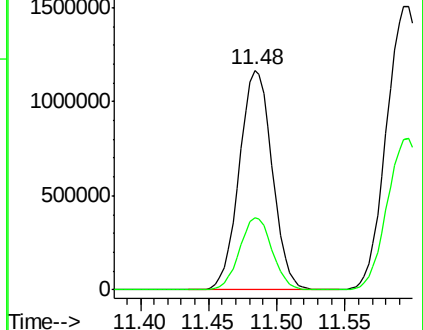
91 100

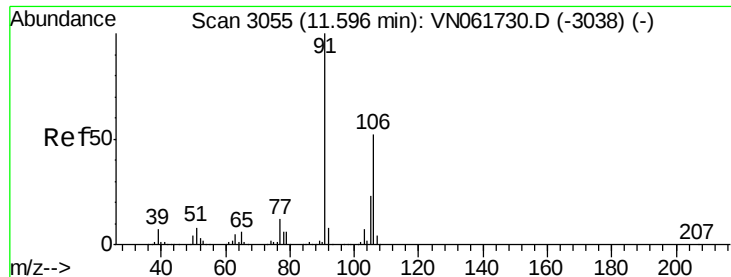
106 33.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 195.31 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

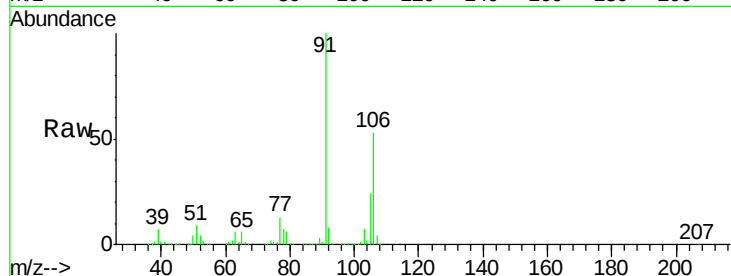
VSTDIC100

Tgt Ion:106 Resp: 1554961

Ion Ratio Lower Upper

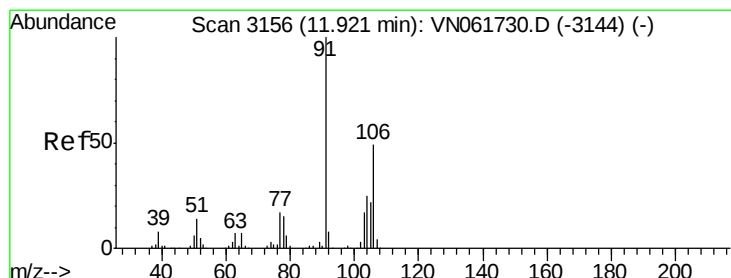
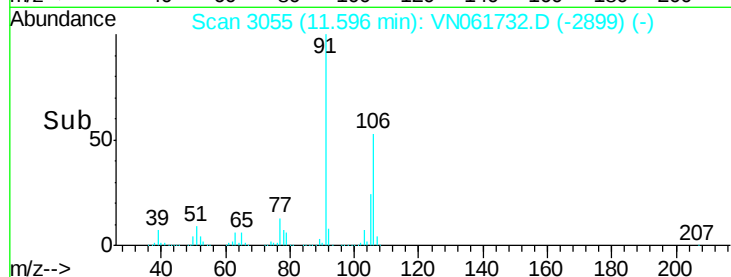
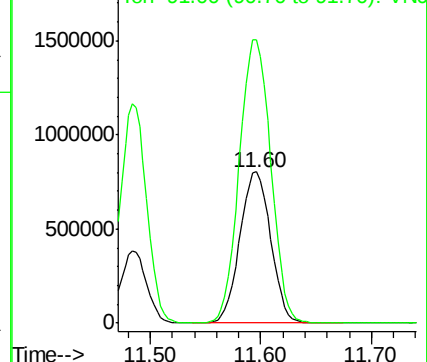
106 100

91 191.6 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 98.59 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061732.D

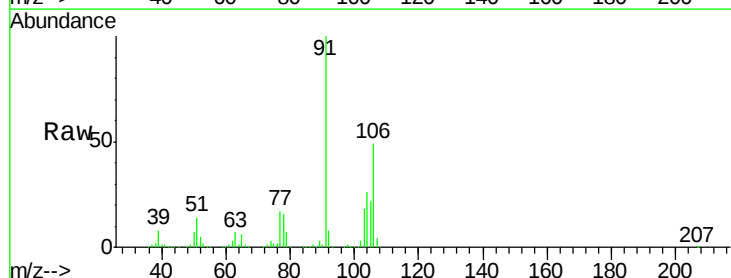
Acq: 10 Jun 2020 11:41

Tgt Ion:106 Resp: 746609

Ion Ratio Lower Upper

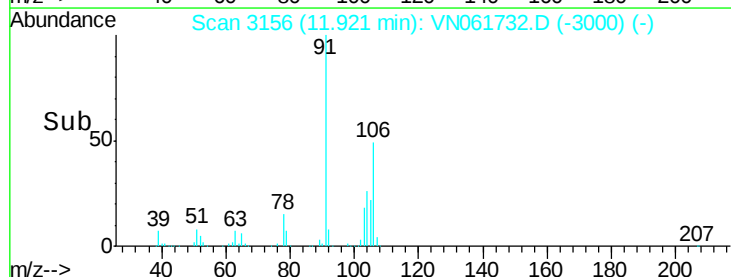
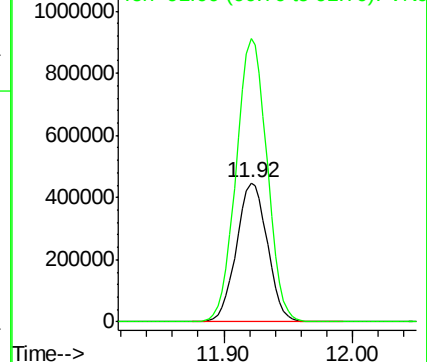
106 100

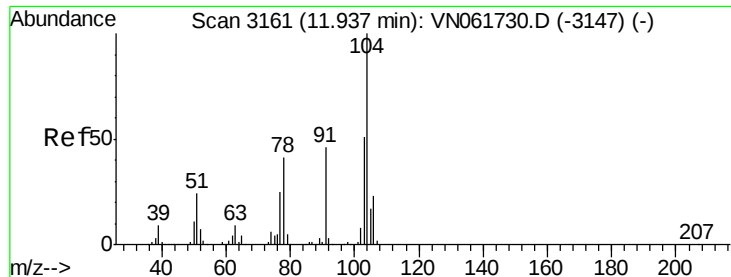
91 203.0 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

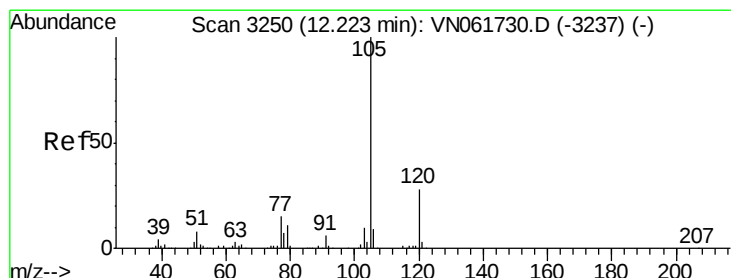
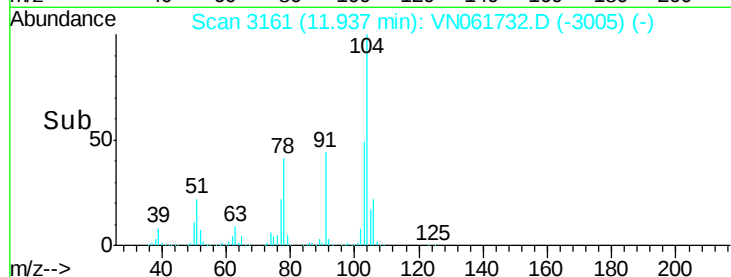
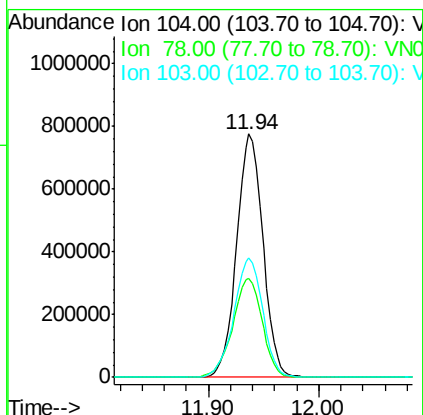
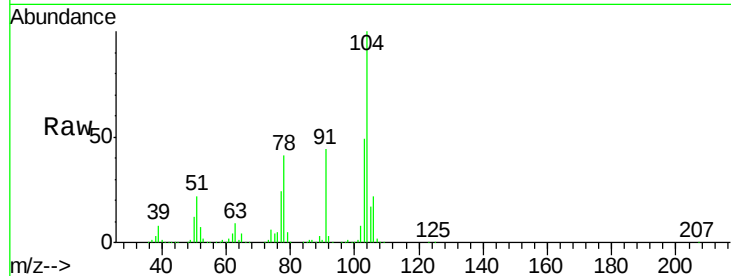




#69
Styrene
Concen: 99.05 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

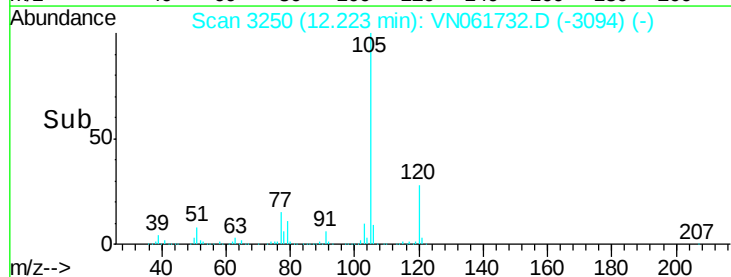
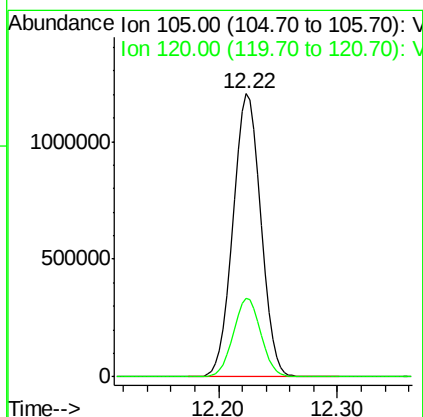
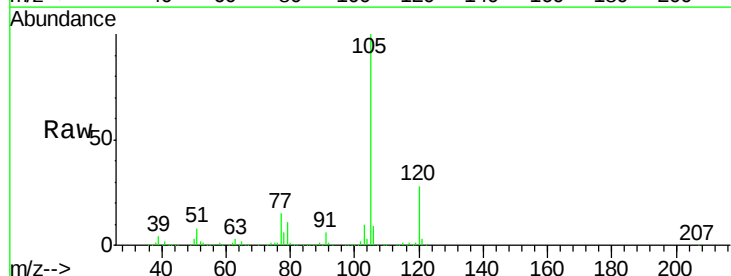
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

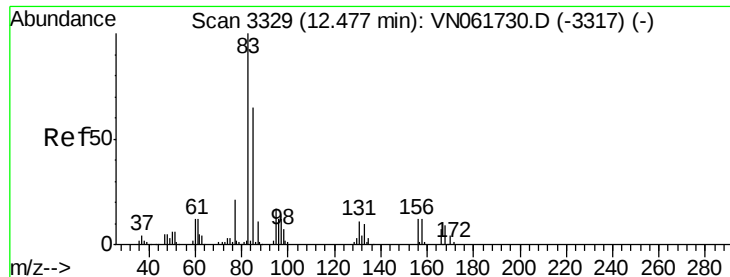
Tgt Ion:104 Resp: 1287618
Ion Ratio Lower Upper
104 100
78 45.5 36.5 54.7
103 53.6 43.4 65.2



#70
Isopropylbenzene
Concen: 95.32 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion:105 Resp: 1950775
Ion Ratio Lower Upper
105 100
120 27.5 19.3 35.8

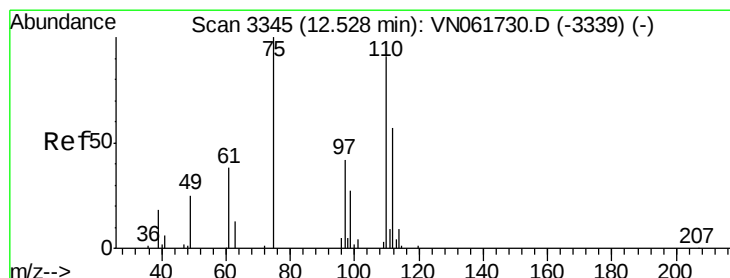
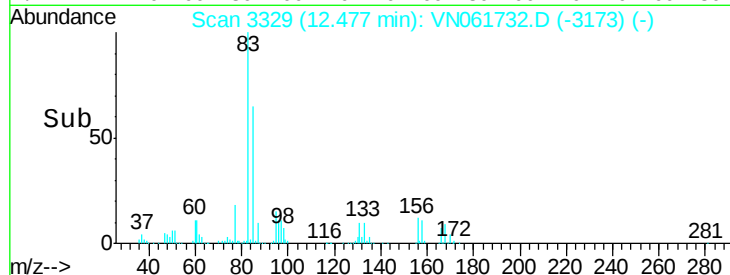
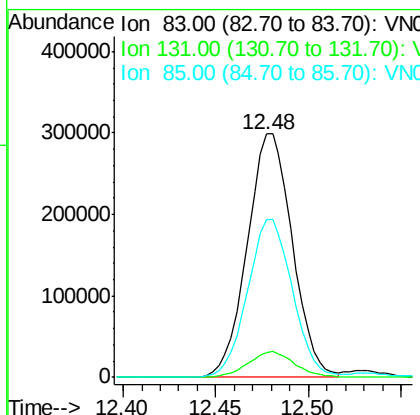
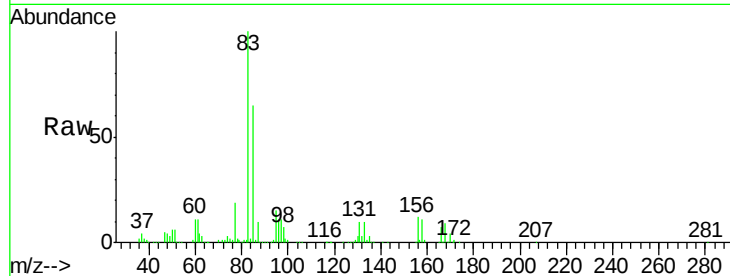




#71
 1,1,2,2-Tetrachloroethane
 Concen: 90.46 ug/l
 RT: 12.48 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

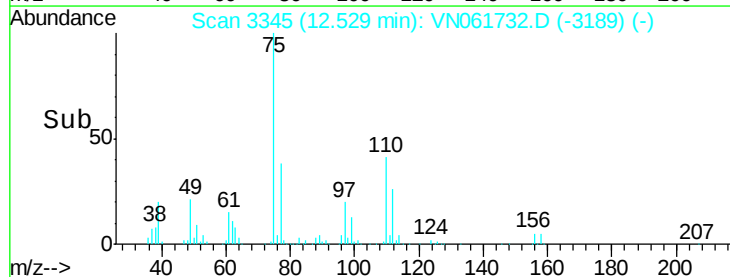
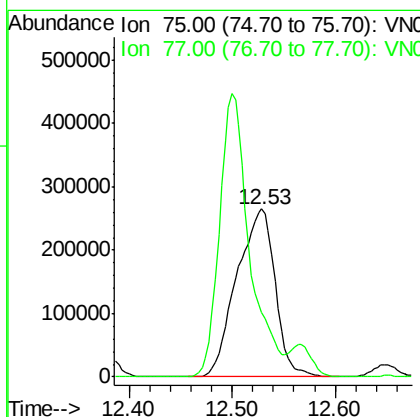
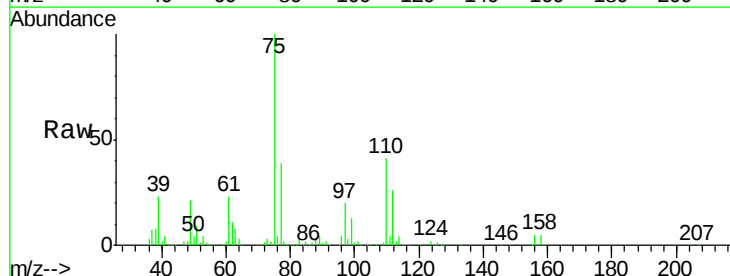
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

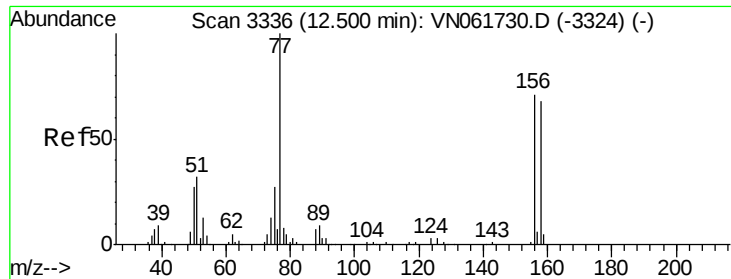
Tgt Ion: 83 Resp: 505359
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.7 17.0
 85 64.6 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 129.96 ug/l
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061732.D
 Acq: 10 Jun 2020 11:41

Tgt Ion: 75 Resp: 685873
 Ion Ratio Lower Upper
 75 100
 77 131.9 0.0 371.8





#73

Bromobenzene

Concen: 118.36 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

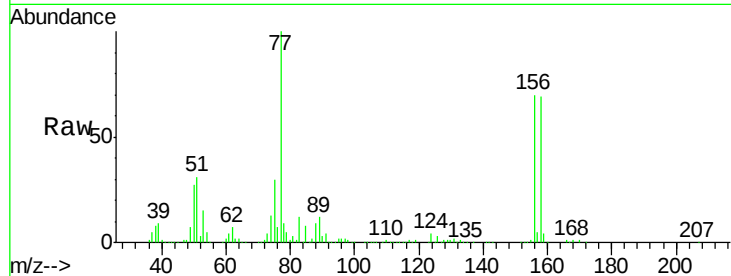
Tgt Ion:156 Resp: 527470

Ion Ratio Lower Upper

156 100

77 171.5 0.0 350.0

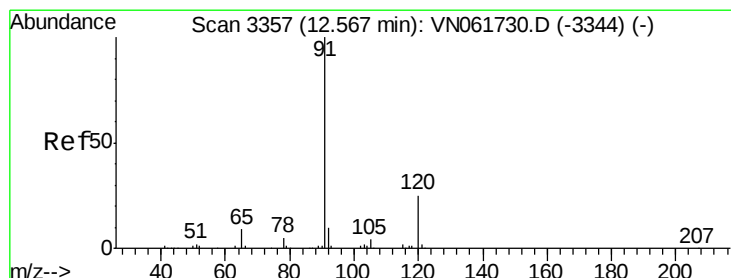
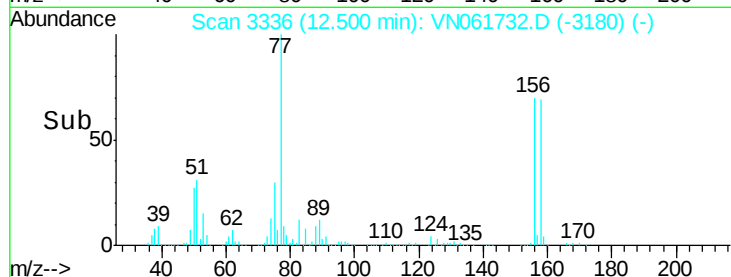
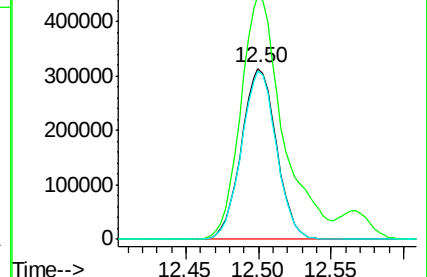
158 97.7 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 91.29 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061732.D

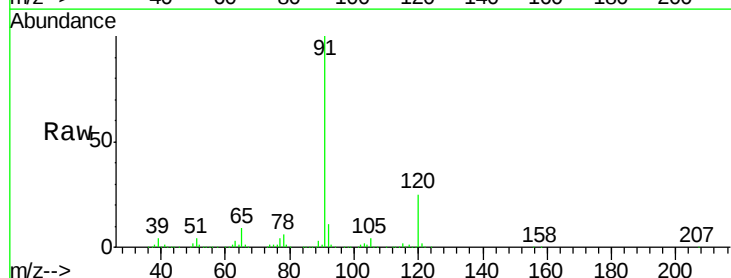
Acq: 10 Jun 2020 11:41

Tgt Ion: 91 Resp: 2205210

Ion Ratio Lower Upper

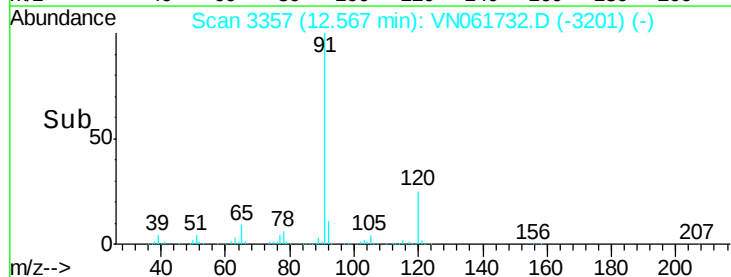
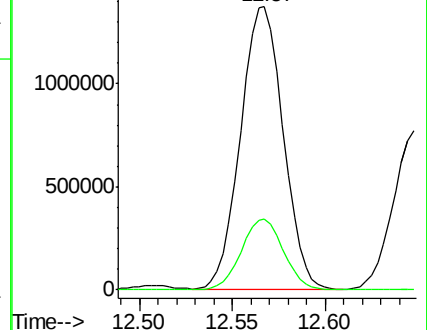
91 100

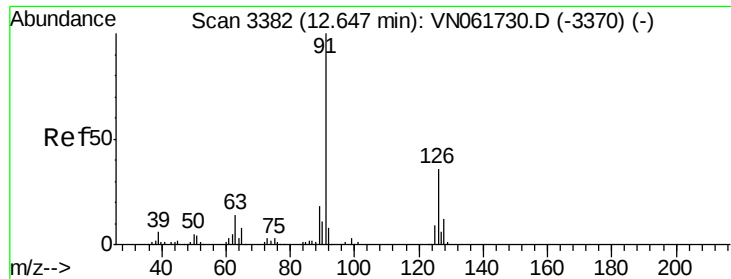
120 24.7 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 93.24 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

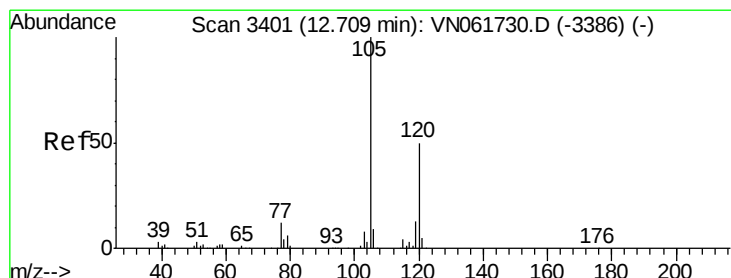
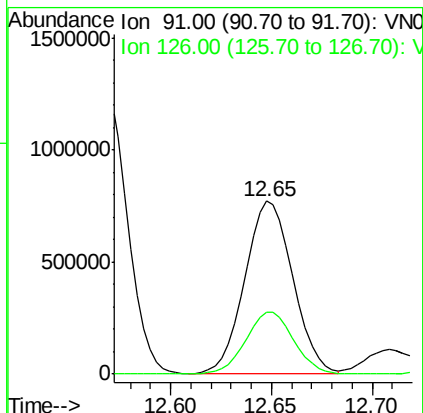
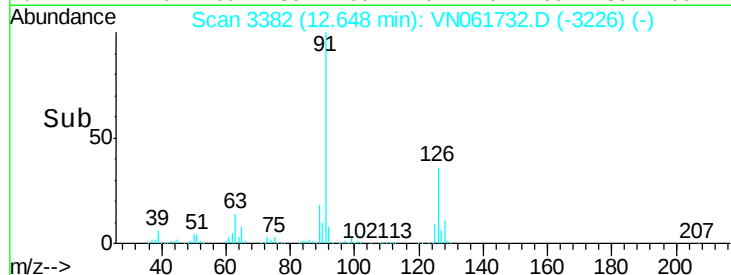
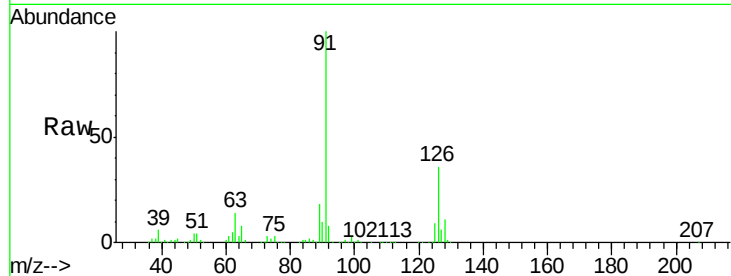
VSTDIC100

Tgt Ion: 91 Resp: 1291006

Ion Ratio Lower Upper

91 100

126 35.9 0.0 72.0



#76

1,3,5-Trimethylbenzene

Concen: 95.45 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061732.D

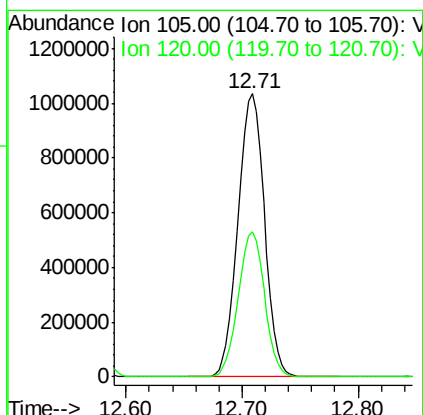
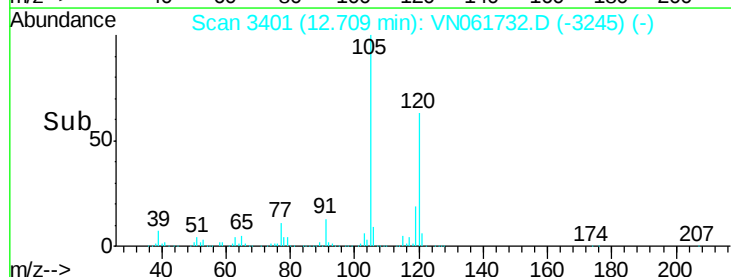
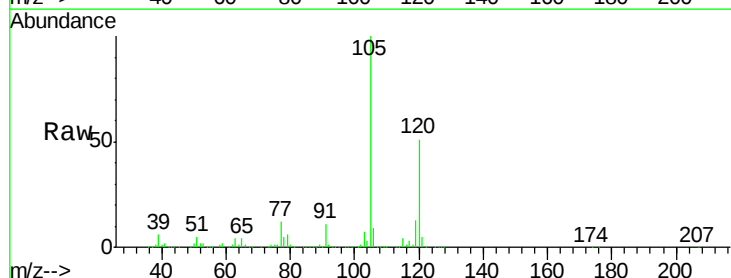
Acq: 10 Jun 2020 11:41

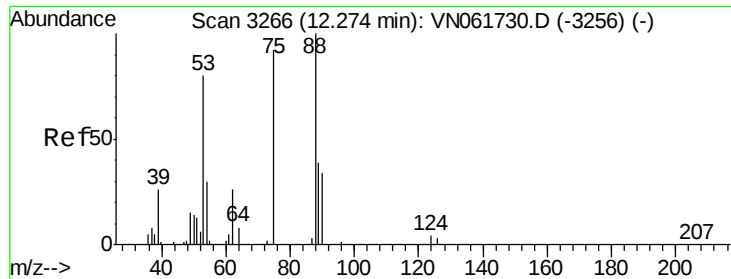
Tgt Ion: 105 Resp: 1636677

Ion Ratio Lower Upper

105 100

120 50.7 0.0 101.6





#77

t-1,4-Dichloro-2-butene

Concen: 87.28 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

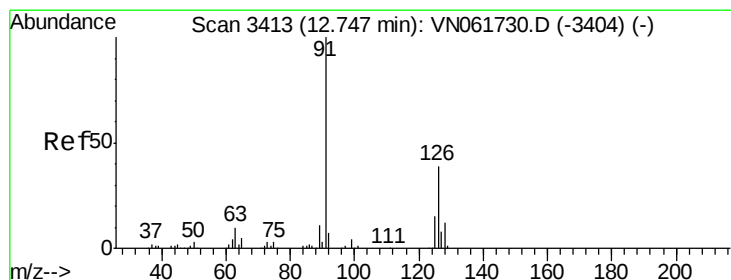
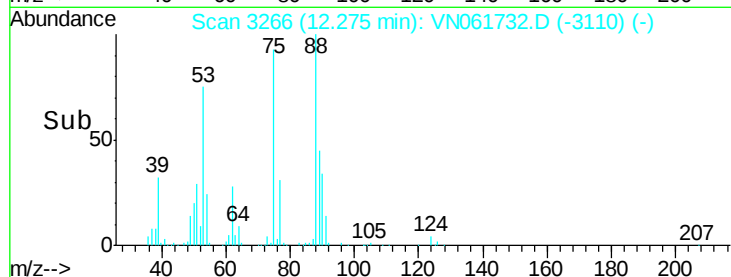
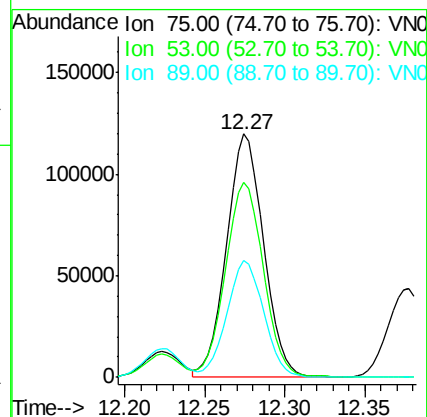
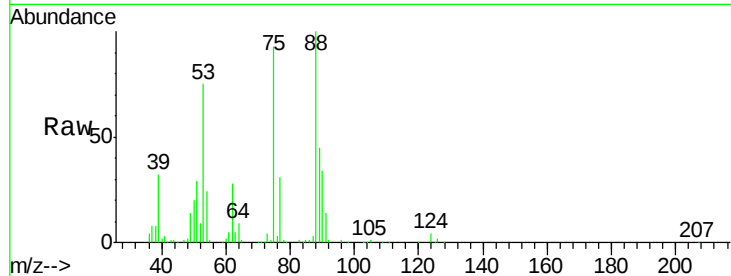
Tgt Ion: 75 Resp: 190221

Ion Ratio Lower Upper

75 100

53 80.2 43.8 131.4

89 47.9 23.1 69.2



#78

4-Chlorotoluene

Concen: 93.05 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061732.D

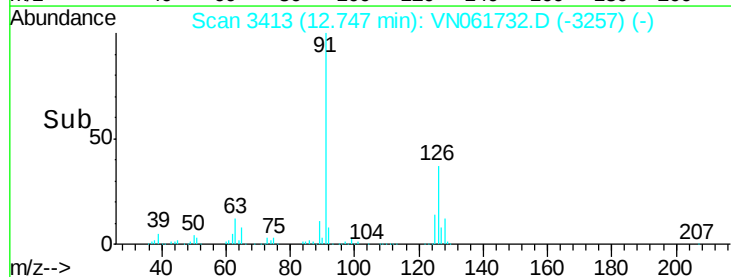
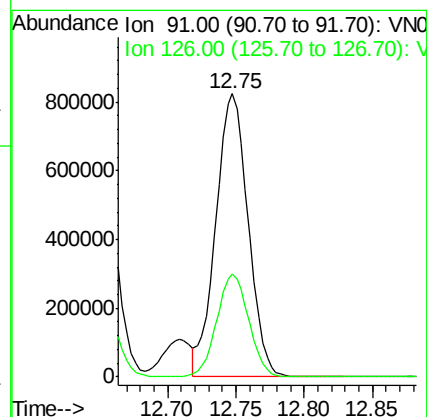
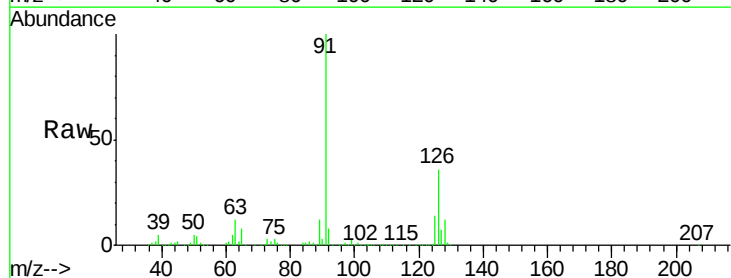
Acq: 10 Jun 2020 11:41

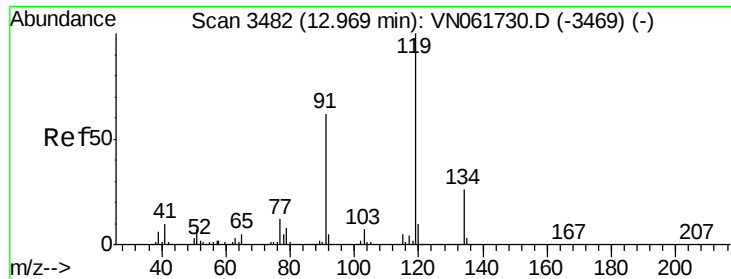
Tgt Ion: 91 Resp: 1352011

Ion Ratio Lower Upper

91 100

126 35.8 0.0 70.4

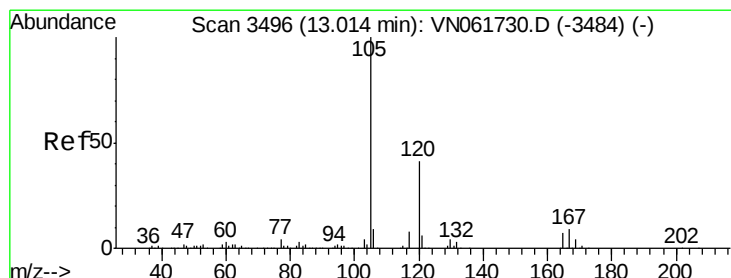
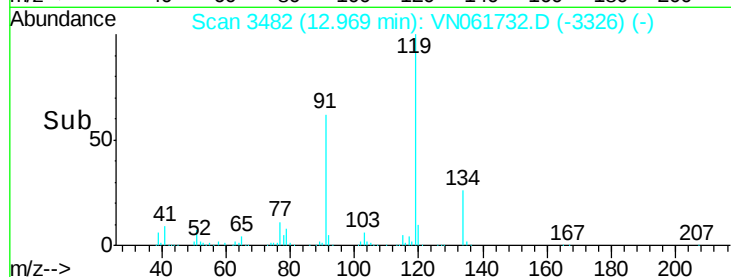
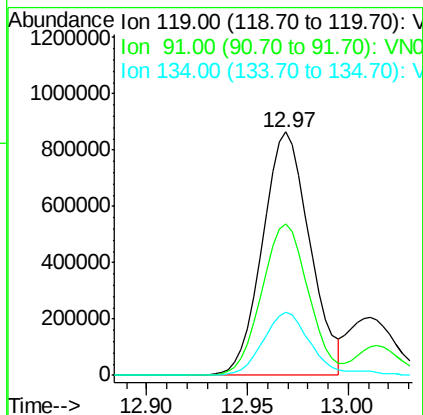
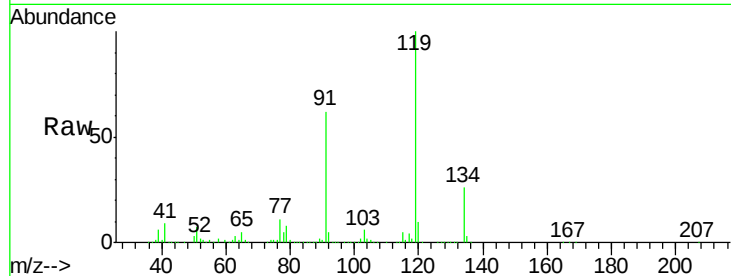




#79
tert-butylbenzene
Concen: 98.84 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

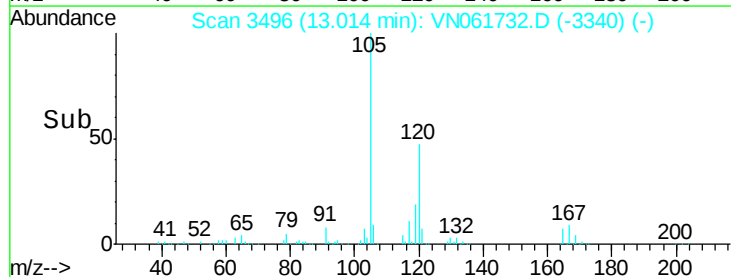
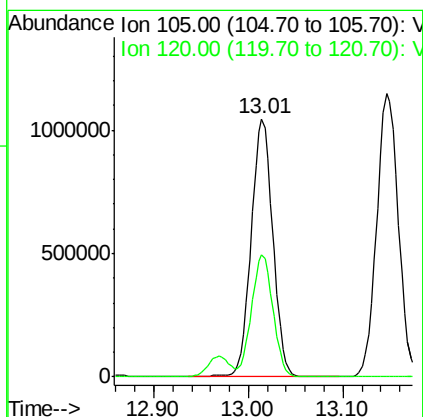
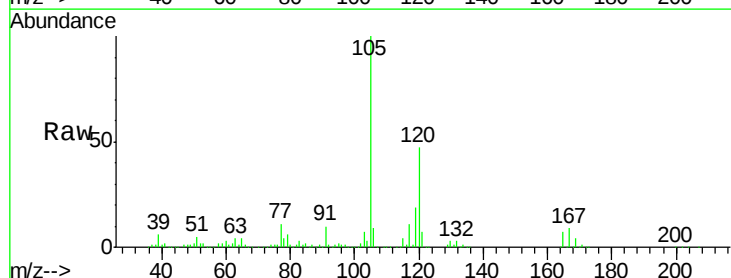
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

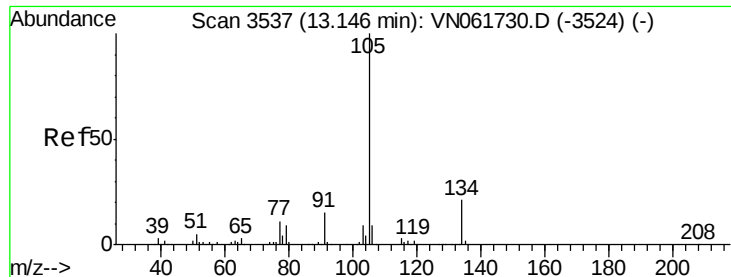
Tgt Ion:119 Resp: 1411288
Ion Ratio Lower Upper
119 100
91 61.6 0.0 124.6
134 26.6 0.0 51.4



#80
1,2,4-Trimethylbenzene
Concen: 96.71 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion:105 Resp: 1662505
Ion Ratio Lower Upper
105 100
120 47.4 0.0 95.4





#81

sec-Butylbenzene

Concen: 93.17 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

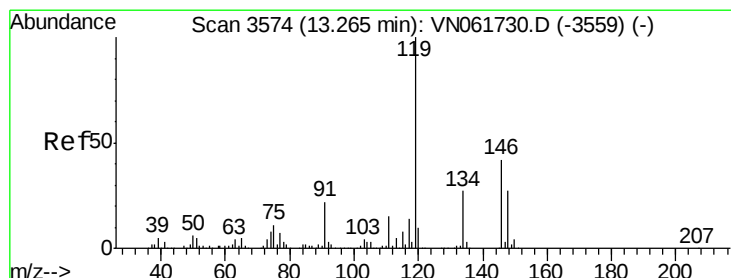
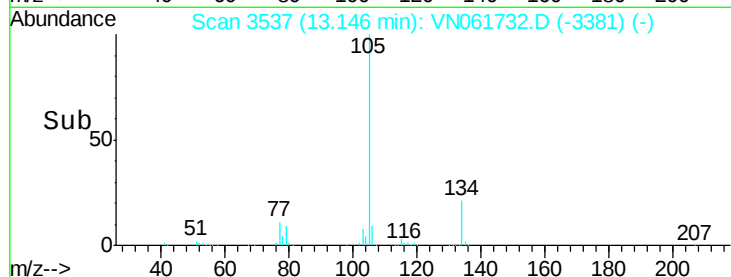
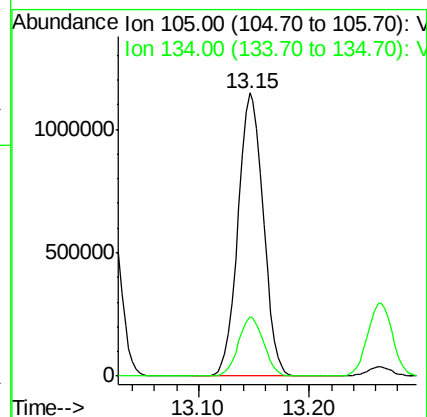
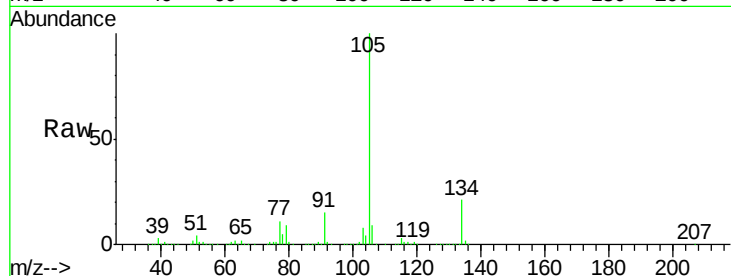
VSTDIC100

Tgt Ion:105 Resp: 1820189

Ion Ratio Lower Upper

105 100

134 20.9 0.0 41.8



#82

p-Isopropyltoluene

Concen: 97.24 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

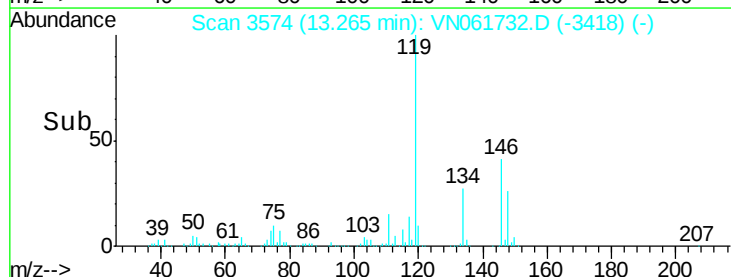
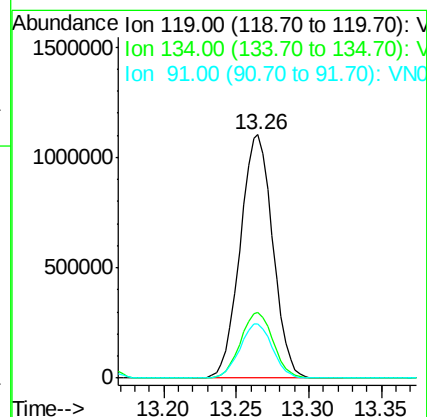
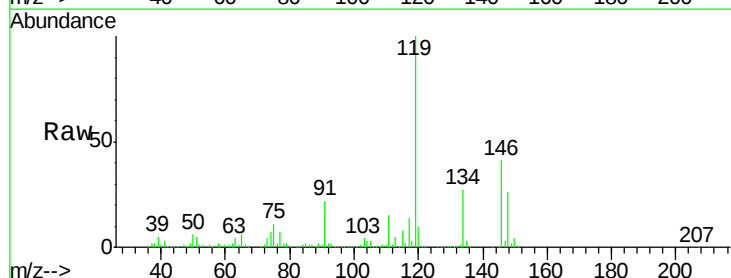
Tgt Ion:119 Resp: 1718695

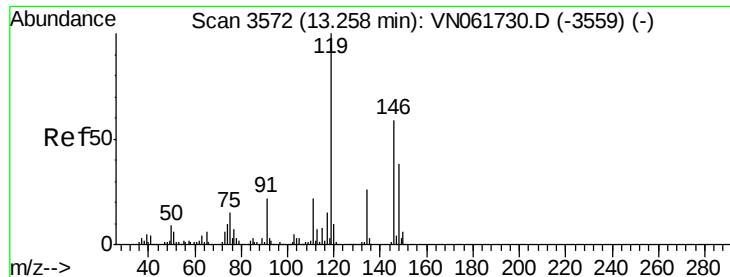
Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.4

91 22.1 0.0 45.2

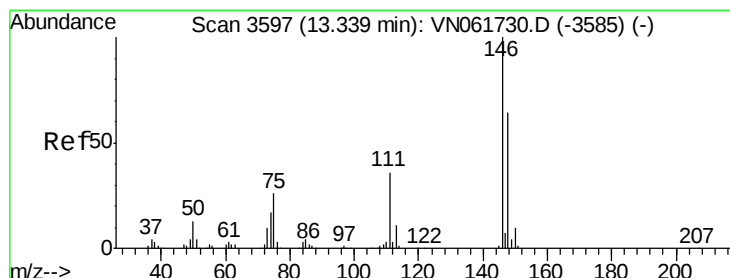
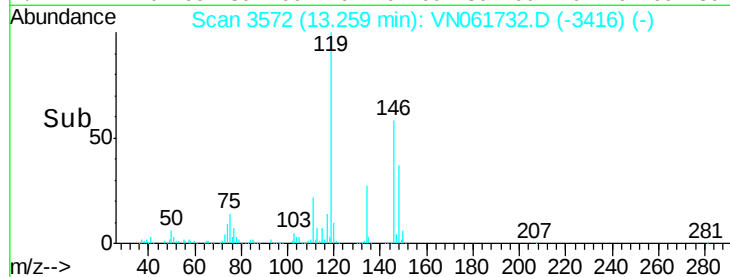
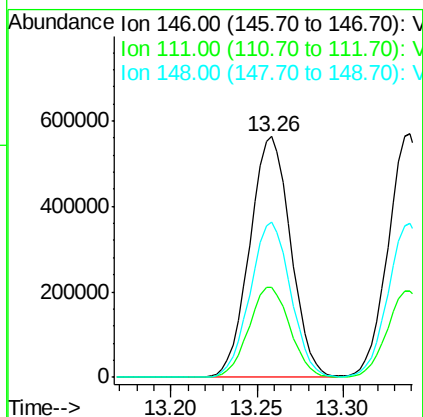
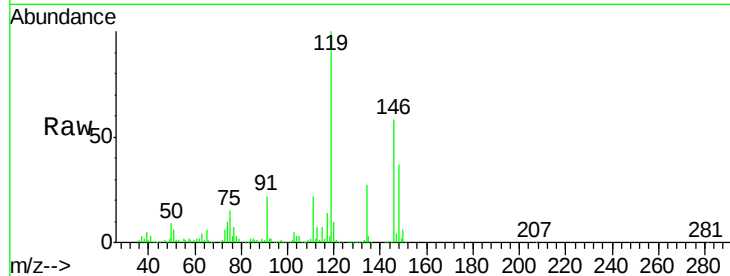




#83
1,3-Dichlorobenzene
Concen: 113.07 ug/l
RT: 13.26 min Scan# 3572
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

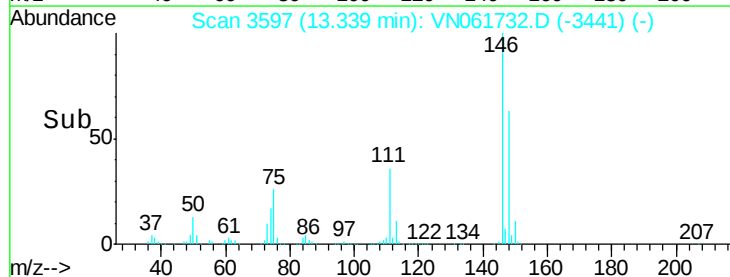
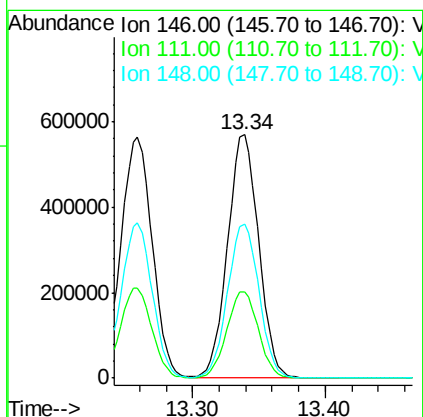
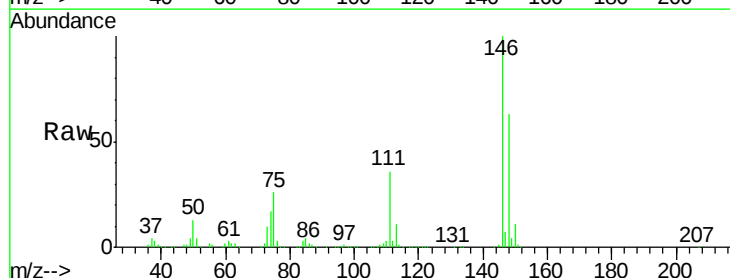
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

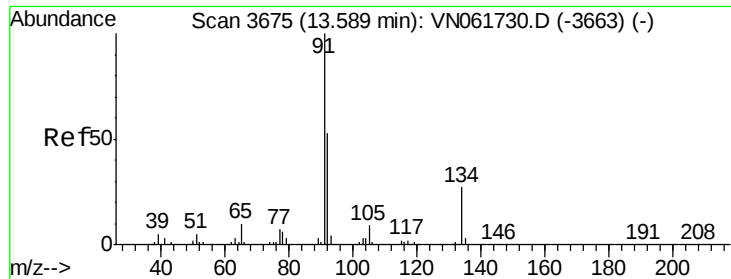
Tgt Ion:146 Resp: 931213
Ion Ratio Lower Upper
146 100
111 37.5 18.7 56.1
148 63.8 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 114.45 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion:146 Resp: 927700
Ion Ratio Lower Upper
146 100
111 36.0 18.6 55.8
148 63.8 32.2 96.6

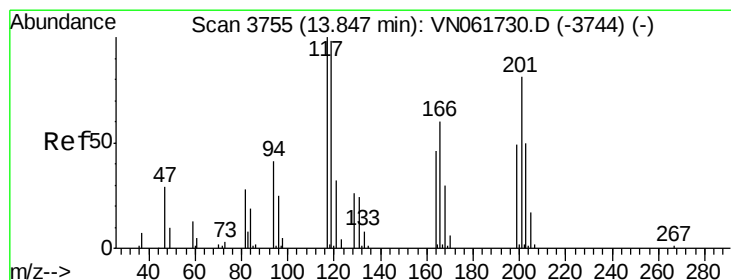
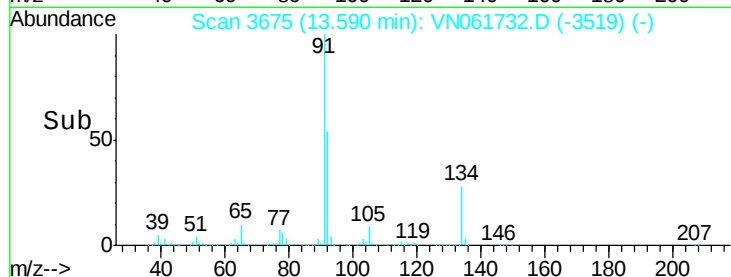
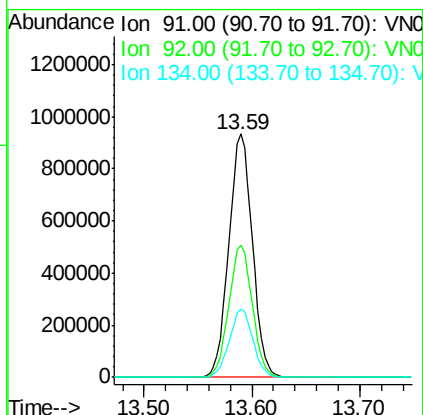
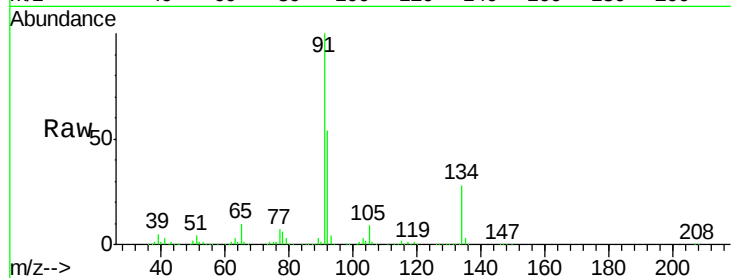




#85
n-Butylbenzene
Concen: 88.73 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

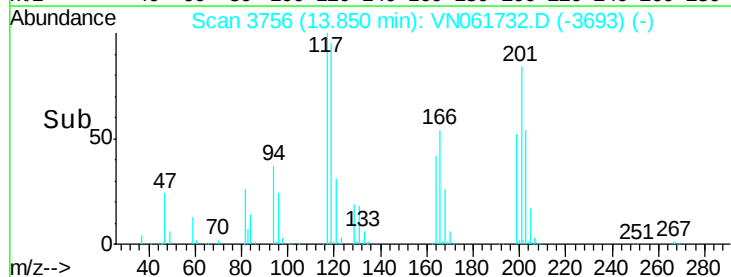
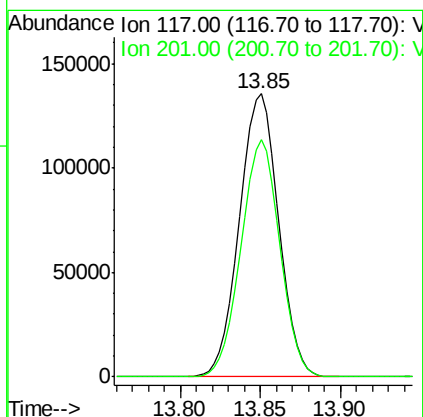
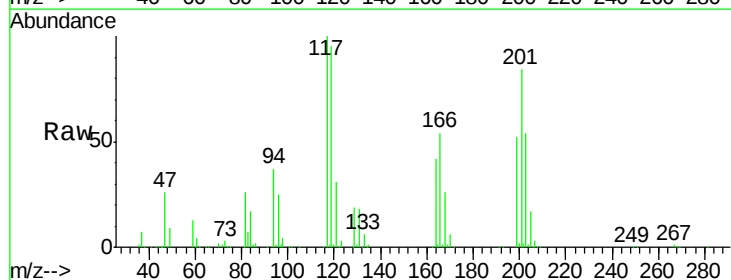
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

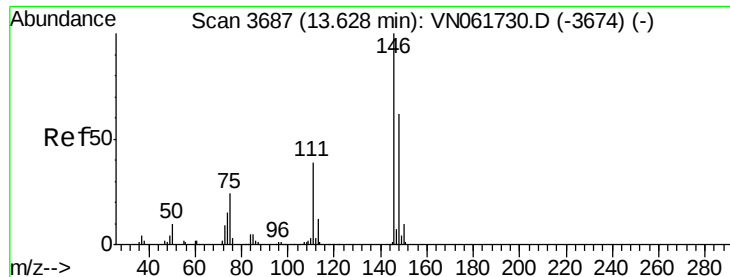
Tgt Ion: 91 Resp: 1423983
Ion Ratio Lower Upper
91 100
92 54.2 0.0 107.2
134 28.0 0.0 55.8



#86
Hexachloroethane
Concen: 92.75 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion: 117 Resp: 226208
Ion Ratio Lower Upper
117 100
201 83.0 39.1 117.5





#87

1,2-Dichlorobenzene

Concen: 112.98 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

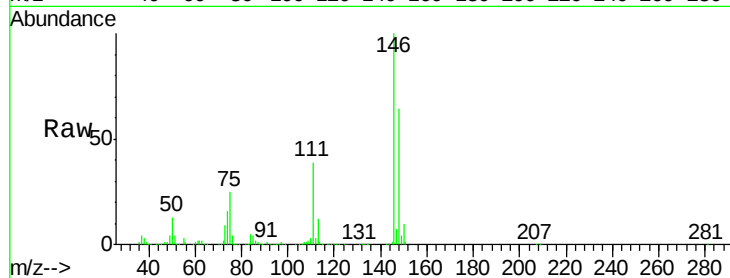
Tgt Ion:146 Resp: 881226

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

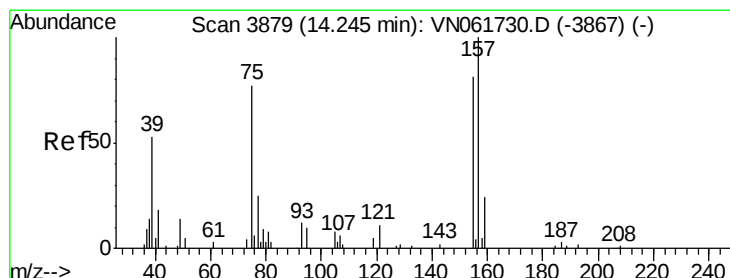
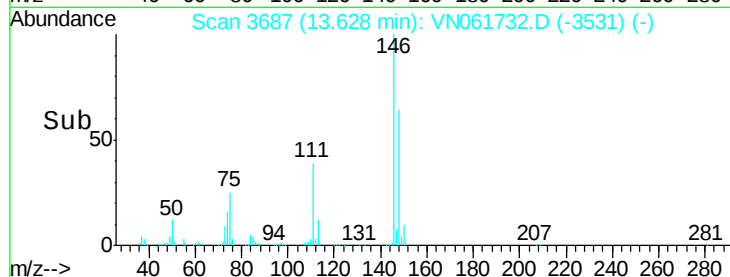
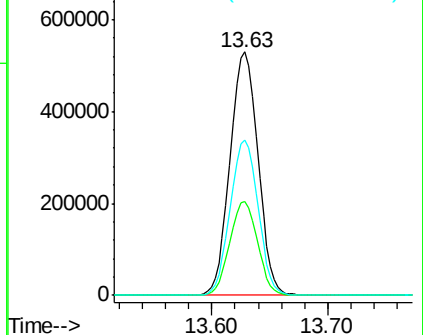
148 63.7 31.4 94.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 82.43 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

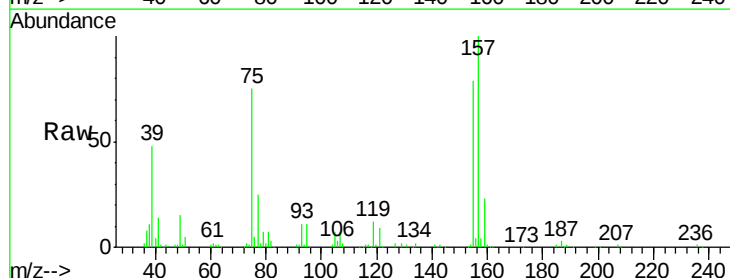
Tgt Ion: 75 Resp: 95224

Ion Ratio Lower Upper

75 100

155 102.5 79.6 119.4

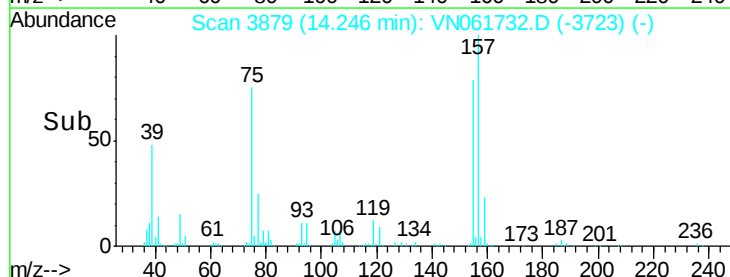
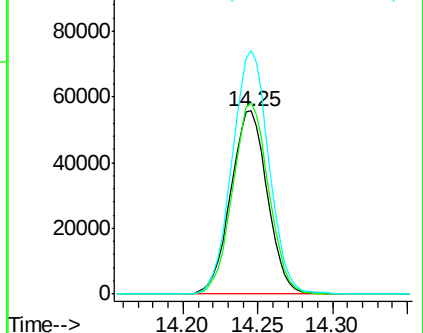
157 132.5 100.8 151.2

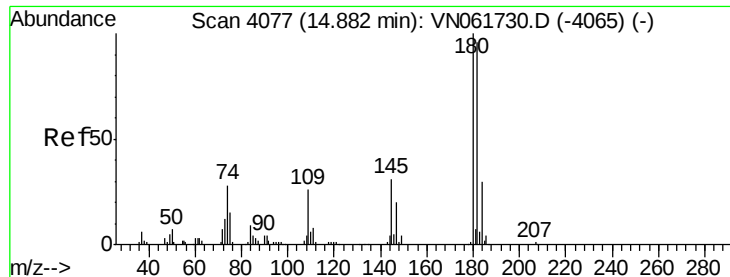


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#89

1,2,4-Trichlorobenzene

Concen: 123.83 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

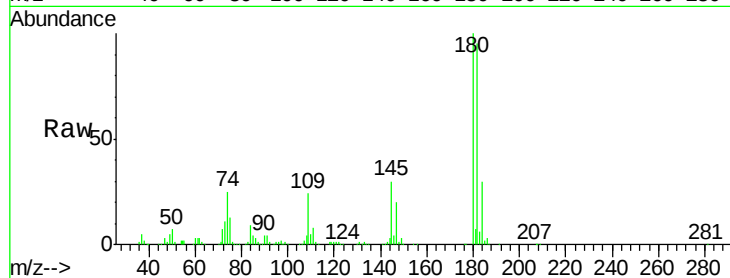
Tgt Ion:180 Resp: 550110

Ion Ratio Lower Upper

180 100

182 94.8 75.6 113.4

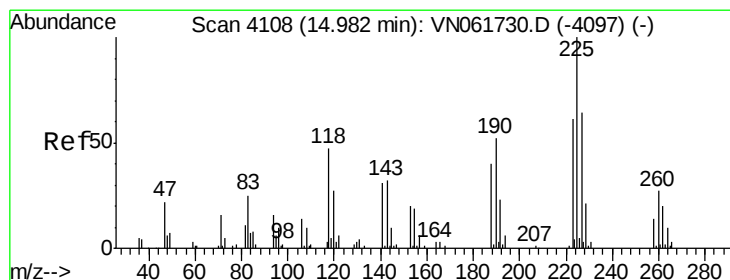
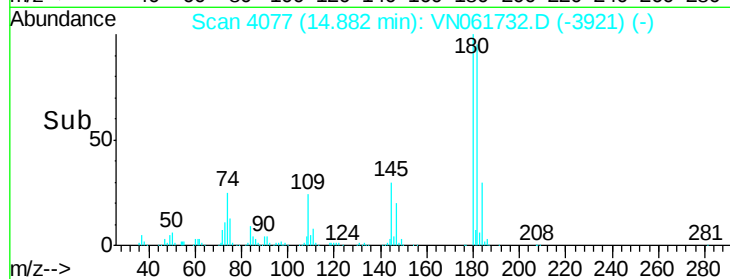
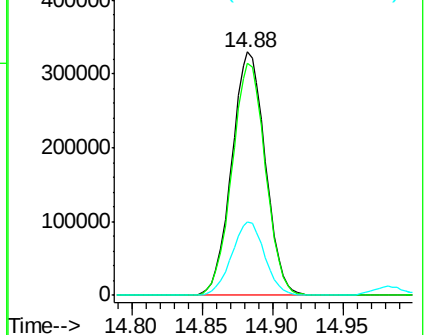
145 29.7 24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 118.21 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. 0.00 min

Lab File: VN061732.D

Acq: 10 Jun 2020 11:41

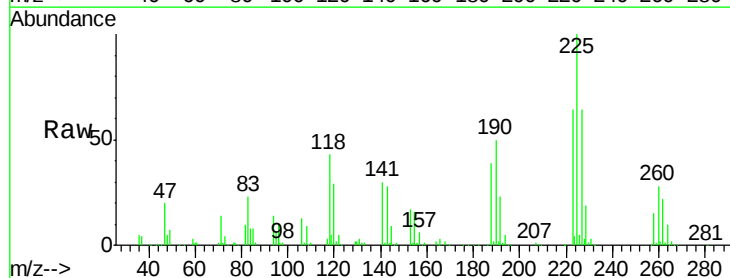
Tgt Ion:225 Resp: 219931

Ion Ratio Lower Upper

225 100

223 63.1 0.0 121.6

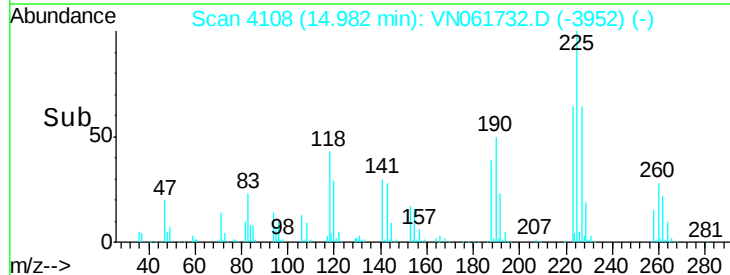
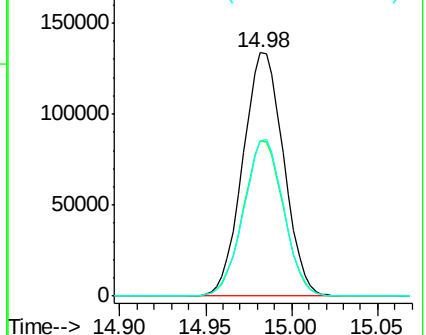
227 63.5 0.0 126.8

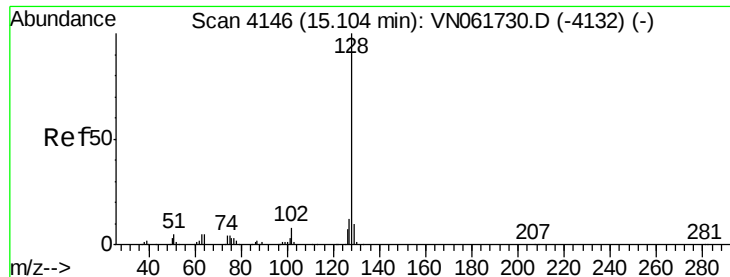


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

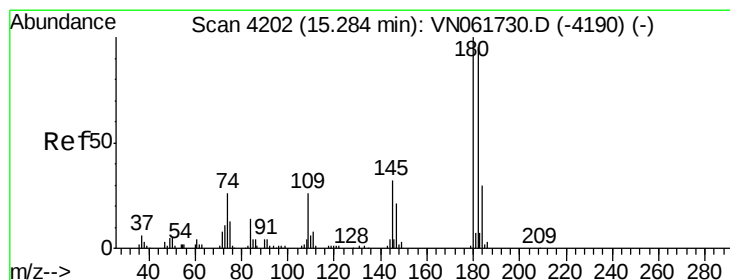
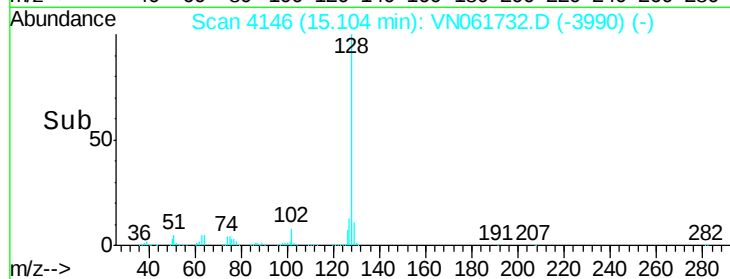
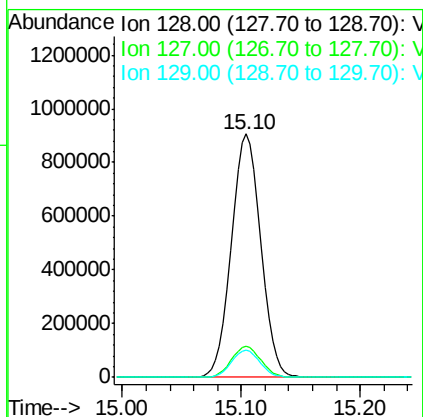
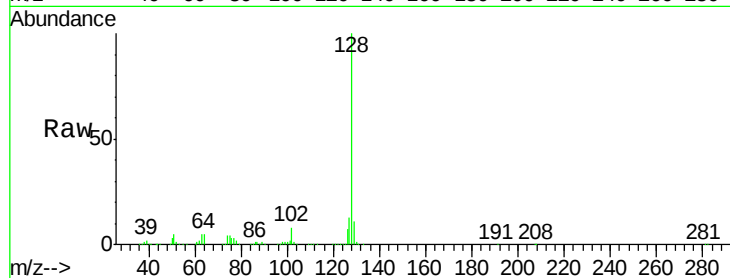




#91
Naphthalene
Concen: 113.37 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1552159
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 120.62 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061732.D
Acq: 10 Jun 2020 11:41

Tgt Ion:180 Resp: 524780
Ion Ratio Lower Upper
180 100
182 96.1 0.0 191.0
145 31.7 0.0 64.6

