

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055726.D
 Acq On : 22 May 2019 18:12
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: May 23 05:37:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:31:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	57855	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	319883	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	286900	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	113096	25.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	85.50%
60) 4-Bromofluorobenzene	12.40	95	138662	31.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.30%
63) Toluene-d8	10.09	98	386057	28.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	235783	77.685	ug/l 97
3) Chloromethane	2.06	50	341300	79.544	ug/l 98
4) Vinyl Chloride	2.18	62	351546	96.999	ug/l 100
5) Bromomethane	2.53	94	214850	104.029	ug/l 100
6) Chloroethane	2.68	64	198319	96.670	ug/l 94
7) Trichlorofluoromethane	3.00	101	443301	85.869	ug/l 98
8) Diethyl Ether	3.40	74	195272	91.097	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	281392	85.707	ug/l 99
10) 1,1-Dichloroethene	3.72	96	293582	93.809	ug/l 99
11) Methyl Iodide	3.94	142	446246	92.319	ug/l 99
12) Methyl Acetate	4.33	43	334224	76.437	ug/l 99
13) Acrolein	3.60	56	237253	895.433	ug/l 99
14) Acrylonitrile	4.99	53	817749	500.934	ug/l 100
15) Acetone	3.82	58	240882	574.625	ug/l 99
16) Carbon Disulfide	4.04	76	848566	97.901	ug/l 99
17) Allyl chloride	4.31	41	530596	80.680	ug/l 98
18) Methylene Chloride	4.54	84	336303	88.259	ug/l 98
19) trans-1,2-Dichloroethene	5.03	96	314228	92.419	ug/l 97
20) Diisopropyl ether	5.96	45	1032040	78.809	ug/l 94
21) 1,1-Dichloroethane	5.84	63	583269	84.144	ug/l 99
22) cis-1,2-Dichloroethene	6.83	96	372617	94.014	ug/l 98
23) tert-Butyl Alcohol	4.81	59	366111	806.699	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	1000748	97.131	ug/l 99
25) Chloroform	7.37	83	573012	87.207	ug/l 100
26) Cyclohexane	7.65	56	542369	88.552	ug/l # 99
29) 1,1-Dichloropropene	7.79	75	441878	89.090	ug/l 99
30) 2-Butanone	6.84	43	1127787	532.316	ug/l 100
31) 2,2-Dichloropropane	6.82	77	488226	99.479	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	512456	91.870	ug/l 99
33) Carbon Tetrachloride	7.77	117	459425	96.805	ug/l 99
34) Benzene	8.04	78	1351897	90.657	ug/l # 92
35) Methacrylonitrile	7.18	41	218390	96.428	ug/l 98
36) 1,2-Dichloroethane	8.12	62	440400	84.244	ug/l 100
37) Trichloroethene	8.83	130	377139	98.209	ug/l 100
38) Methylcyclohexane	9.08	83	555946	101.459	ug/l 98
39) 1,2-Dichloropropane	9.12	63	361989	85.983	ug/l 98
40) Dibromomethane	9.21	93	232127	93.792	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055726.D
 Acq On : 22 May 2019 18:12
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 23 05:37:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:31:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	476158	93.267	ug/l	100
42) Vinyl Acetate	5.90	43	4469170	456.360	ug/l	100
43) Ethyl Acetate	6.93	43	442754	101.311	ug/l #	100
44) Isopropyl Acetate	8.17	43	757682	97.378	ug/l #	88
45) 1,4-Dioxane	9.20	88	139408	2990.868	ug/l	95
46) Methyl methacrylate	9.20	41	361051	98.310	ug/l	99
47) n-amyl Acetate	12.07	43	644209	110.610	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	545267	105.714	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	591205	100.178	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	340709	99.180	ug/l	99
51) Ethyl methacrylate	10.43	69	560108	113.918	ug/l	99
52) 1,3-Dichloropropane	10.71	76	565591	93.790	ug/l	99
53) Dibromochloromethane	10.90	129	411730	112.039	ug/l	99
54) 1,2-Dibromoethane	11.01	107	357837	105.218	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	1100654	697.921	ug/l	100
56) Bromoform	12.13	173	338918	132.838	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	2234381	490.831	ug/l	99
59) 2-Hexanone	10.75	43	1613730	541.168	ug/l	100
61) Tetrachloroethene	10.63	164	368490	98.460	ug/l	98
62) Toluene	10.16	91	1491425	92.579	ug/l	99
64) Chlorobenzene	11.43	112	919234	95.830	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	363556	99.677	ug/l	99
66) Ethyl Benzene	11.51	91	1643526	95.108	ug/l	100
67) m/p-Xylenes	11.62	106	1253162	197.465	ug/l	100
68) o-Xylene	11.95	106	613375	97.273	ug/l	100
69) Styrene	11.96	104	1055528	106.033	ug/l	98
70) Isopropylbenzene	12.25	105	1597819	96.293	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	484523	102.789	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	614252	149.139	ug/l	68
73) Bromobenzene	12.53	156	435735	107.727	ug/l	100
74) n-propylbenzene	12.59	91	1776061	96.506	ug/l	100
75) 2-Chlorotoluene	12.67	91	1065375	94.314	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	1336263	97.606	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	170610	140.830	ug/l	99
78) 4-Chlorotoluene	12.77	91	1064903	99.441	ug/l	99
79) tert-butylbenzene	12.99	119	1149831	97.098	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	1346866	101.930	ug/l	99
81) sec-Butylbenzene	13.17	105	1498588	96.665	ug/l	100
82) p-Isopropyltoluene	13.29	119	1401930	106.507	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	726879	111.295	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	702379	114.014	ug/l	99
85) n-Butylbenzene	13.61	91	1156751	114.156	ug/l	99
86) Hexachloroethane	13.87	117	270561	115.515	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	707908	108.239	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	93751	126.365	ug/l	98
89) 1,2,4-Trichlorobenzene	14.91	180	440172	158.641	ug/l	99
90) Hexachlorobutadiene	15.01	225	271134	118.402	ug/l	98
91) Naphthalene	15.13	128	1166656	171.976	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	439475	150.527	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
Data File : VN055726.D
Acq On : 22 May 2019 18:12
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: May 23 05:37:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:31:08 2019
Response via : Initial Calibration

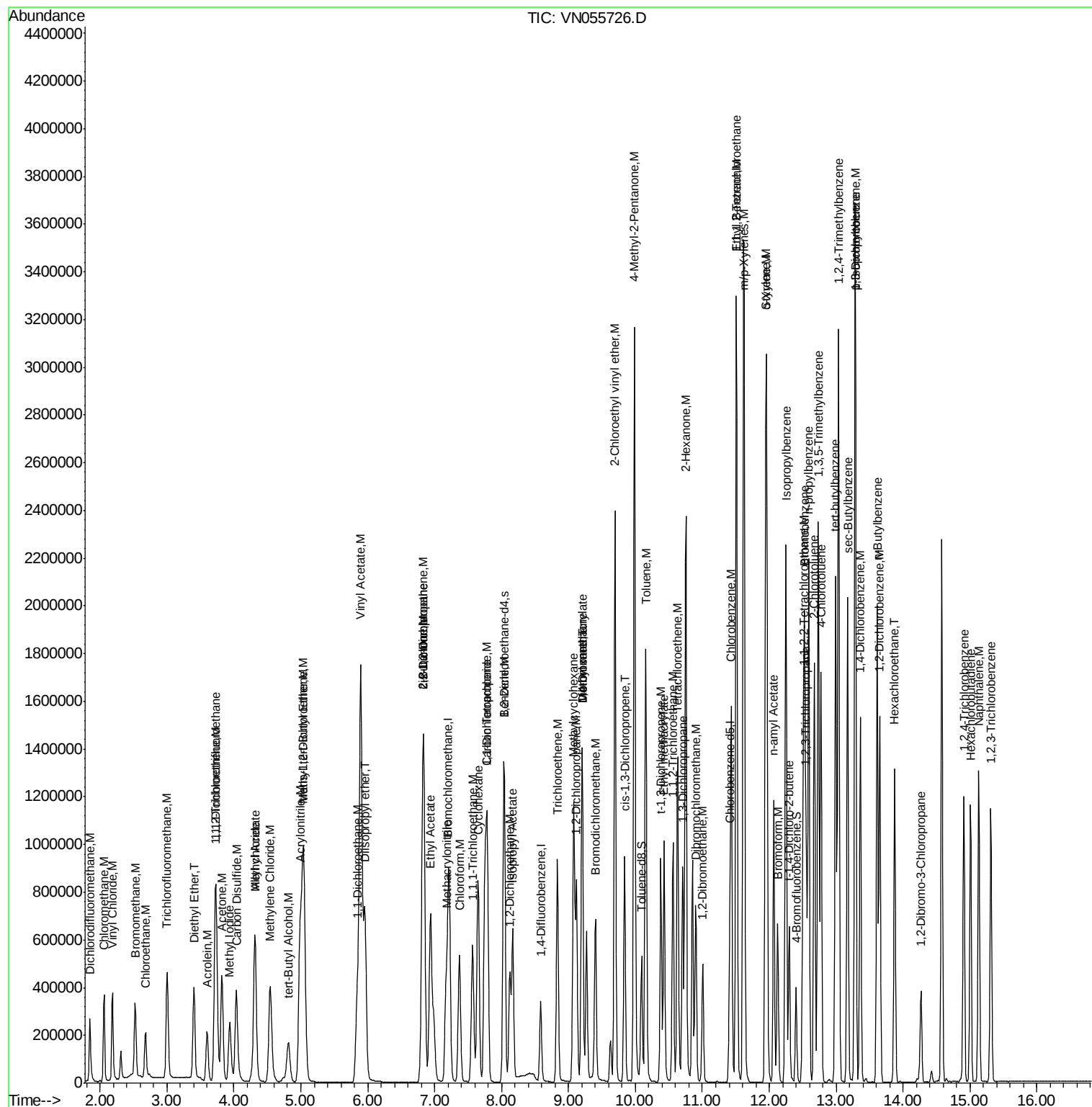
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

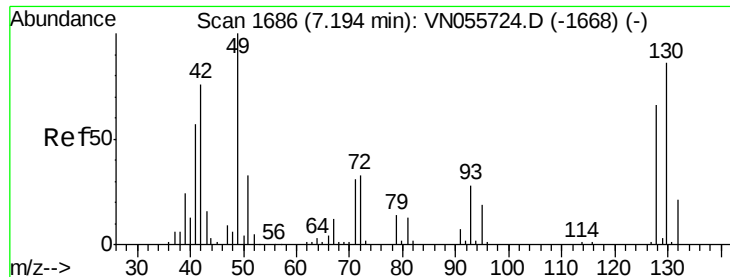
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
Data File : VN055726.D
Acq On : 22 May 2019 18:12
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: May 23 05:37:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 23 05:31:08 2019
Response via : Initial Calibration

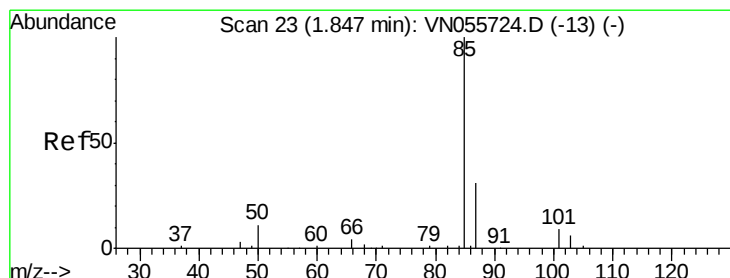
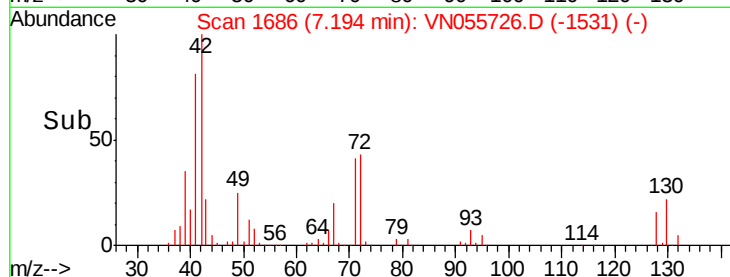
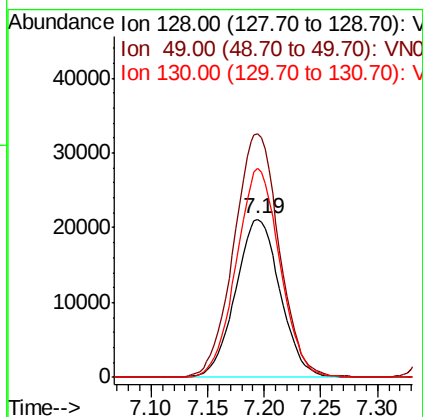
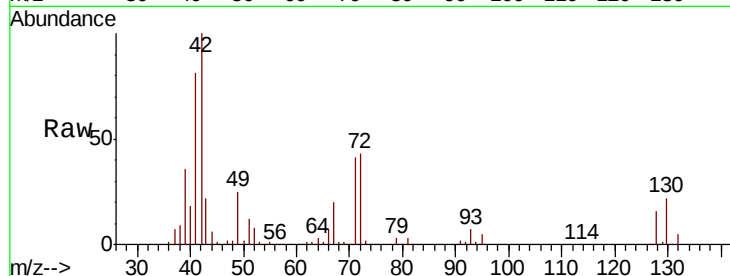




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

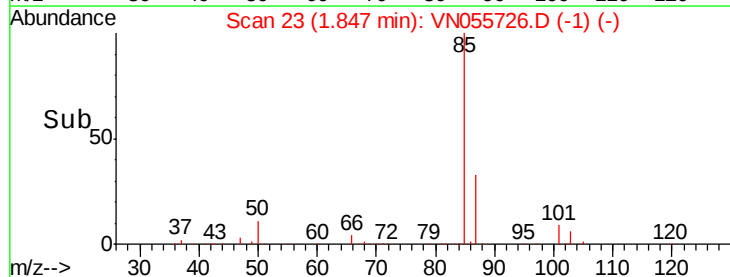
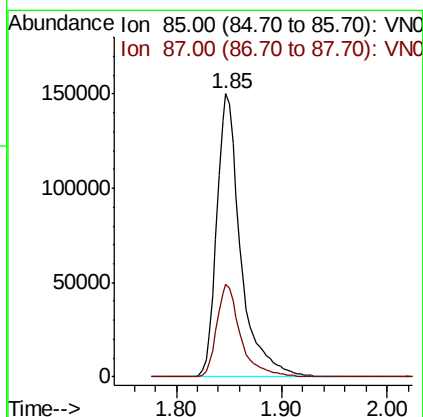
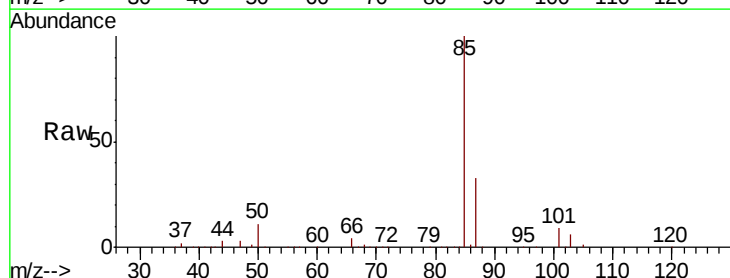
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

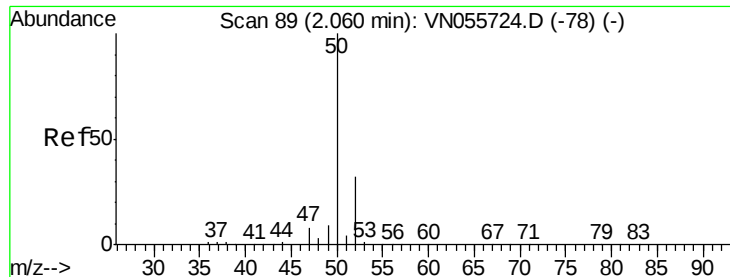
Tot Ion:128 Resp: 57855
 Ion Ratio Lower Upper
 128 100
 49 157.1 0.0 383.2
 130 129.6 0.0 326.3



#2
 Dichlorodifluoromethane
 Concen: 77.685 ug/l
 RT: 1.85 min Scan# 23
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion: 85 Resp: 235783
 Ion Ratio Lower Upper
 85 100
 87 32.8 15.7 47.0





#3

Chloromethane

Concen: 79.544 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

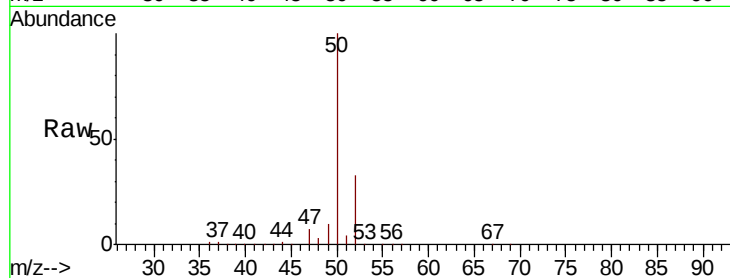
VSTDICC100

Tot Ion: 50 Resp: 341300

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.06

200000

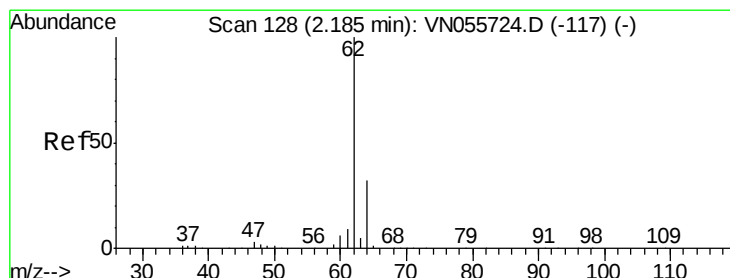
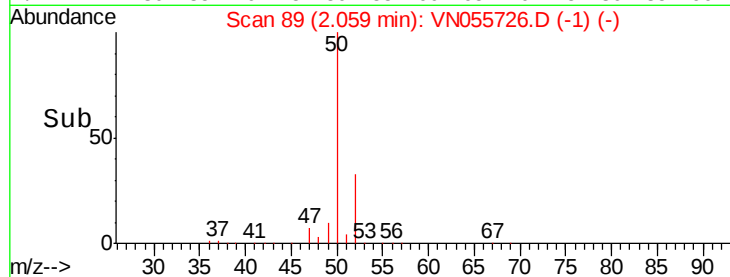
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 96.999 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055726.D

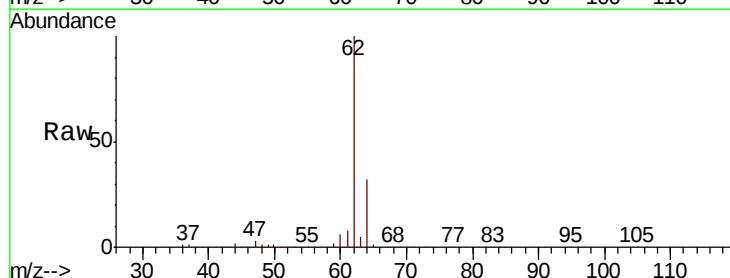
Acq: 22 May 2019 18:12

Tgt Ion: 62 Resp: 351546

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.18

250000

200000

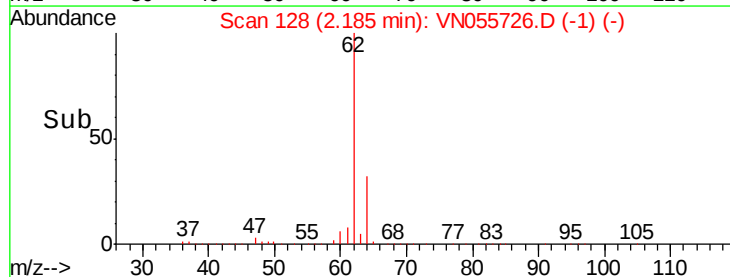
150000

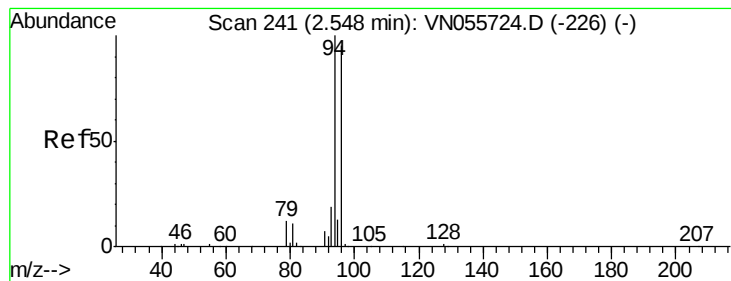
100000

50000

0

Time-->





#5

Bromomethane

Concen: 104.029 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.02 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

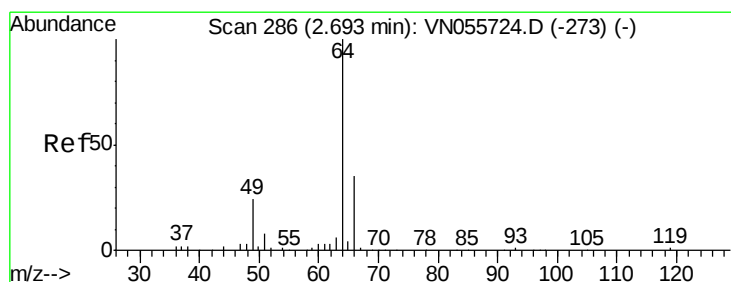
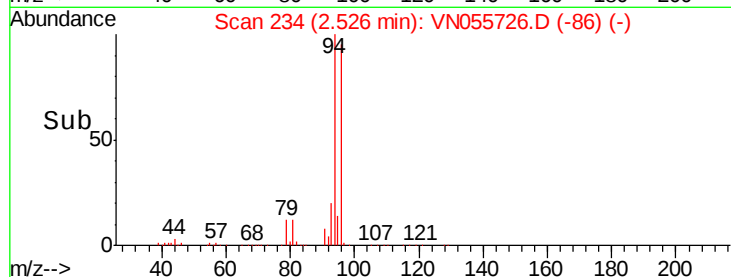
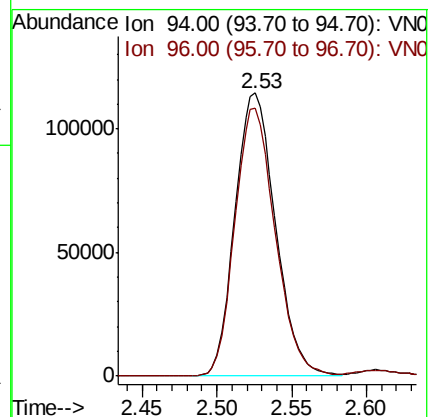
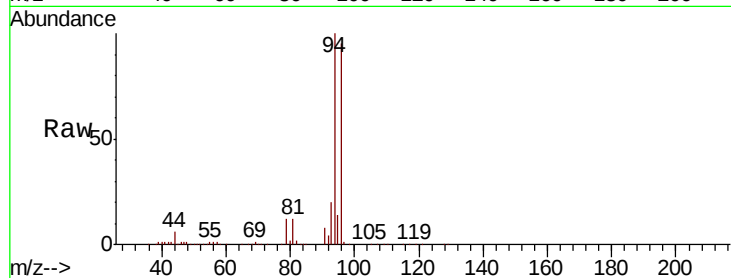
VSTDIC100

Tot Ion: 94 Resp: 214850

Ion Ratio Lower Upper

94 100

96 94.4 75.8 113.8



#6

Chloroethane

Concen: 96.670 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN055726.D

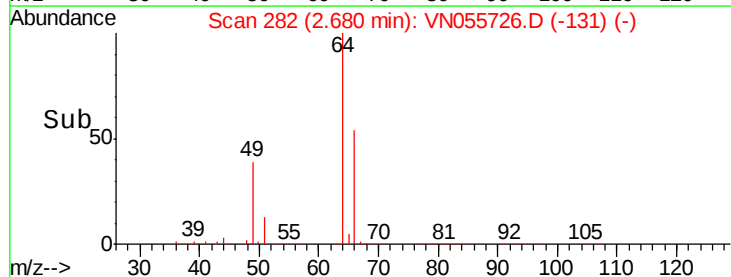
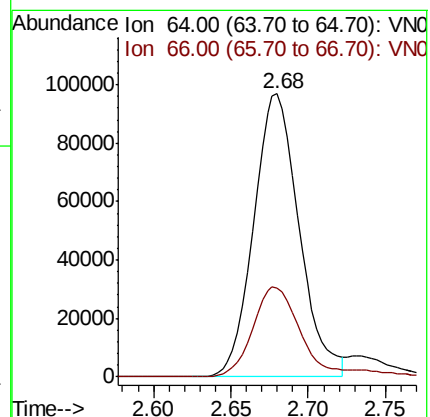
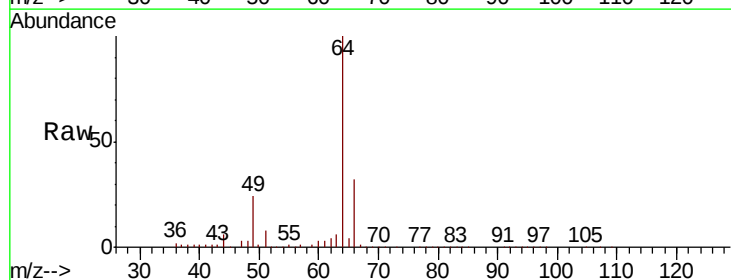
Acq: 22 May 2019 18:12

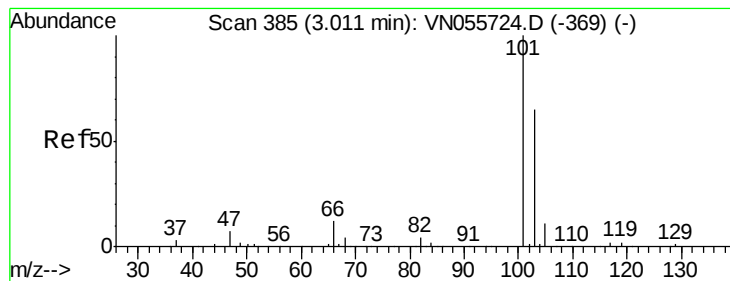
Tgt Ion: 64 Resp: 198319

Ion Ratio Lower Upper

64 100

66 31.5 27.9 41.9



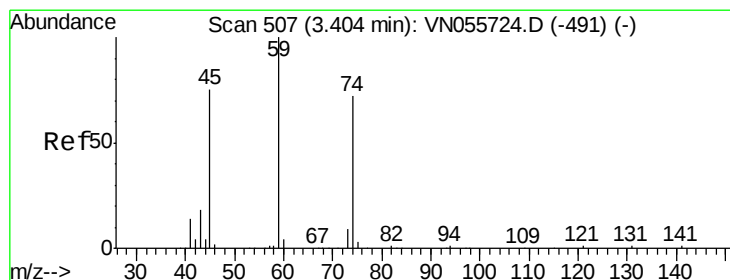
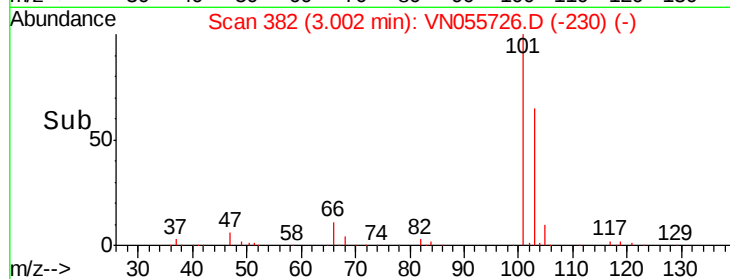
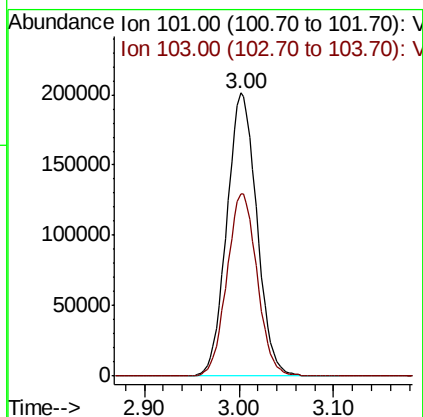
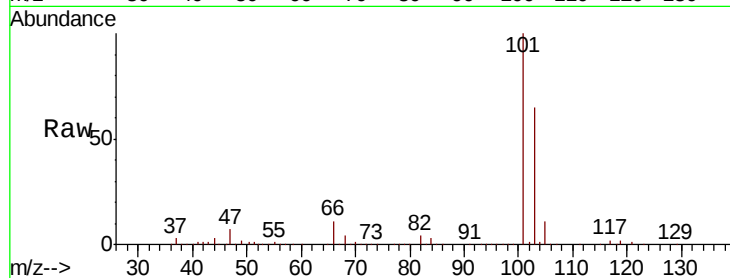


#7

Trichlorofluoromethane
 Concen: 85.869 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

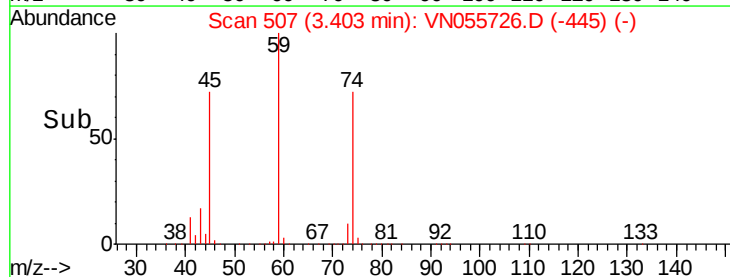
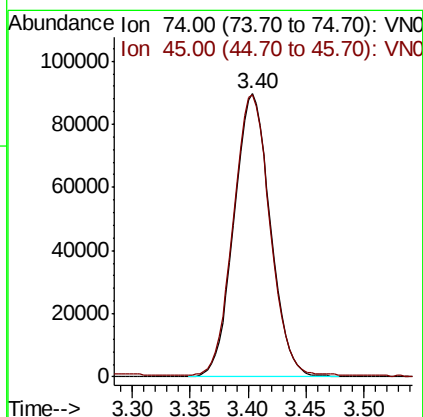
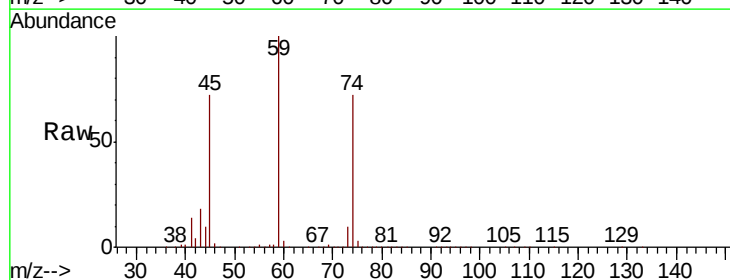
Tot Ion:101 Resp: 443301
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 78.8

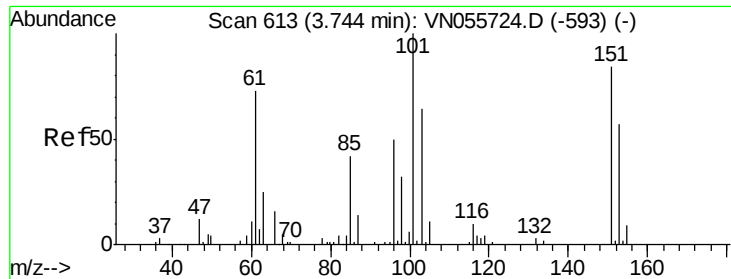


#8

Diethyl Ether
 Concen: 91.097 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion: 74 Resp: 195272
 Ion Ratio Lower Upper
 74 100
 45 99.2 20.4 184.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 85.707 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

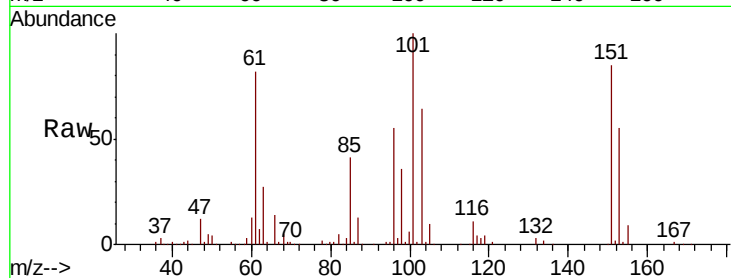
Tot Ion:101 Resp: 281392

Ion Ratio Lower Upper

101 100

85 42.1 0.0 86.6

151 85.8 0.0 172.2

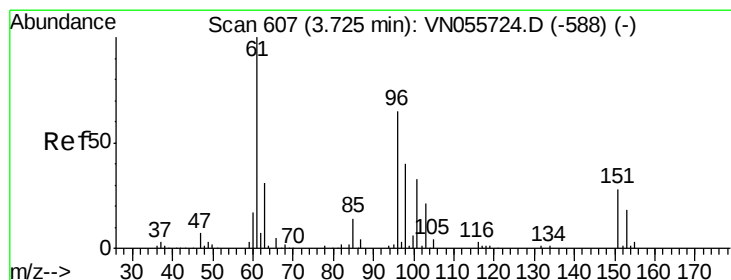
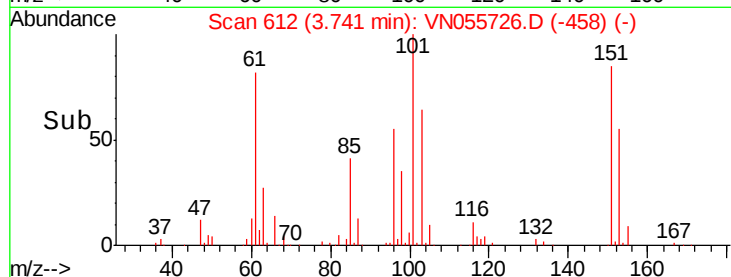
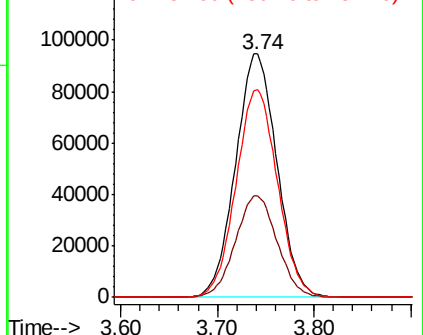


Abundance

Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 93.809 ug/l

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

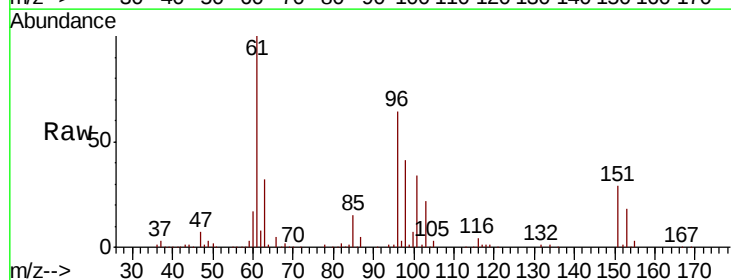
Tgt Ion: 96 Resp: 293582

Ion Ratio Lower Upper

96 100

61 155.7 123.7 185.5

98 63.8 50.0 75.0

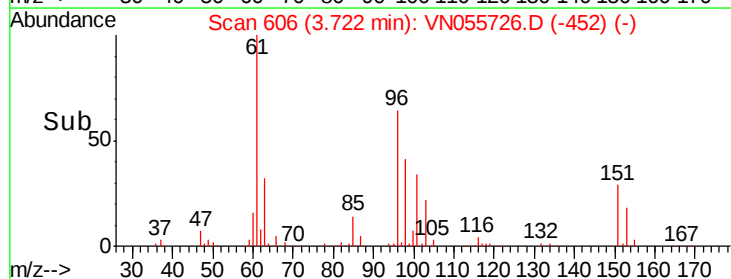
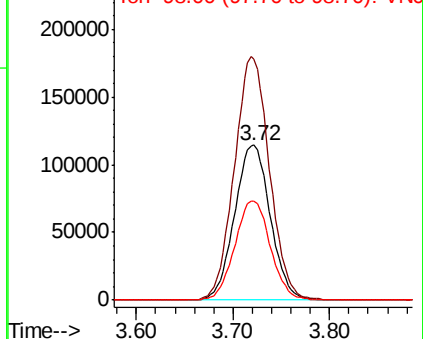


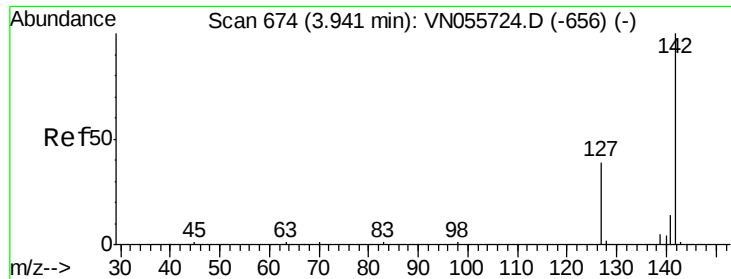
Abundance

Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

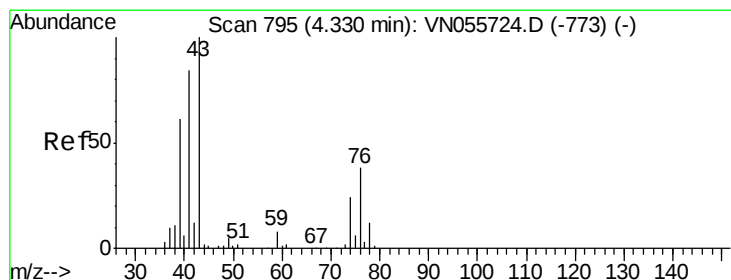
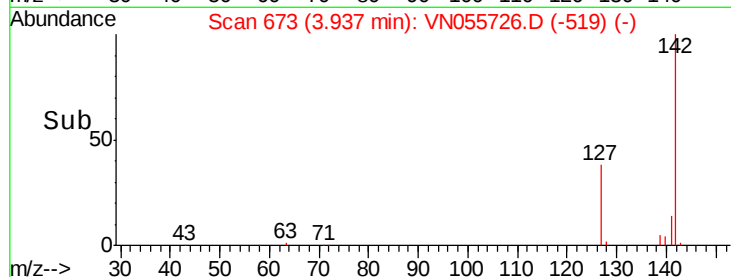
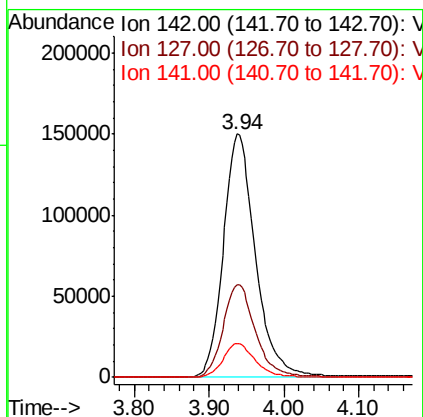
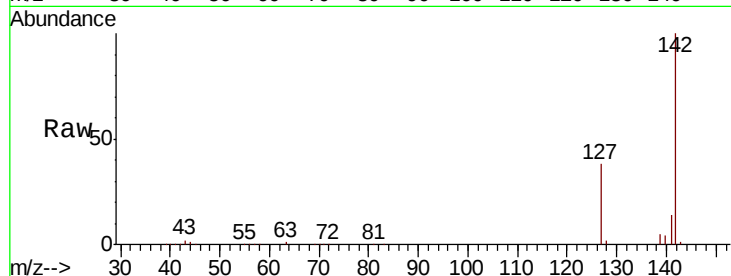




#11
Methvl Iodide
Concen: 92.319 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

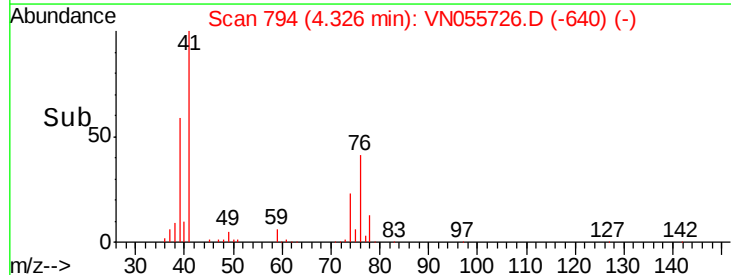
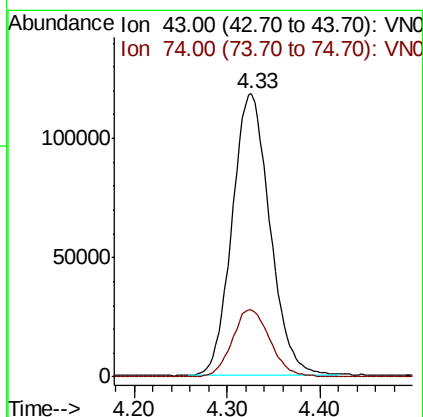
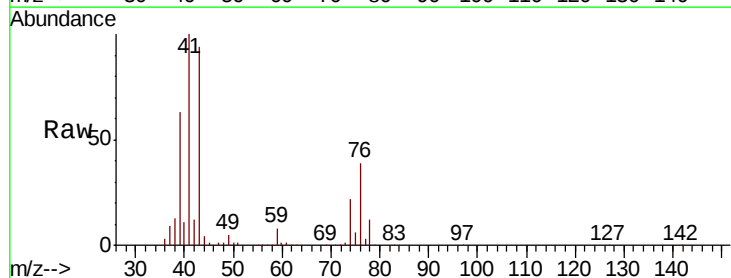
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

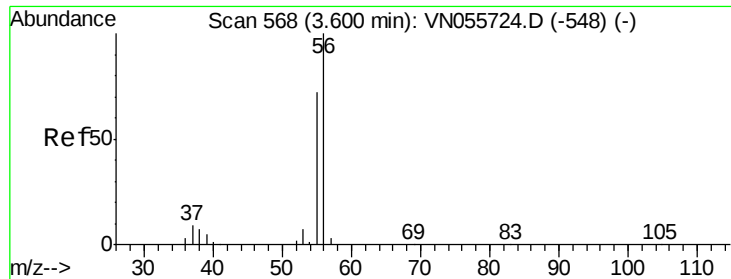
Tot Ion:142 Resp: 446246
Ion Ratio Lower Upper
142 100
127 38.2 19.6 58.7
141 13.9 6.9 20.6



#12
Methyl Acetate
Concen: 76.437 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 43 Resp: 334224
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8





#13

Acrolein

Concen: 895.433 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampled :

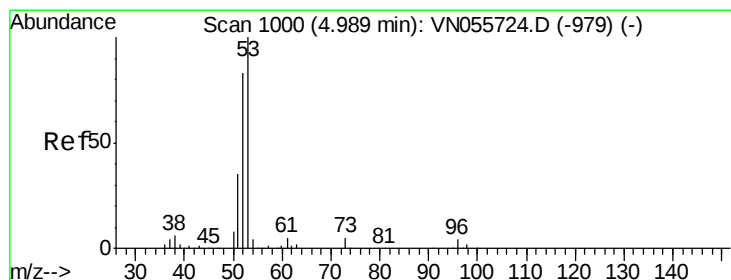
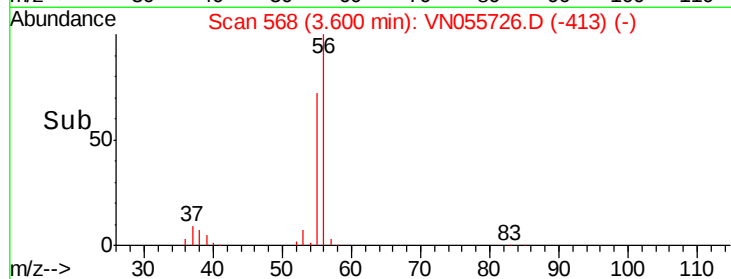
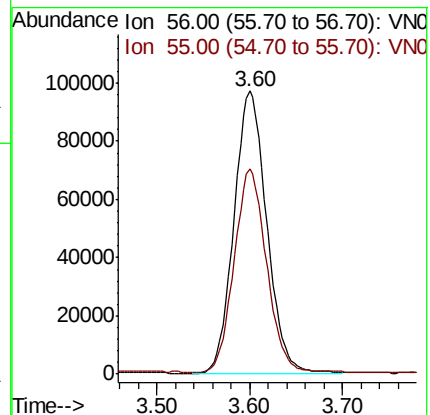
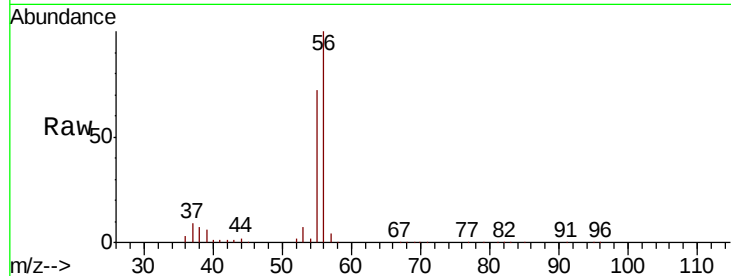
VSTDIC100

Tot Ion: 56 Resp: 237253

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.6



#14

Acrylonitrile

Concen: 500.934 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

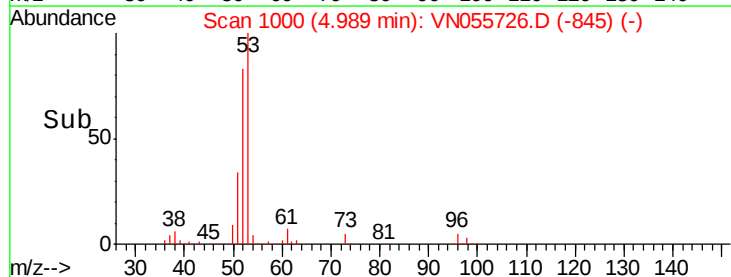
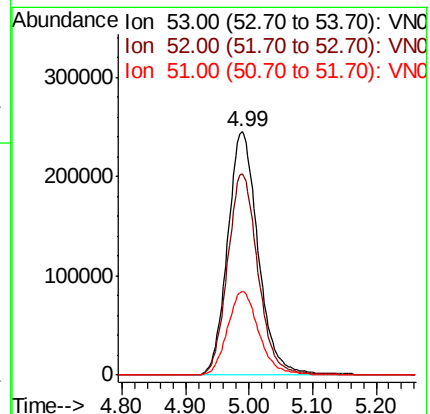
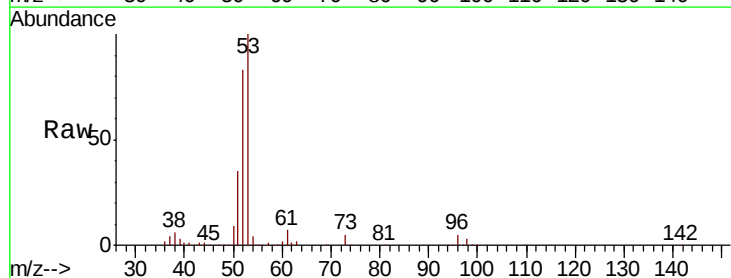
Tgt Ion: 53 Resp: 817749

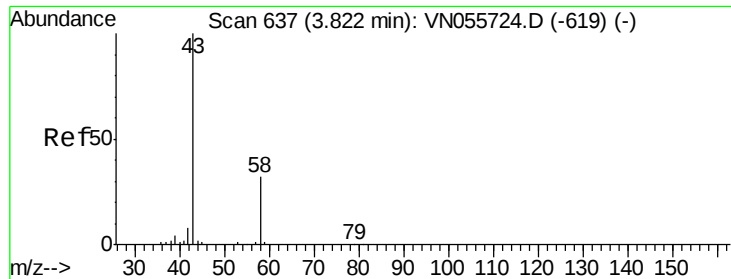
Ion Ratio Lower Upper

53 100

52 82.3 41.1 123.4

51 35.4 17.5 52.6





#15

Acetone

Concen: 574.625 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

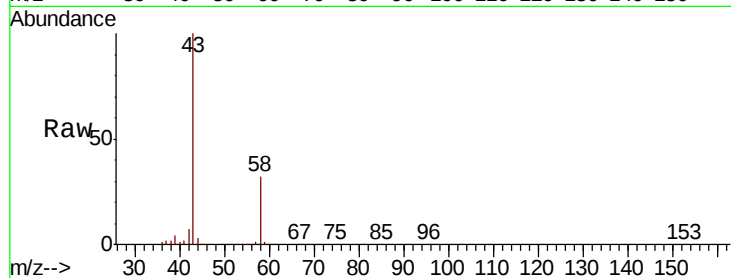
VSTDIC100

Tot Ion: 58 Resp: 240882

Ion Ratio Lower Upper

58 100

43 308.1 248.8 373.2



Abundance Ion 58.00 (57.70 to 58.70): VN055726.D (-482) (-)

Ion 43.00 (42.70 to 43.70): VN055726.D (-482) (-)

300000

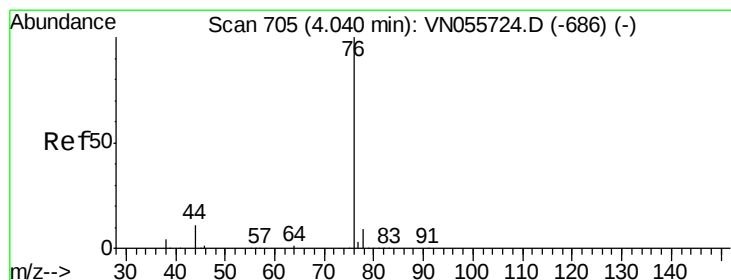
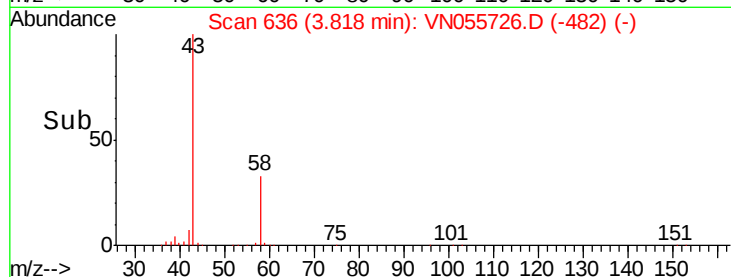
200000

100000

0

3.70 3.80 3.90

Time-->



#16

Carbon Disulfide

Concen: 97.901 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055726.D

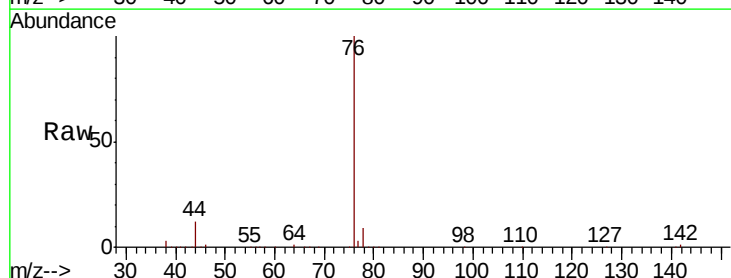
Acq: 22 May 2019 18:12

Tgt Ion: 76 Resp: 848566

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VN055726.D (-550) (-)

Ion 78.00 (77.70 to 78.70): VN055726.D (-550) (-)

300000

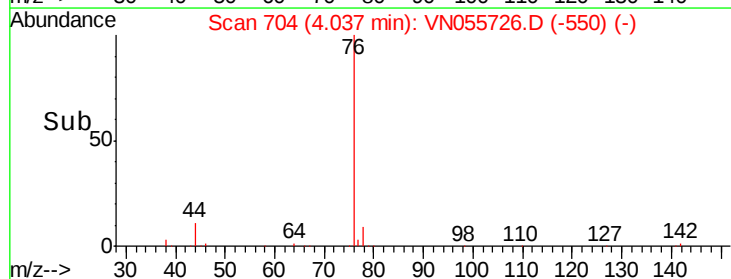
200000

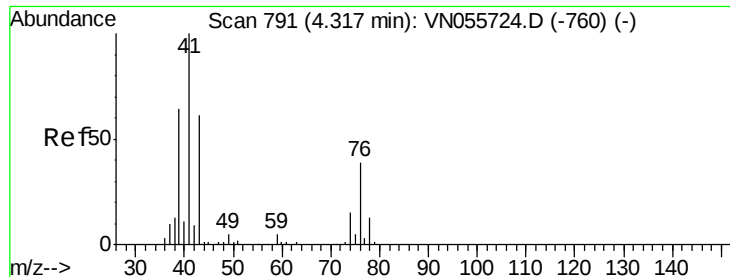
100000

0

3.90 4.00 4.10 4.20

Time-->

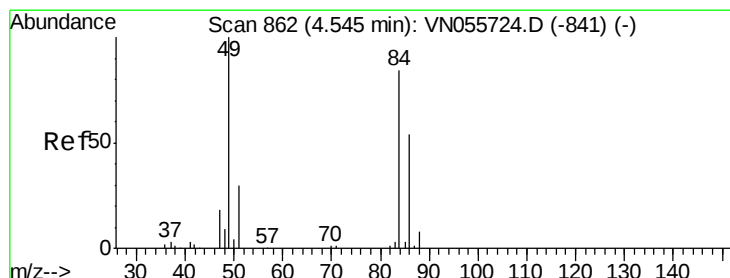
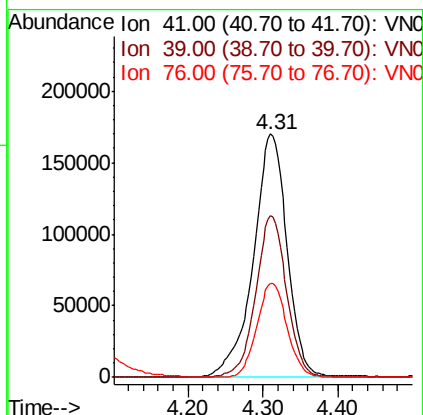
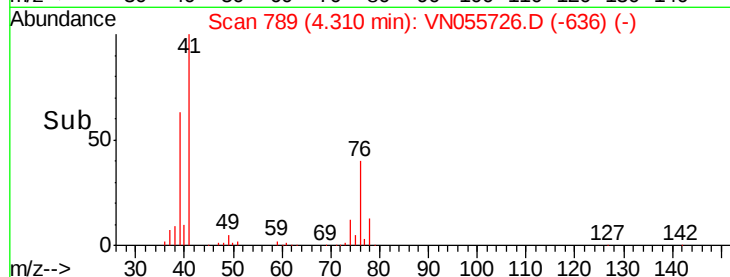
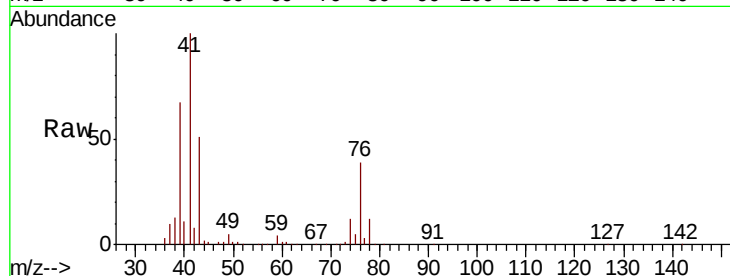




#17
Allvl chloride
Concen: 80.680 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

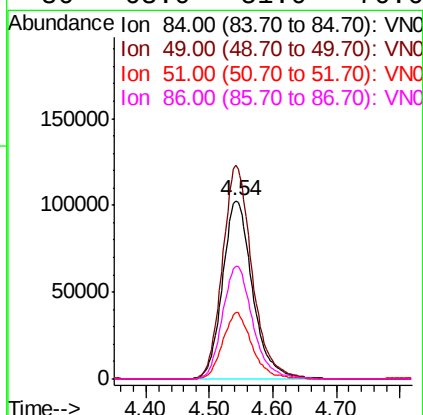
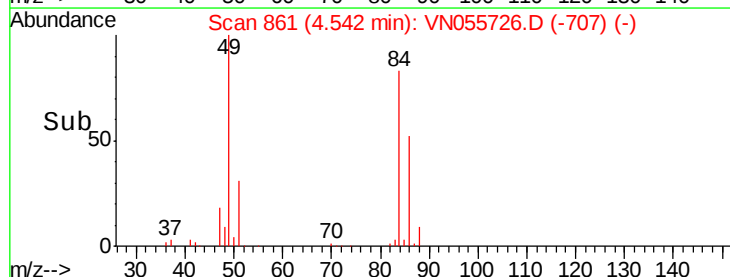
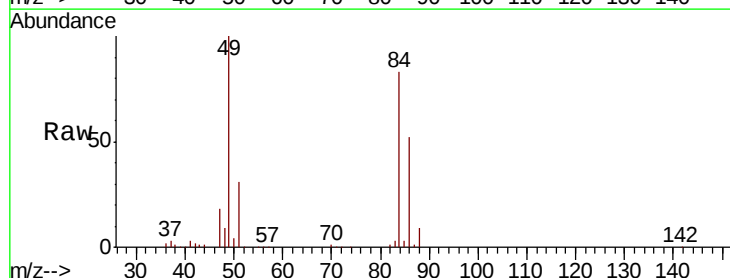
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

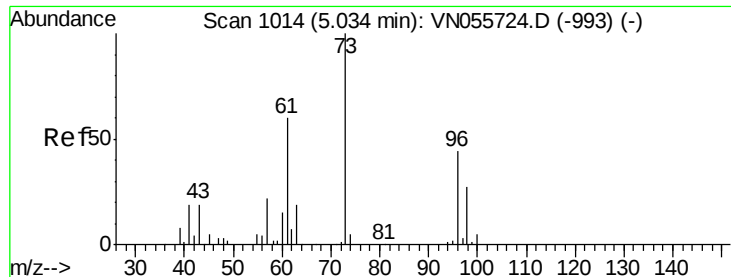
Tot Ion: 41 Resp: 530596
Ion Ratio Lower Upper
41 100
39 66.6 31.8 95.3
76 38.5 19.3 57.9



#18
Methylene Chloride
Concen: 88.259 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 84 Resp: 336303
Ion Ratio Lower Upper
84 100
49 120.0 94.7 142.1
51 37.4 28.6 43.0
86 63.0 51.0 76.6

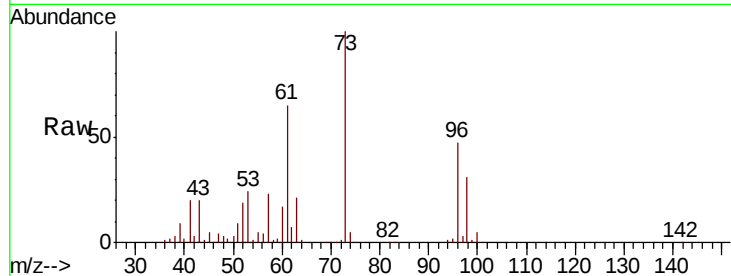




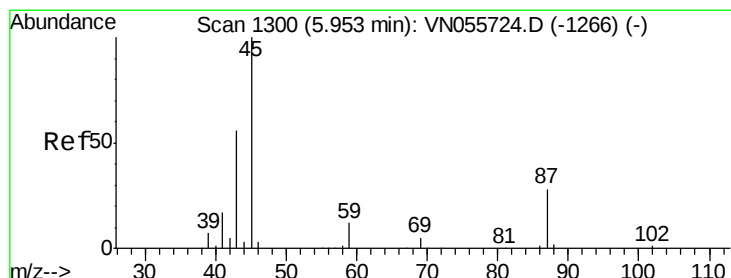
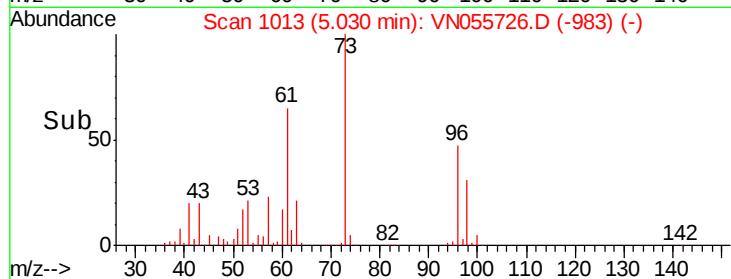
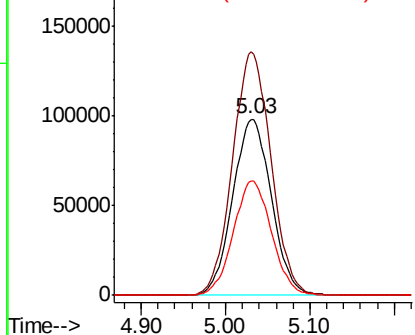
#19
trans-1,2-Dichloroethene
Concen: 92.419 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 96 Resp: 314228
Ion Ratio Lower Upper
96 100
61 138.0 108.5 162.7
98 65.0 49.4 74.2

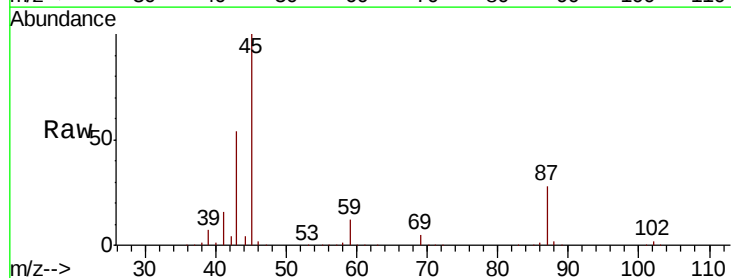


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

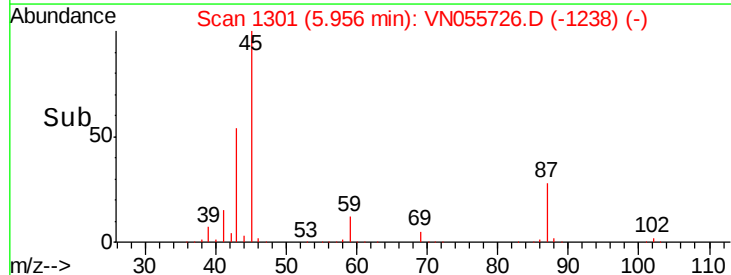
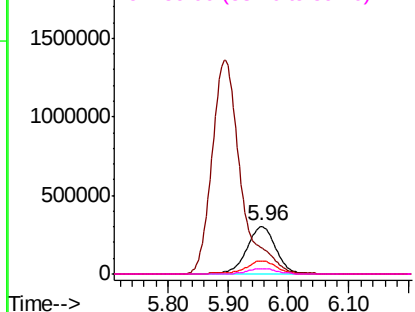


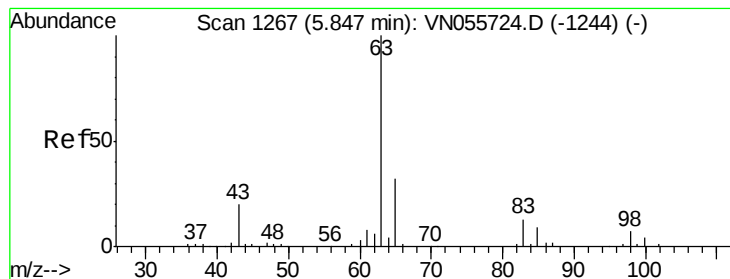
#20
Diisopropyl ether
Concen: 78.809 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 45 Resp: 1032040
Ion Ratio Lower Upper
45 100
43 53.1 48.6 73.0
87 27.9 22.6 34.0
59 11.6 9.4 14.2



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: 84.144 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

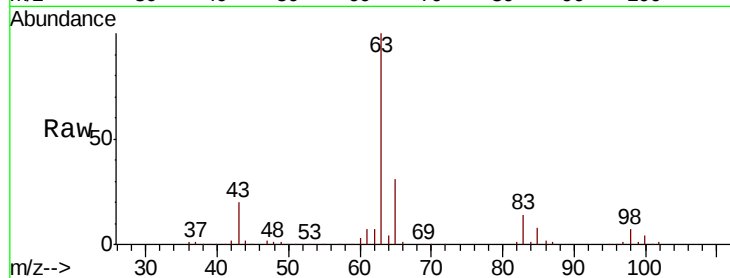
Tot Ion: 63 Resp: 583269

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

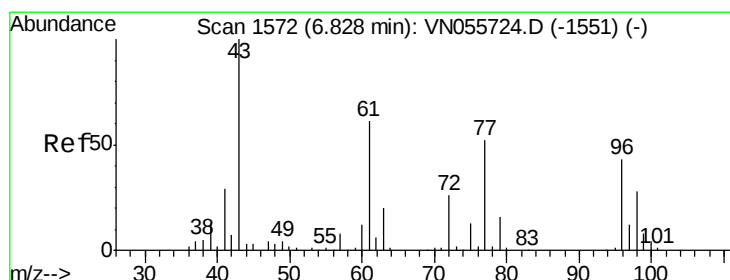
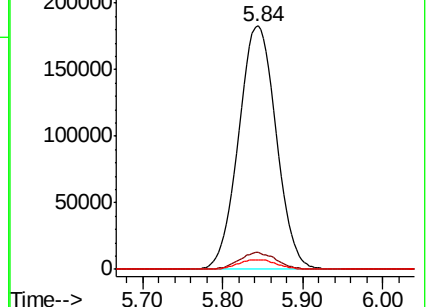
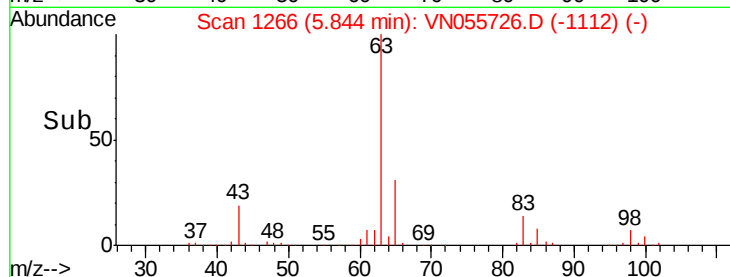
100 4.0 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VN055726.D (-1112) (-)

Ion 98.00 (97.70 to 98.70): VN055726.D (-1112) (-)

Ion 100.00 (99.70 to 100.70): VN055726.D (-1112) (-)



#22

cis-1,2-Dichloroethene

Concen: 94.014 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

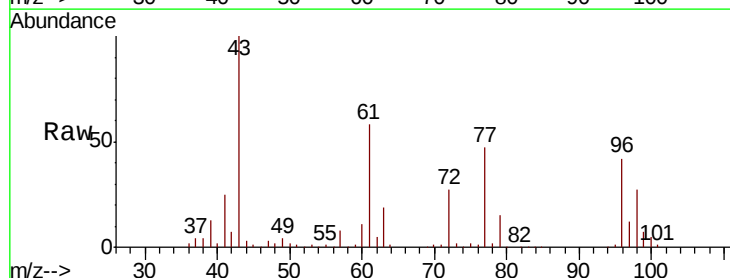
Tgt Ion: 96 Resp: 372617

Ion Ratio Lower Upper

96 100

61 141.2 115.7 173.5

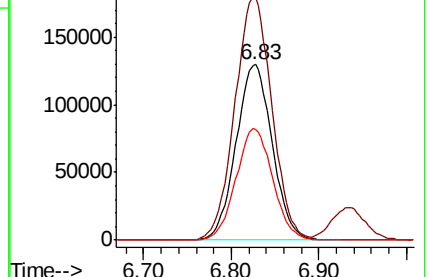
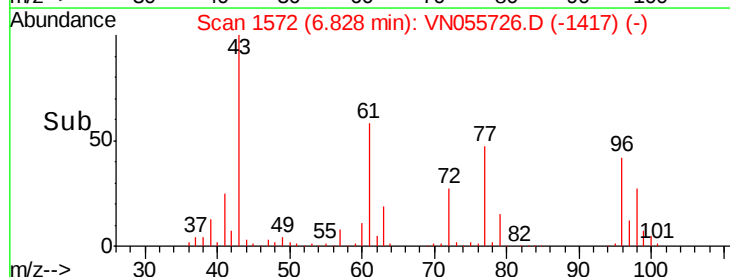
98 64.4 51.5 77.3

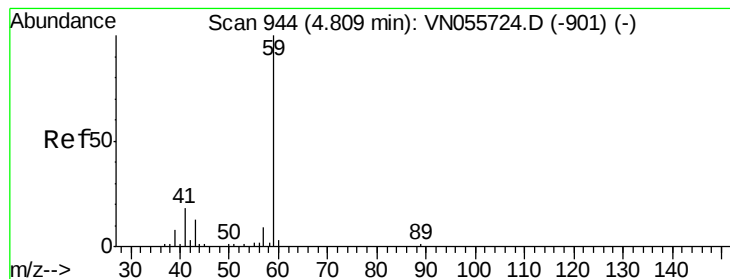


Abundance Ion 96.00 (95.70 to 96.70): VN055726.D (-1417) (-)

Ion 61.00 (60.70 to 61.70): VN055726.D (-1417) (-)

Ion 98.00 (97.70 to 98.70): VN055726.D (-1417) (-)





#23

tert-Butyl Alcohol

Concen: 806.699 ug/l

RT: 4.81 min Scan# 946

Delta R.T. 0.01 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

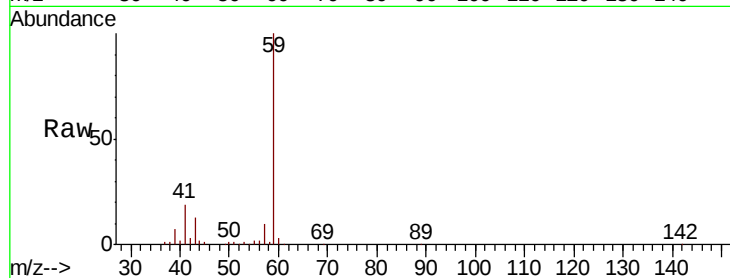
VSTDIC100

Tot Ion: 59 Resp: 366111

Ion Ratio Lower Upper

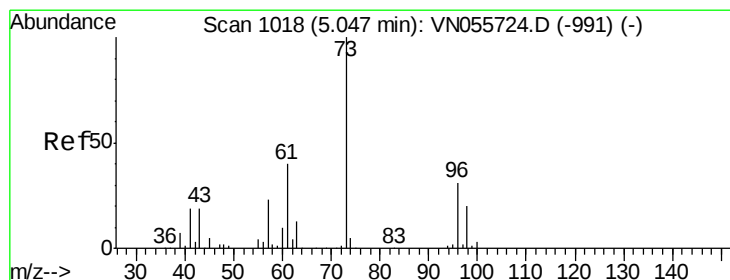
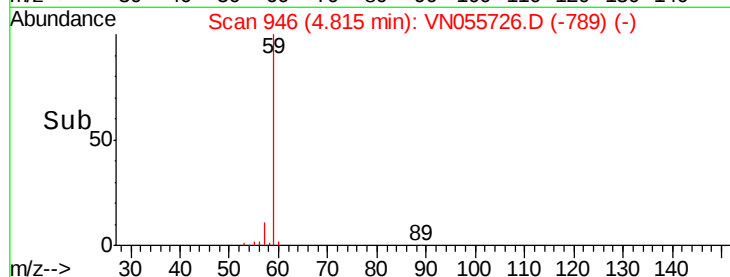
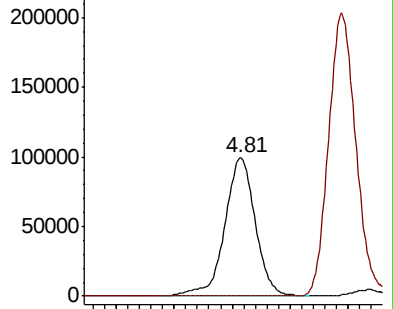
59 100

52 0.0 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VN055724.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN055724.D (-901) (-)



#24

Methyl tert-Butyl Ether

Concen: 97.131 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055726.D

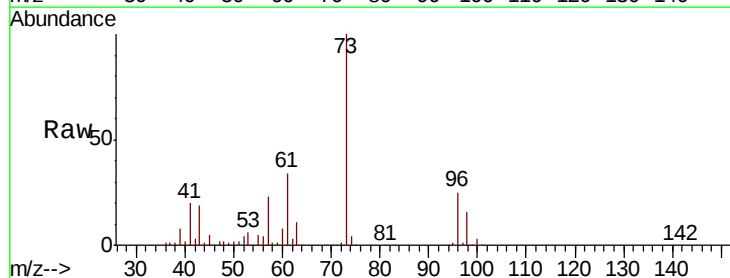
Acq: 22 May 2019 18:12

Tgt Ion: 73 Resp: 1000748

Ion Ratio Lower Upper

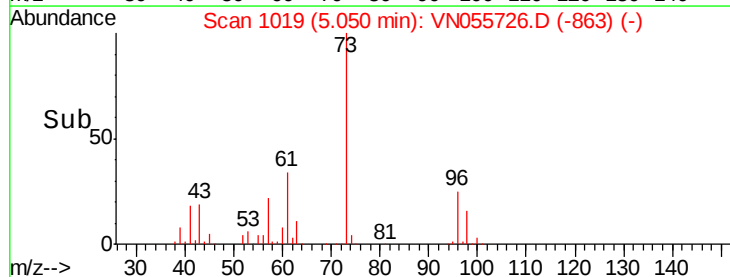
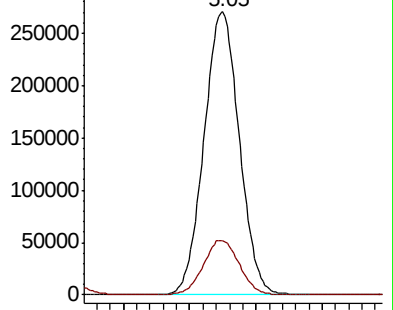
73 100

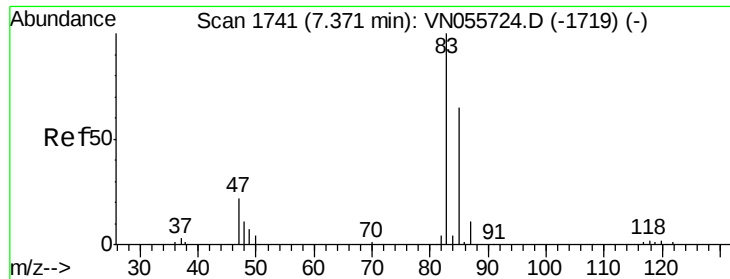
43 19.3 15.7 23.5



Abundance Ion 73.00 (72.70 to 73.70): VN055724.D (-991) (-)

Ion 43.00 (42.70 to 43.70): VN055724.D (-991) (-)

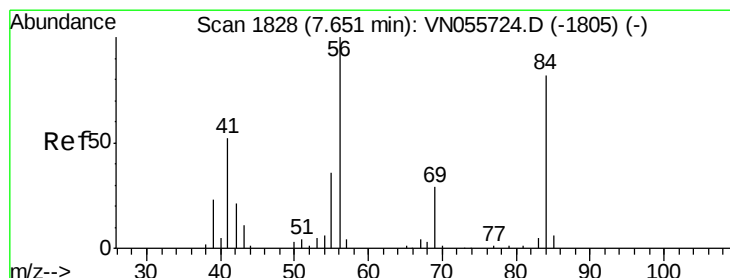
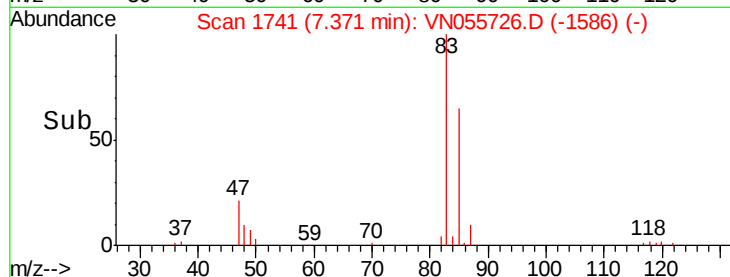
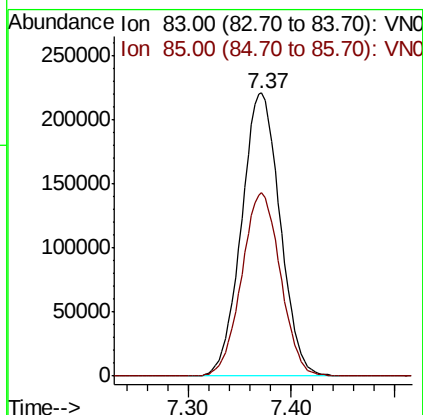
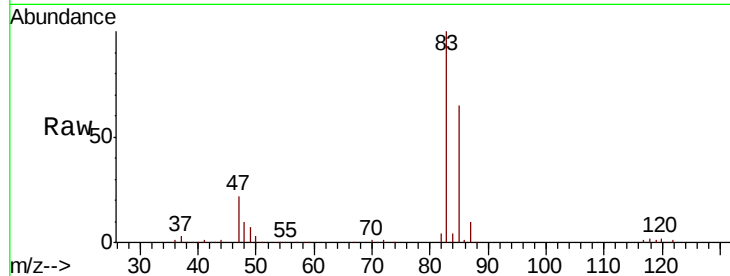




#25
Chloroform
Concen: 87.207 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

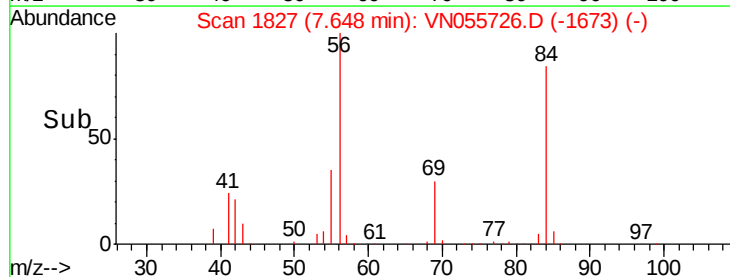
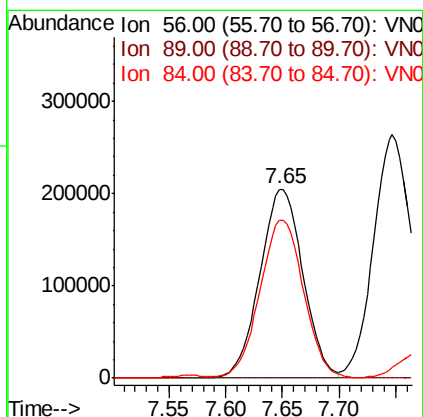
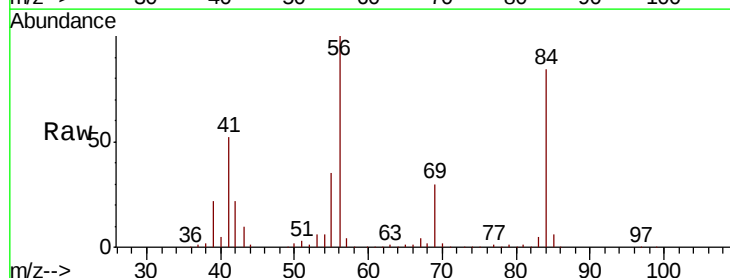
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

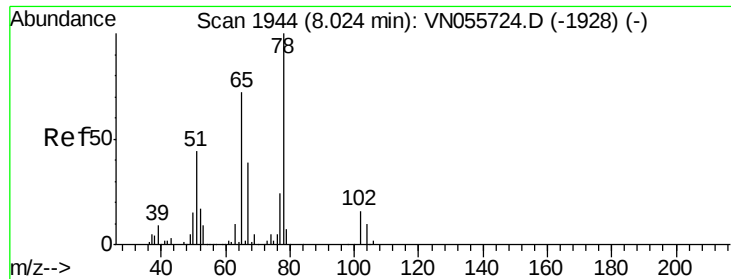
Tot Ion: 83 Resp: 573012
Ion Ratio Lower Upper
83 100
85 64.7 51.7 77.5



#26
Cyclohexane
Concen: 88.552 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 56 Resp: 542369
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.9 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 25.648 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampled :

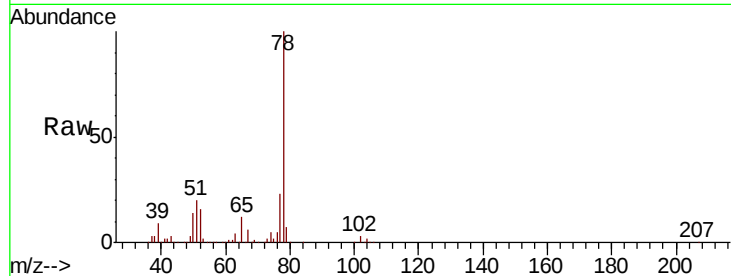
VSTDIC100

Tot Ion: 65 Resp: 113096

Ion Ratio Lower Upper

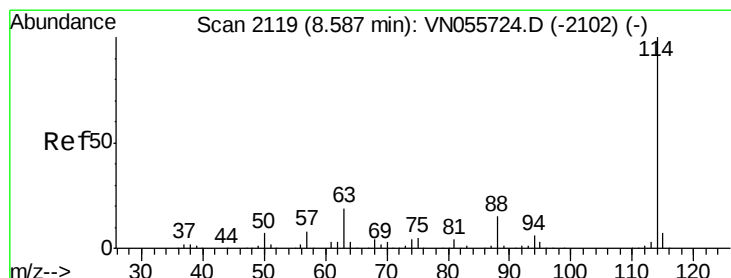
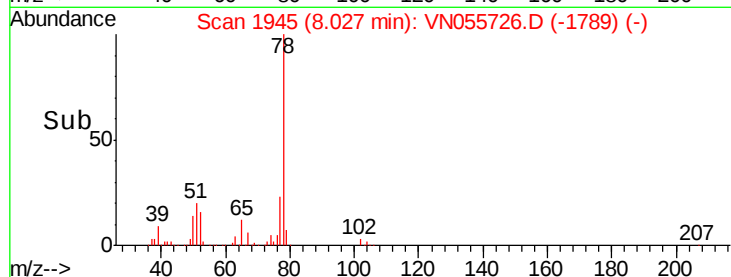
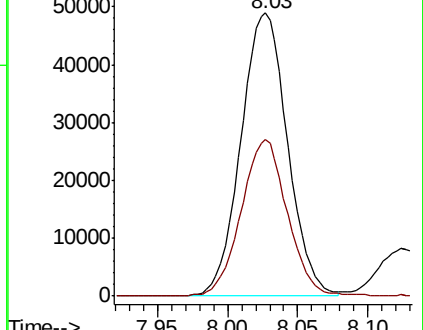
65 100

67 54.7 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VN055726.D (-1789) (-)

Ion 67.00 (66.70 to 67.70): VN055726.D (-1789) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

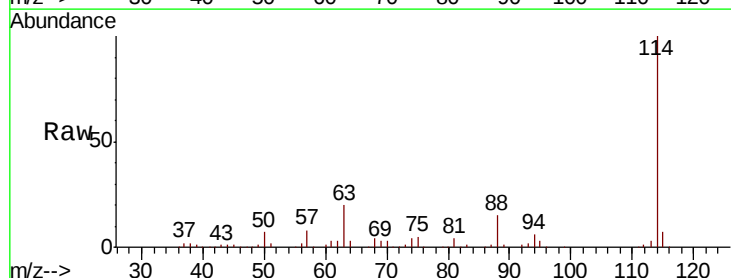
Tgt Ion: 114 Resp: 319883

Ion Ratio Lower Upper

114 100

63 19.7 15.6 23.4

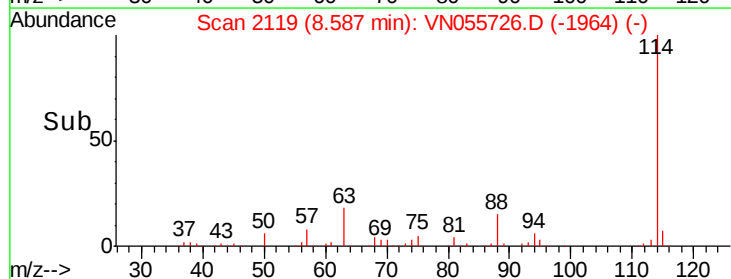
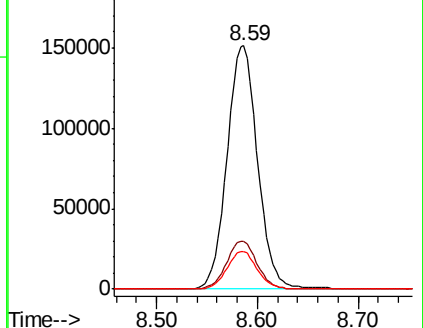
88 15.4 12.3 18.5

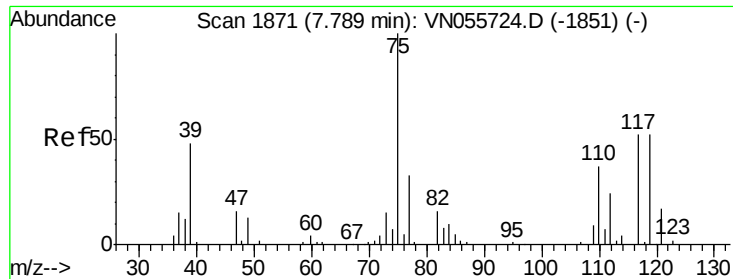


Abundance Ion 114.00 (113.70 to 114.70): VN055726.D (-1964) (-)

Ion 63.00 (62.70 to 63.70): VN055726.D (-1964) (-)

Ion 88.00 (87.70 to 88.70): VN055726.D (-1964) (-)

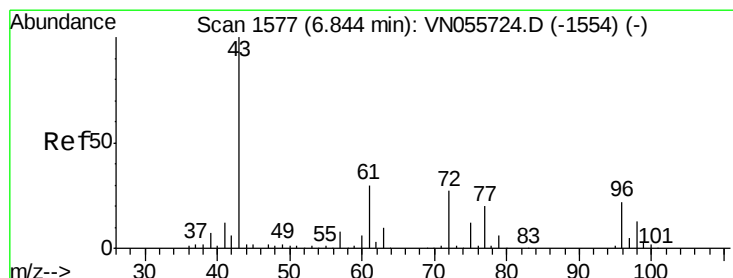
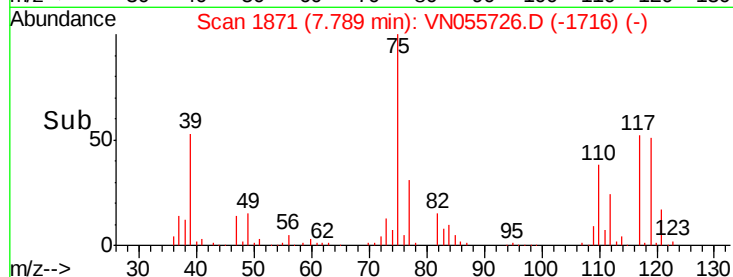
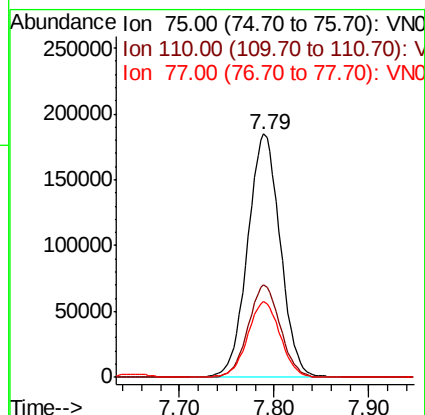
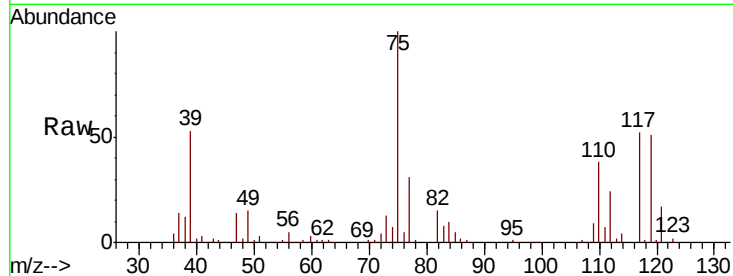




#29
 1,1-Dichloropropene
 Concen: 89.090 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

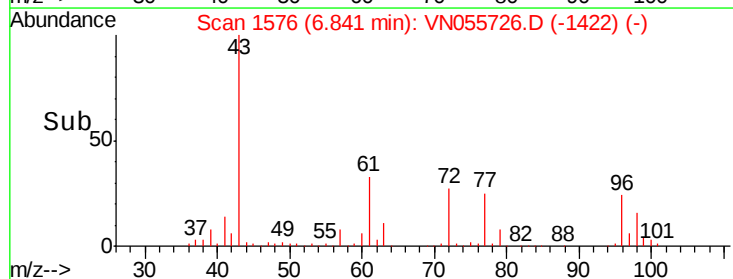
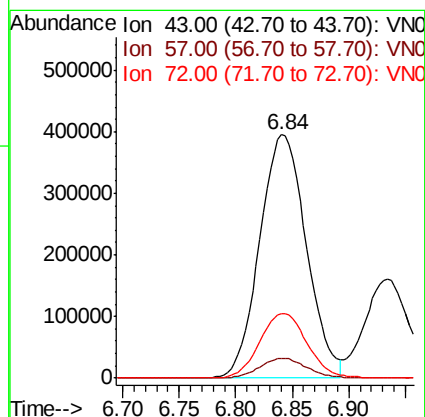
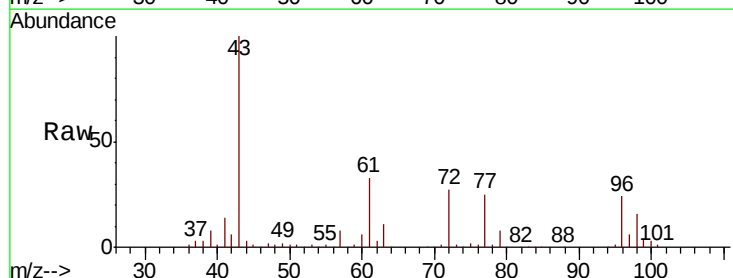
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

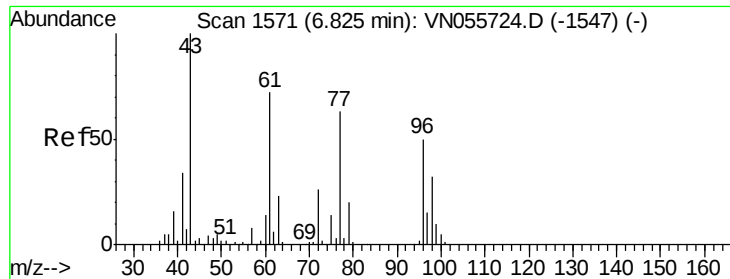
Tot Ion: 75 Resp: 441878
 Ion Ratio Lower Upper
 75 100
 110 37.3 0.0 74.8
 77 31.0 0.0 65.2



#30
 2-Butanone
 Concen: 532.316 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion: 43 Resp: 1127787
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.6 10.0
 72 27.1 21.7 32.5





#31

2,2-Dichloropropane

Concen: 99.479 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

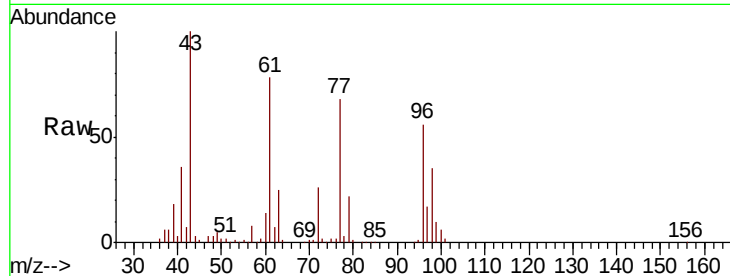
VSTDIC100

Tot Ion: 77 Resp: 488226

Ion Ratio Lower Upper

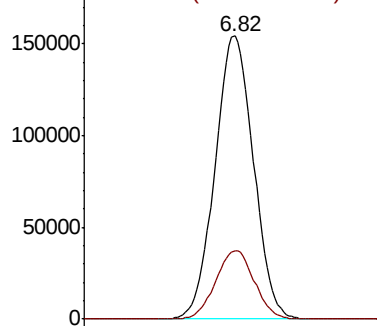
77 100

97 24.5 19.2 28.8

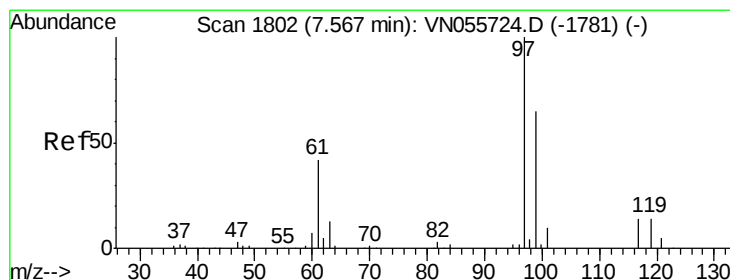
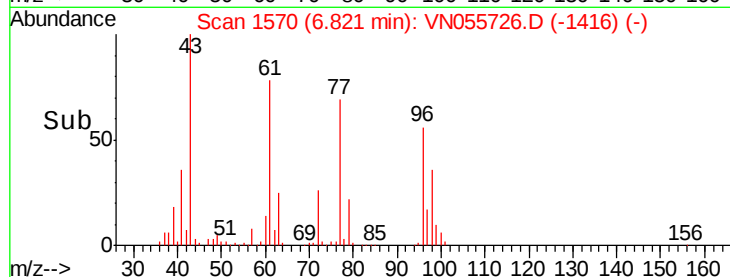


Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



Time-->



#32

1,1,1-Trichloroethane

Concen: 91.870 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

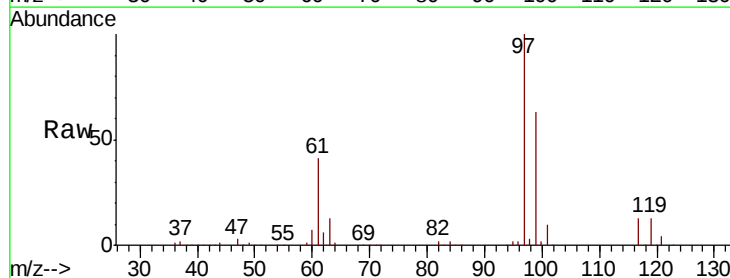
Tgt Ion: 97 Resp: 512456

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

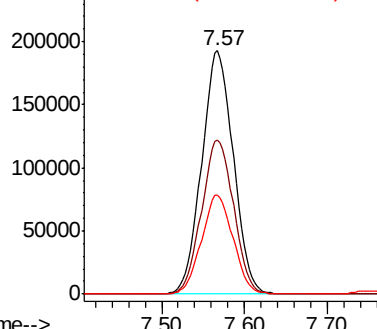
61 40.8 33.1 49.7



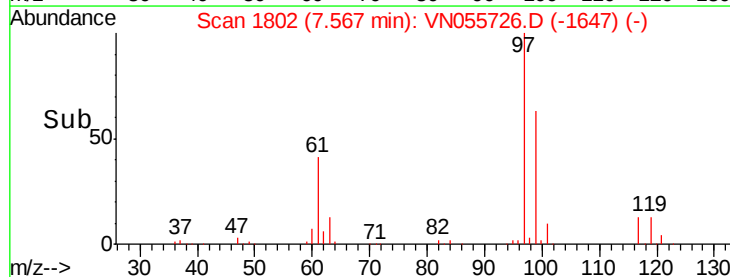
Abundance Ion 97.00 (96.70 to 97.70): VN0

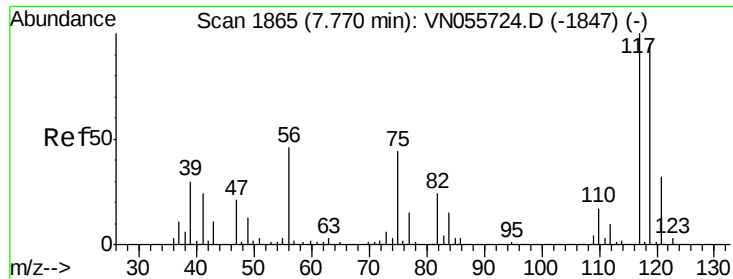
Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->

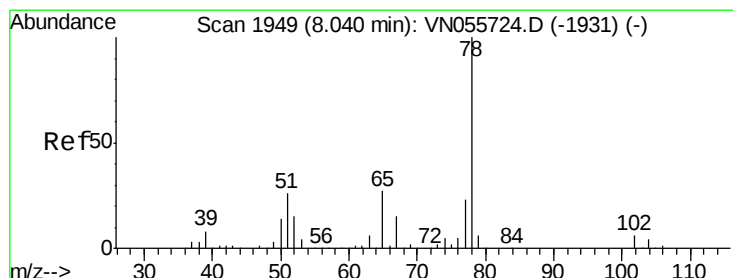
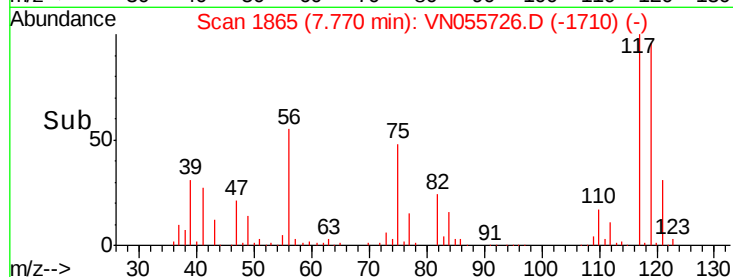
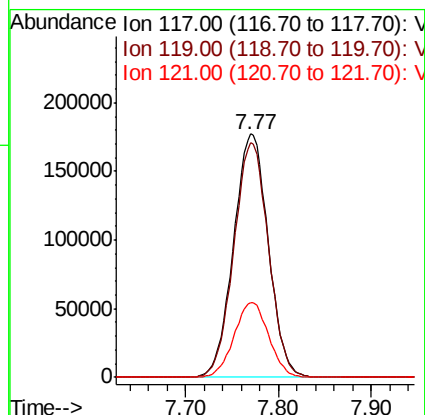
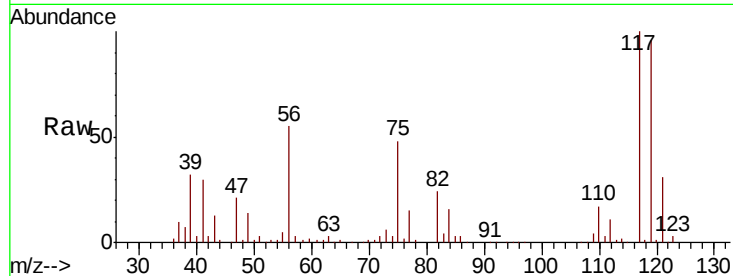




#33
Carbon Tetrachloride
Concen: 96.805 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

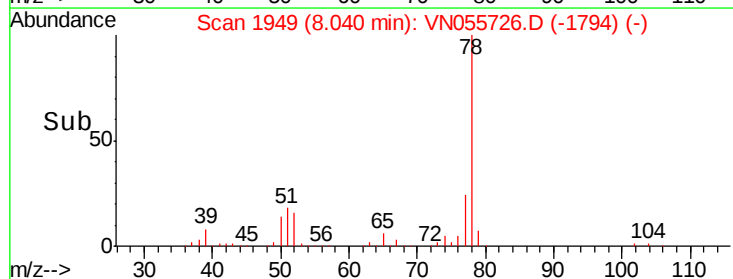
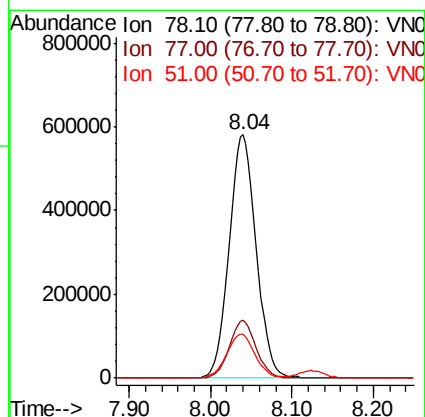
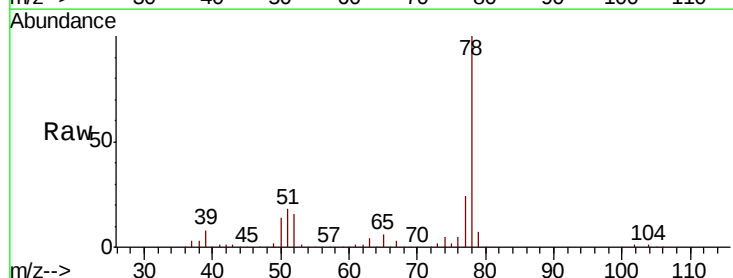
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

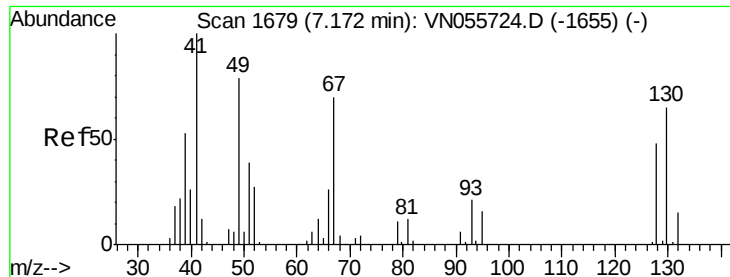
Tot Ion:117 Resp: 459425
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 30.8 25.4 38.0



#34
Benzene
Concen: 90.657 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 78 Resp: 1351897
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2
51 17.8 20.6 31.0#

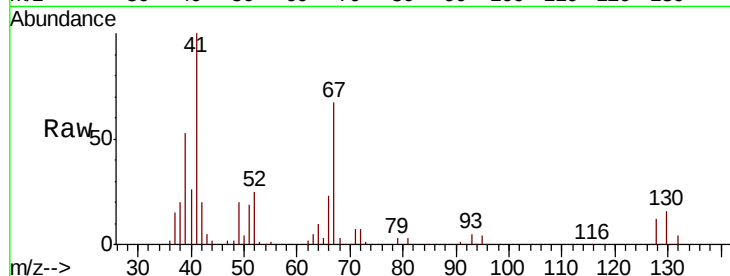




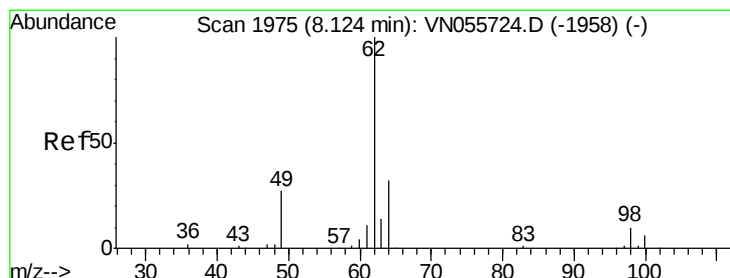
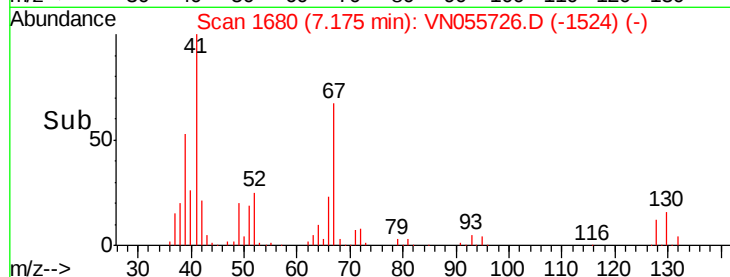
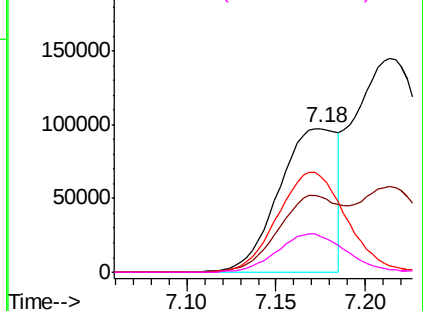
#35
Methacrylonitrile
Concen: 96.428 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion:	41	Resp:	218390
Ion	Ratio	Lower	Upper
41	100		
39	52.8	26.7	80.1
67	67.4	34.9	104.7
52	25.3	13.6	40.8

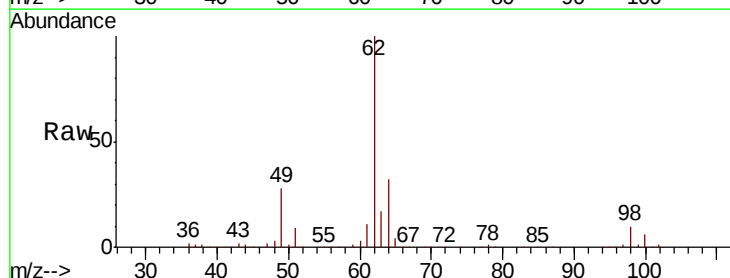


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

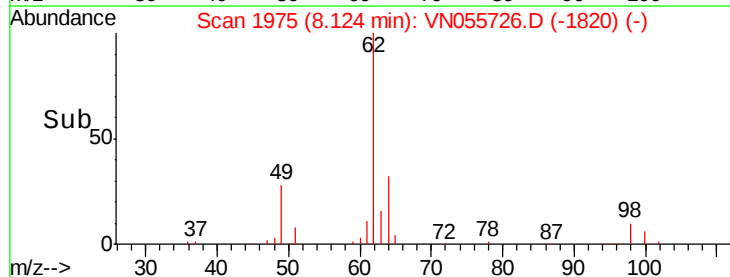
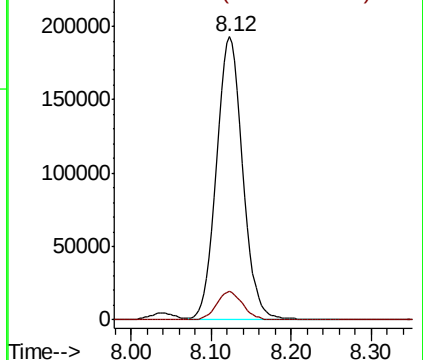


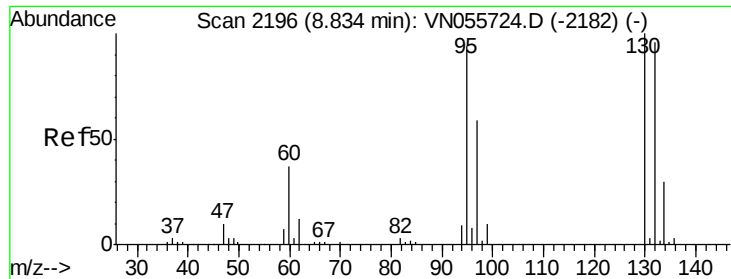
#36
1,2-Dichloroethane
Concen: 84.244 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion:	62	Resp:	440400
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.2	12.2



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

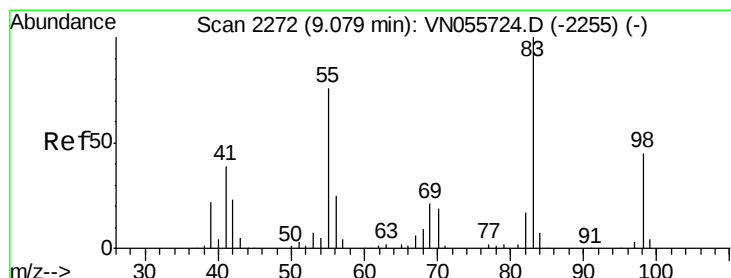
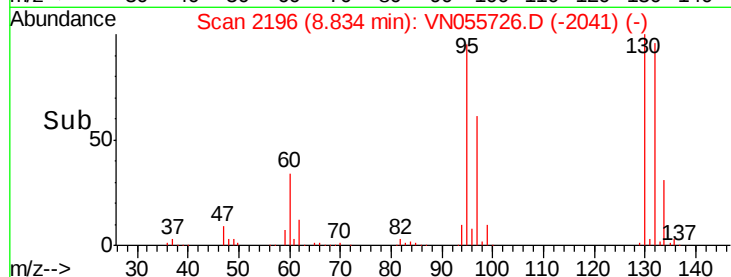
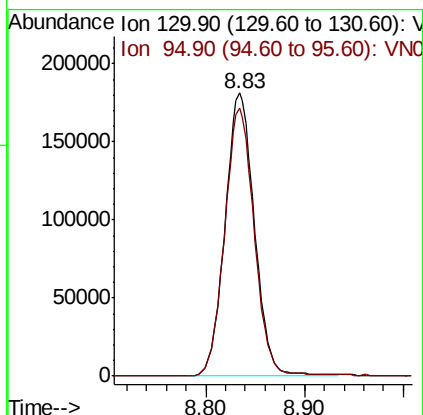
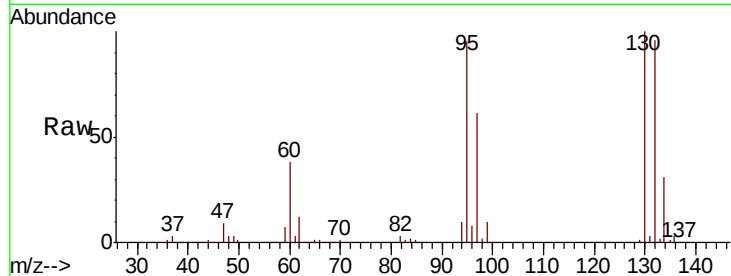




#37
 Trichloroethene
 Concen: 98.209 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

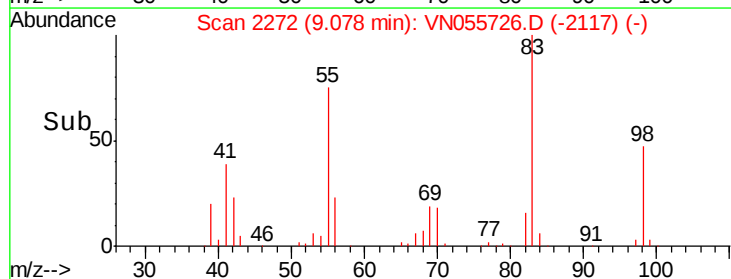
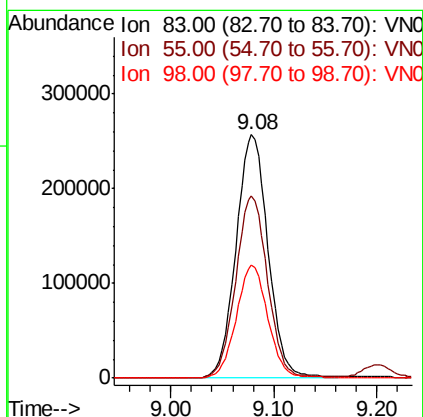
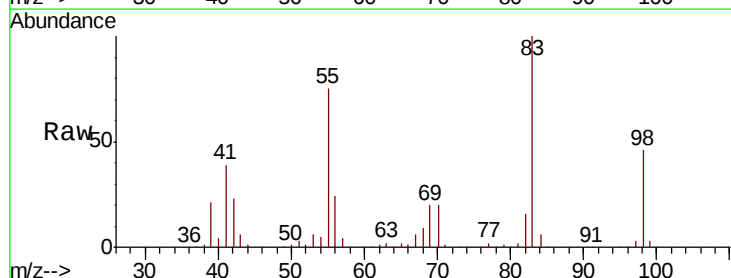
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

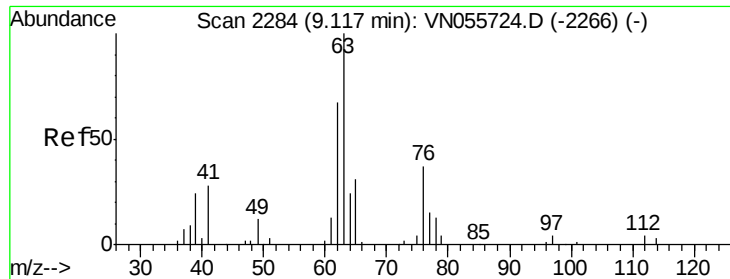
Tot Ion:130 Resp: 377139
 Ion Ratio Lower Upper
 130 100
 95 94.4 75.6 113.4



#38
 Methylcyclohexane
 Concen: 101.459 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion: 83 Resp: 555946
 Ion Ratio Lower Upper
 83 100
 55 74.2 37.8 113.4
 98 46.1 22.6 67.8

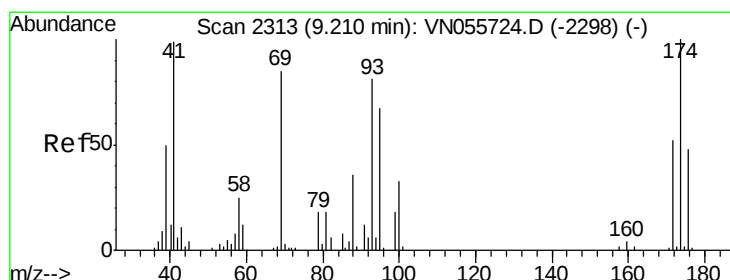
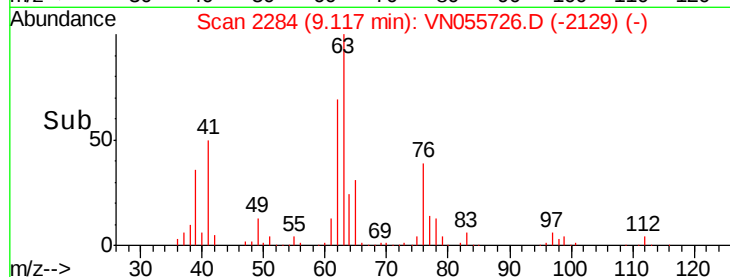
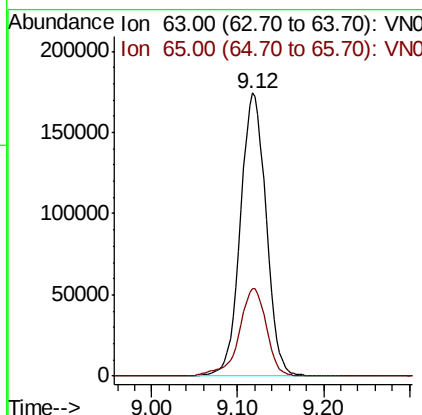
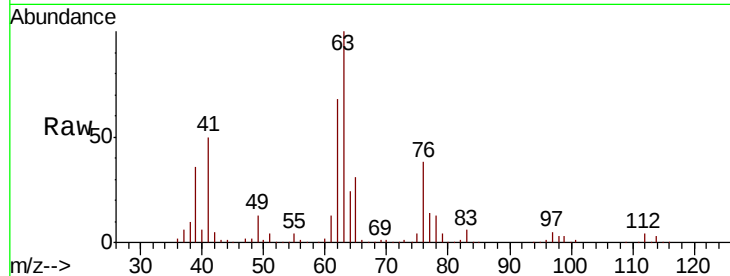




#39
 1,2-Dichloropropane
 Concen: 85.983 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

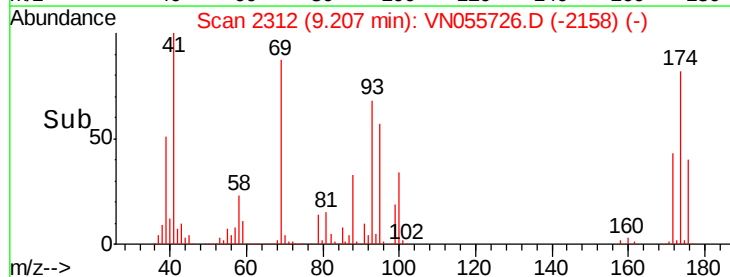
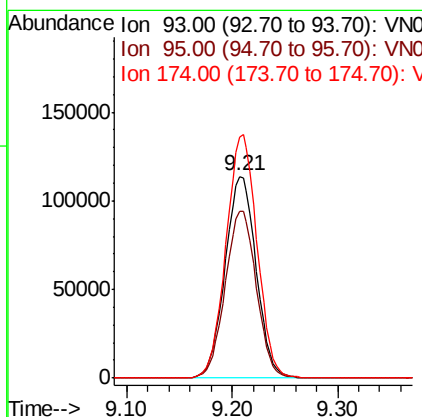
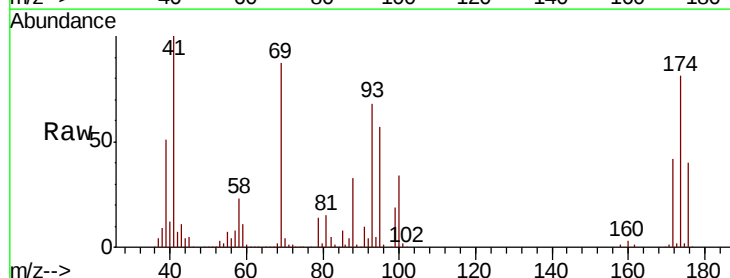
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

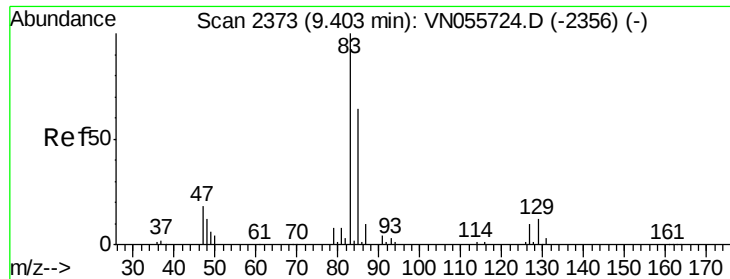
Tot Ion: 63 Resp: 361989
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.8 38.8



#40
 Dibromomethane
 Concen: 93.792 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion: 93 Resp: 232127
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 170.6
 174 120.3 0.0 248.4





#41

Bromodichloromethane

Concen: 93.267 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

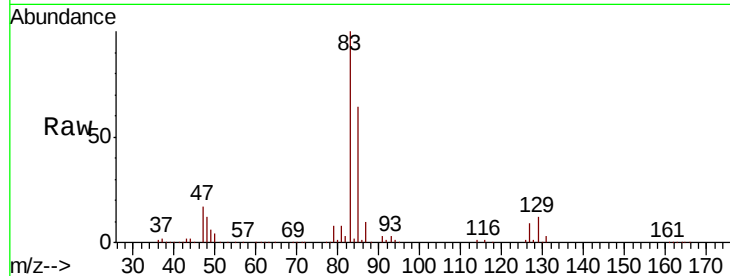
Tot Ion: 83 Resp: 476158

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

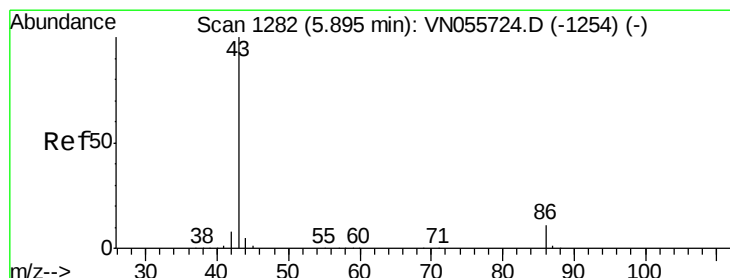
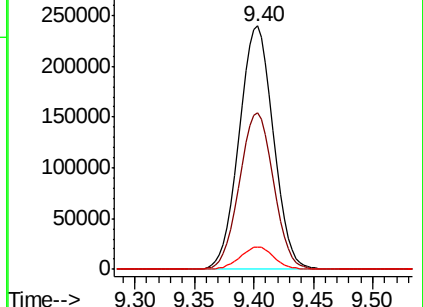
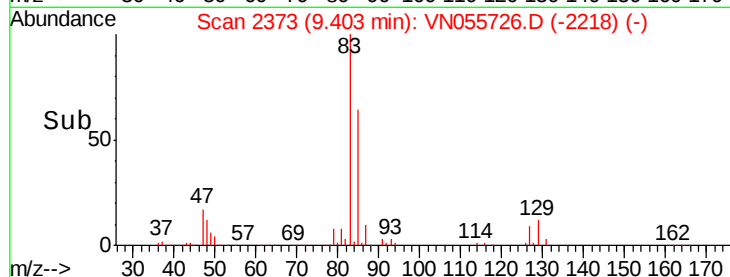
127 9.2 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VN055726.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN055726.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN055726.D (-2218) (-)



#42

Vinyl Acetate

Concen: 456.360 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055726.D

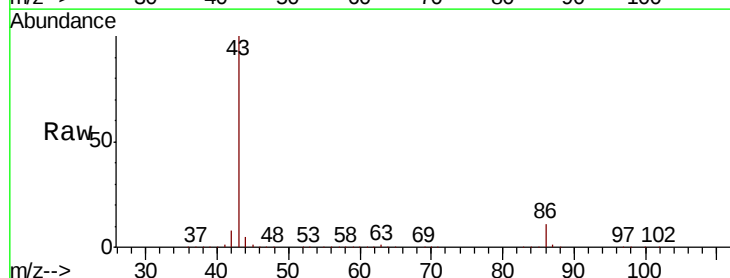
Acq: 22 May 2019 18:12

Tgt Ion: 43 Resp: 4469170

Ion Ratio Lower Upper

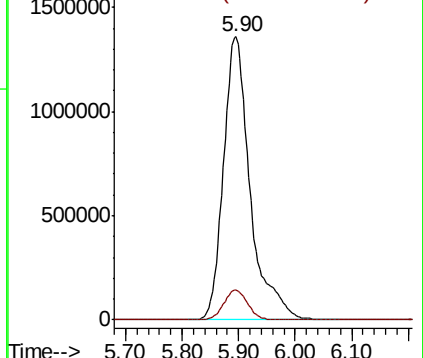
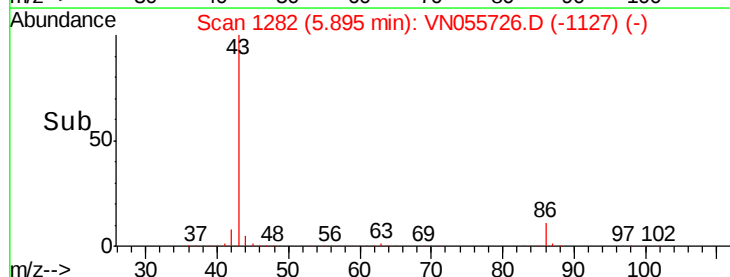
43 100

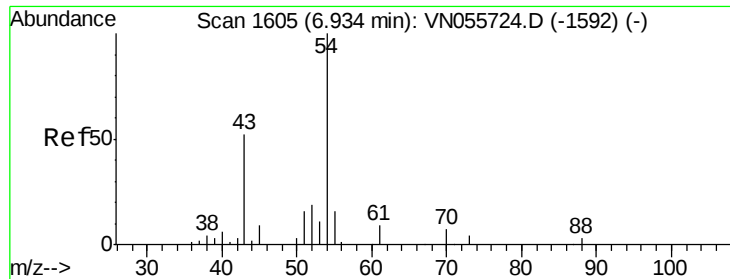
86 9.4 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN055726.D (-1127) (-)

Ion 86.00 (85.70 to 86.70): VN055726.D (-1127) (-)

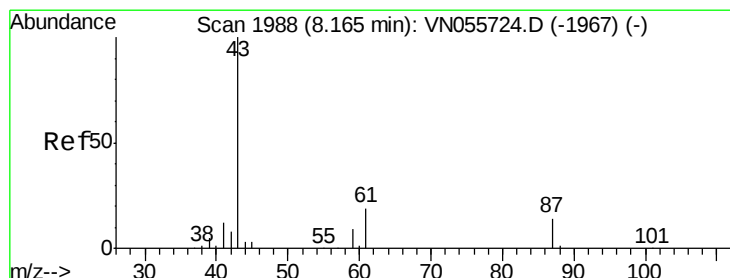
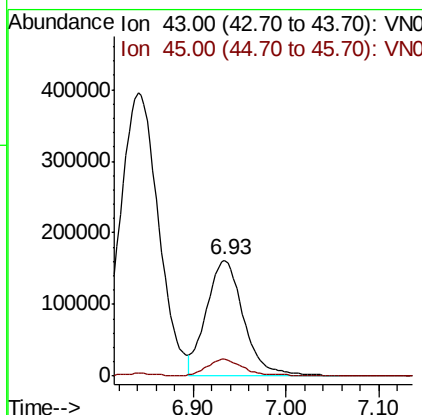
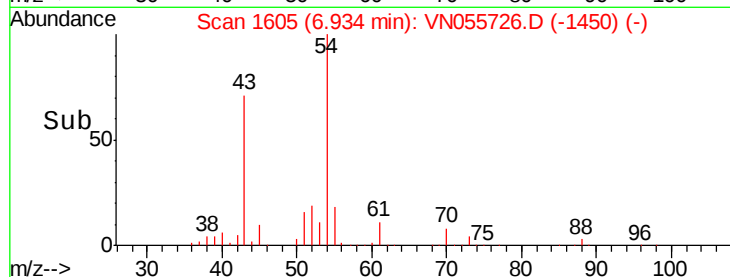
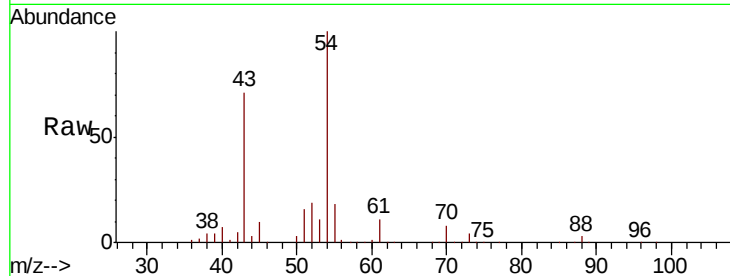




#43
Ethyl Acetate
Concen: 101.311 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

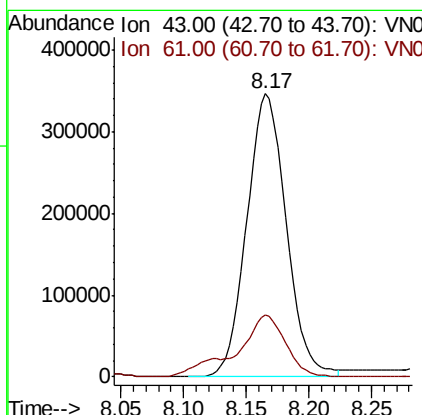
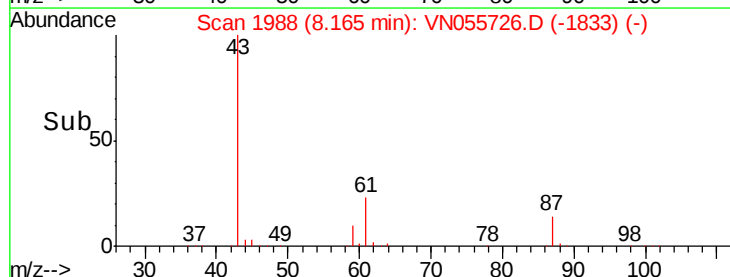
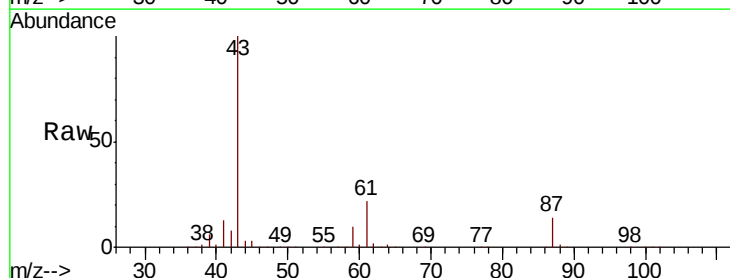
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

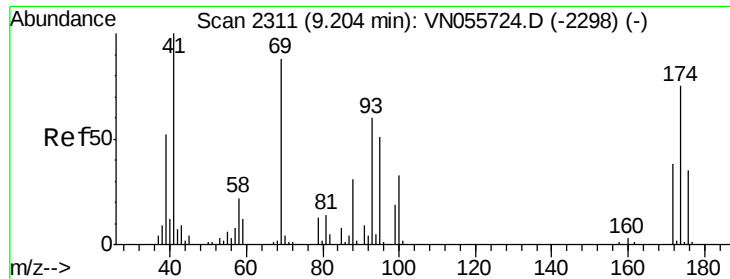
Tot Ion: 43 Resp: 442754
Ion Ratio Lower Upper
43 100
45 14.9 0.0 0.0#



#44
Isopropyl Acetate
Concen: 97.378 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 43 Resp: 757682
Ion Ratio Lower Upper
43 100
61 21.4 22.1 33.1#





#45

1,4-Dioxane

Concen: 2990.868 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

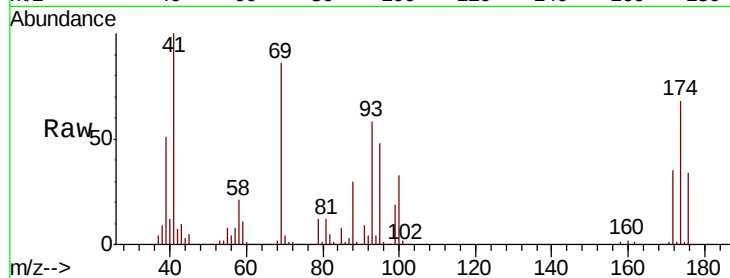
Tot Ion: 88 Resp: 139408

Ion Ratio Lower Upper

88 100

43 26.0 20.5 30.7

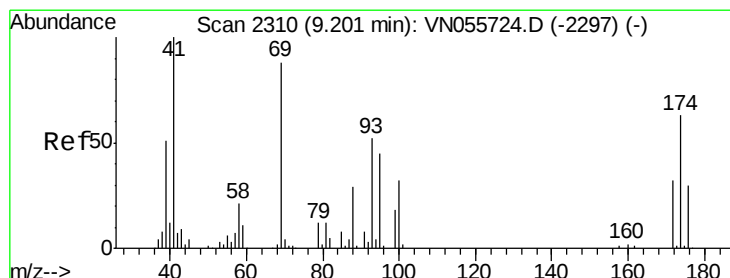
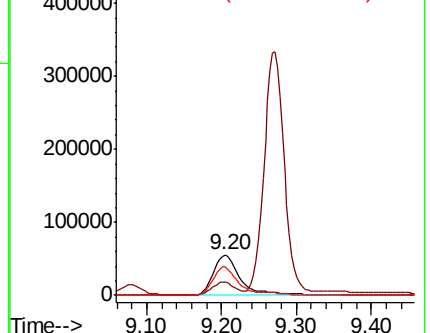
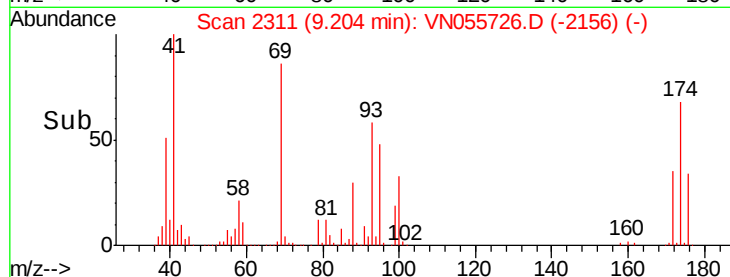
58 64.5 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 98.310 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

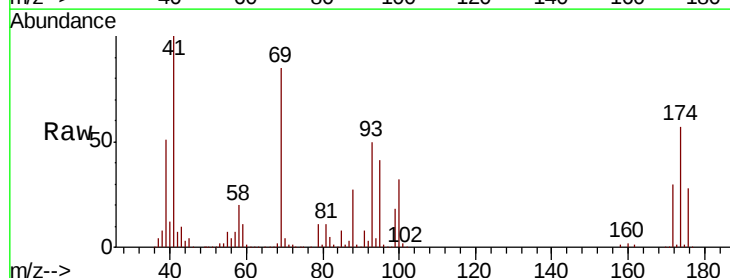
Tgt Ion: 41 Resp: 361051

Ion Ratio Lower Upper

41 100

69 85.8 43.8 131.4

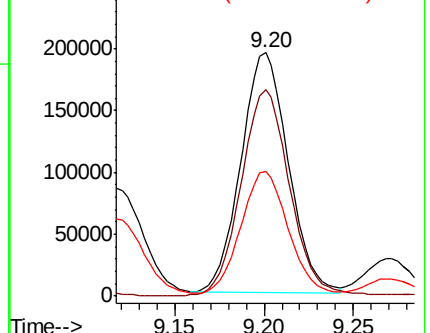
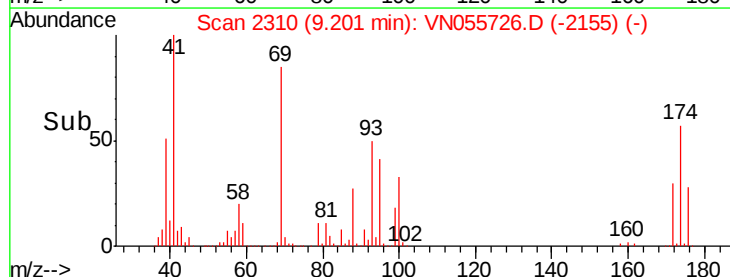
39 51.0 25.6 76.6

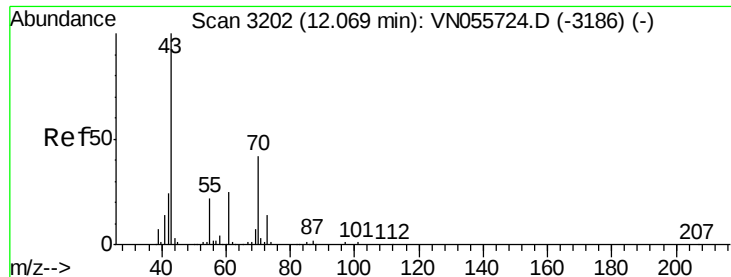


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

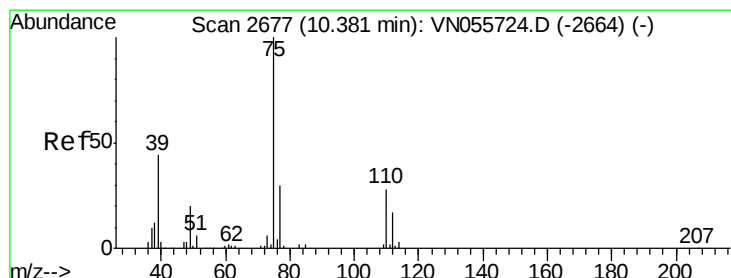
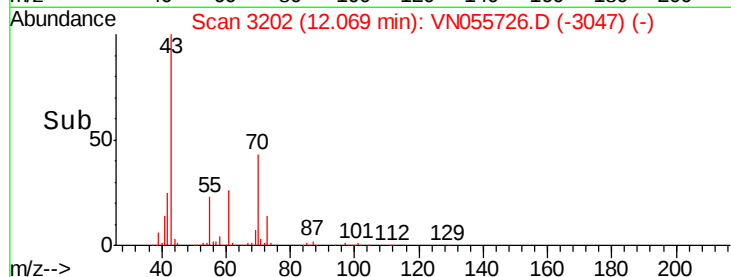
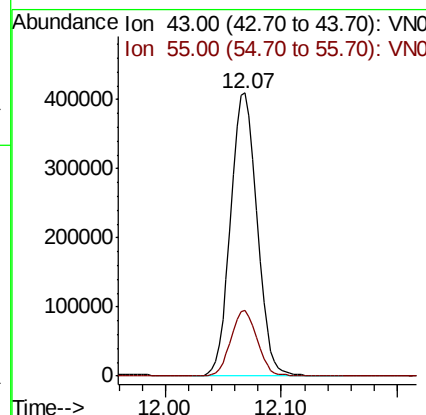
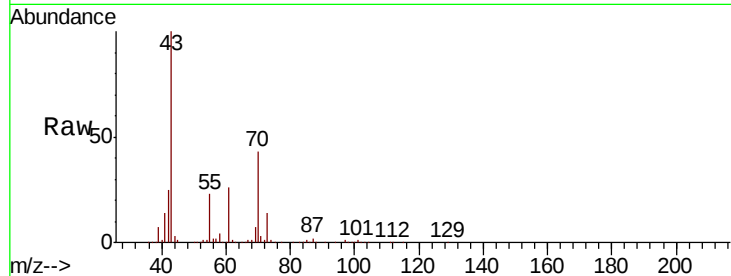




#47
n-amyl Acetate
Concen: 110.610 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

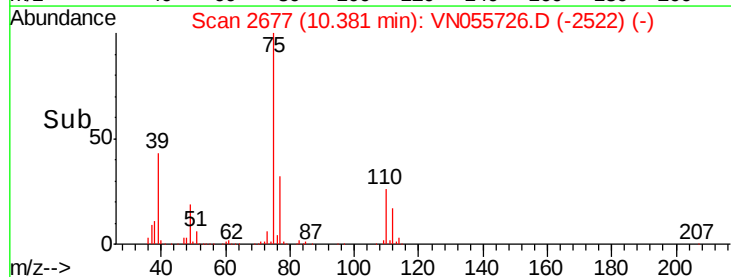
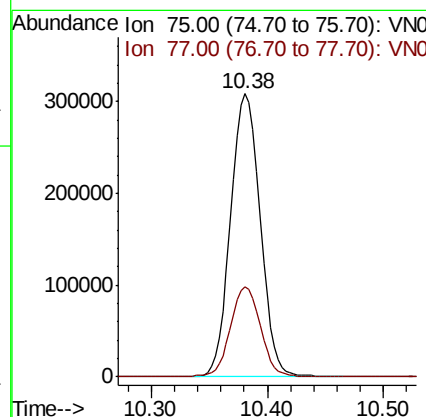
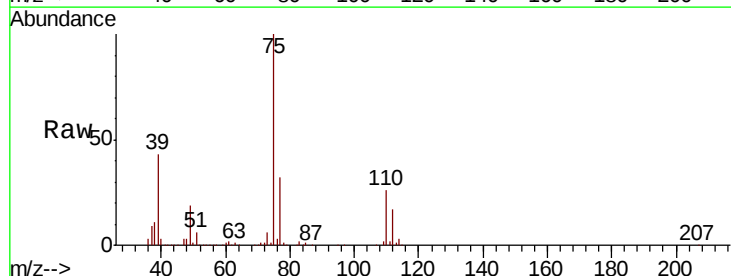
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

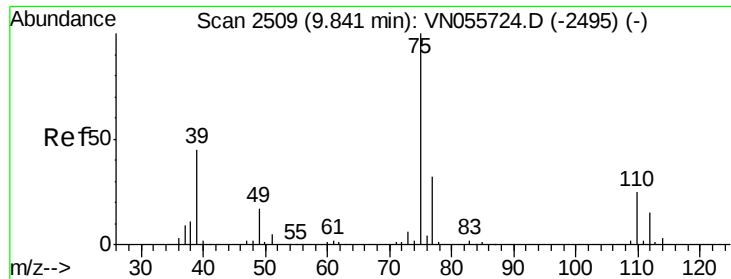
Tot Ion: 43 Resp: 644209
Ion Ratio Lower Upper
43 100
55 22.9 17.8 26.6



#48
t-1,3-Dichloropropene
Concen: 105.714 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 75 Resp: 545267
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8



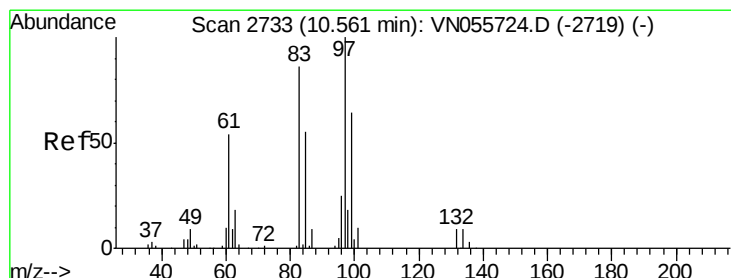
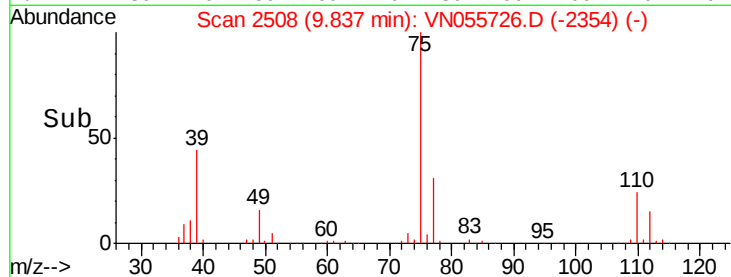
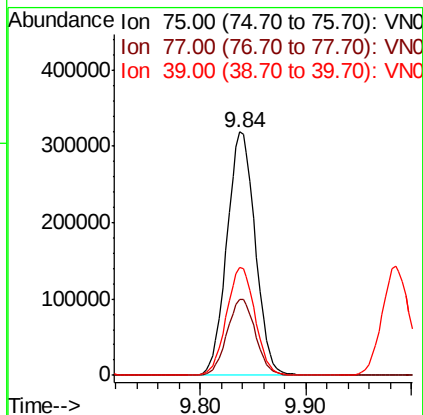
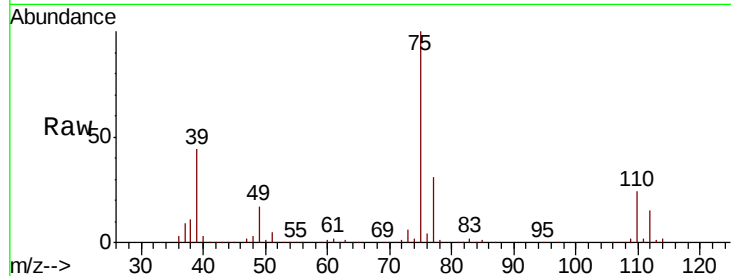


#49

cis-1,3-Dichloropropene
 Concen: 100.178 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

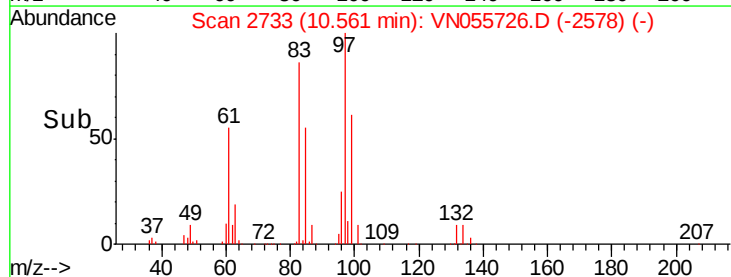
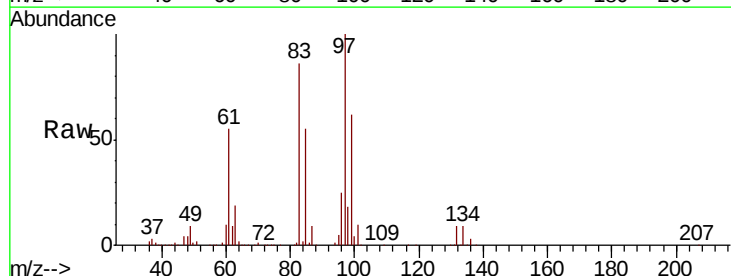
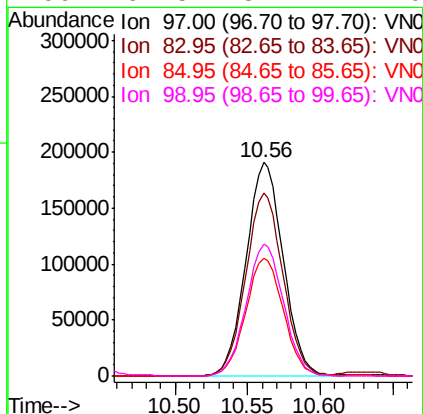
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.0	39.0
39	44.2	36.2	54.4

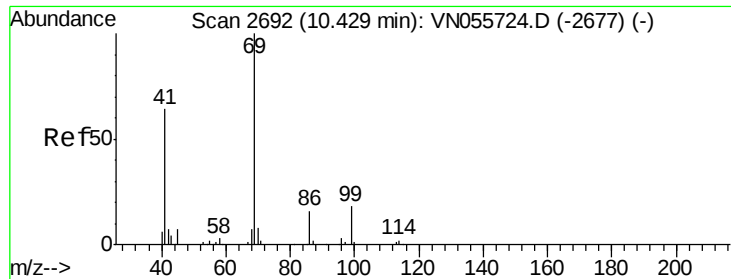


#50

1,1,2-Trichloroethane
 Concen: 99.180 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.9	103.3
85	55.4	44.3	66.5
99	61.5	51.4	77.0





#51

Ethyl methacrylate

Concen: 113.918 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

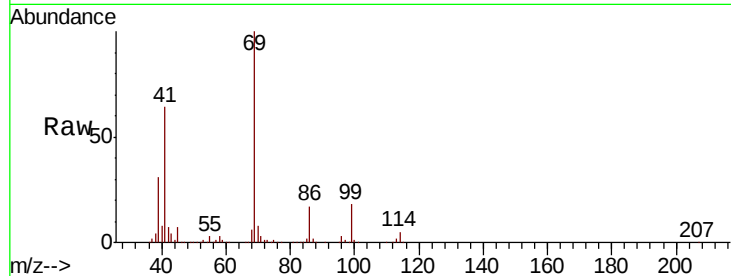
Tot Ion: 69 Resp: 560108

Ion Ratio Lower Upper

69 100

41 63.3 31.9 95.7

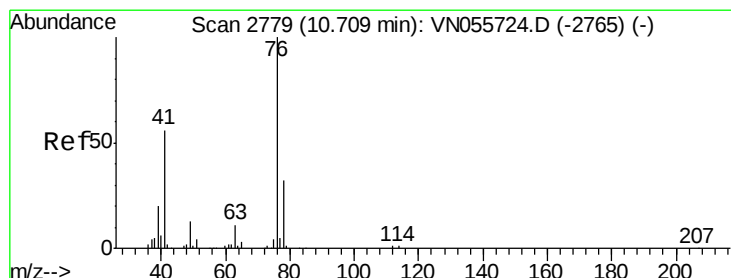
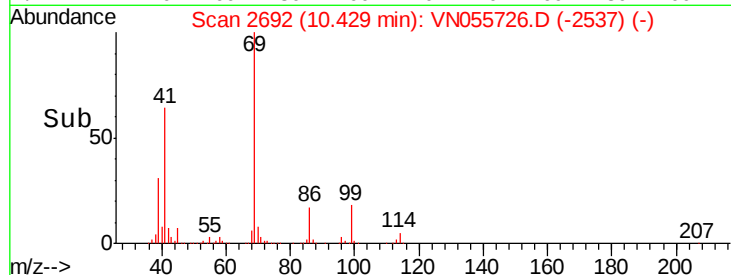
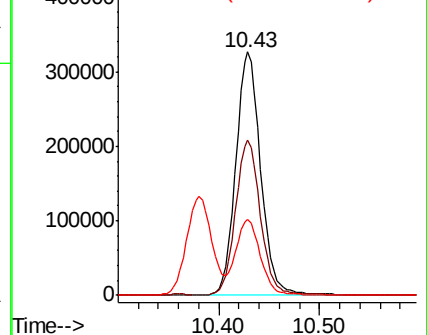
39 30.9 15.7 47.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 93.790 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055726.D

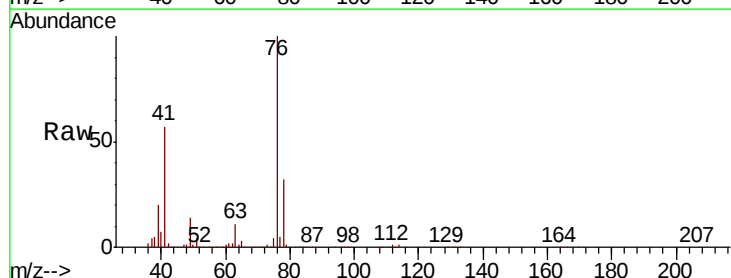
Acq: 22 May 2019 18:12

Tgt Ion: 76 Resp: 565591

Ion Ratio Lower Upper

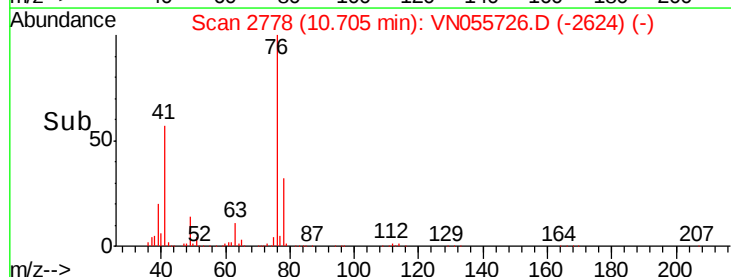
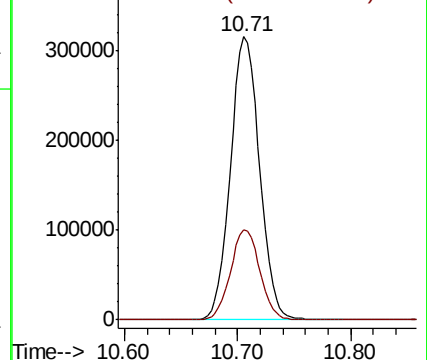
76 100

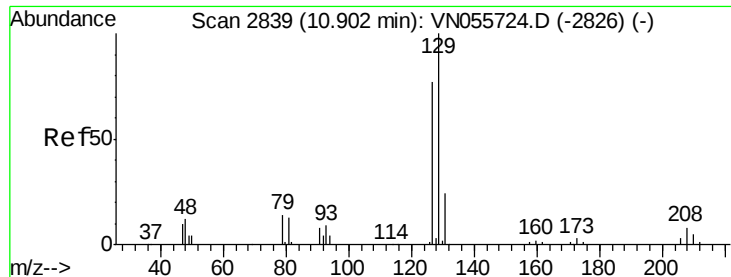
78 32.2 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 112.039 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampled :

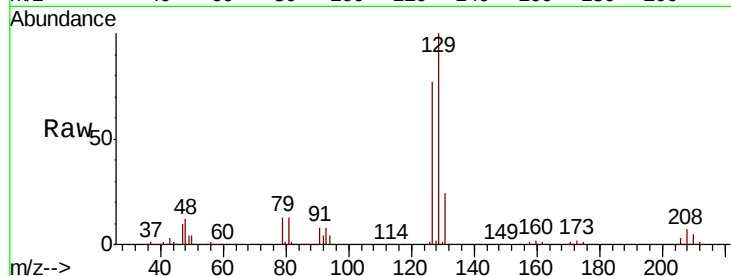
VSTDIC100

Tot Ion:129 Resp: 411730

Ion Ratio Lower Upper

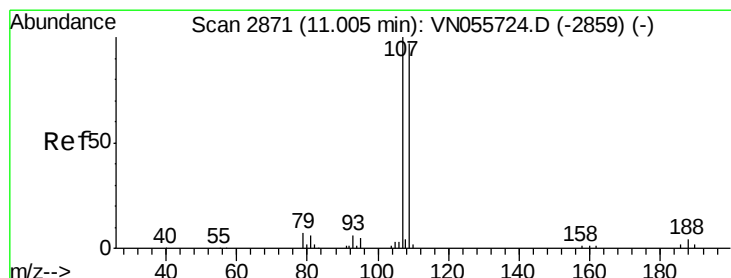
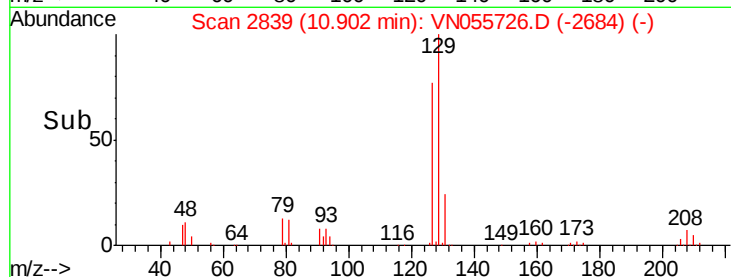
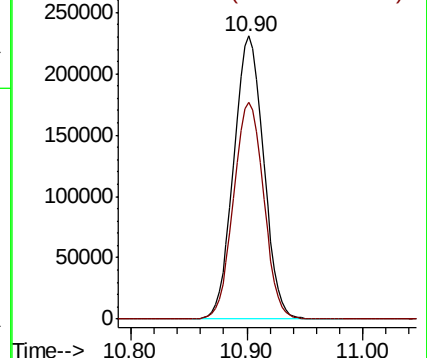
129 100

127 77.2 39.2 117.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 105.218 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055726.D

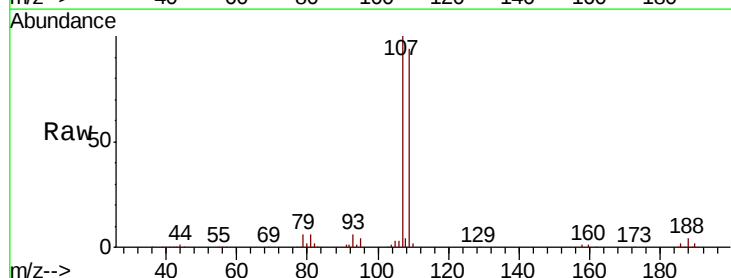
Acq: 22 May 2019 18:12

Tgt Ion:107 Resp: 357837

Ion Ratio Lower Upper

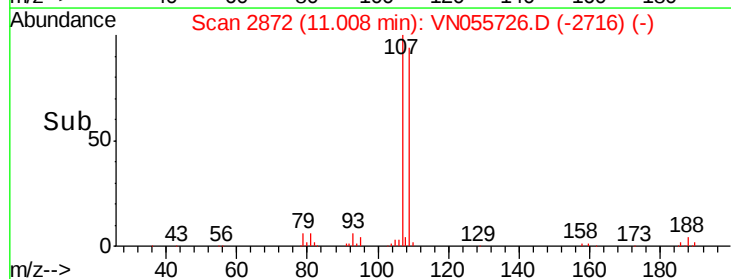
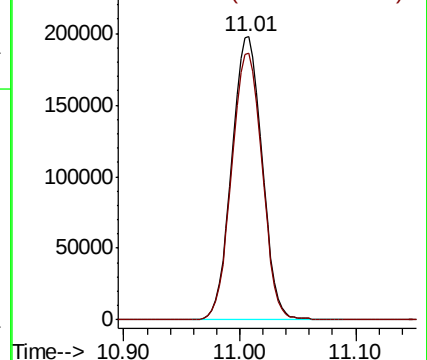
107 100

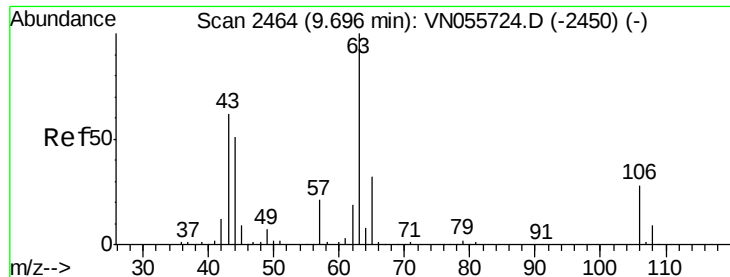
109 95.0 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

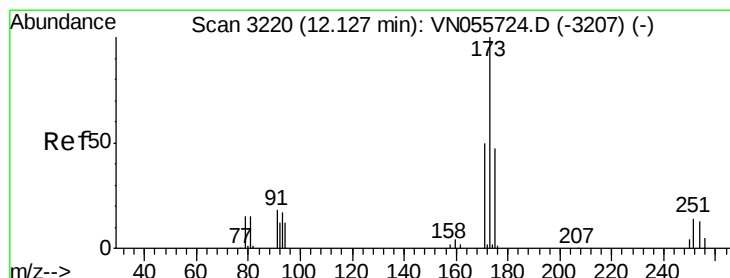
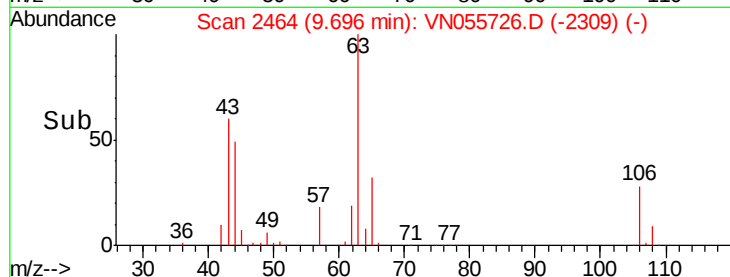
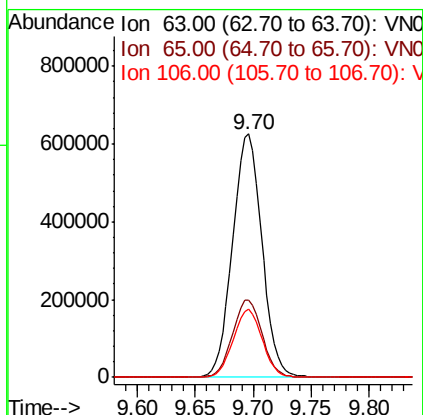
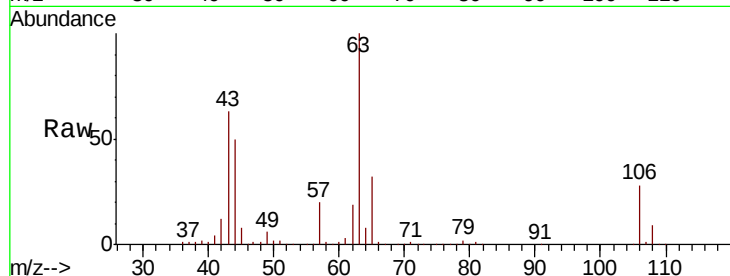




#55
2-Chloroethyl vinyl ether
Concen: 697.921 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

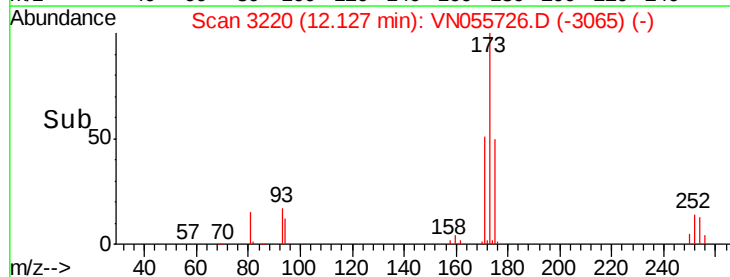
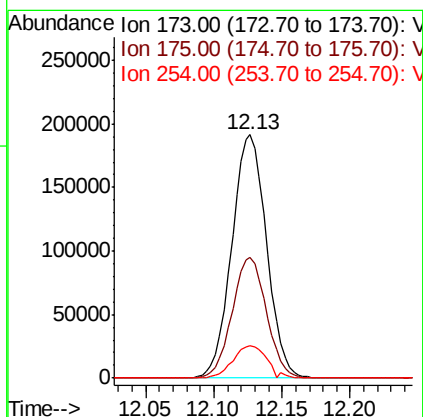
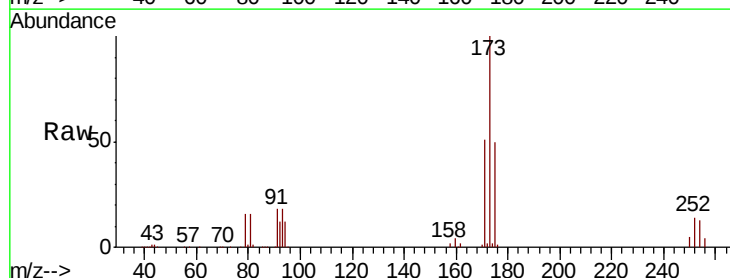
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

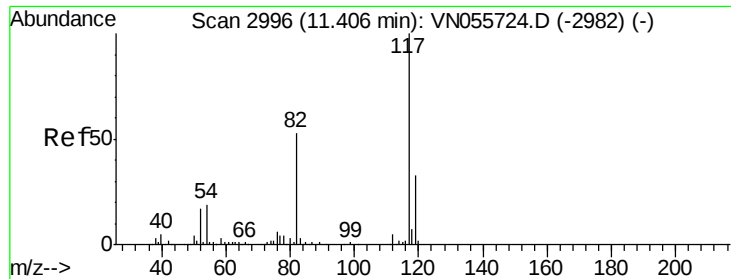
Tot Ion: 63 Resp: 1100654
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 27.6 22.1 33.1



#56
Bromoform
Concen: 132.838 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 173 Resp: 338918
Ion Ratio Lower Upper
173 100
175 48.8 38.5 57.7
254 12.4 9.4 14.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

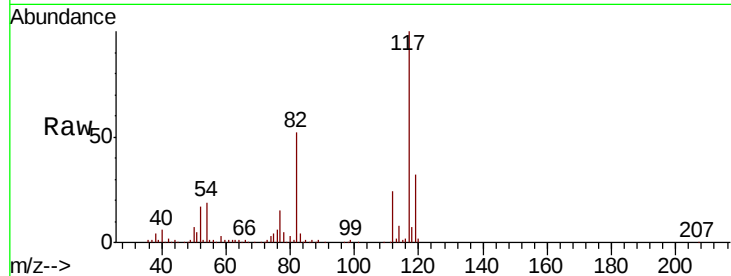
Tot Ion:117 Resp: 286900

Ion Ratio Lower Upper

117 100

82 53.3 42.6 64.0

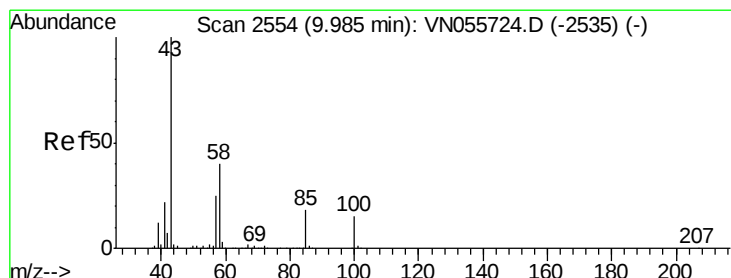
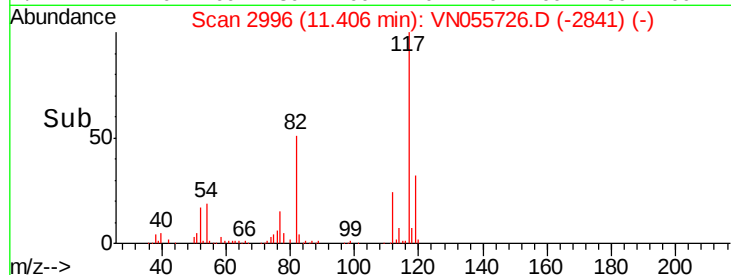
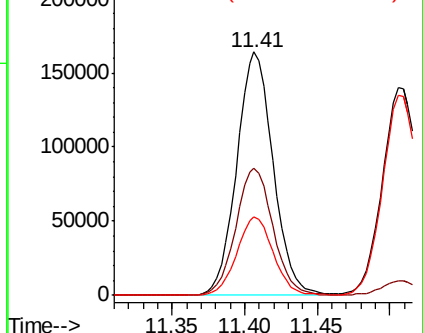
119 32.3 25.9 38.9



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VNO

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 490.831 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

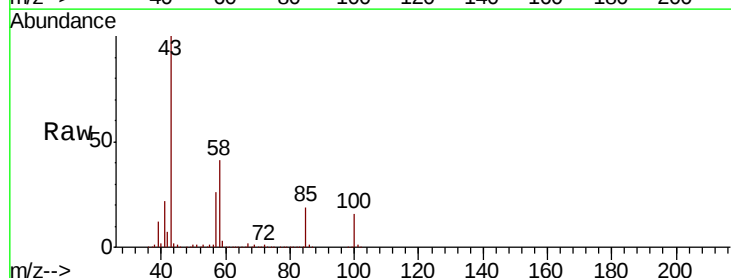
Tgt Ion: 43 Resp: 2234381

Ion Ratio Lower Upper

43 100

58 40.2 31.7 47.5

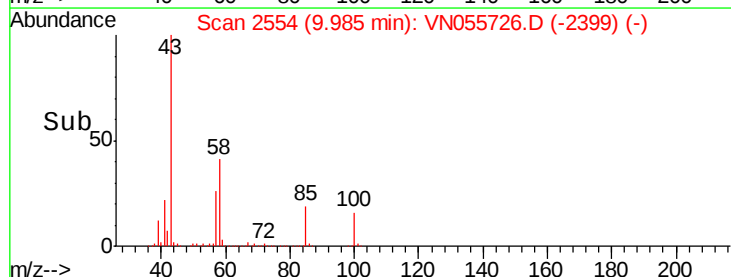
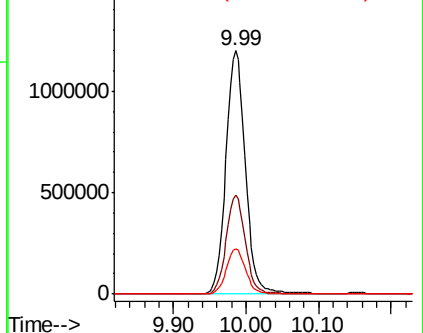
85 18.7 14.5 21.7

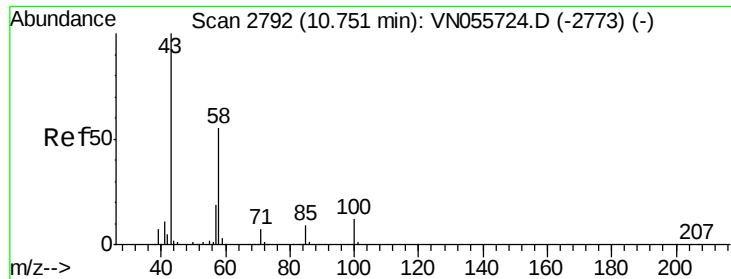


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

Ion 85.00 (84.70 to 85.70): VNO

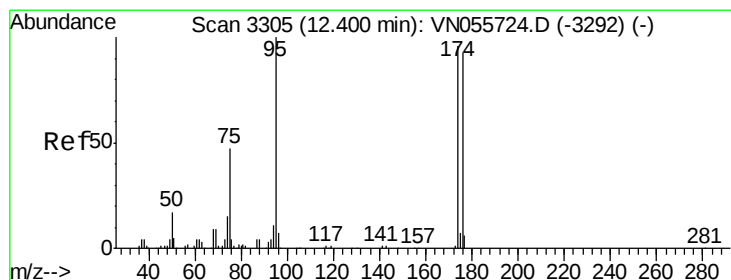
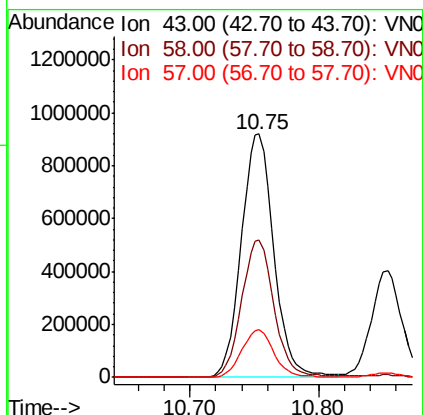
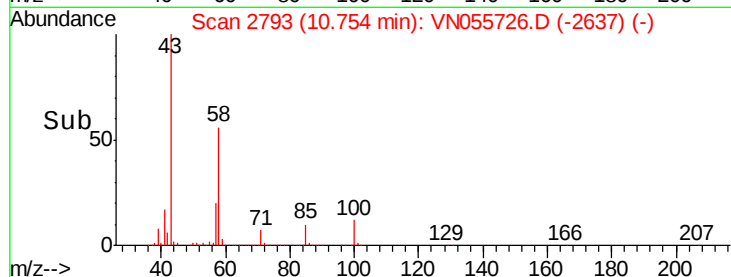
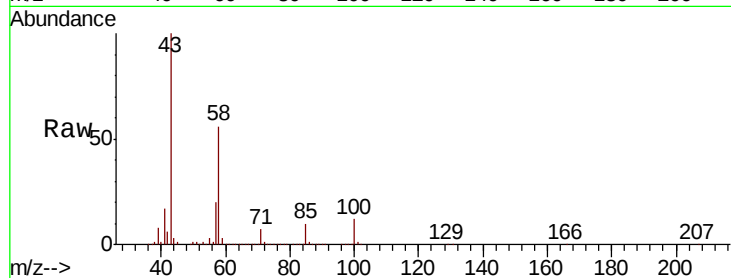




#59
2-Hexanone
Concen: 541.168 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

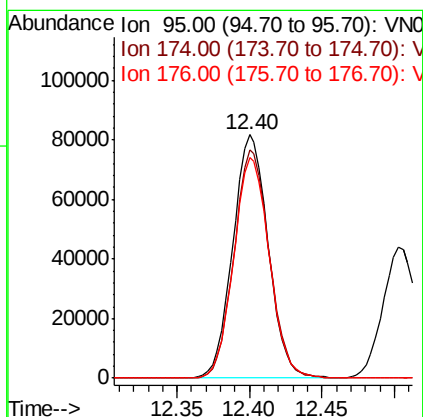
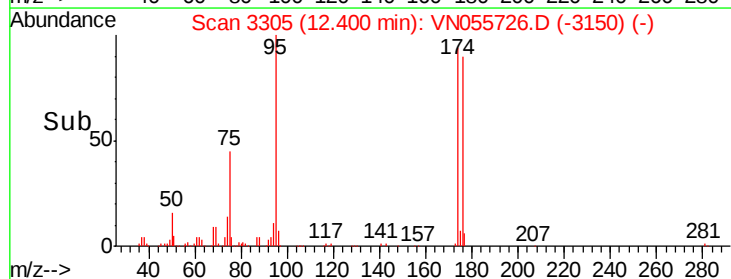
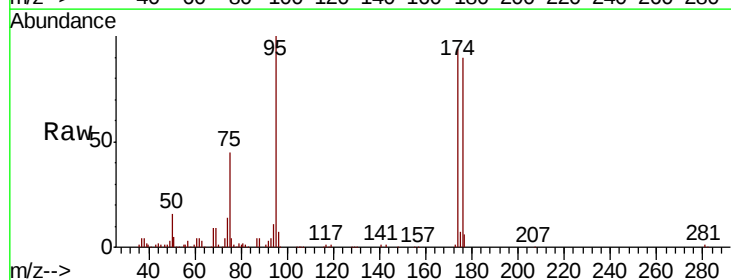
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

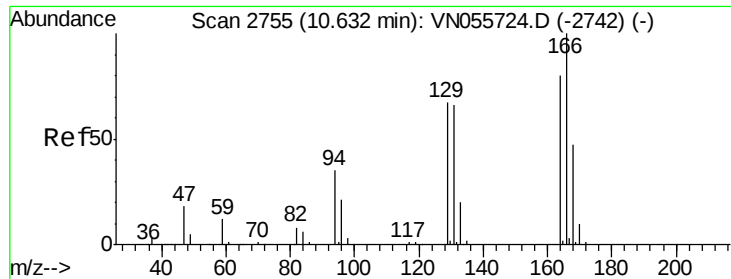
Tot Ion: 43 Resp: 1613730
Ion Ratio Lower Upper
43 100
58 56.2 44.8 67.2
57 19.5 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.290 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 95 Resp: 138662
Ion Ratio Lower Upper
95 100
174 93.2 75.7 113.5
176 91.2 74.1 111.1





#61

Tetrachloroethene

Concen: 98.460 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 368490

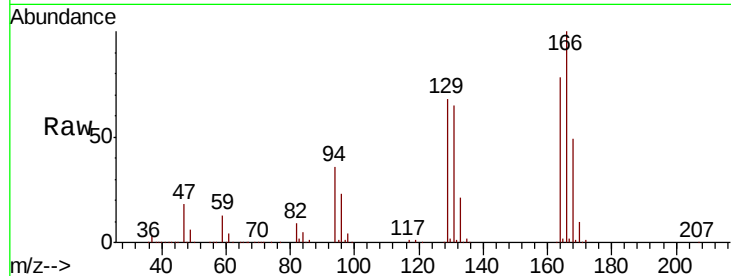
Ion Ratio Lower Upper

164 100

166 128.8 100.6 150.8

129 87.6 67.4 101.2

131 83.8 66.6 99.8

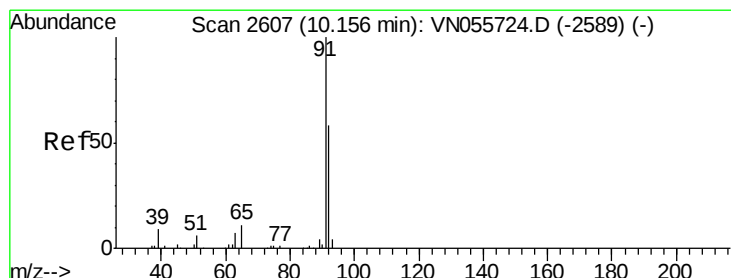
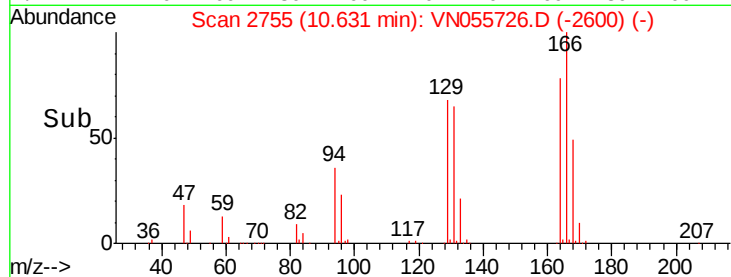
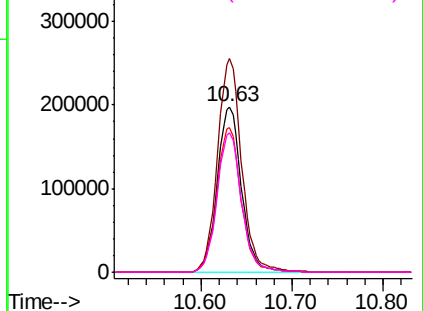


Abundance Ion 163.85 (163.55 to 164.55): V

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: 92.579 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055726.D

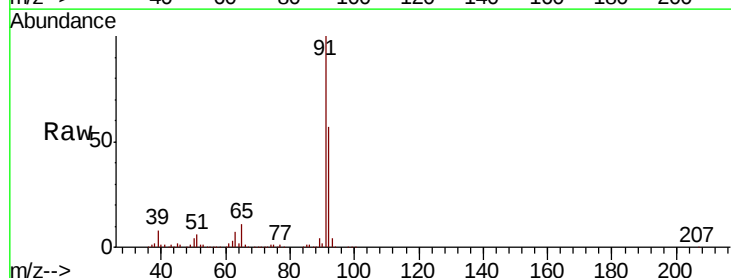
Acq: 22 May 2019 18:12

Tgt Ion: 91 Resp: 1491425

Ion Ratio Lower Upper

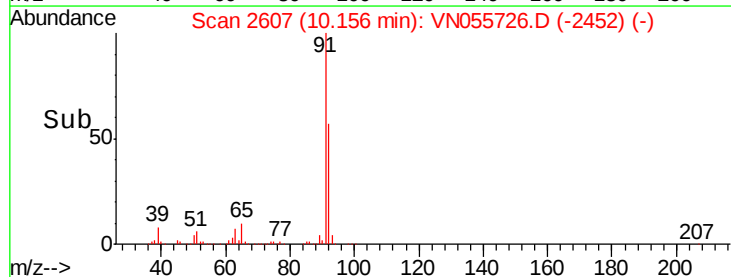
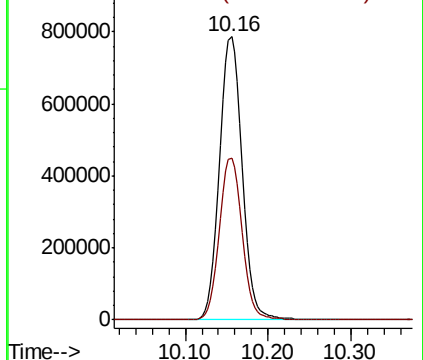
91 100

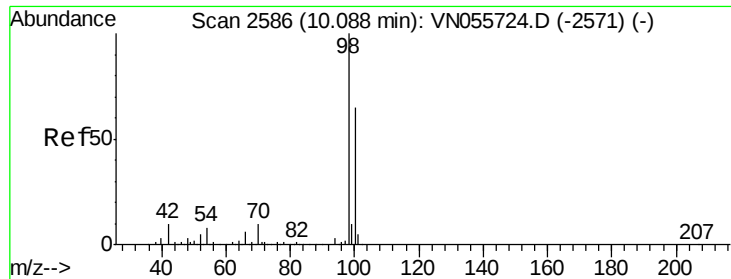
92 57.5 45.6 68.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 28.505 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

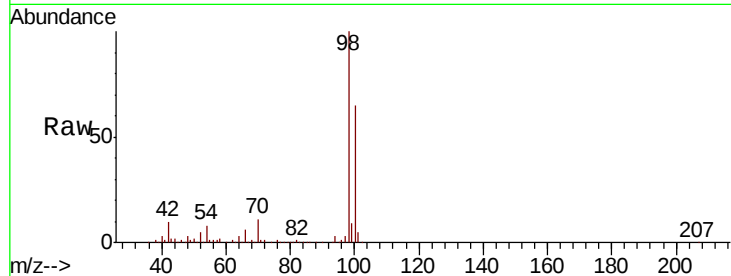
VSTDIC100

Tot Ion: 98 Resp: 386057

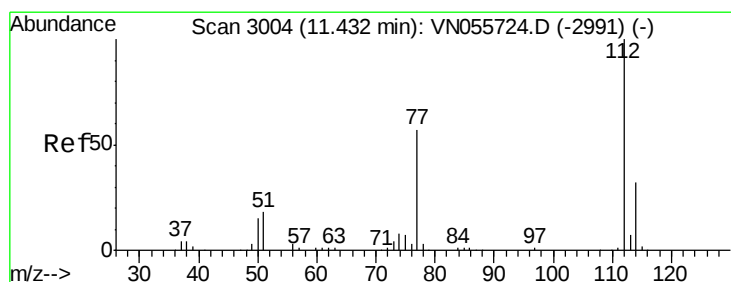
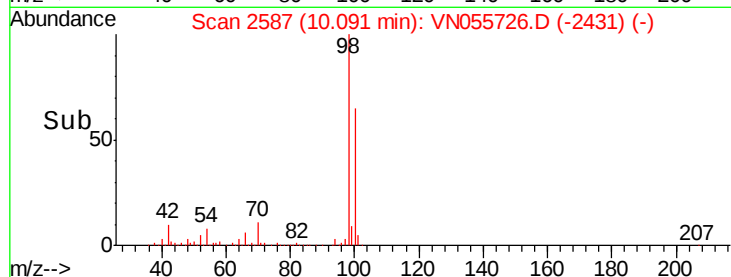
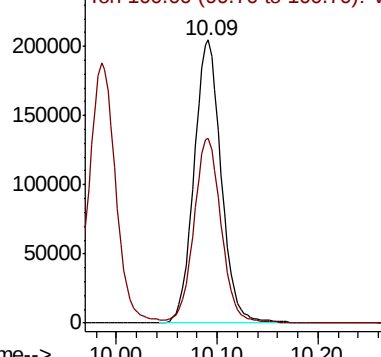
Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN055726.D (-2571) (-)



#64

Chlorobenzene

Concen: 95.830 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055726.D

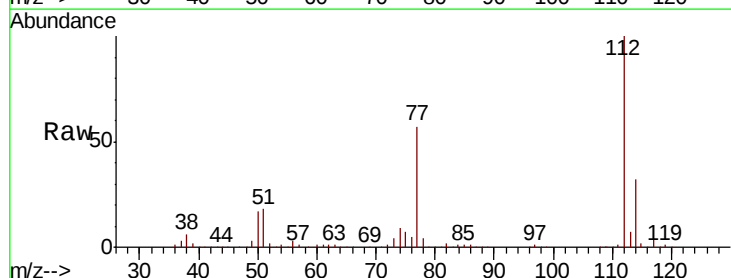
Acq: 22 May 2019 18:12

Tgt Ion: 112 Resp: 919234

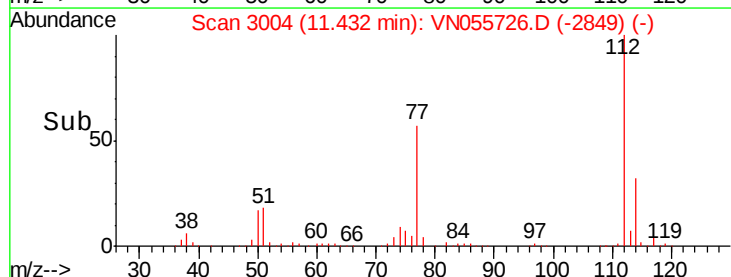
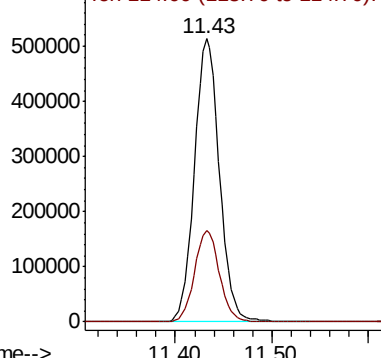
Ion Ratio Lower Upper

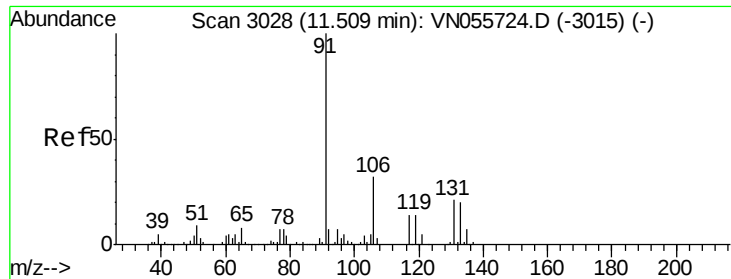
112 100

114 32.1 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): VN055726.D (-2849) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 99.677 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

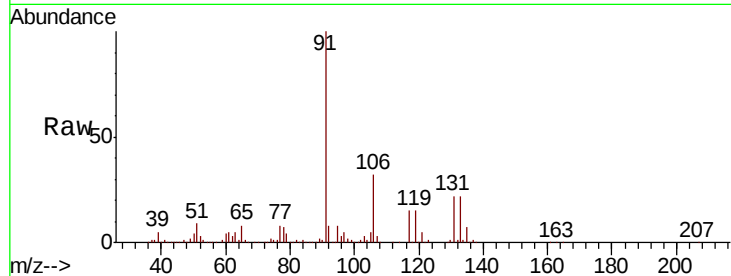
Tot Ion:131 Resp: 363556

Ion Ratio Lower Upper

131 100

133 95.4 0.0 188.8

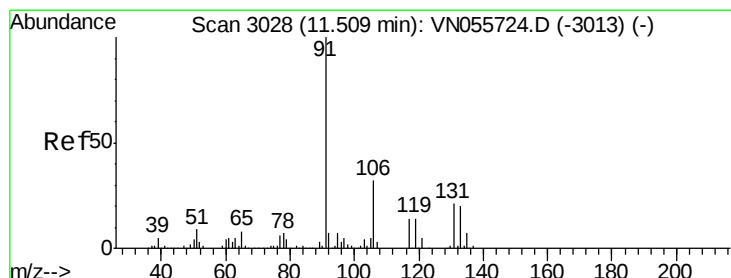
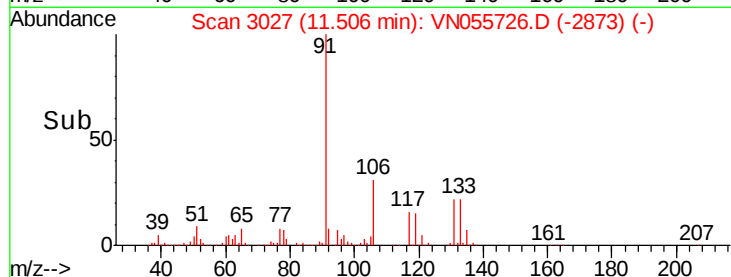
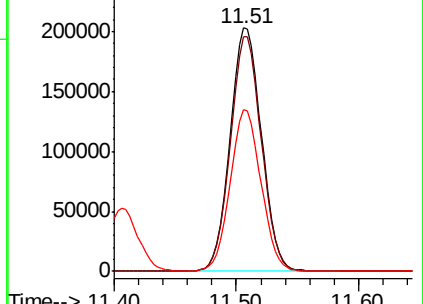
119 65.3 0.0 133.6



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: 95.108 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055726.D

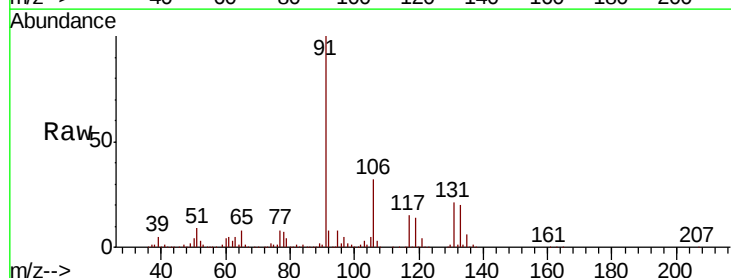
Acq: 22 May 2019 18:12

Tgt Ion: 91 Resp: 1643526

Ion Ratio Lower Upper

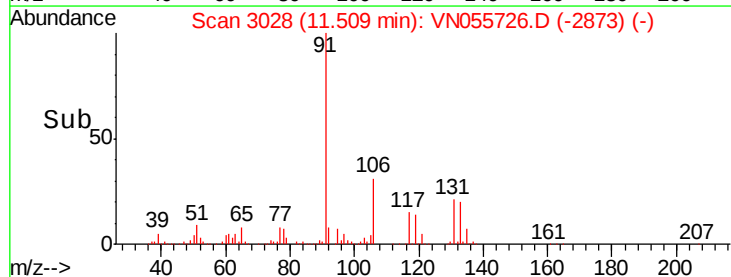
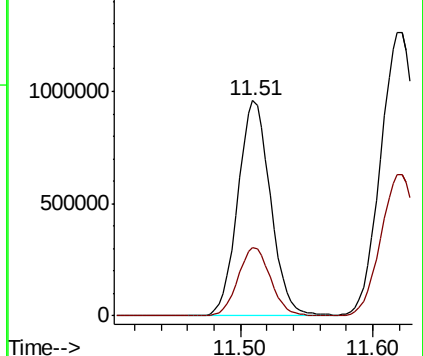
91 100

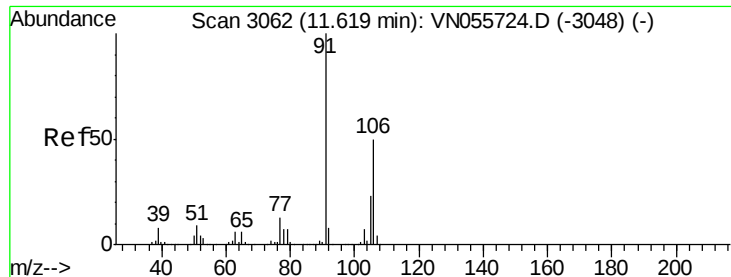
106 31.9 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 197.465 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

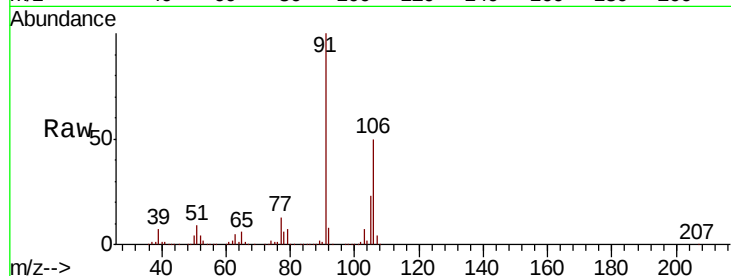
VSTDIC100

Tot Ion:106 Resp: 1253162

Ion Ratio Lower Upper

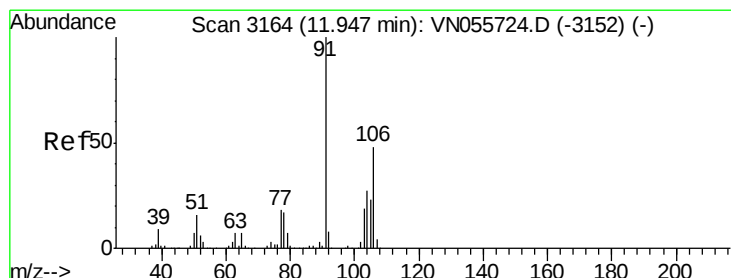
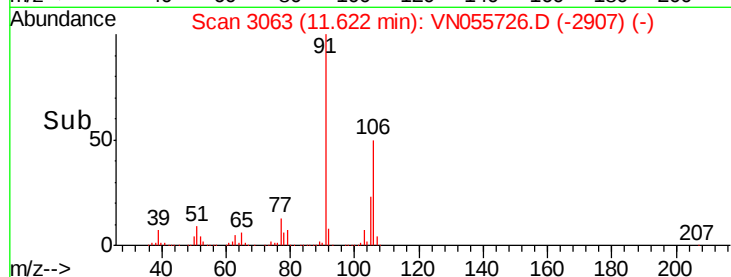
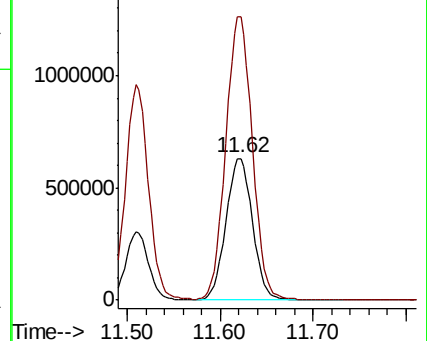
106 100

91 199.9 159.5 239.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 97.273 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN055726.D

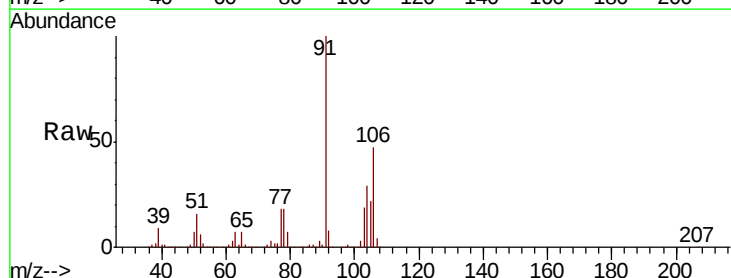
Acq: 22 May 2019 18:12

Tgt Ion:106 Resp: 613375

Ion Ratio Lower Upper

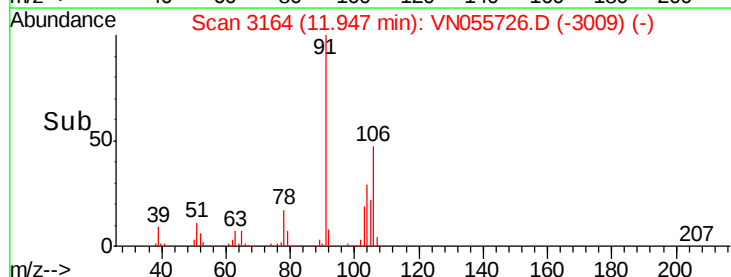
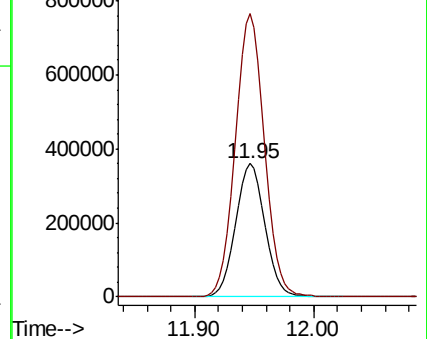
106 100

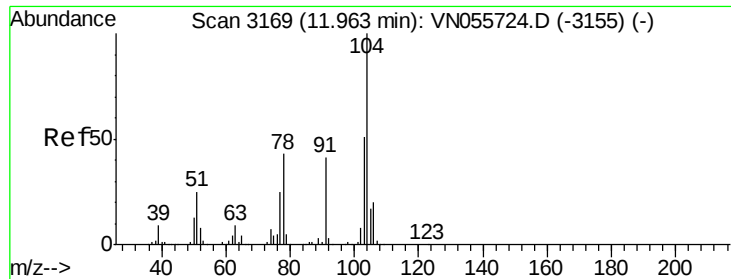
91 211.0 105.4 316.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

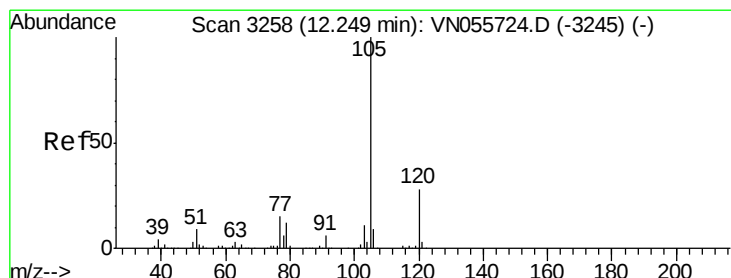
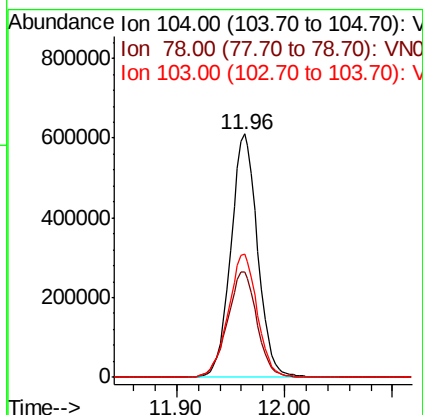
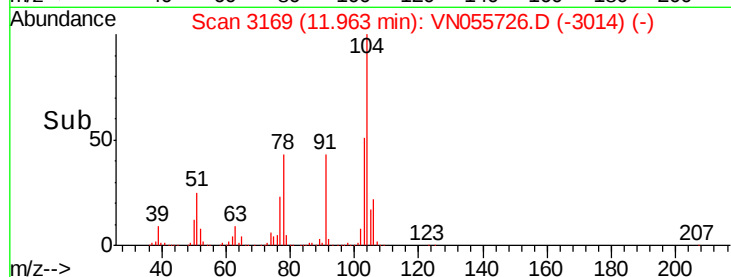
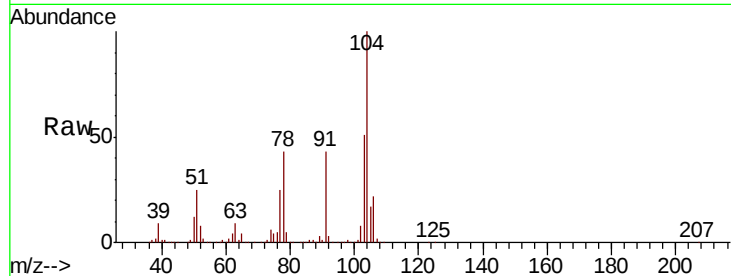




#69
Stvrene
Concen: 106.033 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

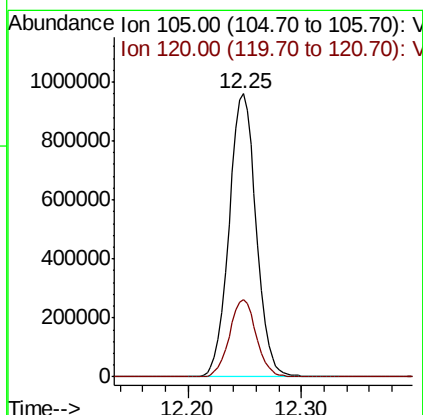
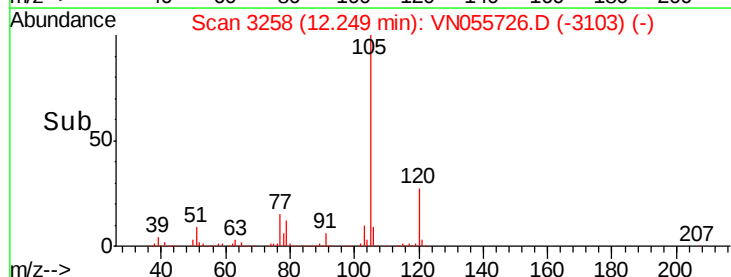
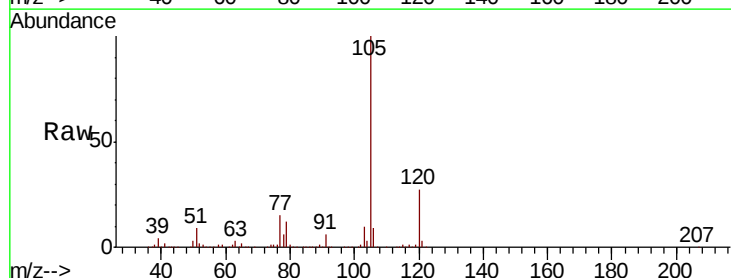
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

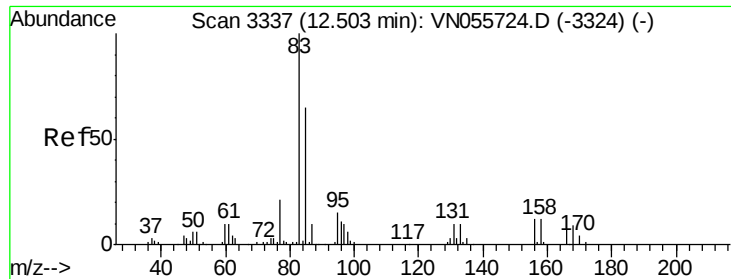
Tot Ion:104 Resp: 1055528
Ion Ratio Lower Upper
104 100
78 47.8 38.7 58.1
103 54.8 45.0 67.6



#70
Isopropylbenzene
Concen: 96.293 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion:105 Resp: 1597819
Ion Ratio Lower Upper
105 100
120 27.0 19.2 35.6

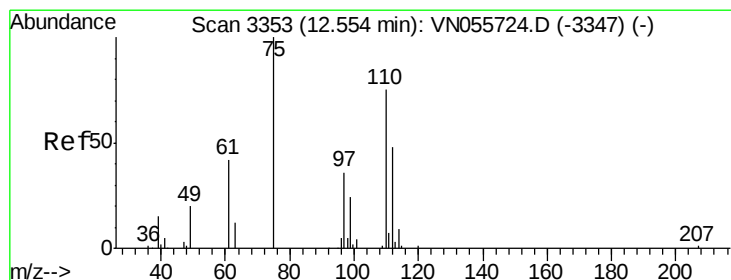
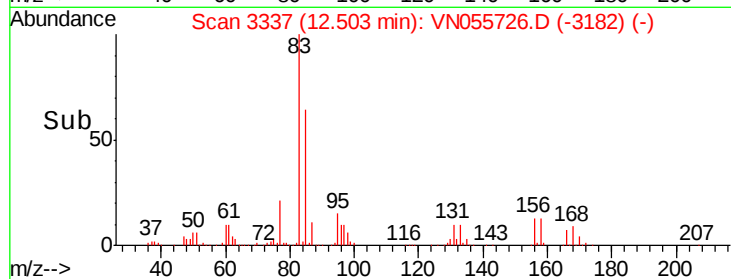
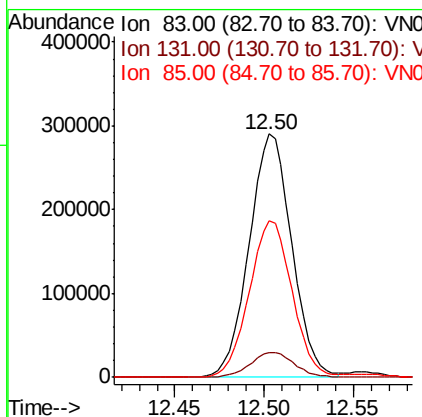
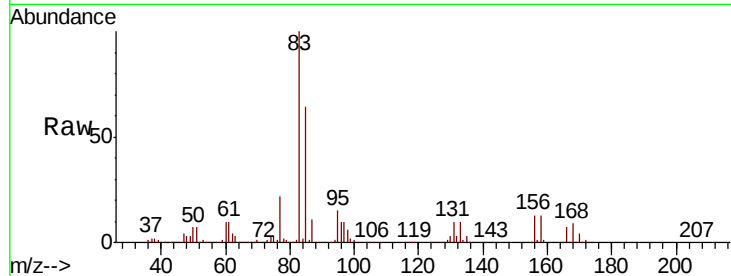




#71
 1,1,2,2-Tetrachloroethane
 Concen: 102.789 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

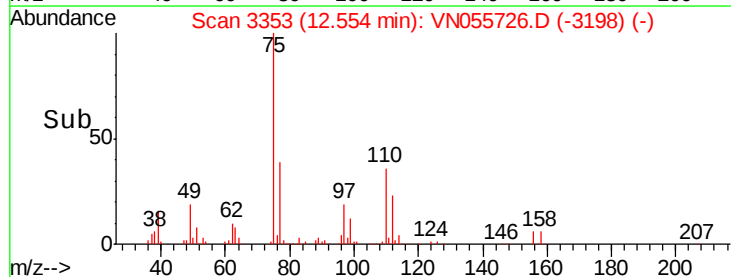
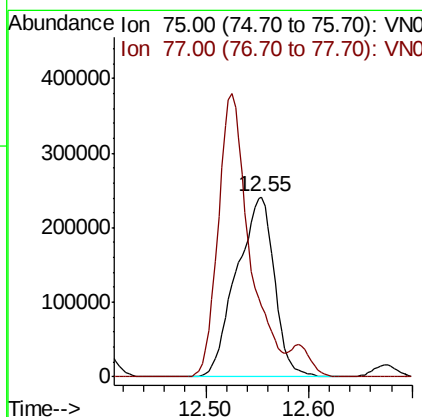
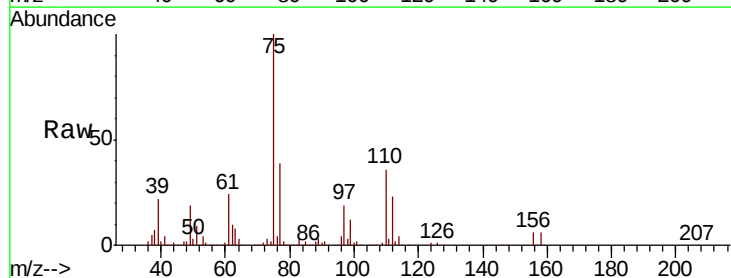
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

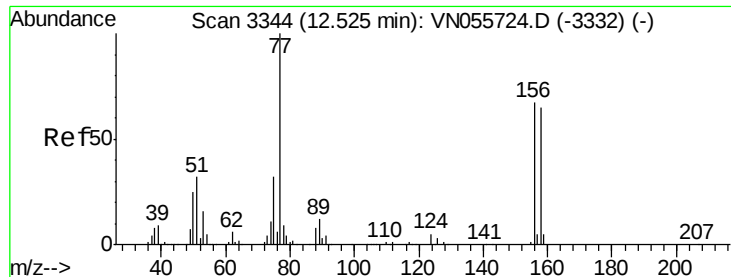
Tot Ion	83	Resp	484523
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.8
85	64.6	32.3	96.9



#72
 1,2,3-Trichloropropane
 Concen: 149.139 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion	75	Resp	614252
Ion Ratio	Lower	Upper	
75	100		
77	130.3	0.0	349.8





#73

Bromobenzene

Concen: 107.727 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

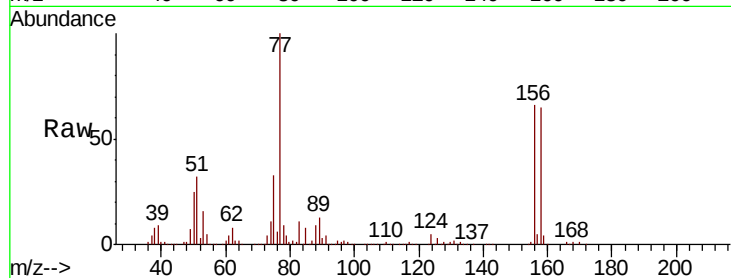
Tot Ion:156 Resp: 435735

Ion Ratio Lower Upper

156 100

77 183.7 0.0 368.0

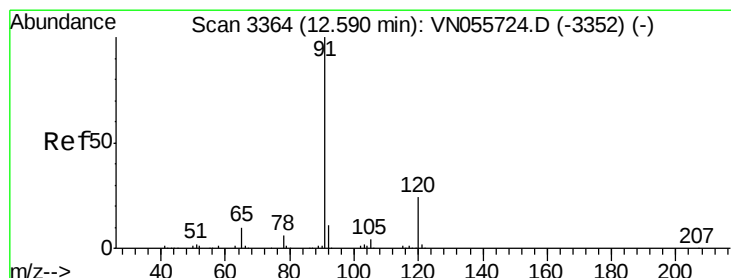
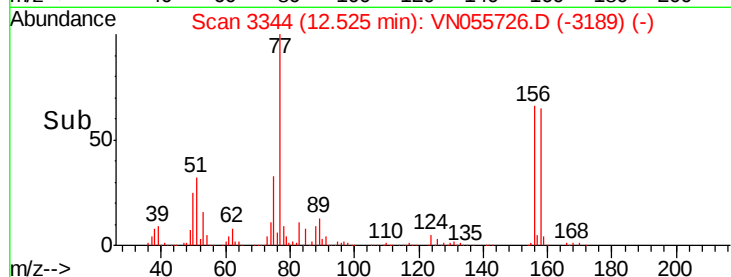
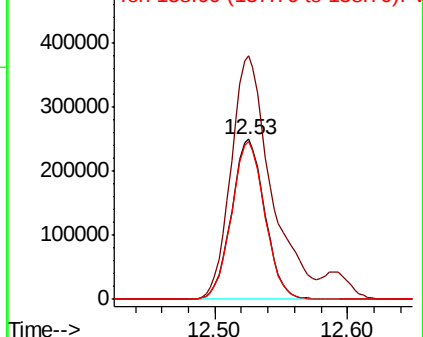
158 98.1 0.0 195.0



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: 96.506 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055726.D

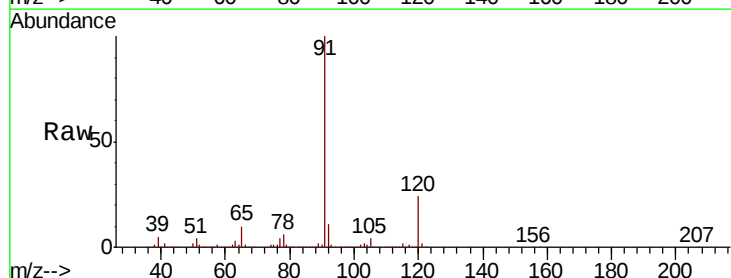
Acq: 22 May 2019 18:12

Tgt Ion: 91 Resp: 1776061

Ion Ratio Lower Upper

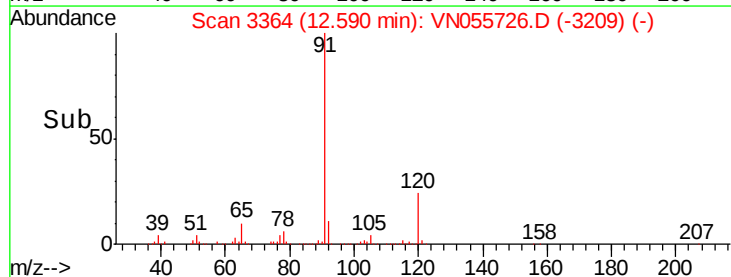
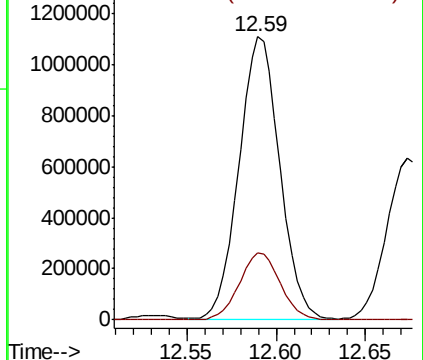
91 100

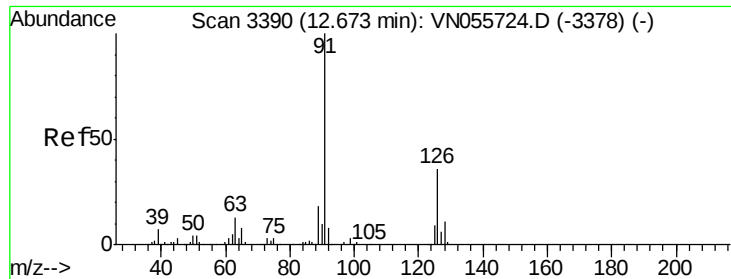
120 23.7 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 94.314 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

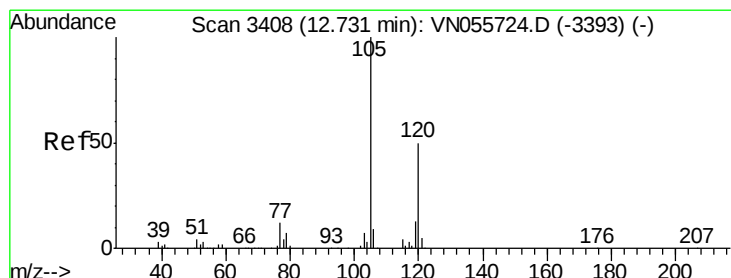
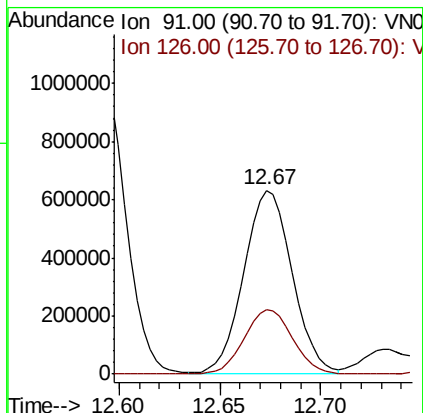
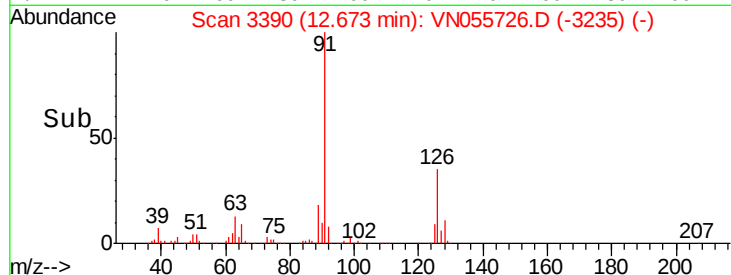
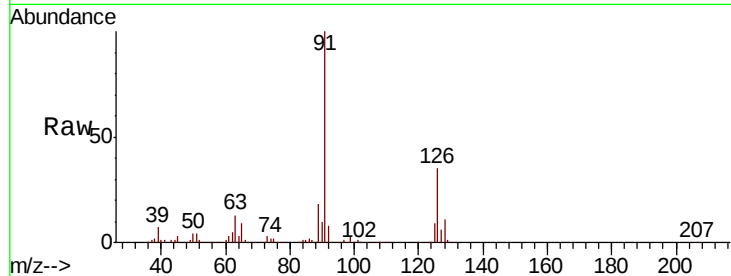
VSTDIC100

Tot Ion: 91 Resp: 1065375

Ion Ratio Lower Upper

91 100

126 35.2 0.0 71.0



#76

1,3,5-Trimethylbenzene

Concen: 97.606 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055726.D

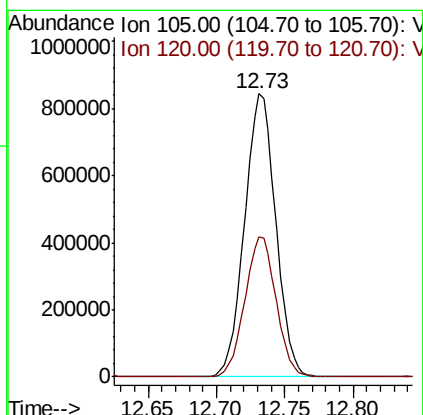
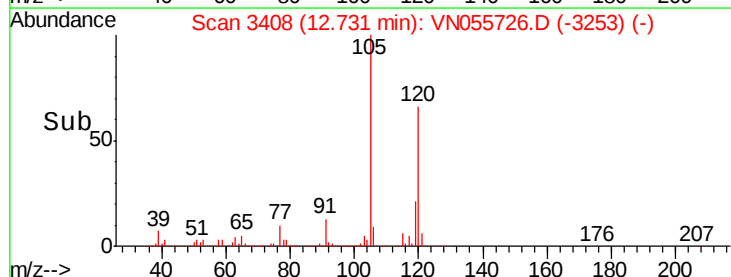
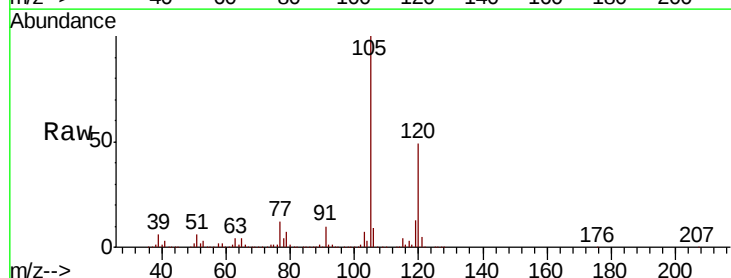
Acq: 22 May 2019 18:12

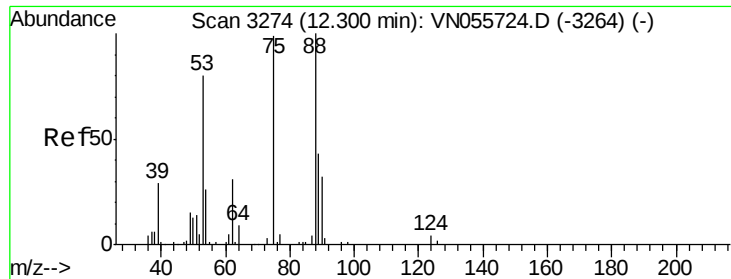
Tgt Ion:105 Resp: 1336263

Ion Ratio Lower Upper

105 100

120 49.7 0.0 99.2





#77

t-1,4-Dichloro-2-butene

Concen: 140.830 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

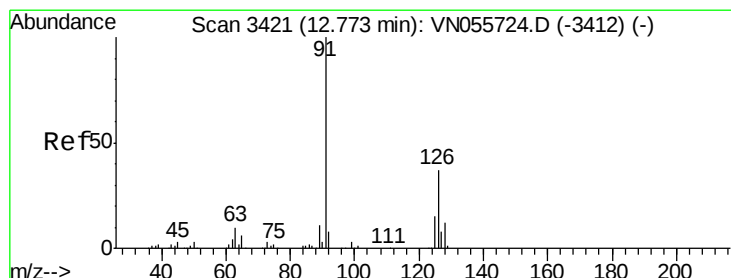
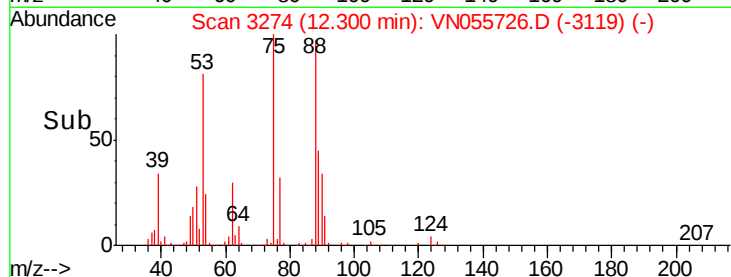
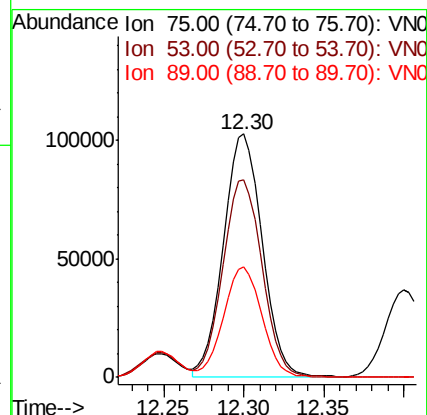
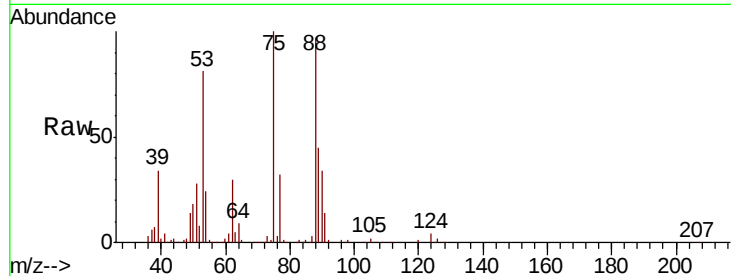
Tot Ion: 75 Resp: 170610

Ion Ratio Lower Upper

75 100

53 81.3 40.1 120.3

89 45.3 22.6 67.8



#78

4-Chlorotoluene

Concen: 99.441 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055726.D

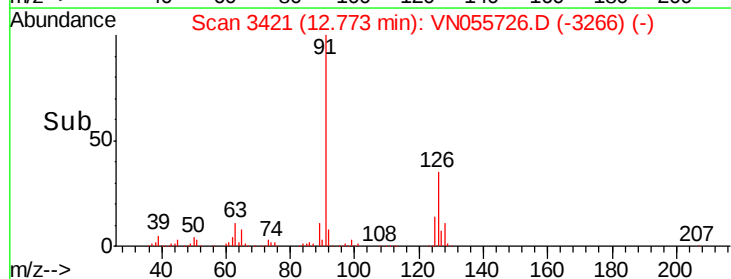
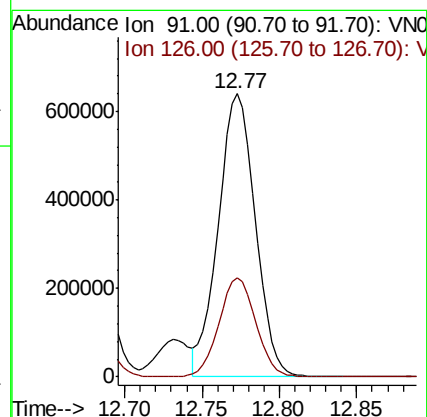
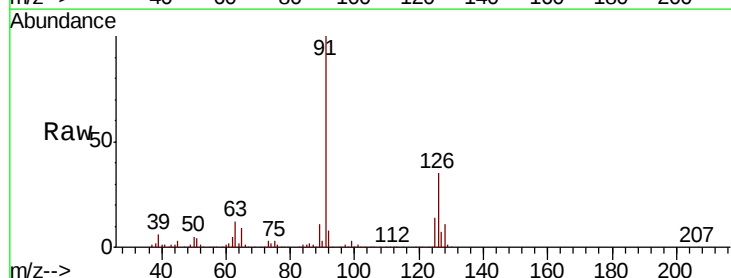
Acq: 22 May 2019 18:12

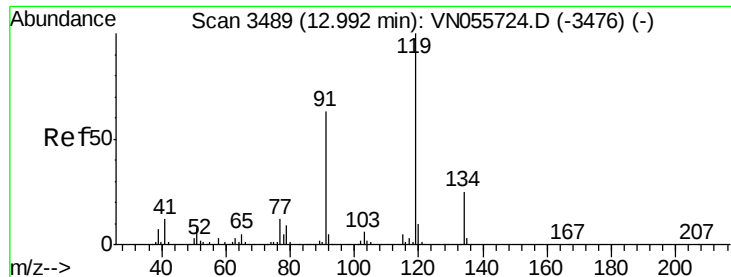
Tgt Ion: 91 Resp: 1064903

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.0

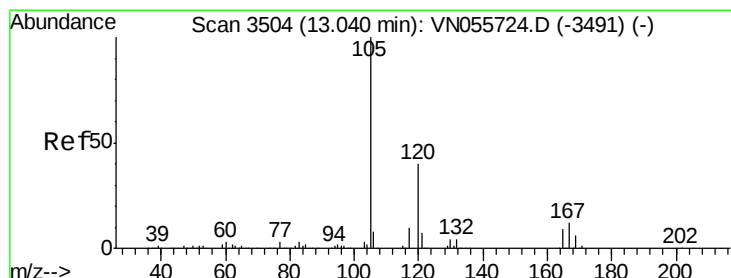
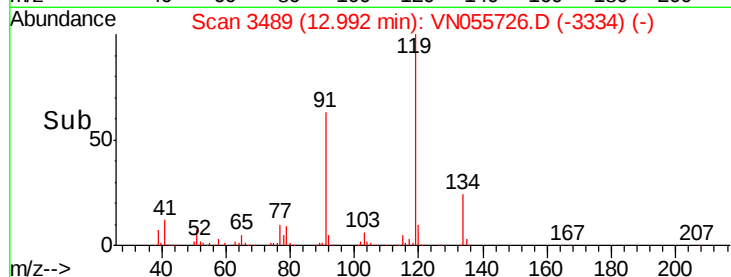
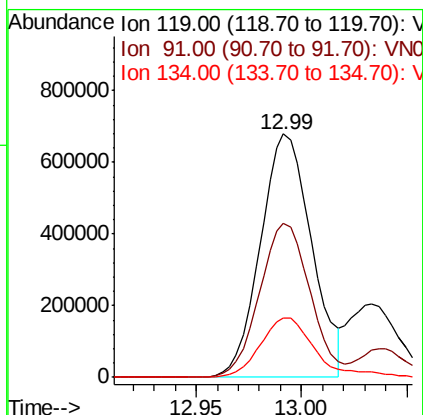
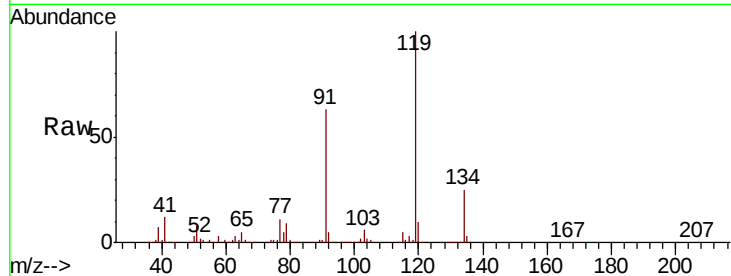




#79
tert-butylbenzene
Concen: 97.098 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

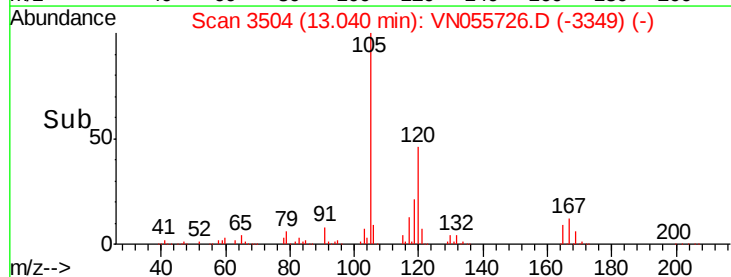
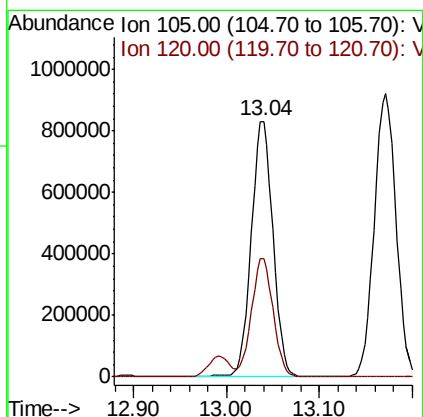
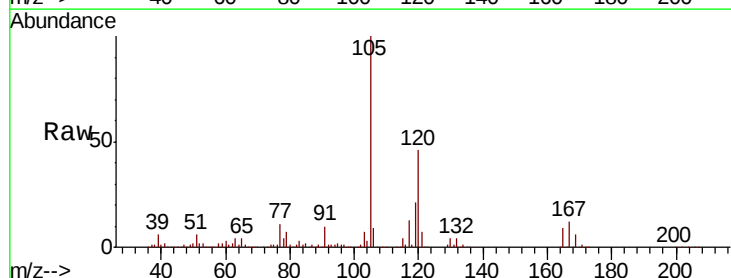
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

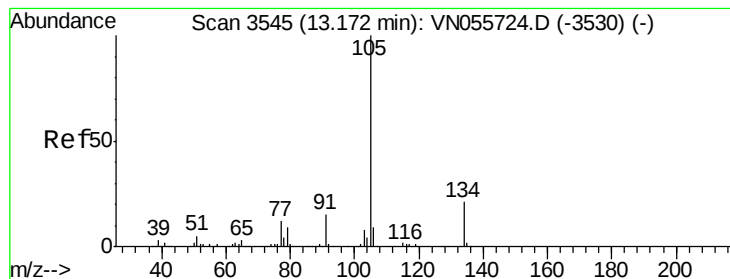
Tot Ion:119 Resp: 1149831
Ion Ratio Lower Upper
119 100
91 62.2 0.0 123.8
134 26.2 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 101.930 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion:105 Resp: 1346866
Ion Ratio Lower Upper
105 100
120 46.1 0.0 93.6





#81

sec-Butylbenzene

Concen: 96.665 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampled :

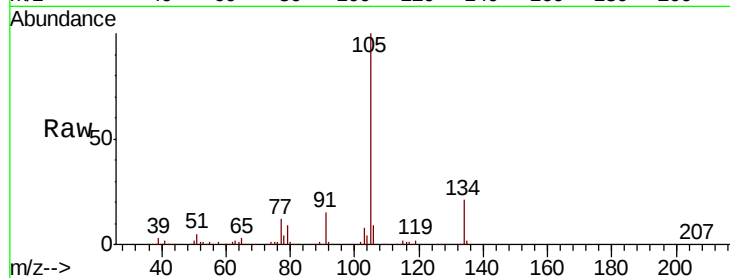
VSTDIC100

Tot Ion:105 Resp: 1498588

Ion Ratio Lower Upper

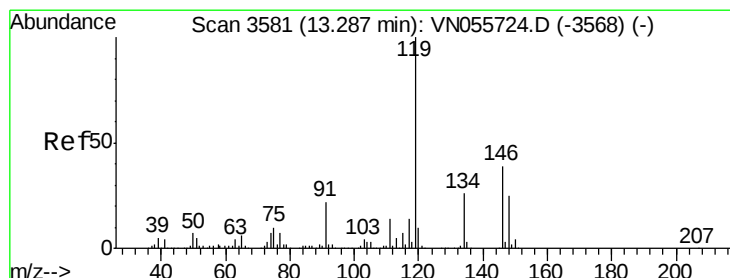
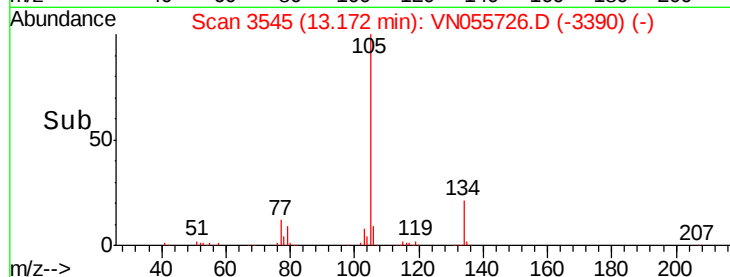
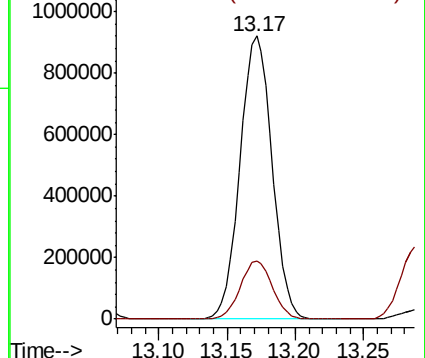
105 100

134 20.6 0.0 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 106.507 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

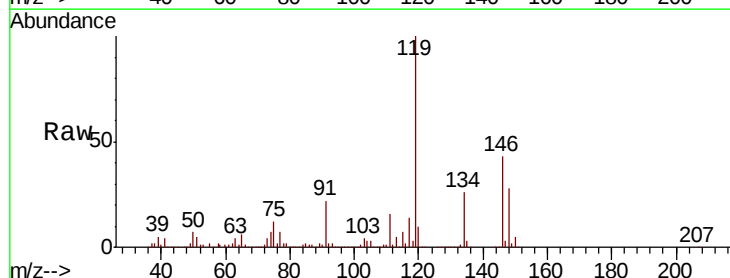
Tgt Ion:119 Resp: 1401930

Ion Ratio Lower Upper

119 100

134 26.5 0.0 52.0

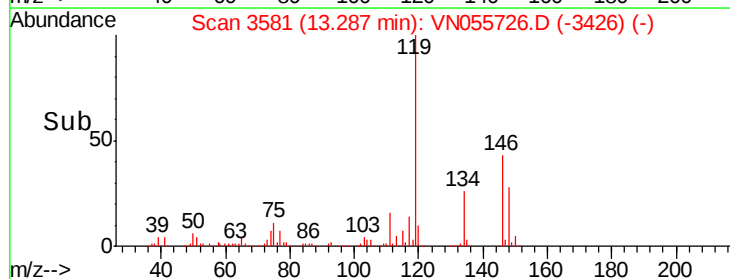
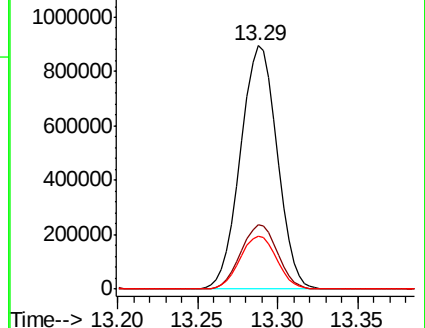
91 22.0 0.0 44.4

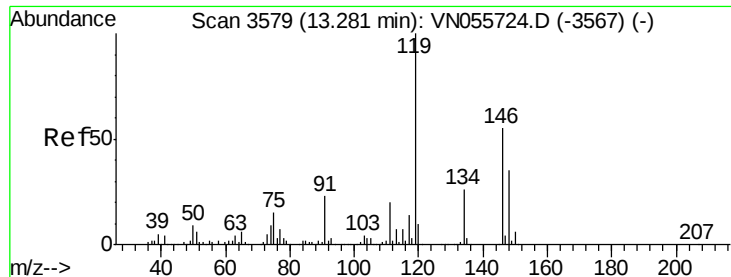


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

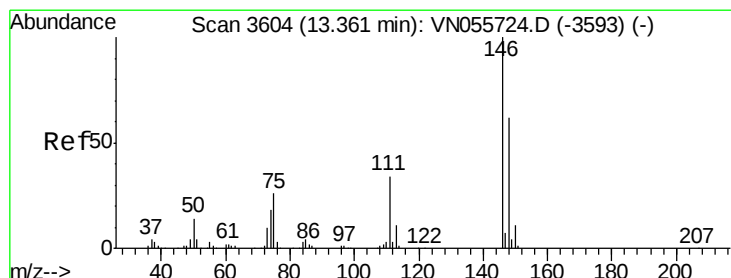
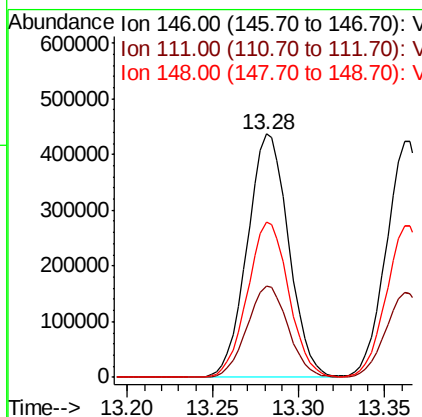
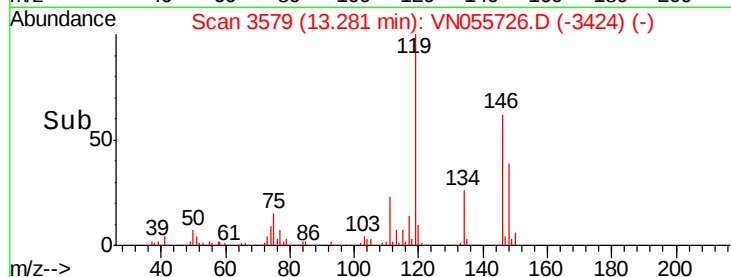
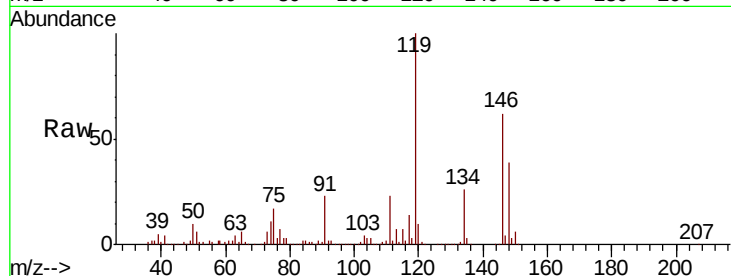




#83
 1,3-Dichlorobenzene
 Concen: 111.295 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

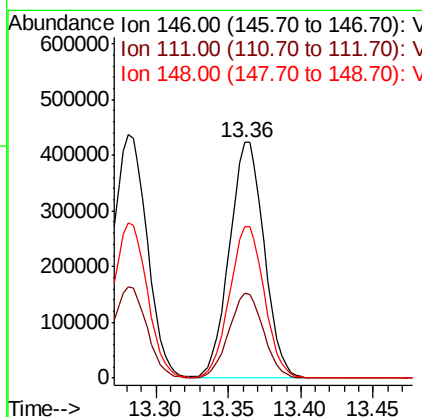
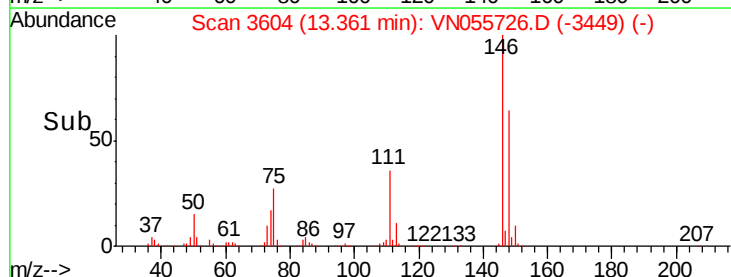
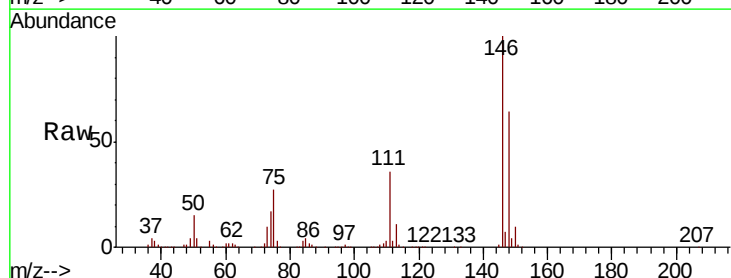
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

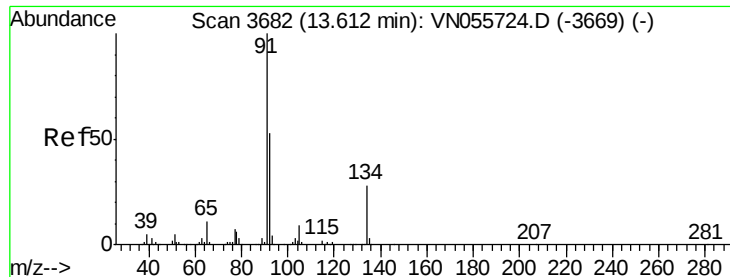
Tot Ion:146 Resp: 726879
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.6
 148 63.7 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 114.014 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion:146 Resp: 702379
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.5 52.6
 148 64.4 31.8 95.4

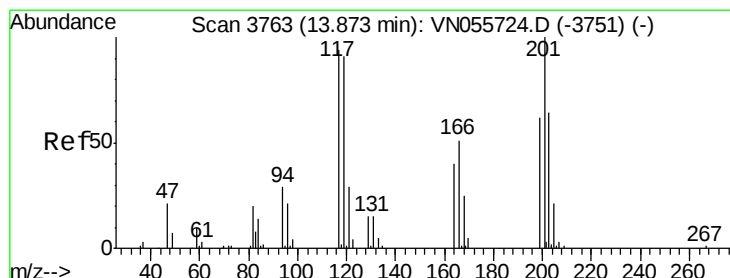
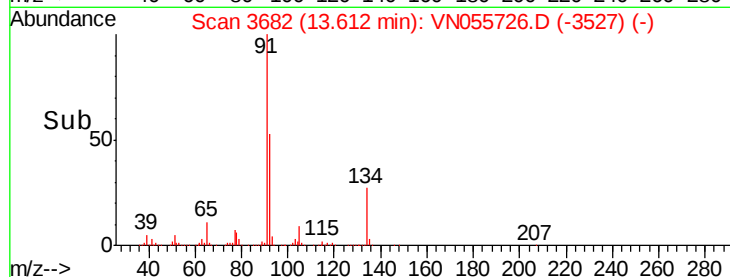
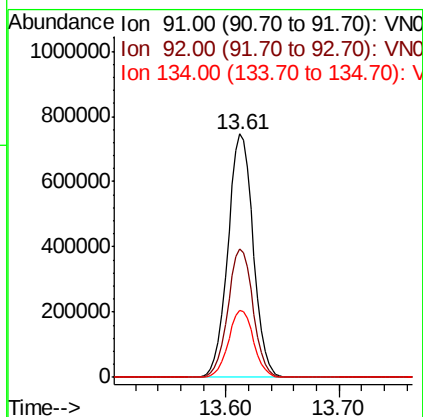
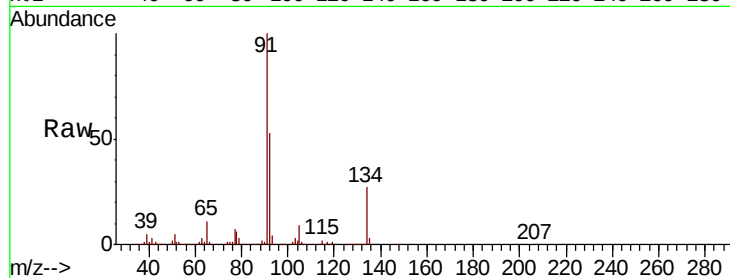




#85
n-Butylbenzene
Concen: 114.156 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

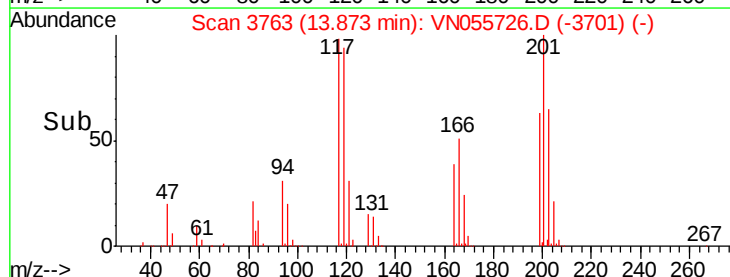
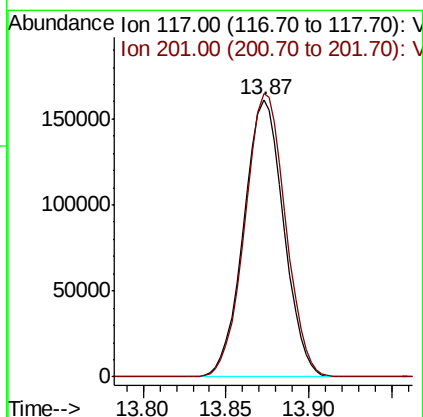
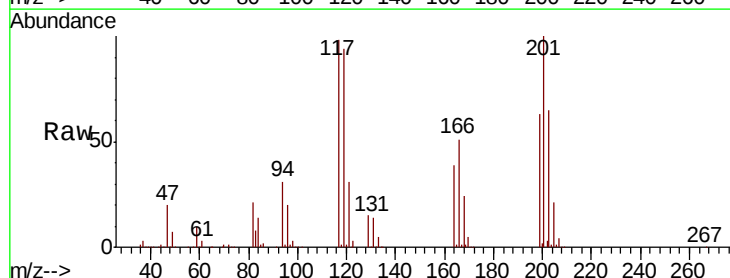
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

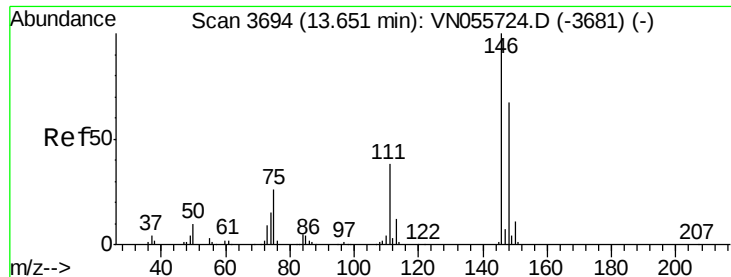
Tot Ion: 91 Resp: 1156751
Ion Ratio Lower Upper
91 100
92 52.5 0.0 106.8
134 27.3 0.0 55.2



#86
Hexachloroethane
Concen: 115.515 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055726.D
Acq: 22 May 2019 18:12

Tgt Ion: 117 Resp: 270561
Ion Ratio Lower Upper
117 100
201 103.4 52.5 157.6





#87

1,2-Dichlorobenzene

Concen: 108.239 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

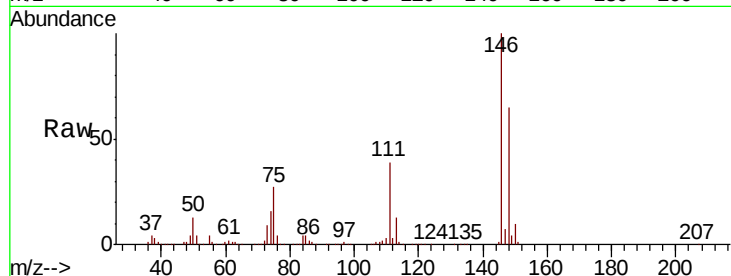
Tot Ion:146 Resp: 707908

Ion Ratio Lower Upper

146 100

111 38.4 19.2 57.6

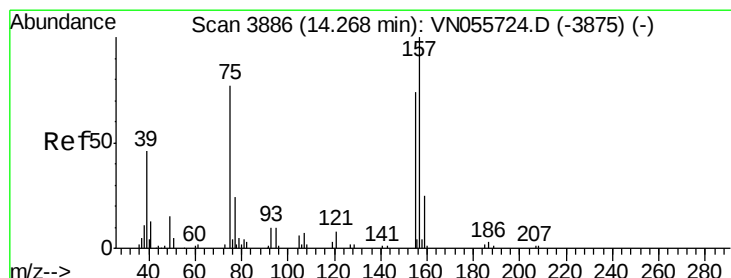
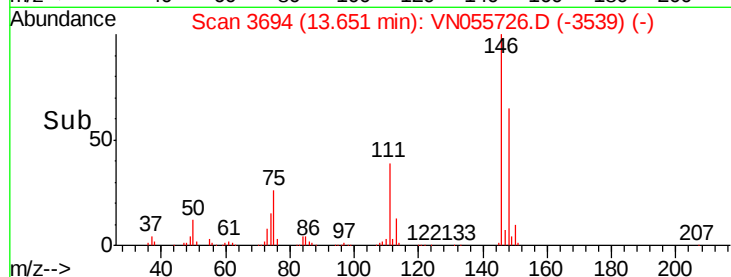
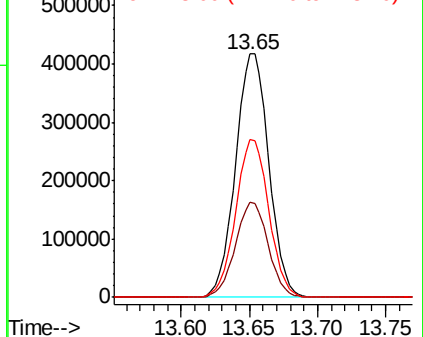
148 64.3 32.7 98.1



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: 126.365 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

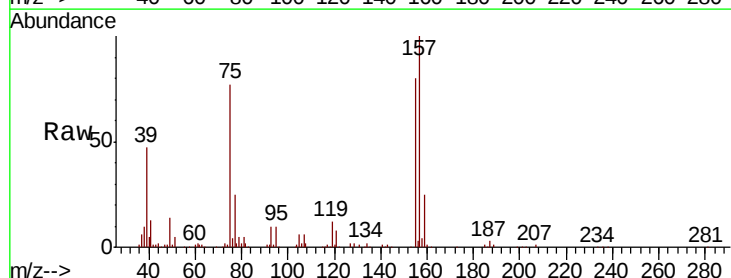
Tgt Ion: 75 Resp: 93751

Ion Ratio Lower Upper

75 100

155 102.3 78.4 117.6

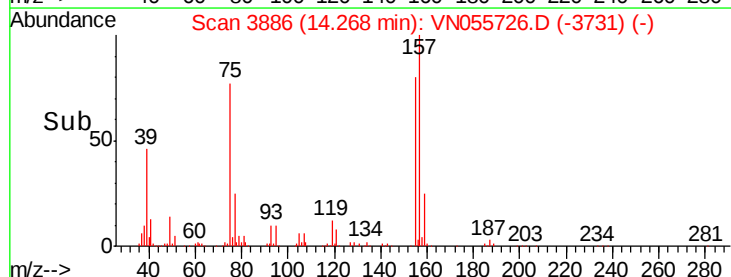
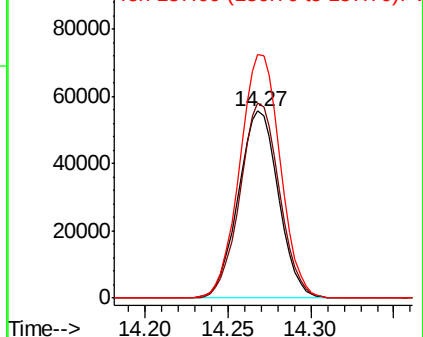
157 131.6 105.0 157.4

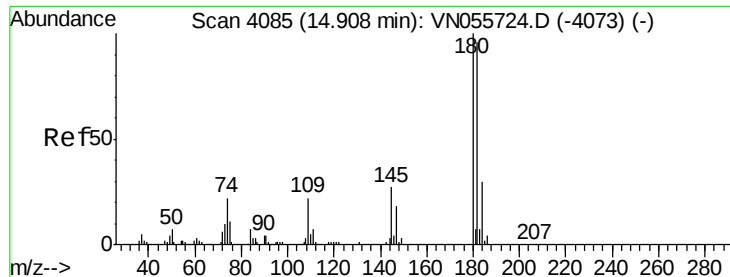


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

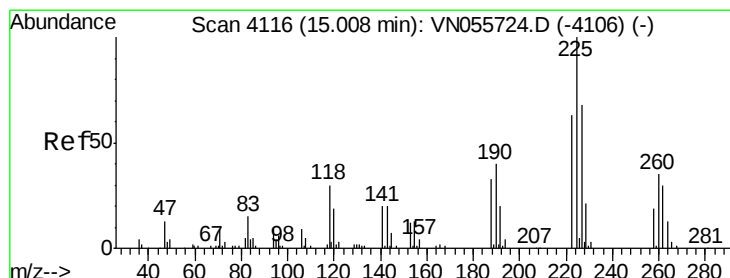
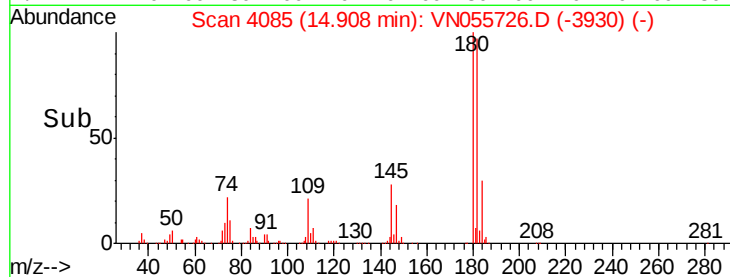
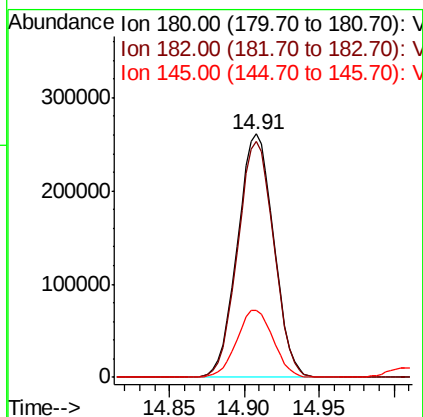
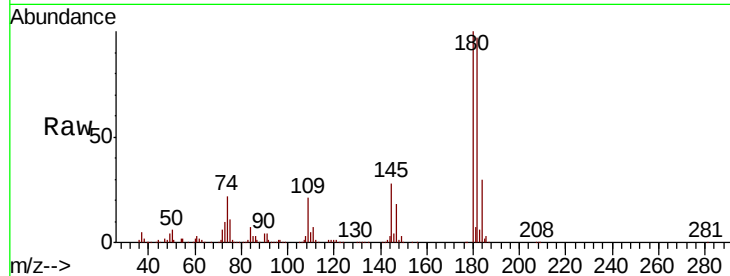




#89
 1,2,4-Trichlorobenzene
 Concen: 158.641 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

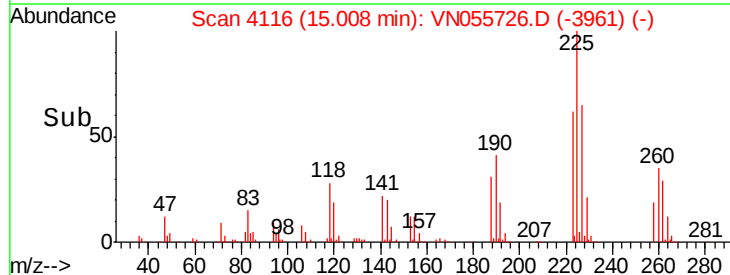
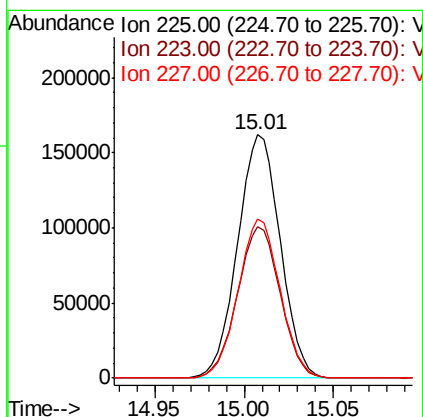
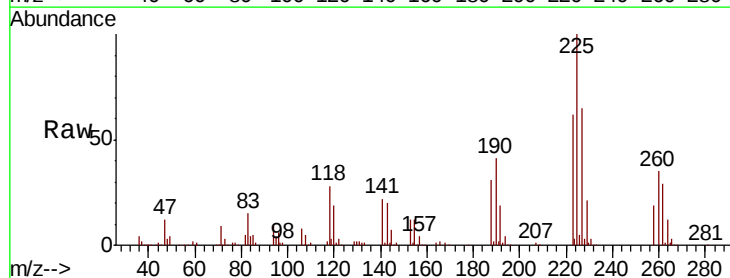
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

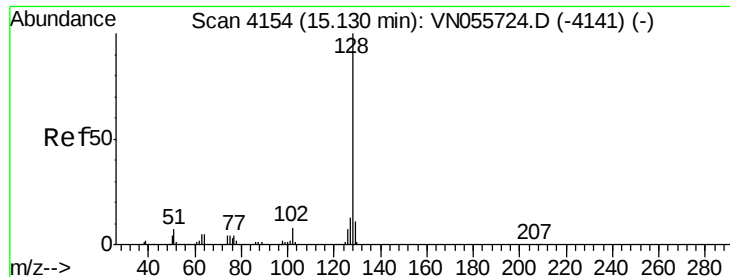
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.1	114.1
145	27.7	21.8	32.8



#90
 Hexachlorobutadiene
 Concen: 118.402 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN055726.D
 Acq: 22 May 2019 18:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	126.0
227	64.3	0.0	133.0





#91

Naphthalene

Concen: 171.976 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

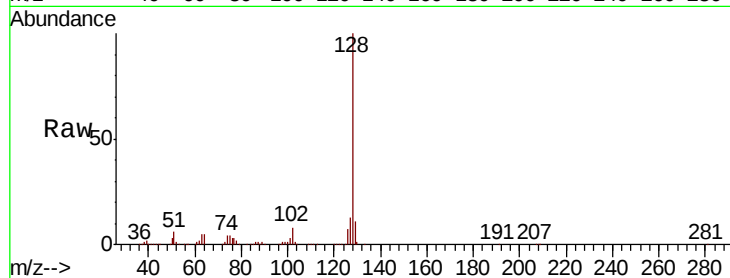
Tot Ion:128 Resp: 1166656

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

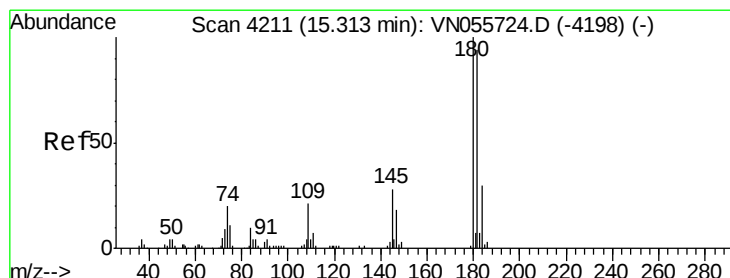
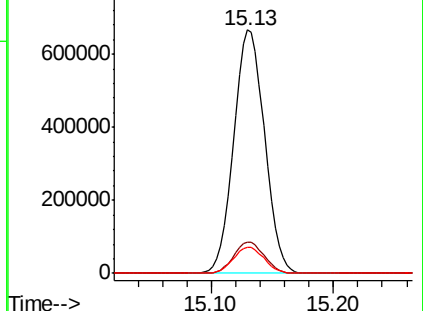
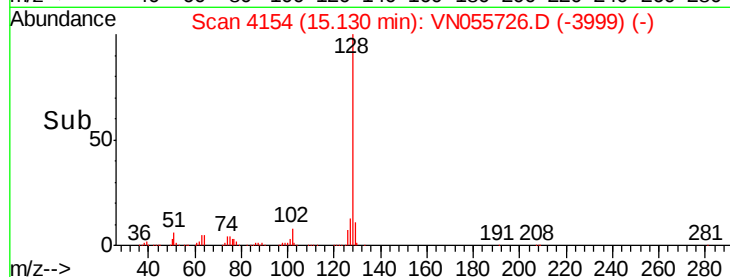
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 150.527 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055726.D

Acq: 22 May 2019 18:12

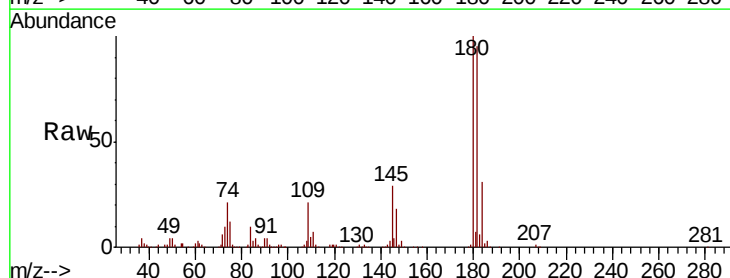
Tgt Ion:180 Resp: 439475

Ion Ratio Lower Upper

180 100

182 96.0 0.0 188.6

145 29.1 0.0 56.8



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

