

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057245.D
 Acq On : 13 Aug 2019 13:04
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 14 05:36:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1186561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1709353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1569097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	757444	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	1173798	90.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.42%	
35) Dibromofluoromethane	7.58	113	1072300	99.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.18%	
50) Toluene-d8	10.09	98	4053416	97.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.80%	
62) 4-Bromofluorobenzene	12.40	95	1454740	104.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.22%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	948160	85.825 ug/l	99
3) Chloromethane	2.05	50	1041480	71.507 ug/l	98
4) Vinyl Chloride	2.18	62	1061299	75.817 ug/l	98
5) Bromomethane	2.53	94	728146	86.074 ug/l	97
6) Chloroethane	2.68	64	679198	81.463 ug/l	98
7) Trichlorofluoromethane	3.01	101	1658360	89.743 ug/l	99
8) Diethyl Ether	3.40	74	624233	88.159 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	989914	89.508 ug/l	99
10) Methyl Iodide	3.95	142	1643014	107.575 ug/l	99
11) Tert butyl alcohol	4.77	59	798134	383.918 ug/l	# 82
12) 1,1-Dichloroethene	3.73	96	1002958	90.630 ug/l	98
13) Acrolein	3.60	56	580333	653.438 ug/l	100
14) Allyl chloride	4.31	41	1543572	82.214 ug/l	99
15) Acrylonitrile	4.97	53	2245124	371.379 ug/l	99
16) Acetone	3.80	43	1991771	345.056 ug/l	99
17) Carbon Disulfide	4.05	76	2732686	92.893 ug/l	98
18) Methyl Acetate	4.31	43	1022921	64.736 ug/l	99
19) Methyl tert-butyl Ether	5.03	73	3024185	86.603 ug/l	100
20) Methylene Chloride	4.54	84	1107273	84.855 ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	1053457	90.233 ug/l	98
22) Diisopropyl ether	5.94	45	2942922	79.886 ug/l	97
23) Vinyl Acetate	5.88	43	12171969	409.370 ug/l	100
24) 1,1-Dichloroethane	5.84	63	1857462	85.607 ug/l	99
25) 2-Butanone	6.82	43	2900784	346.121 ug/l	99
26) 2,2-Dichloropropane	6.81	77	1588603	99.254 ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	1224349	91.065 ug/l	100
28) Bromochloromethane	7.18	49	828681	82.727 ug/l	99
29) Tetrahydrofuran	7.20	42	1829480	336.152 ug/l	99
30) Chloroform	7.36	83	1910235	87.330 ug/l	100
31) Cyclohexane	7.65	56	1605279	79.384 ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	1701235	97.299 ug/l	100
36) 1,1-Dichloropropene	7.79	75	1463094	92.746 ug/l	99
37) Ethyl Acetate	6.91	43	1163176	78.017 ug/l	99
38) Carbon Tetrachloride	7.77	117	1547164	102.731 ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057245.D
 Acq On : 13 Aug 2019 13:04
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 14 05:36:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1756532	90.795	ug/l	100
40) Benzene	8.03	78	4357075	90.560	ug/l	99
41) Methacrylonitrile	7.20	41	1650941	254.708	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1410971	92.346	ug/l	99
43) Isopropyl Acetate	8.16	43	1974100	83.001	ug/l	100
44) Trichloroethene	8.83	130	1269410	95.946	ug/l	98
45) 1,2-Dichloropropane	9.11	63	1129529	89.126	ug/l	99
46) Dibromomethane	9.20	93	743551	93.577	ug/l	99
47) Bromodichloromethane	9.40	83	1506719	99.070	ug/l	100
48) Methyl methacrylate	9.19	41	949854	83.106	ug/l	99
49) 1,4-Dioxane	9.19	88	395464	1659.860	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	5792291	381.367	ug/l	100
52) Toluene	10.15	92	2756751	95.786	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1670220	105.077	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	1828062	99.526	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	1059368	88.559	ug/l	99
56) Ethyl methacrylate	10.43	69	1598234	93.931	ug/l	100
57) 1,3-Dichloropropane	10.70	76	1747979	89.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	2237291	296.491	ug/l	99
59) 2-Hexanone	10.75	43	4296406	396.090	ug/l	100
60) Dibromochloromethane	10.90	129	1261951	105.745	ug/l	99
61) 1,2-Dibromoethane	11.00	107	1139059	95.504	ug/l	99
64) Tetrachloroethene	10.63	164	1232152	90.603	ug/l	98
65) Chlorobenzene	11.43	112	3073275	95.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1177633	98.702	ug/l	98
67) Ethyl Benzene	11.51	91	5400362	95.920	ug/l	99
68) m/p-Xylenes	11.62	106	4115396	195.735	ug/l	100
69) o-Xylene	11.95	106	2004167	96.988	ug/l	99
70) Styrene	11.96	104	3414863	102.561	ug/l	100
71) Bromoform	12.13	173	990851	109.287	ug/l	100
73) Isopropylbenzene	12.25	105	5418254	87.097	ug/l	99
74) N-amyl acetate	12.07	43	1686388	76.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	1470674	71.885	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1898220	116.393	ug/l #	100
77) Bromobenzene	12.53	156	1467546	90.037	ug/l	99
78) n-propylbenzene	12.59	91	5966085	87.319	ug/l	99
79) 2-Chlorotoluene	12.67	91	3568387	83.980	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4629155	88.090	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	504546	93.376	ug/l	99
82) 4-Chlorotoluene	12.77	91	3593797	89.815	ug/l	100
83) tert-Butylbenzene	12.99	119	4065076	88.030	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	4513376	88.653	ug/l	100
85) sec-Butylbenzene	13.17	105	5225115	89.620	ug/l	99
86) p-Isopropyltoluene	13.29	119	4793851	91.252	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2430452	92.348	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	2350257	92.344	ug/l	99
89) n-Butylbenzene	13.62	91	3678250	89.063	ug/l	100
90) Hexachloroethane	13.88	117	868049	99.559	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	2329754	87.194	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	234447	74.261	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057245.D
Acq On : 13 Aug 2019 13:04
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Aug 14 05:36:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 05:31:30 2019
Response via : Initial Calibration

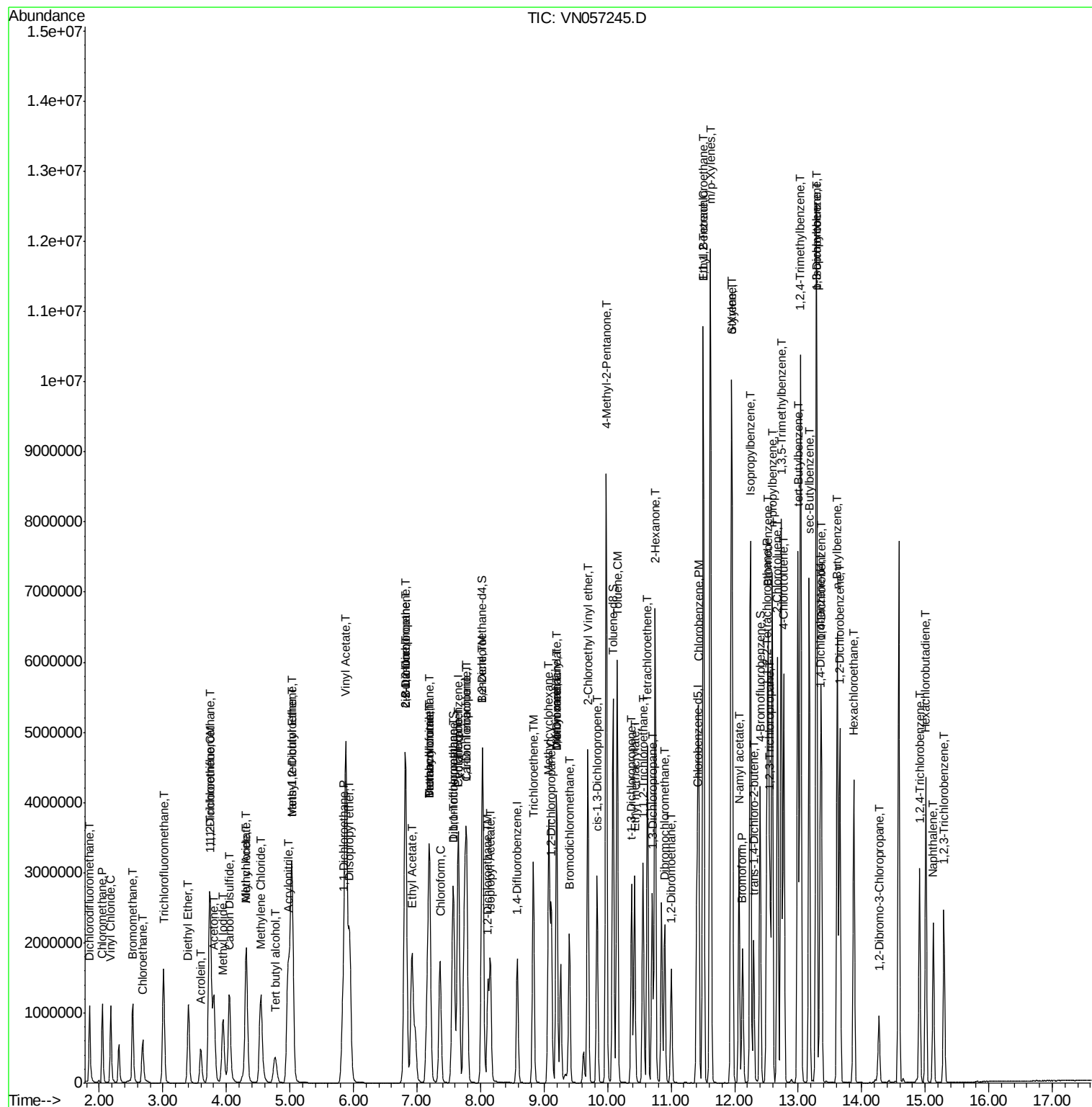
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1090919	94.473	ug/l	100
94) Hexachlorobutadiene	15.01	225	956985	96.423	ug/l	100
95) Naphthalene	15.13	128	1979451	66.743	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	893710	75.900	ug/l	98

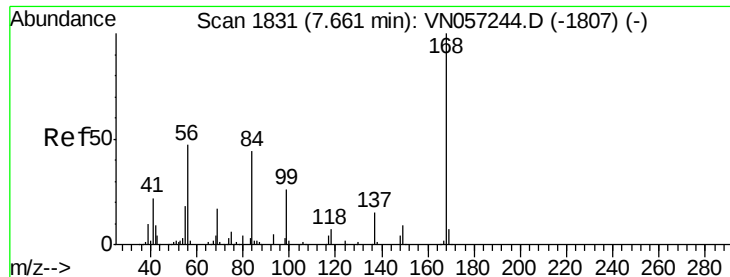
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057245.D
Acq On : 13 Aug 2019 13:04
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Quant Time: Aug 14 05:36:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 05:31:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampled :

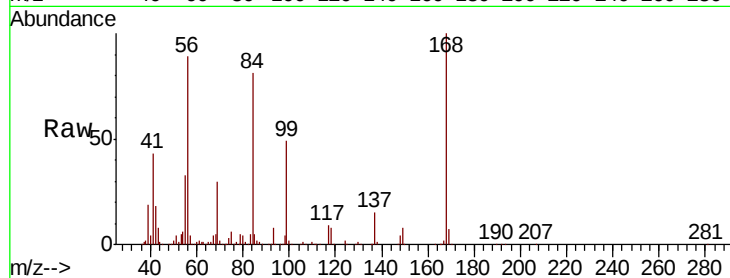
VSTDIC100

Tgt Ion:168 Resp: 1186561

Ion Ratio Lower Upper

168 100

99 48.5 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

300000

200000

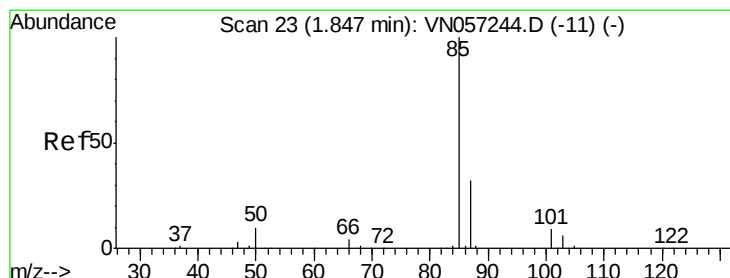
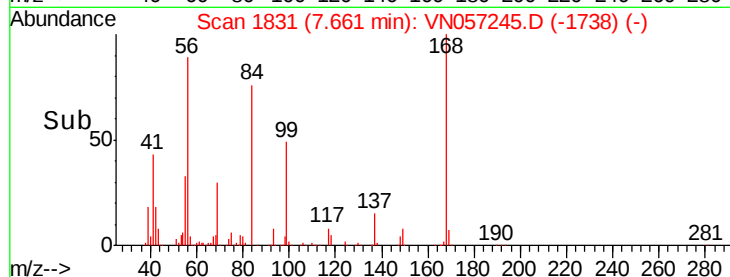
100000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 85.825 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN057245.D

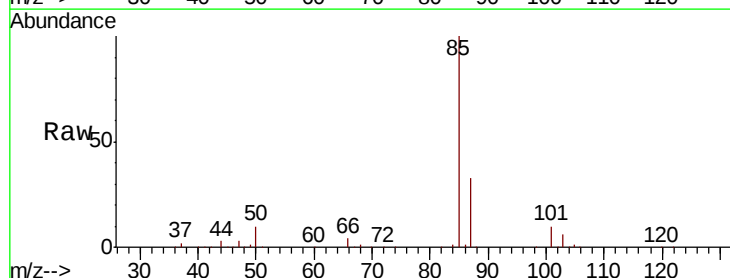
Acq: 13 Aug 2019 13:04

Tgt Ion: 85 Resp: 948160

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

600000

400000

200000

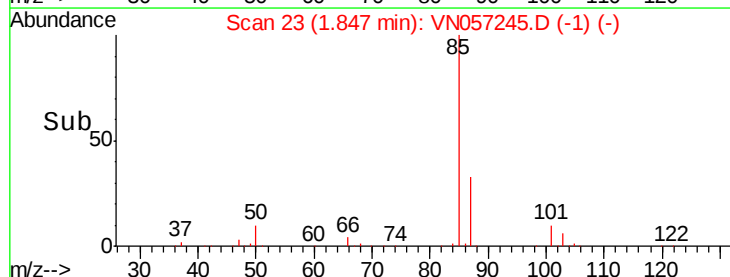
0

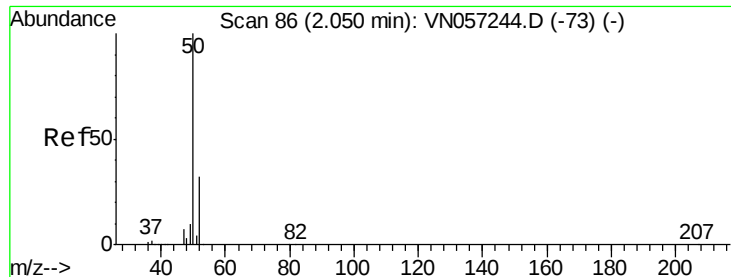
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 71.507 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

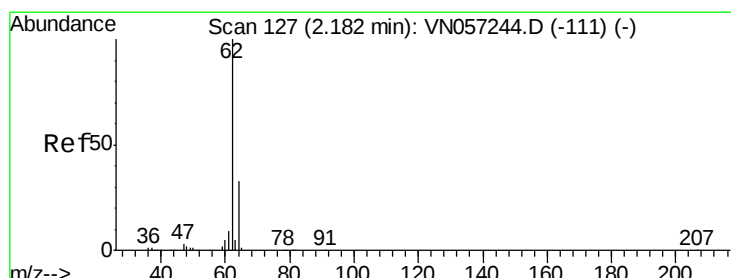
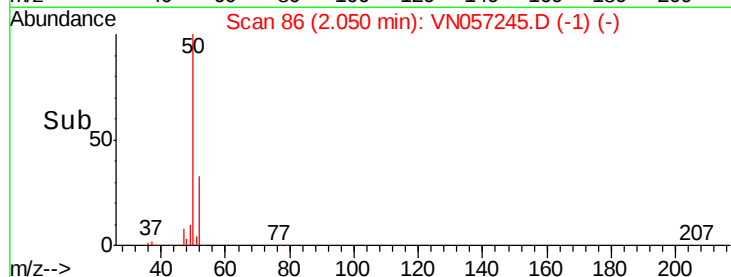
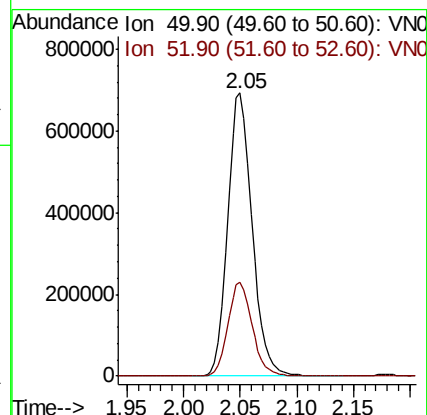
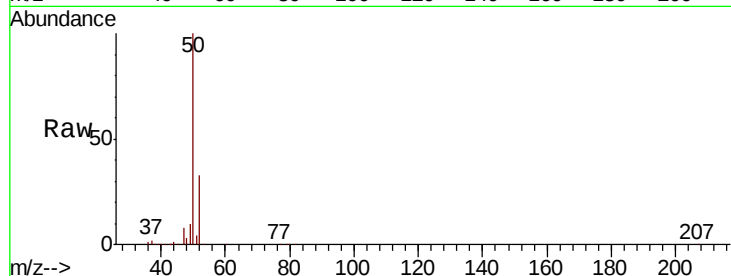
VSTDIC100

Tgt Ion: 50 Resp: 1041480

Ion Ratio Lower Upper

50 100

52 33.2 25.6 38.4



#4

Vinyl Chloride

Concen: 75.817 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057245.D

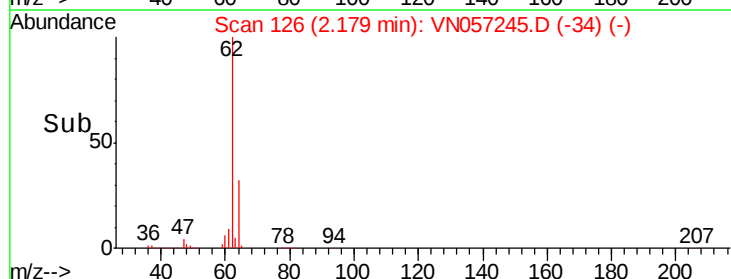
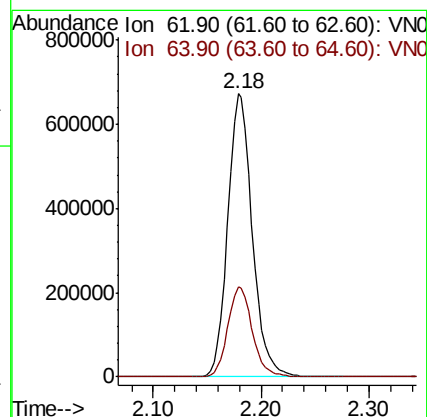
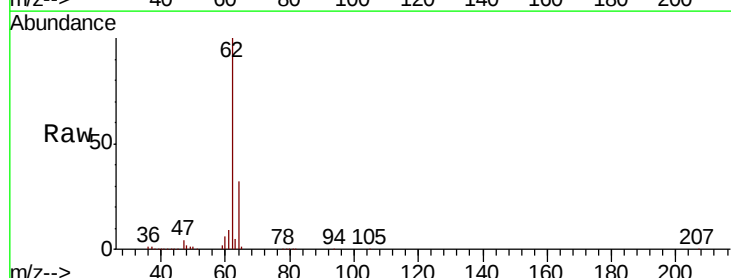
Acq: 13 Aug 2019 13:04

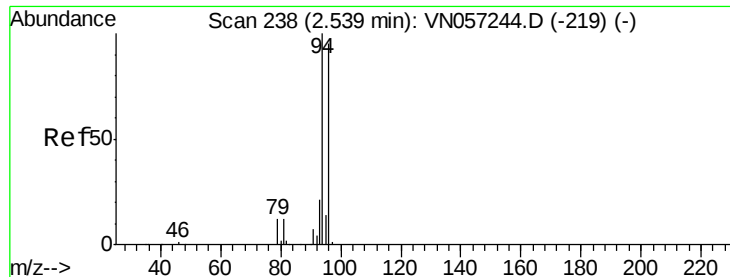
Tgt Ion: 62 Resp: 1061299

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 86.074 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

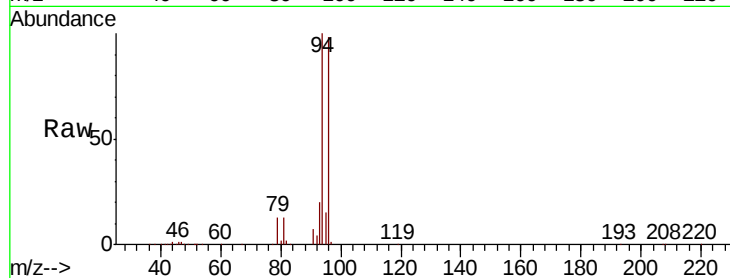
VSTDIC100

Tgt Ion: 94 Resp: 728146

Ion Ratio Lower Upper

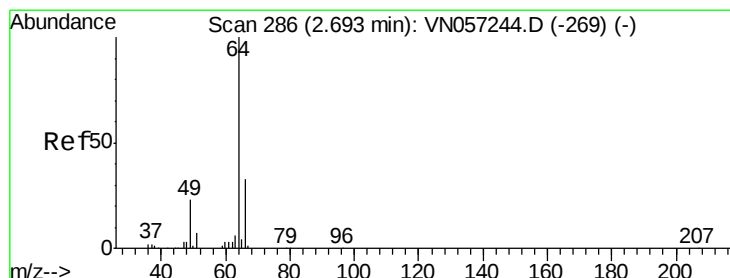
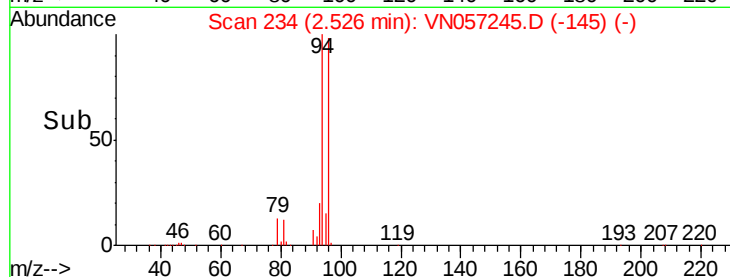
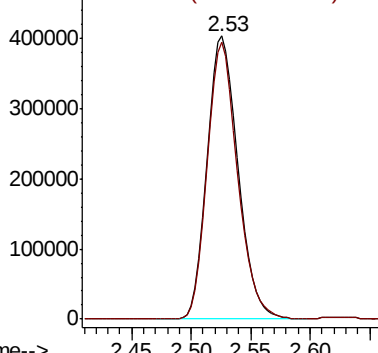
94 100

96 97.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 81.463 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN057245.D

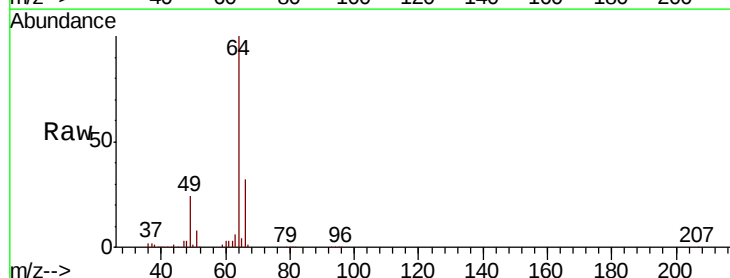
Acq: 13 Aug 2019 13:04

Tgt Ion: 64 Resp: 679198

Ion Ratio Lower Upper

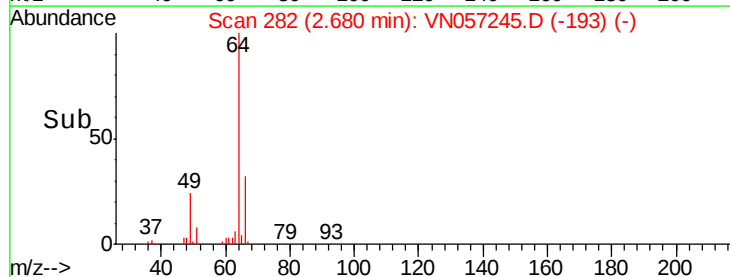
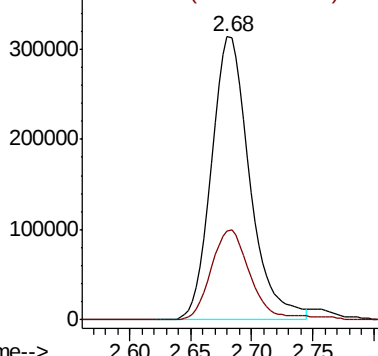
64 100

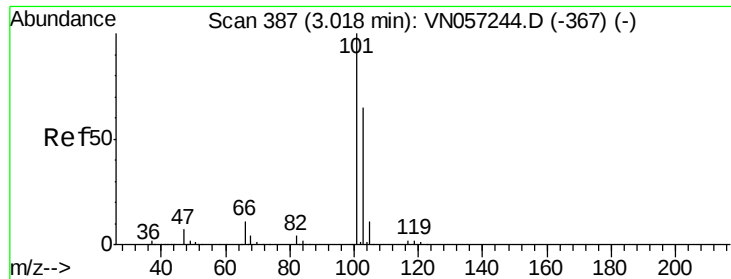
66 31.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



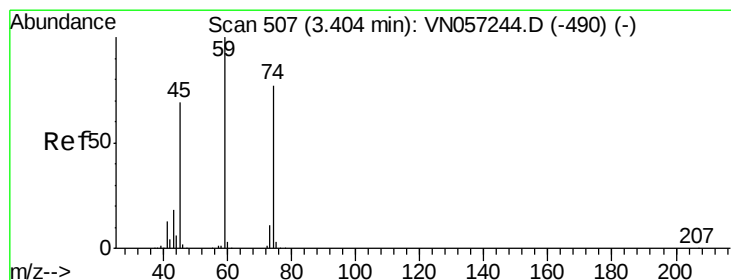
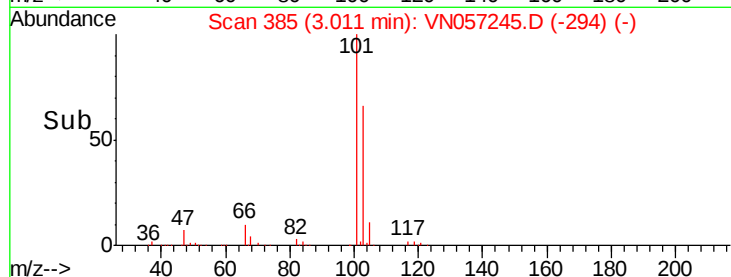
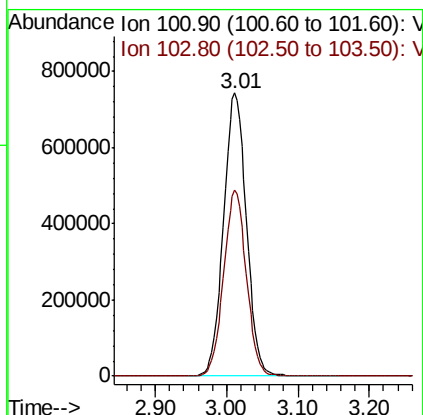
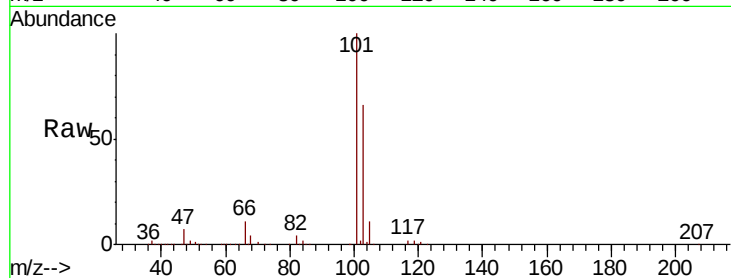


#7

Trichlorofluoromethane
 Concen: 89.743 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

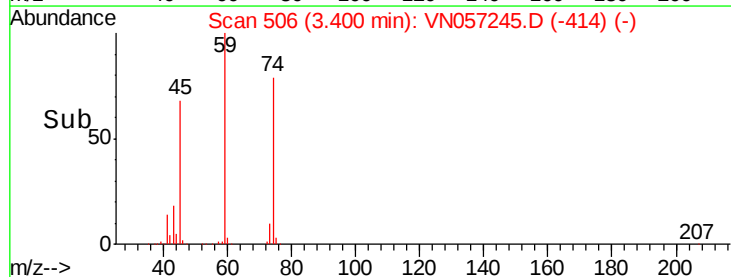
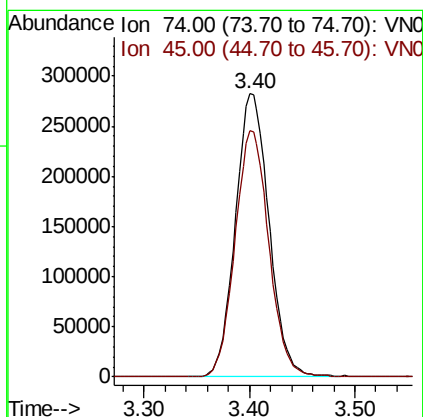
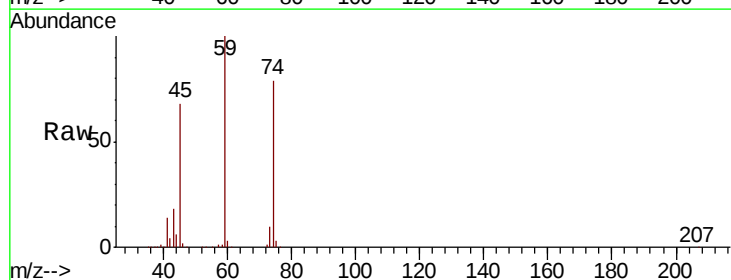
Tgt Ion:101 Resp: 1658360
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.8 77.6

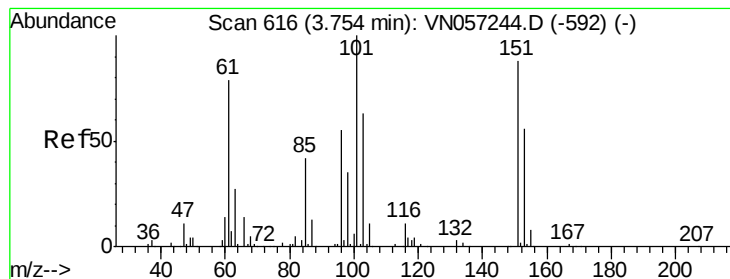


#8

Diethyl Ether
 Concen: 88.159 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 74 Resp: 624233
 Ion Ratio Lower Upper
 74 100
 45 87.5 45.1 135.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 89.508 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

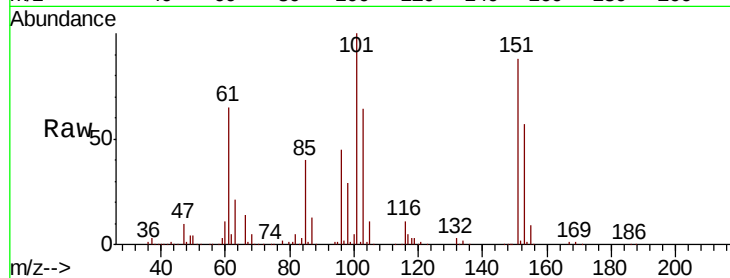
Tgt Ion:101 Resp: 989914

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

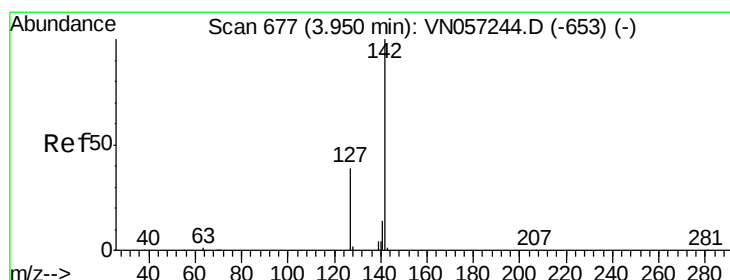
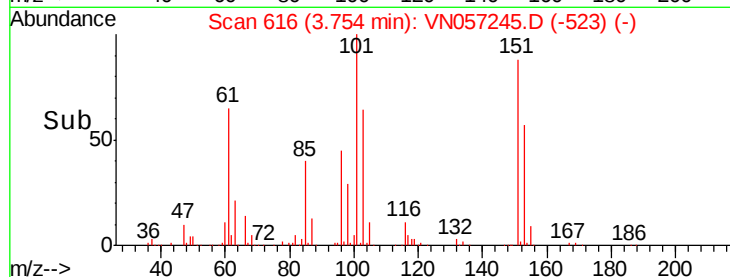
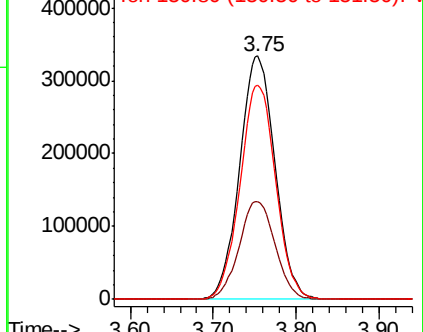
151 88.7 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 107.575 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

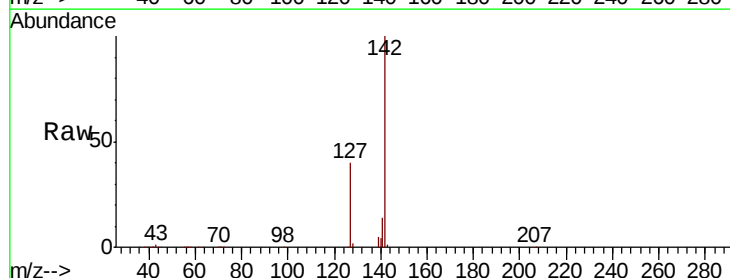
Tgt Ion:142 Resp: 1643014

Ion Ratio Lower Upper

142 100

127 39.0 30.7 46.1

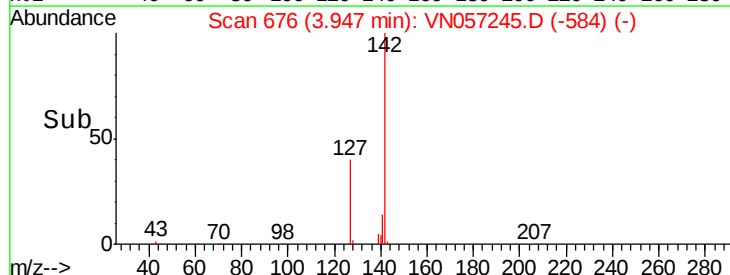
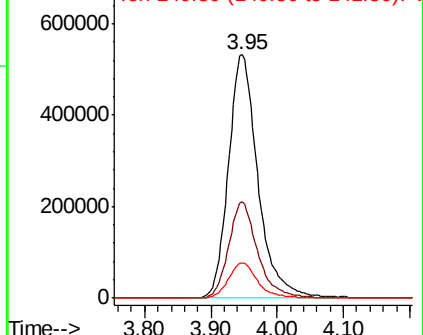
141 14.4 11.0 16.6

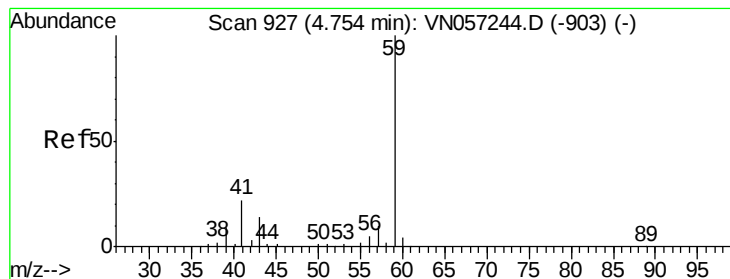


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



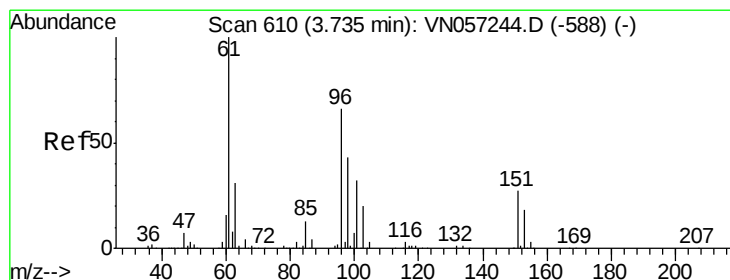
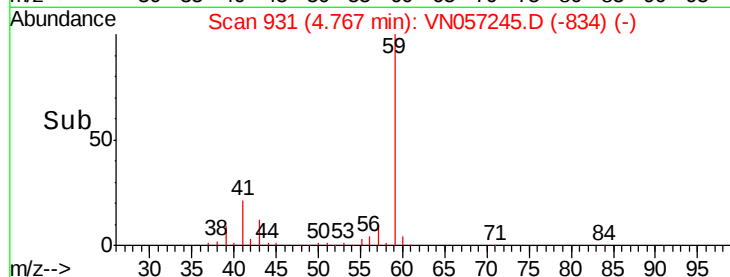
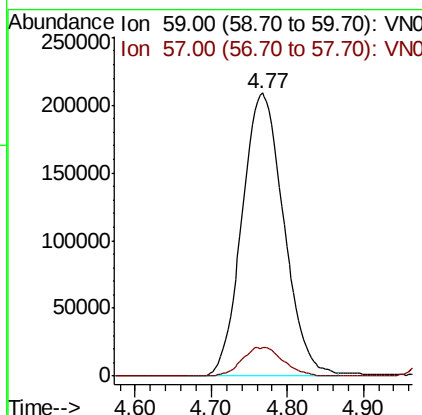
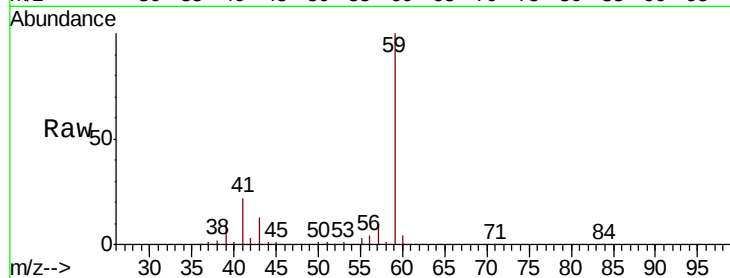


#11

Tert butyl alcohol
 Concen: 383.918 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

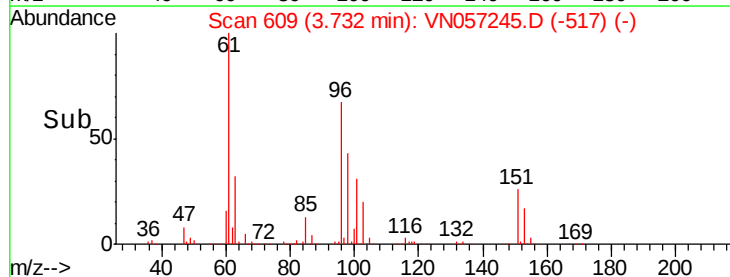
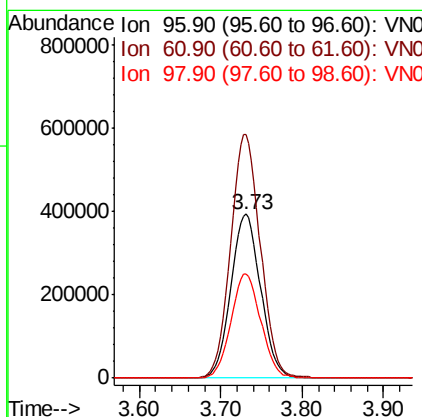
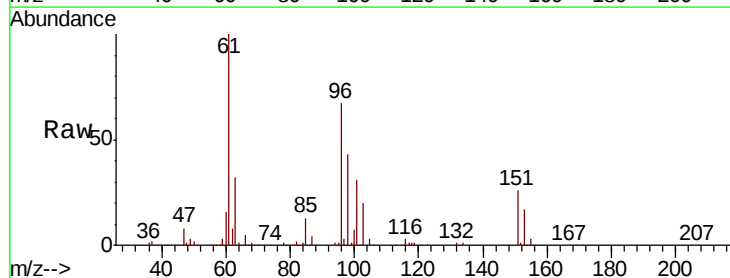
Tgt Ion: 59 Resp: 798134
 Ion Ratio Lower Upper
 59 100
 57 10.1 3.4 5.2#

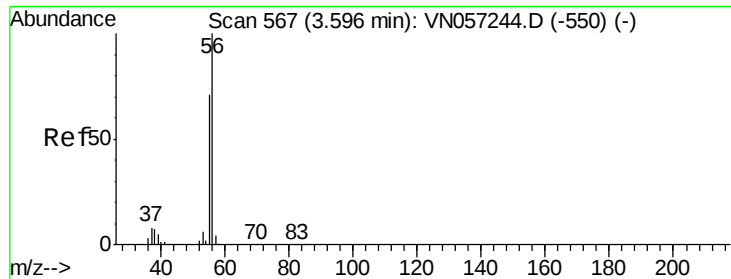


#12

1,1-Dichloroethene
 Concen: 90.630 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 96 Resp: 1002958
 Ion Ratio Lower Upper
 96 100
 61 148.5 121.1 181.7
 98 63.4 52.0 78.0

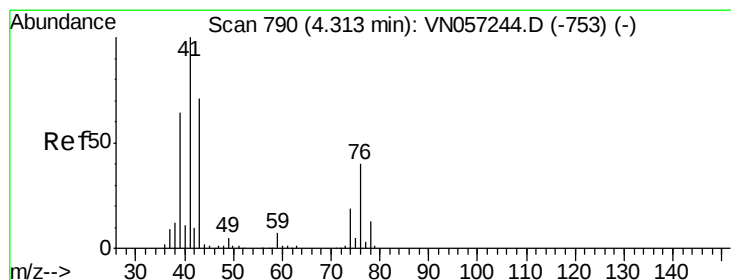
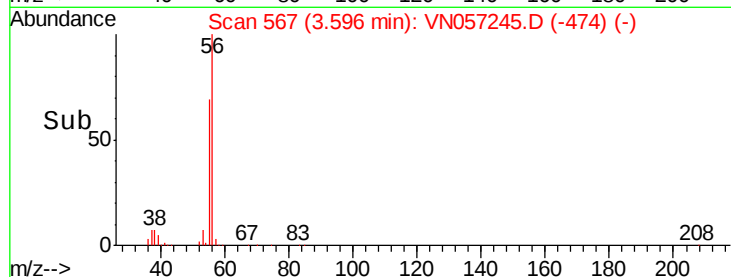
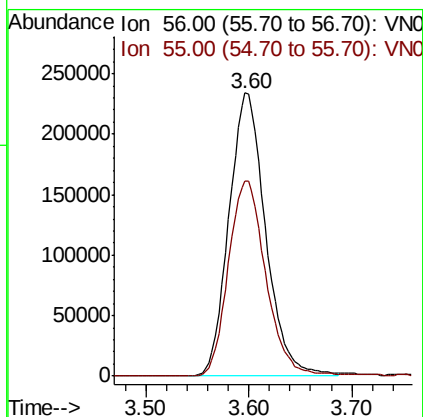
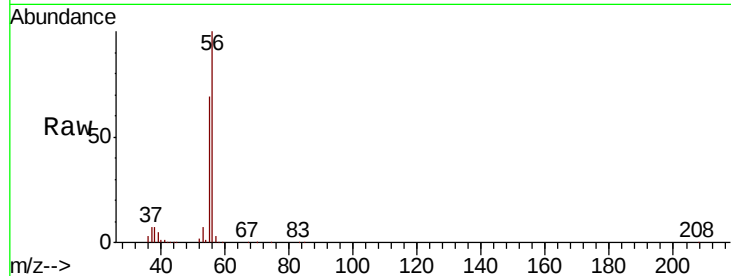




#13
 Acrolein
 Concen: 653.438 ug/l
 RT: 3.60 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

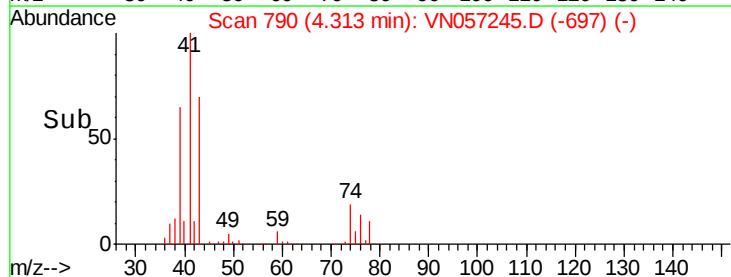
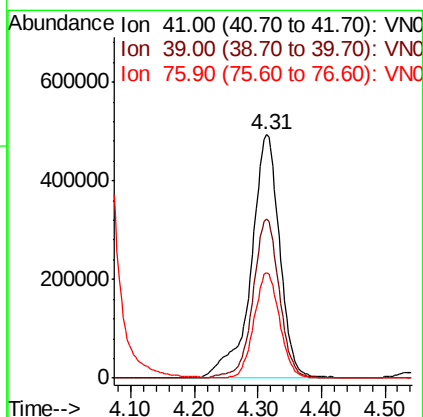
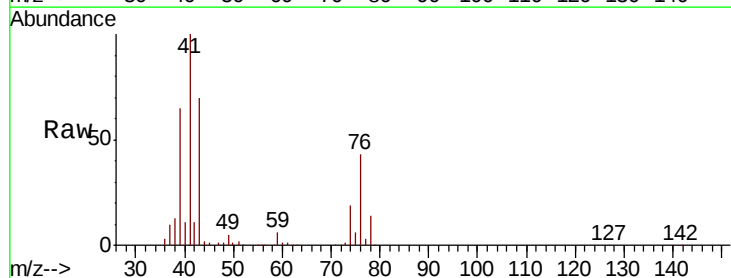
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

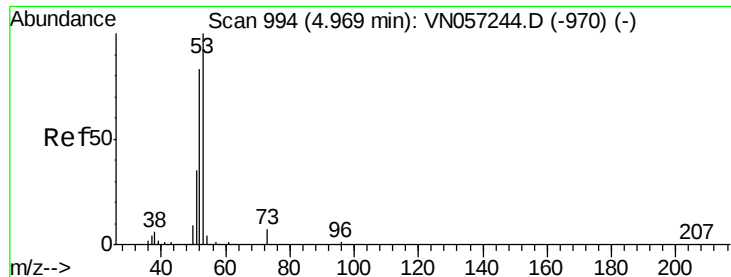
Tgt Ion: 56 Resp: 580333
 Ion Ratio Lower Upper
 56 100
 55 70.7 56.6 84.8



#14
 Allyl chloride
 Concen: 82.214 ug/l
 RT: 4.31 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 41 Resp: 1543572
 Ion Ratio Lower Upper
 41 100
 39 60.5 48.5 72.7
 76 38.3 29.8 44.8





#15

Acrylonitrile

Concen: 371.379 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

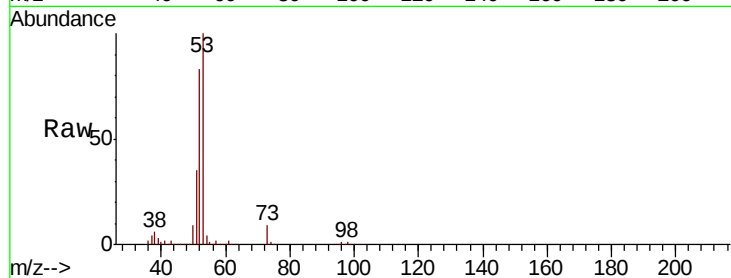
MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 53 Resp: 2245124

Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.9	98.9
51	35.8	27.8	41.6

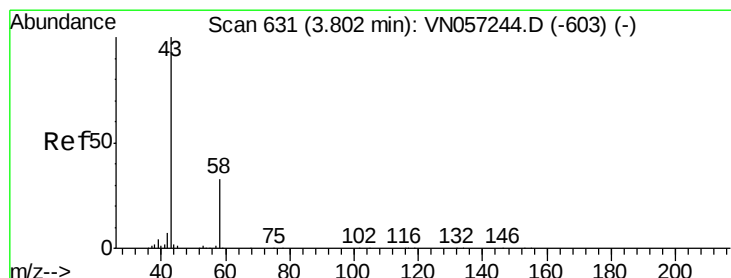
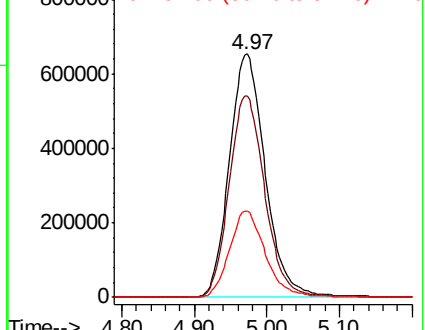
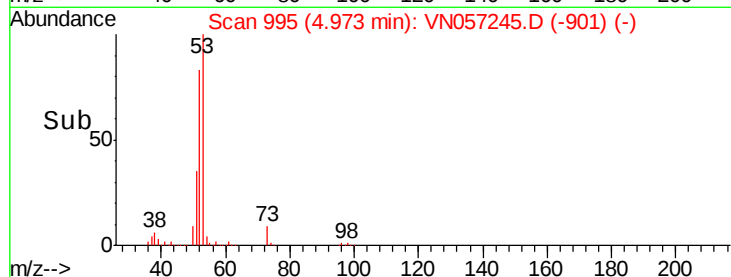


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 345.056 ug/l

RT: 3.80 min Scan# 631

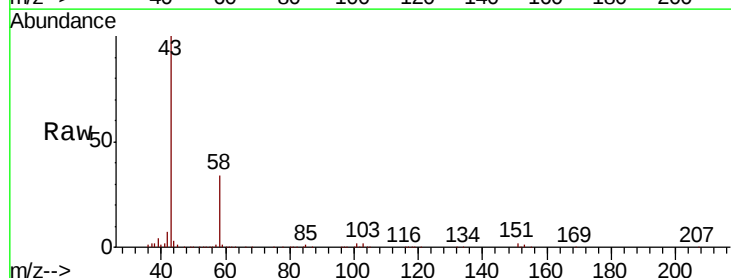
Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Tgt Ion: 43 Resp: 1991771

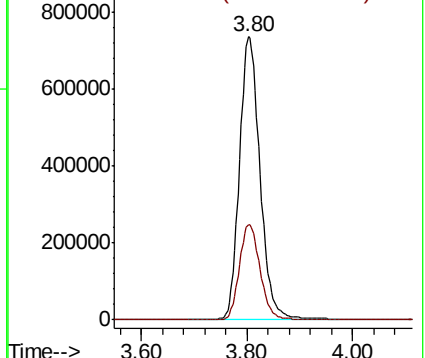
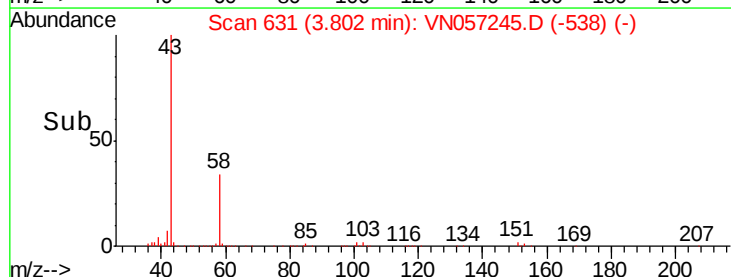
Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.7	40.1

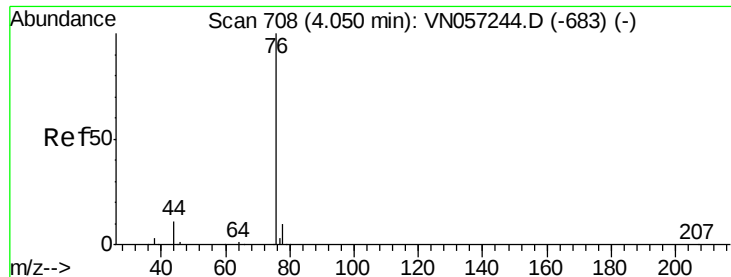


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

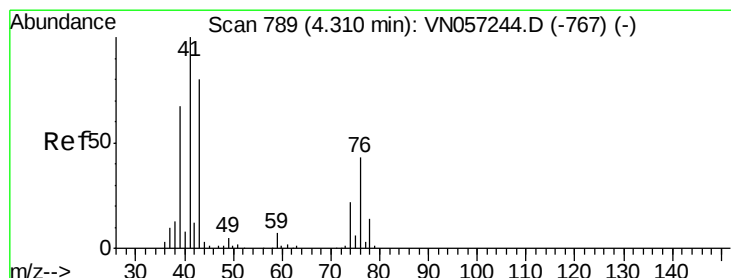
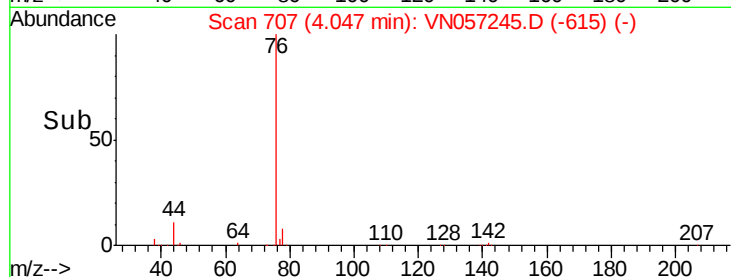
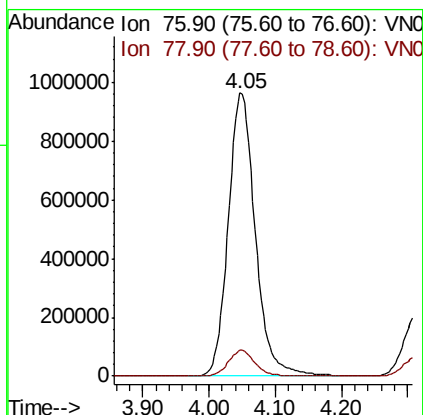
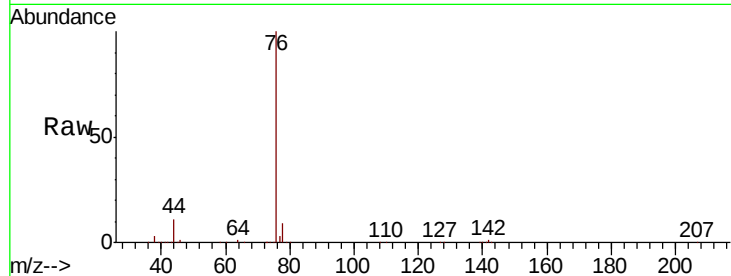




#17
Carbon Disulfide
Concen: 92.893 ug/l
RT: 4.05 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

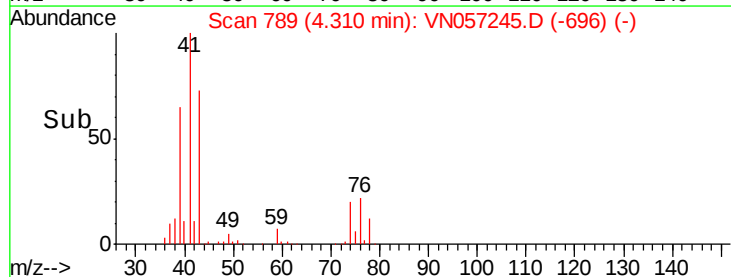
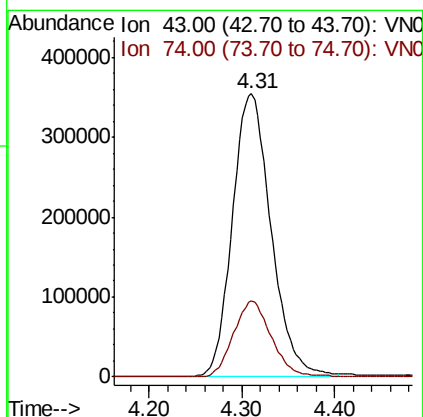
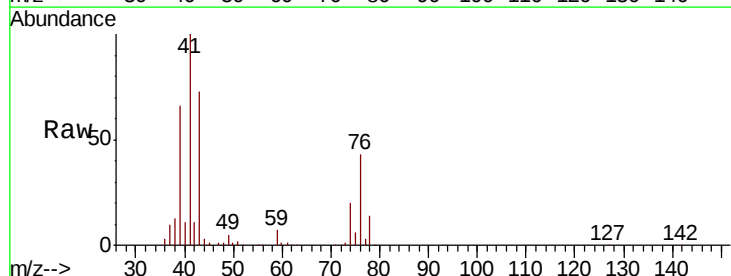
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

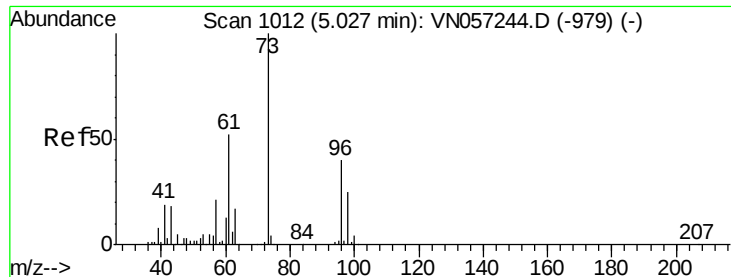
Tgt Ion: 76 Resp: 2732686
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#18
Methyl Acetate
Concen: 64.736 ug/l
RT: 4.31 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 43 Resp: 1022921
Ion Ratio Lower Upper
43 100
74 26.5 20.6 31.0

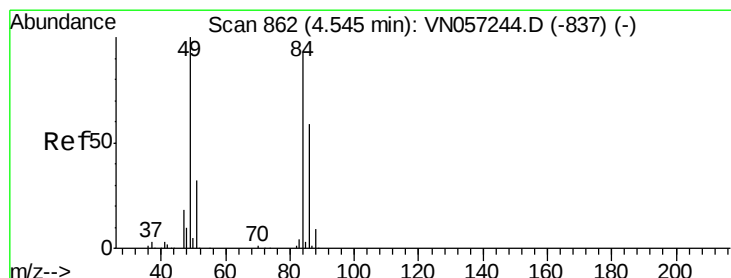
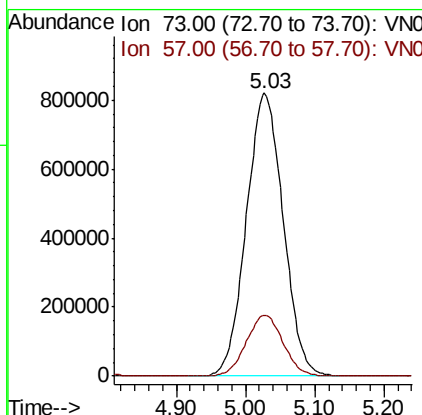
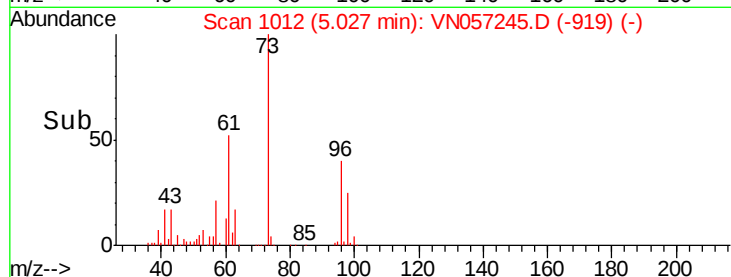
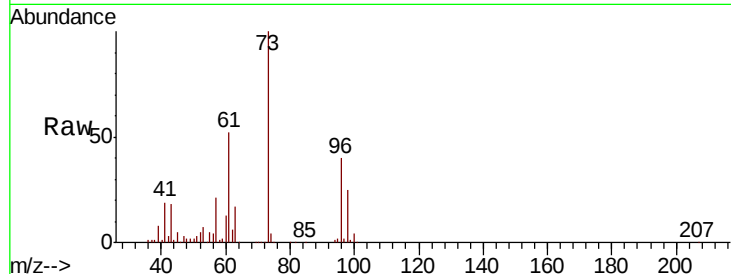




#19
Methyl tert-butyl Ether
Concen: 86.603 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

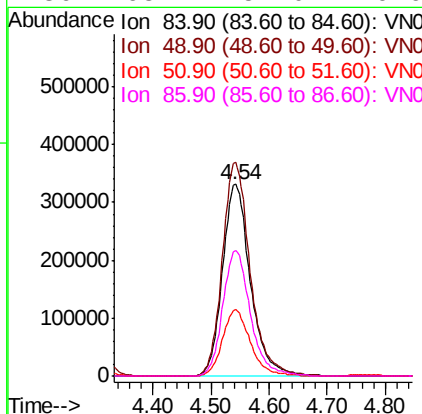
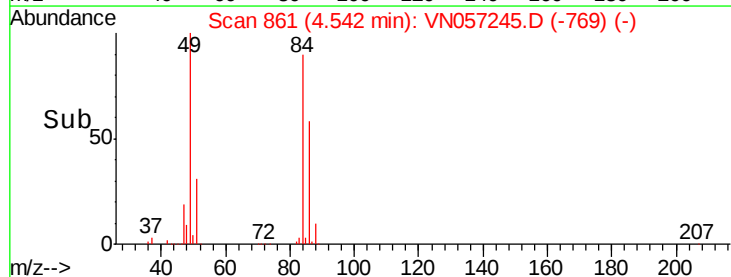
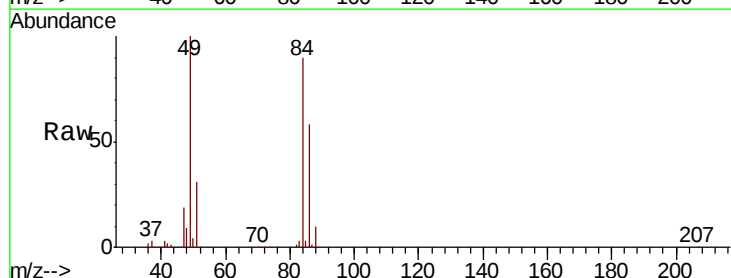
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

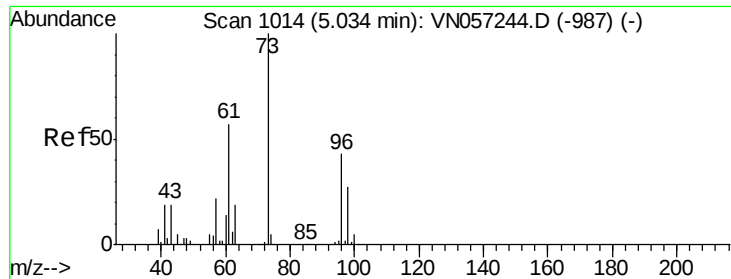
Tgt Ion: 73 Resp: 3024185
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 84.855 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 84 Resp: 1107273
Ion Ratio Lower Upper
84 100
49 111.3 85.9 128.9
51 34.9 27.1 40.7
86 65.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 90.233 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

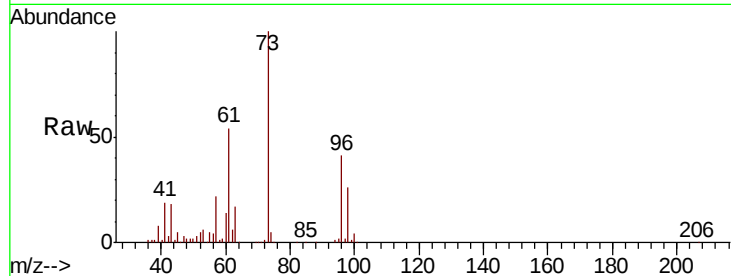
Tgt Ion: 96 Resp: 1053457

Ion Ratio Lower Upper

96 100

61 132.5 104.6 156.8

98 64.1 49.7 74.5

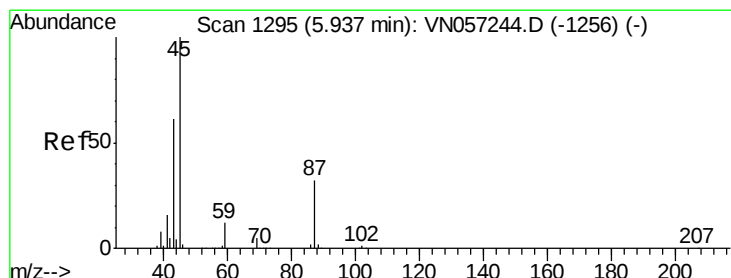
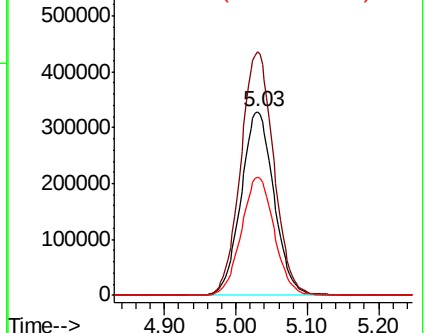
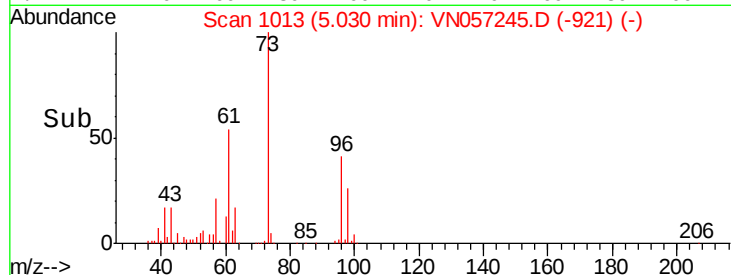


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 79.886 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Tgt Ion: 45 Resp: 2942922

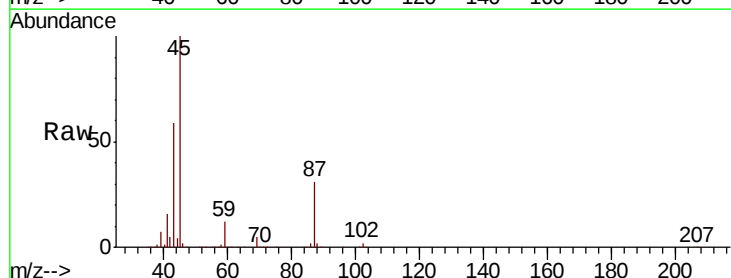
Ion Ratio Lower Upper

45 100

43 58.0 48.9 73.3

87 31.2 25.5 38.3

59 12.1 9.7 14.5



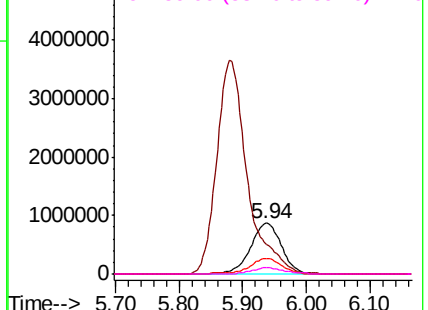
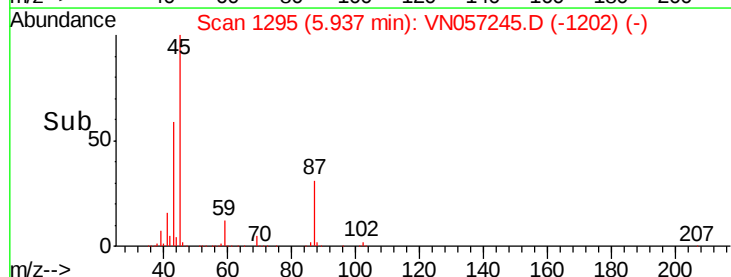
Abundance

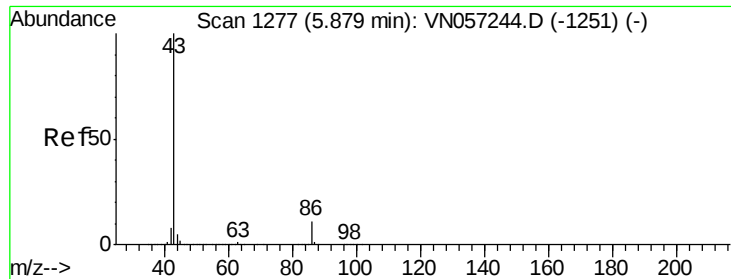
Ion 45.00 (44.70 to 45.70): VN0

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

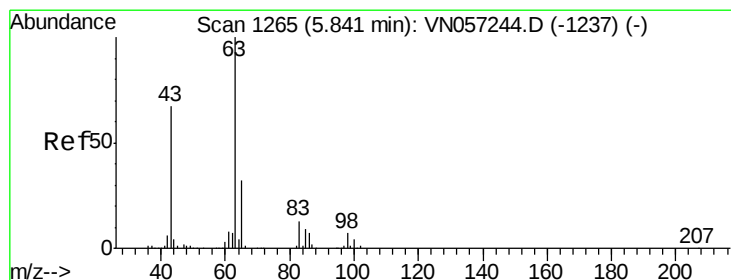
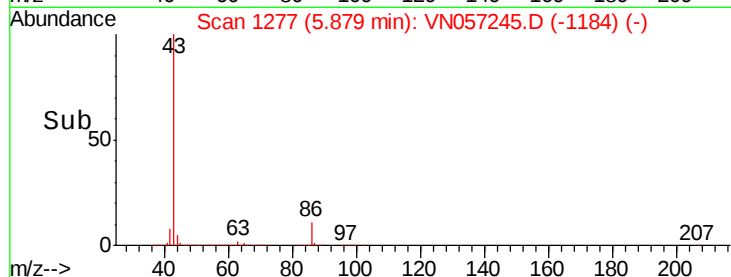
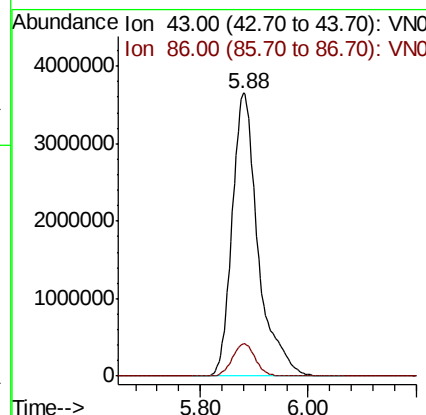
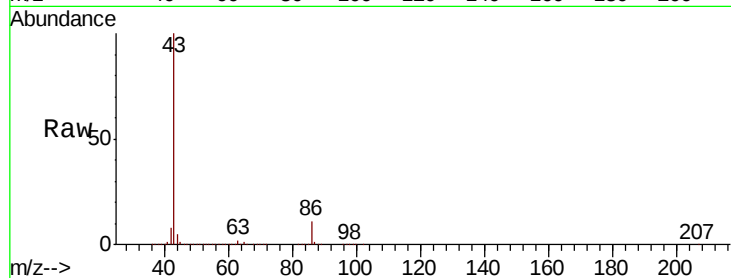




#23
 Vinyl Acetate
 Concen: 409.370 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

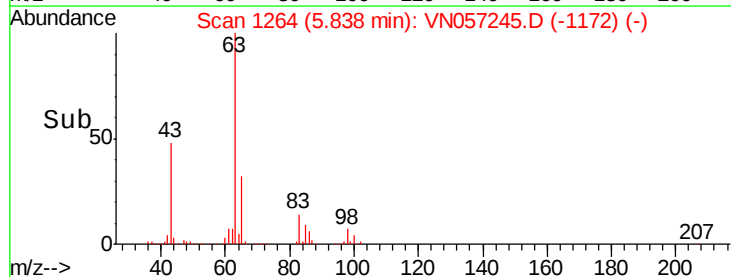
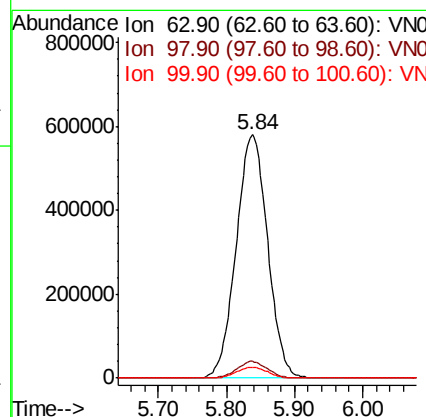
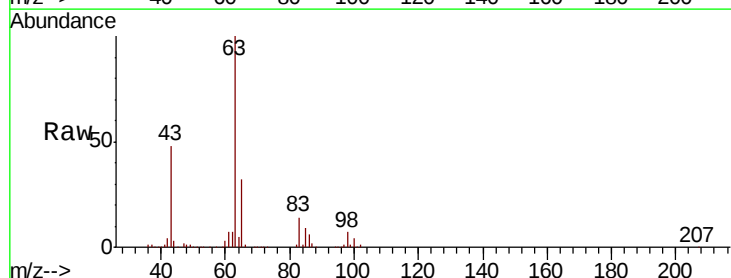
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

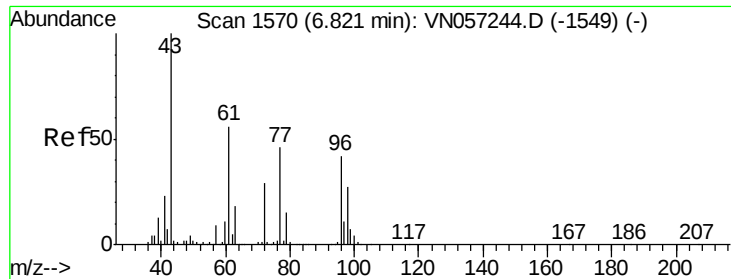
Tgt Ion: 43 Resp:12171969
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 85.607 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 63 Resp: 1857462
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 346.121 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

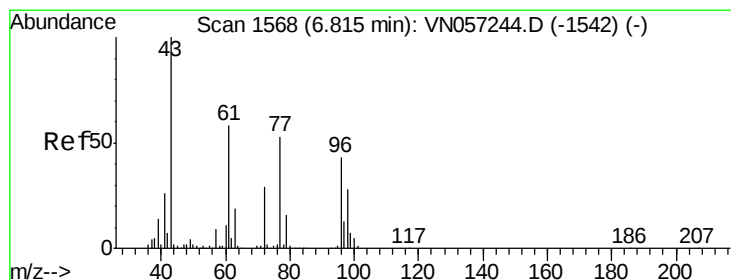
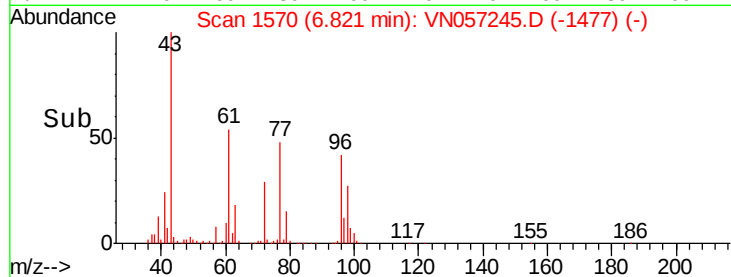
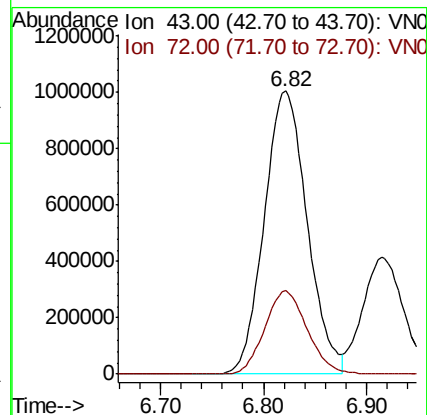
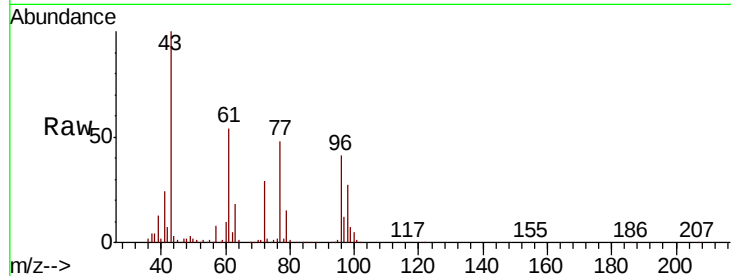
VSTDIC100

Tgt Ion: 43 Resp: 2900784

Ion Ratio Lower Upper

43 100

72 29.5 23.1 34.7



#26

2,2-Dichloropropane

Concen: 99.254 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN057245.D

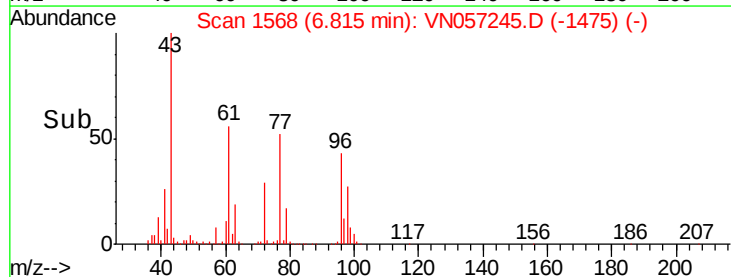
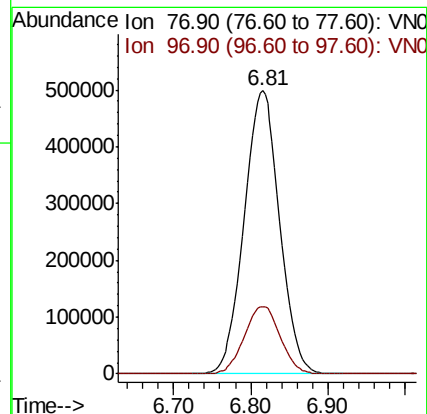
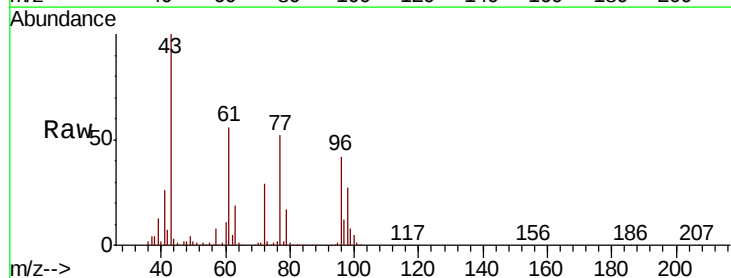
Acq: 13 Aug 2019 13:04

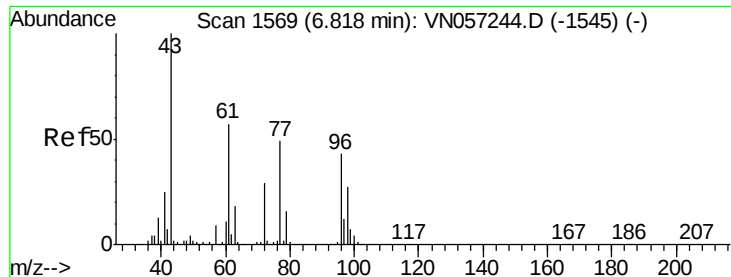
Tgt Ion: 77 Resp: 1588603

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 91.065 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

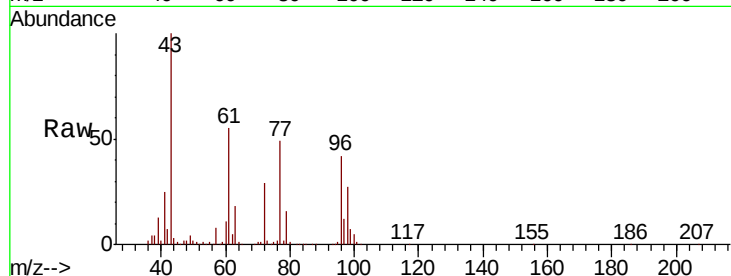
Tgt Ion: 96 Resp: 1224349

Ion Ratio Lower Upper

96 100

61 135.5 0.0 271.0

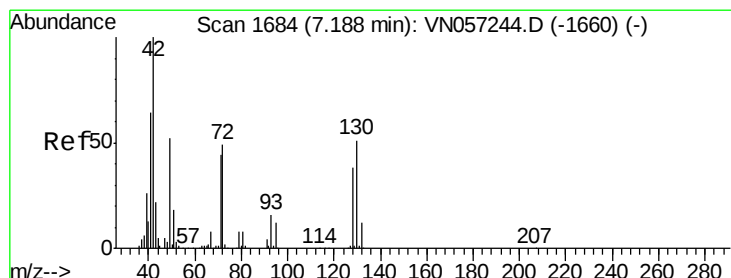
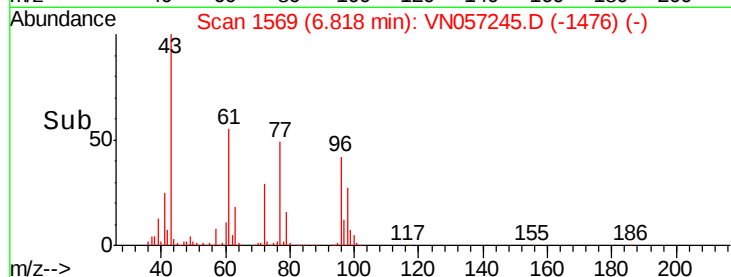
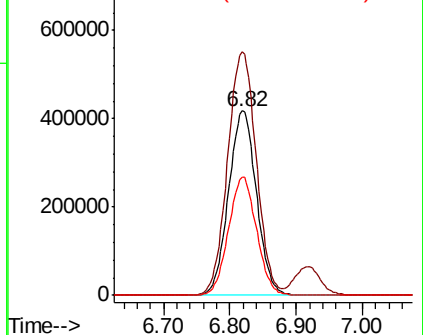
98 64.4 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 82.727 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

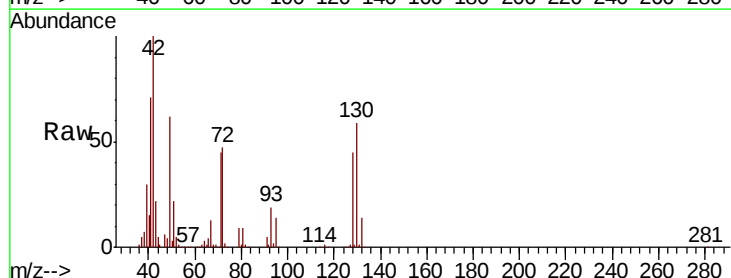
Tgt Ion: 49 Resp: 828681

Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.0

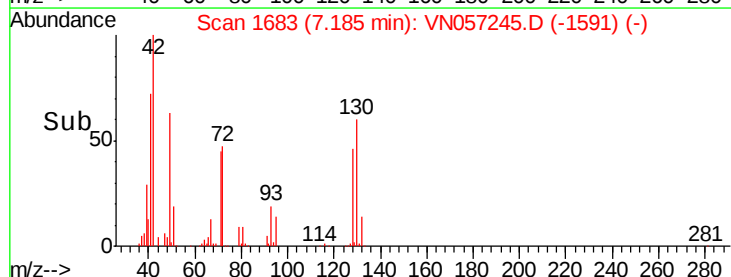
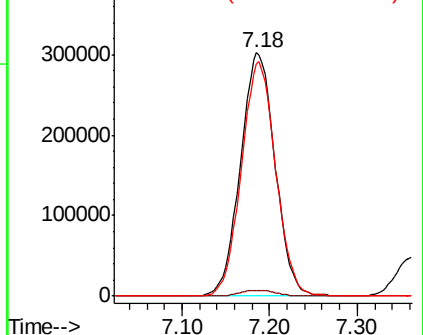
130 95.2 75.6 113.4

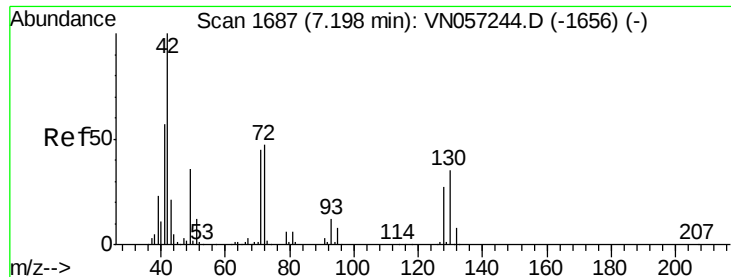


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

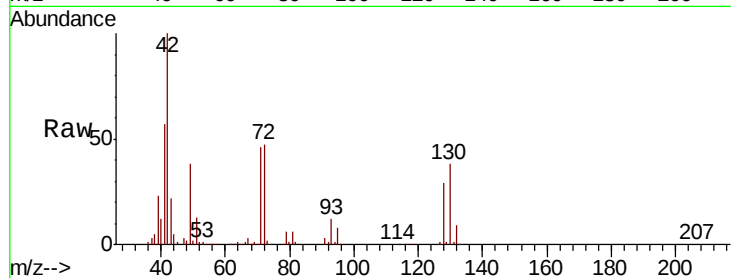




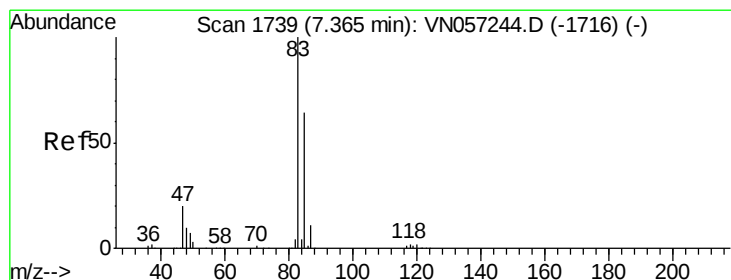
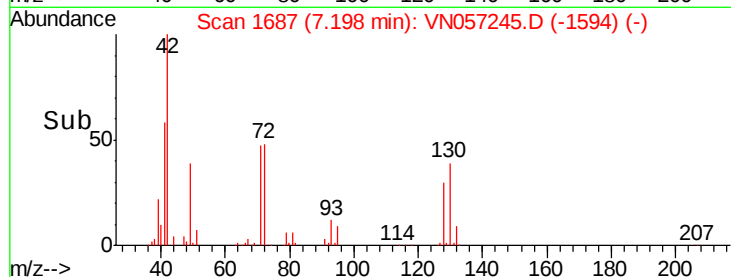
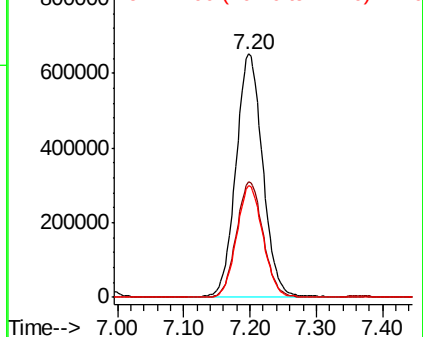
#29
Tetrahydrofuran
Concen: 336.152 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 1829480
Ion Ratio Lower Upper
42 100
72 47.5 37.6 56.4
71 45.0 35.6 53.4

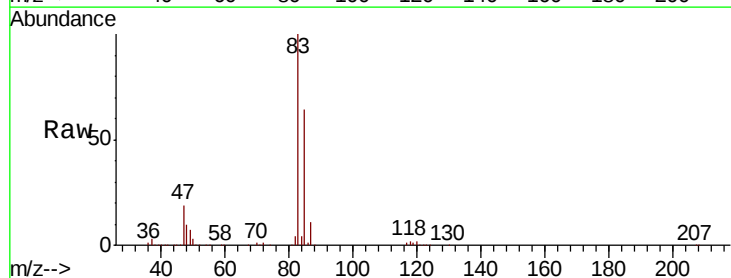


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

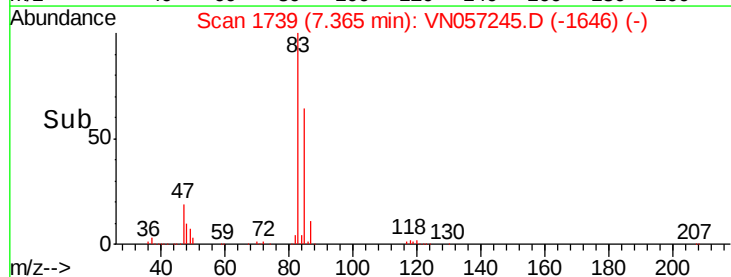
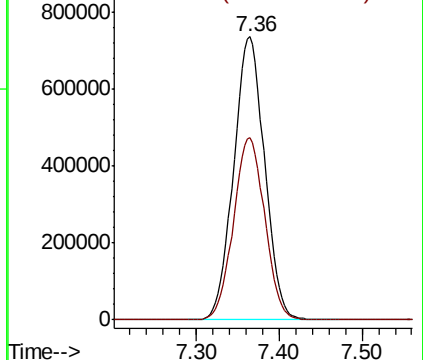


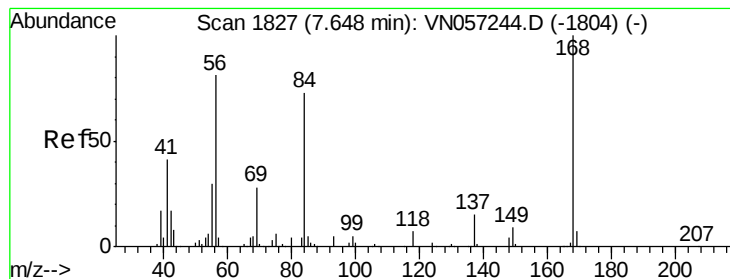
#30
Chloroform
Concen: 87.330 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 83 Resp: 1910235
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 79.384 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

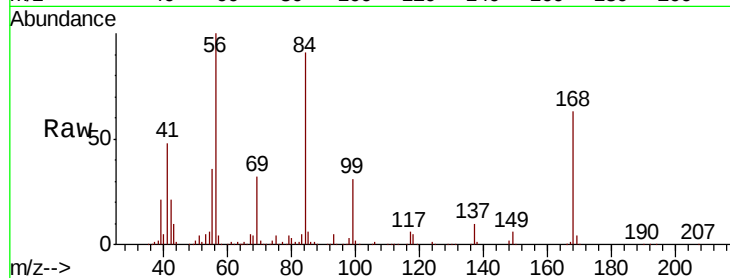
Tgt Ion: 56 Resp: 1605279

Ion Ratio Lower Upper

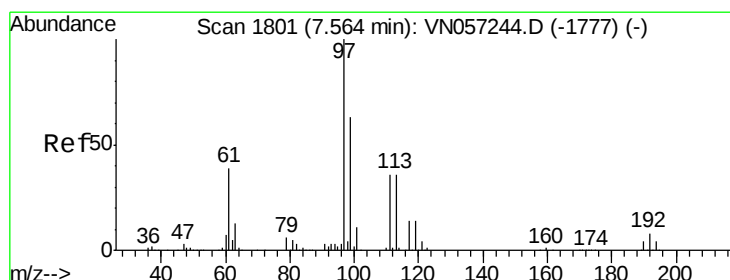
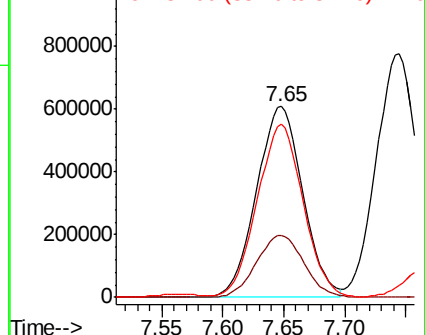
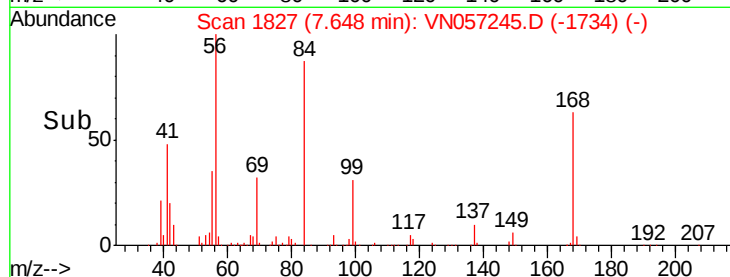
56 100

69 32.4 27.8 41.8

84 89.2 72.0 108.0



Abundance Ion 56.00 (55.70 to 56.70): VN057245.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 97.299 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

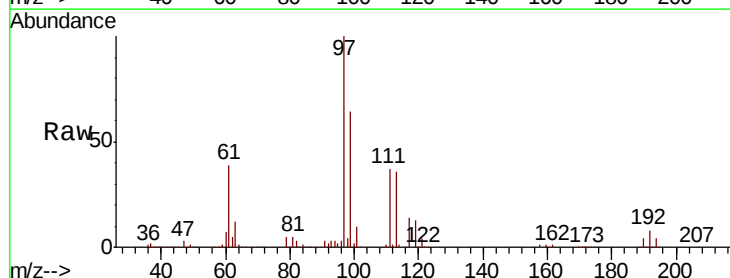
Tgt Ion: 97 Resp: 1701235

Ion Ratio Lower Upper

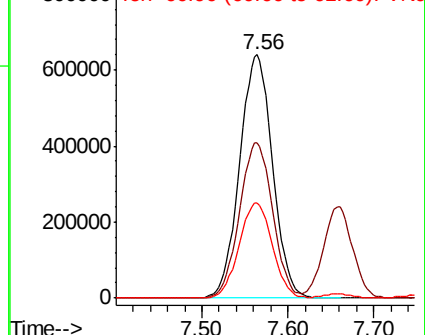
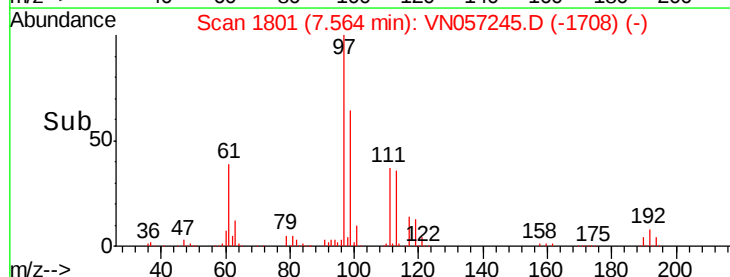
97 100

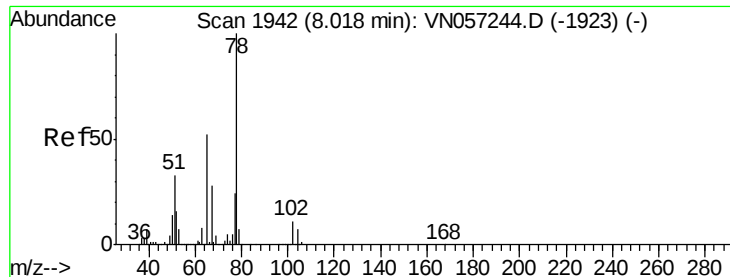
99 64.5 51.7 77.5

61 39.6 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VN057245.D (-1708) (-)

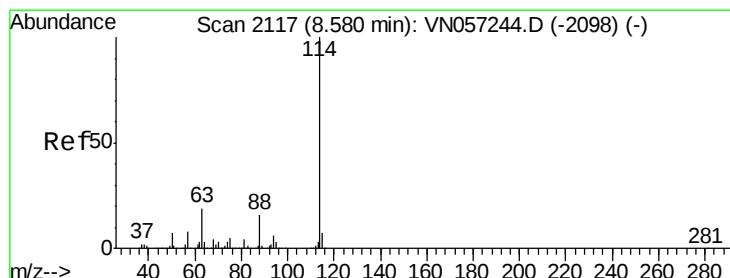
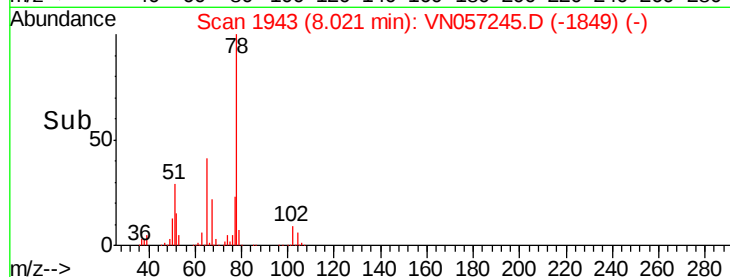
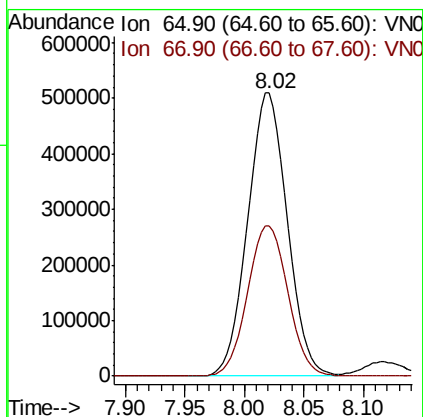
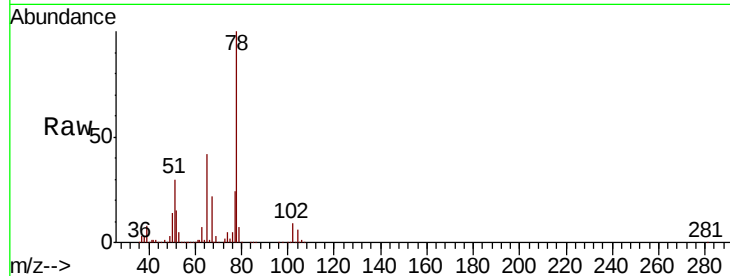




#33
 1,2-Dichloroethane-d4
 Concen: 90.215 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

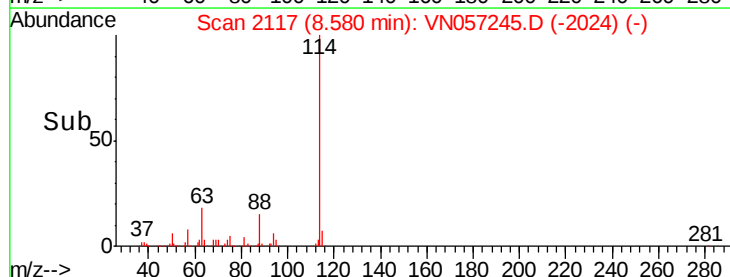
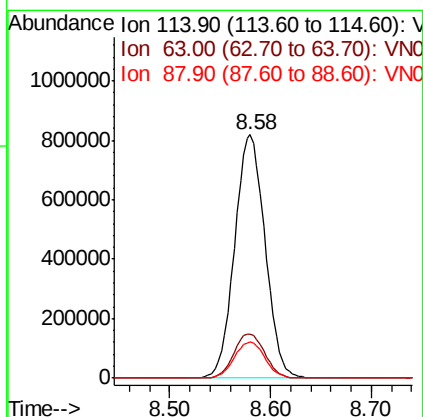
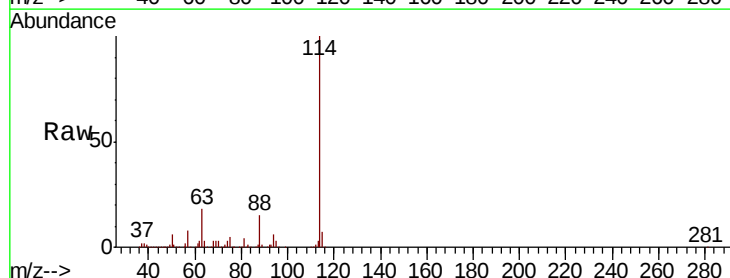
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

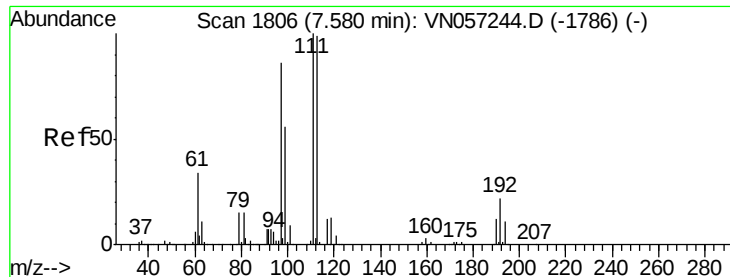
Tgt Ion: 65 Resp: 1173798
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 114 Resp: 1709353
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.0
 88 14.8 0.0 31.0

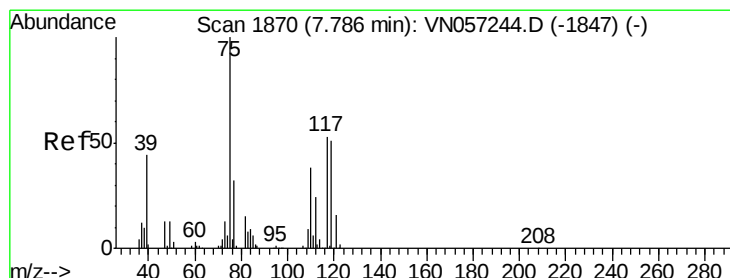
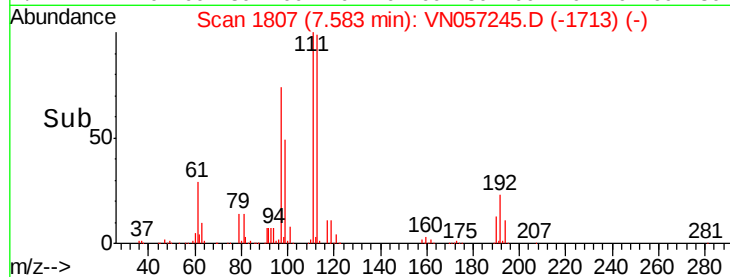
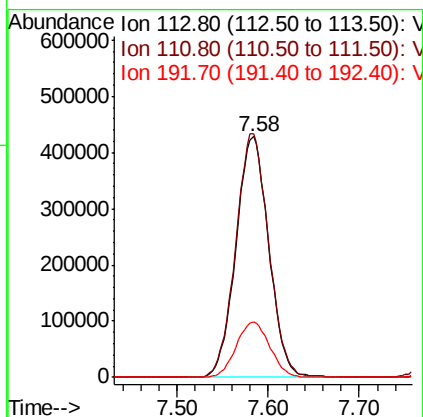
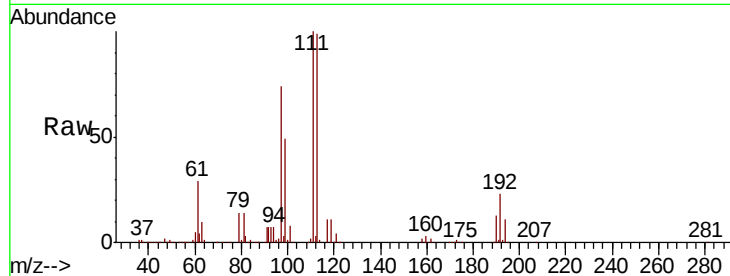




#35
 Dibromofluoromethane
 Concen: 99.586 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

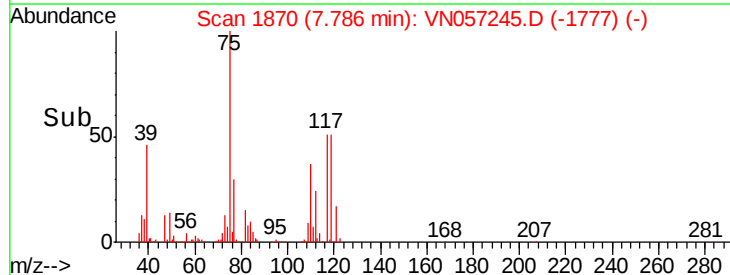
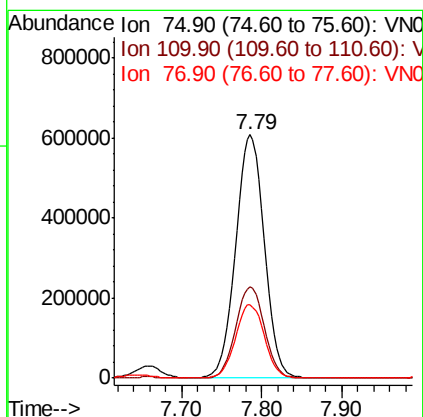
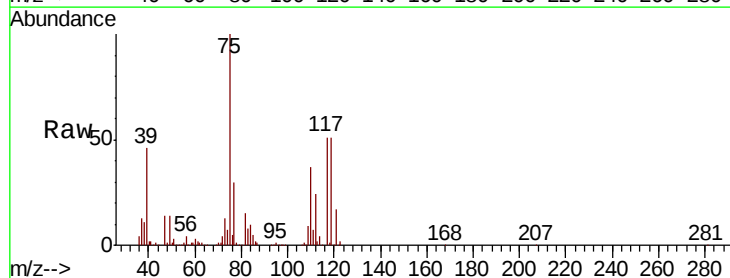
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

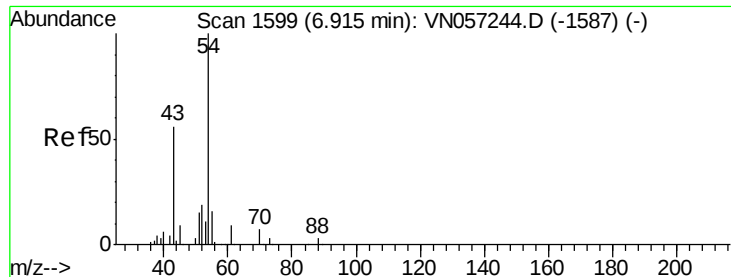
Tgt Ion: 113 Resp: 1072300
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 23.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 92.746 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 75 Resp: 1463094
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.1 57.1
 77 30.7 25.2 37.8

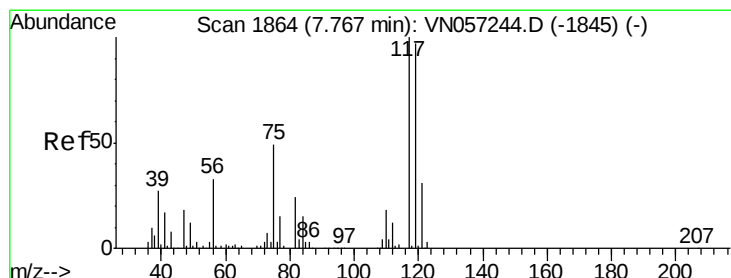
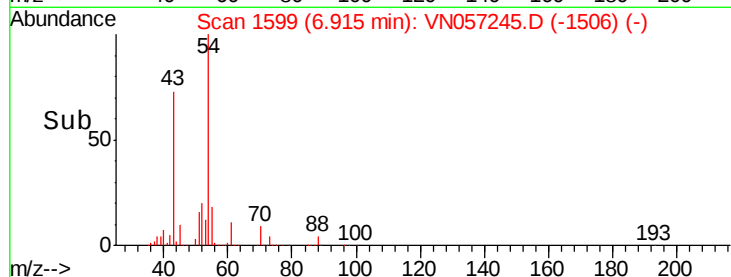
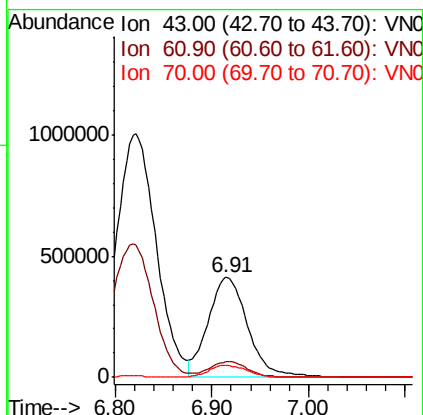
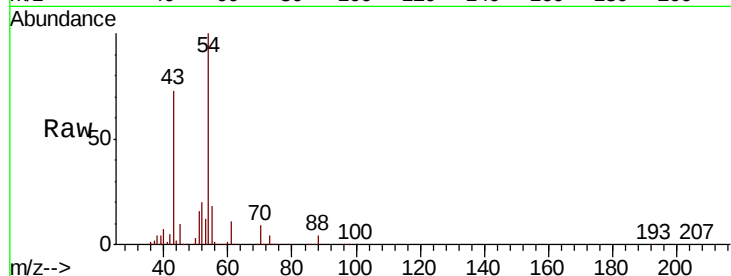




#37
Ethyl Acetate
Concen: 78.017 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

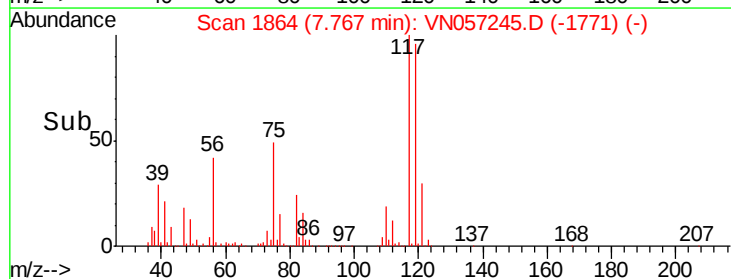
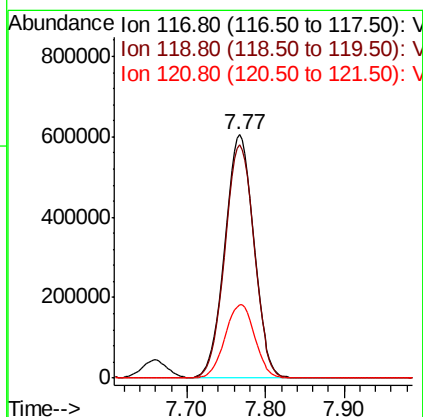
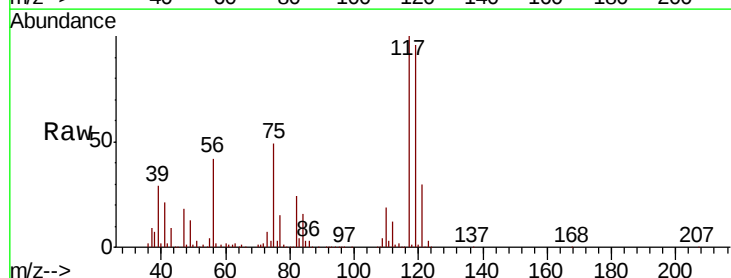
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

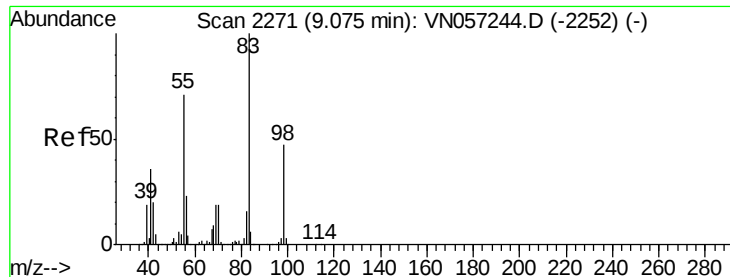
Tgt Ion: 43 Resp: 1163176
Ion Ratio Lower Upper
43 100
61 15.1 12.7 19.1
70 11.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 102.731 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 117 Resp: 1547164
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.6
121 30.2 24.9 37.3

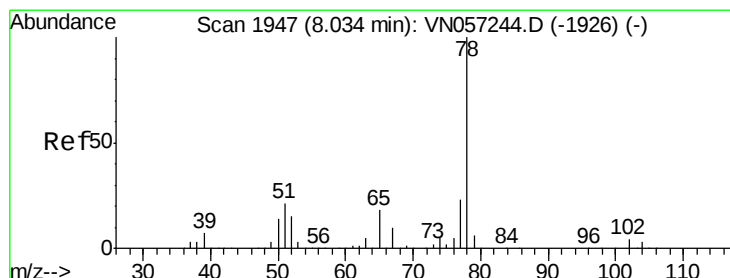
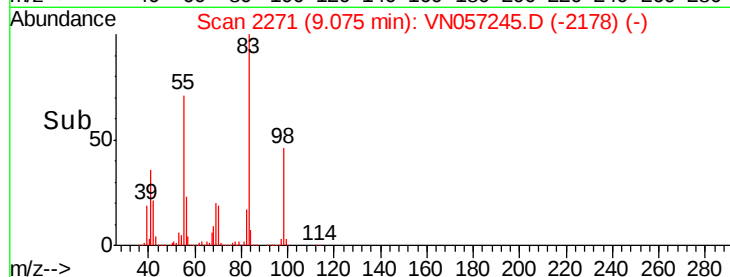
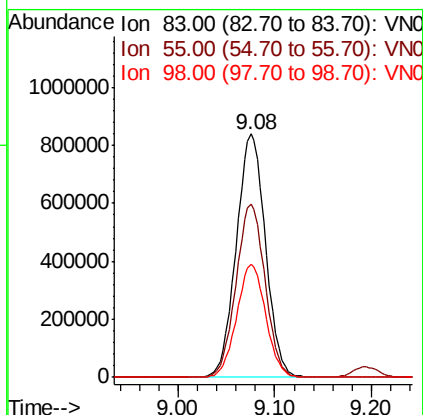
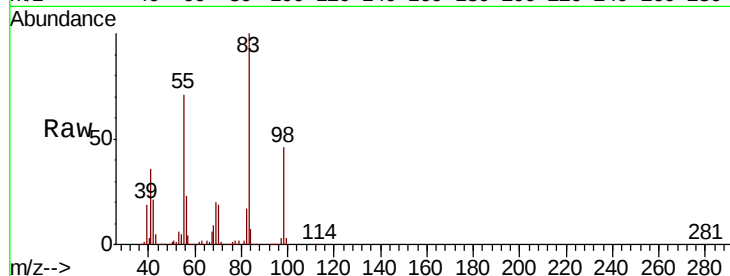




#39
Methylcyclohexane
Concen: 90.795 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

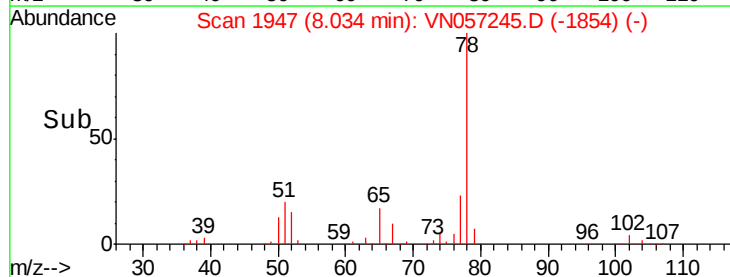
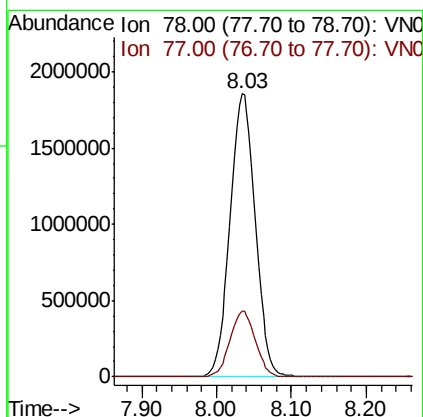
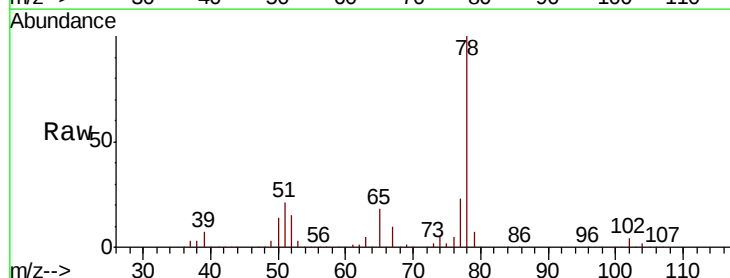
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

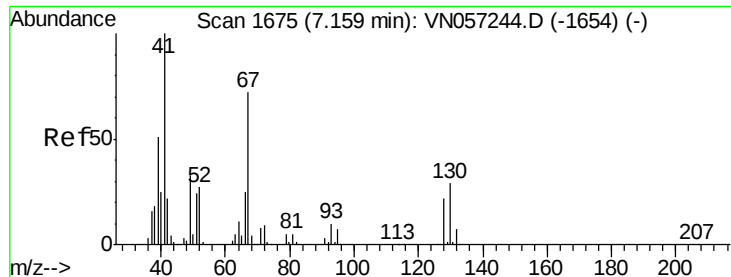
Tgt Ion: 83 Resp: 1756532
Ion Ratio Lower Upper
83 100
55 71.4 57.0 85.4
98 46.4 37.2 55.8



#40
Benzene
Concen: 90.560 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 78 Resp: 4357075
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4





#41

Methacrylonitrile

Concen: 254.708 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.04 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 1650941

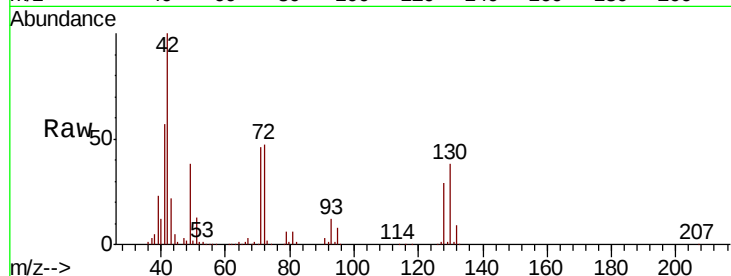
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

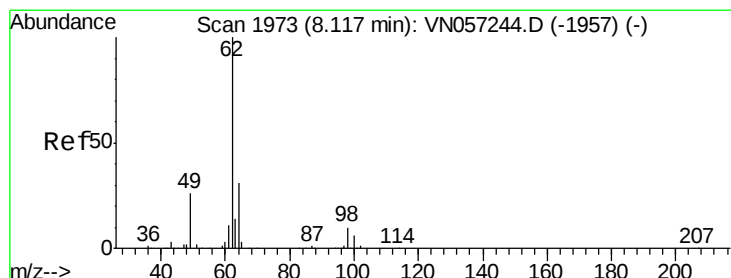
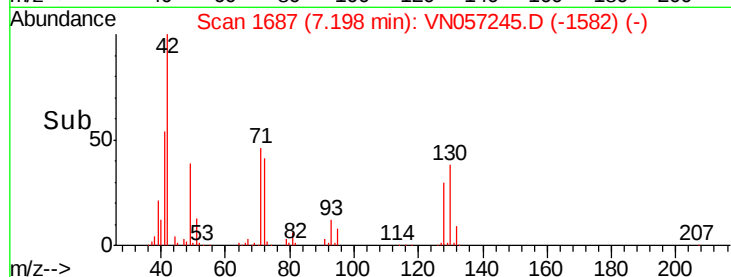
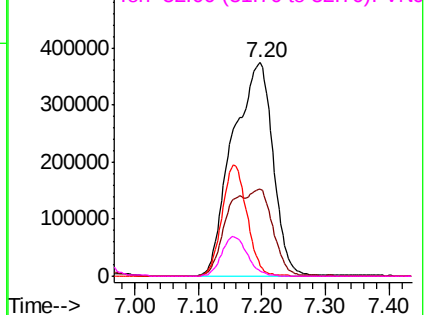


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 92.346 ug/l

RT: 8.12 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN057245.D

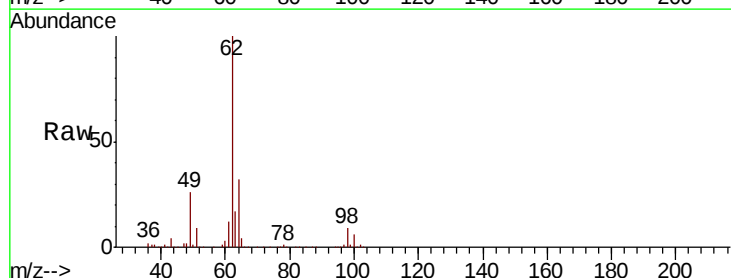
Acq: 13 Aug 2019 13:04

Tgt Ion: 62 Resp: 1410971

Ion Ratio Lower Upper

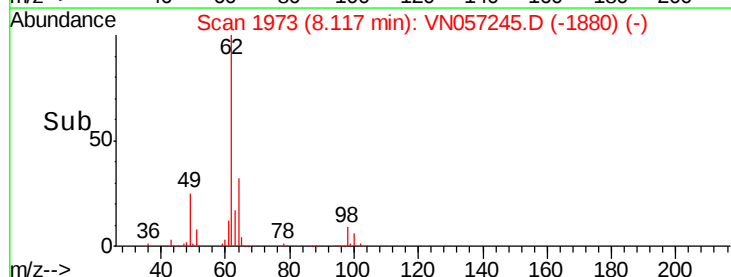
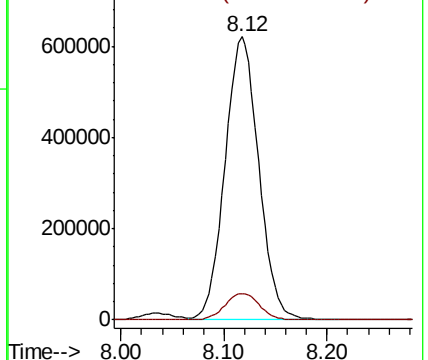
62 100

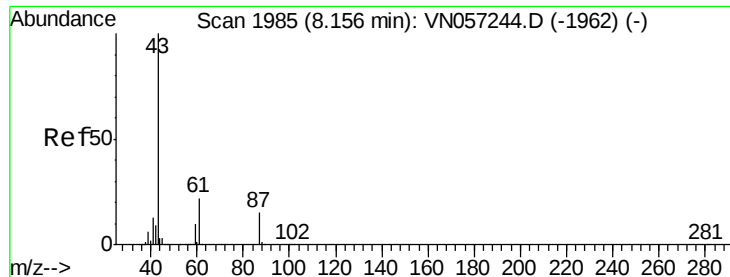
98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

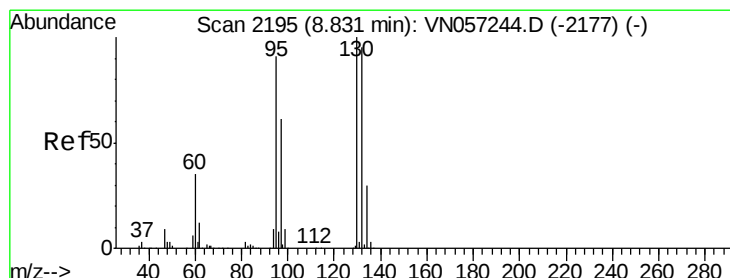
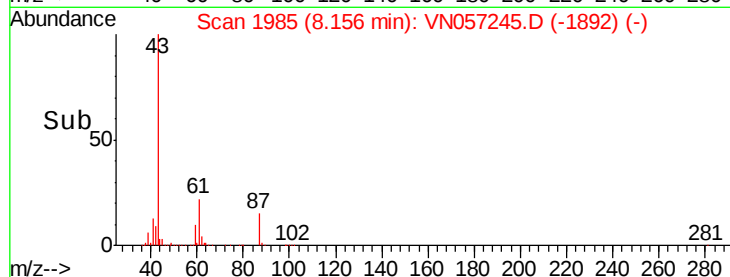
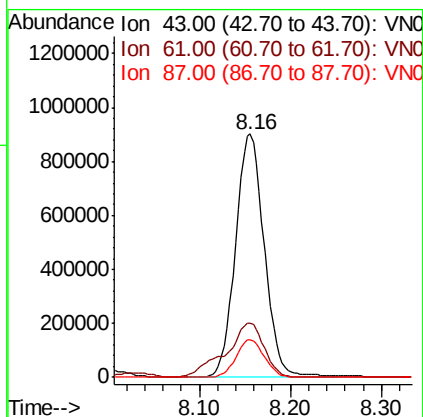
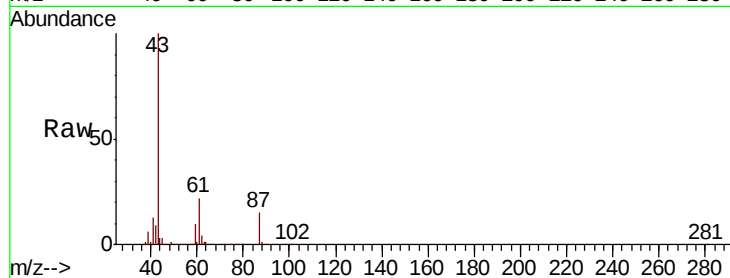




#43
Isopropyl Acetate
Concen: 83.001 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

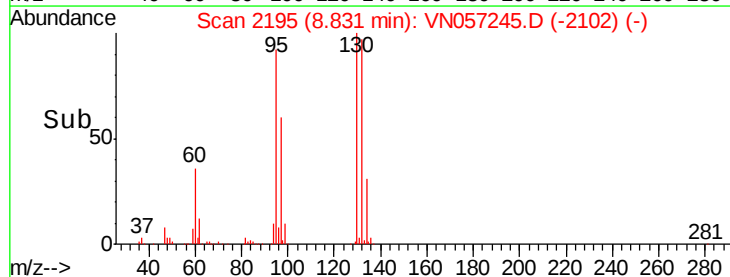
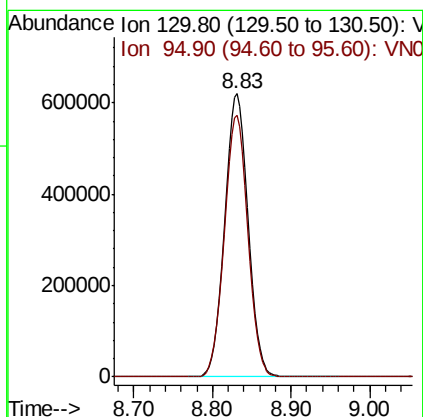
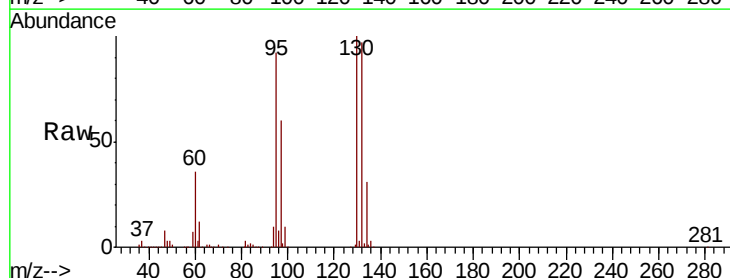
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

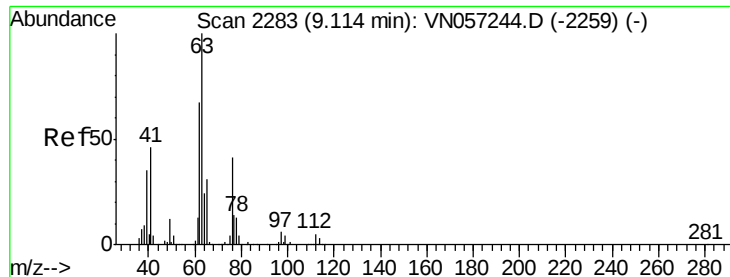
Tgt Ion: 43 Resp: 1974100
Ion Ratio Lower Upper
43 100
61 29.7 23.5 35.3
87 15.2 12.1 18.1



#44
Trichloroethene
Concen: 95.946 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 130 Resp: 1269410
Ion Ratio Lower Upper
130 100
95 92.4 0.0 181.8

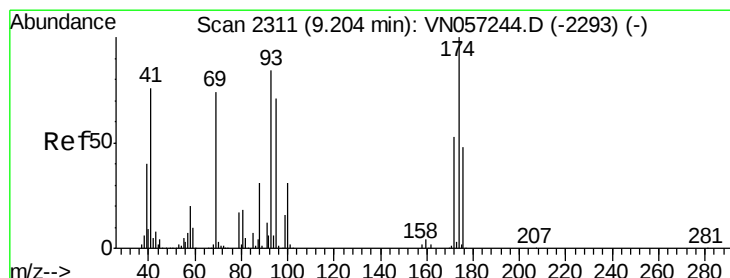
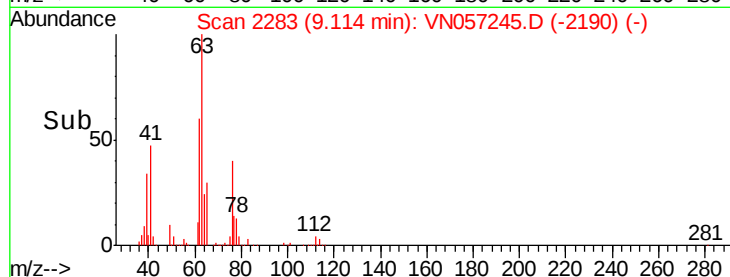
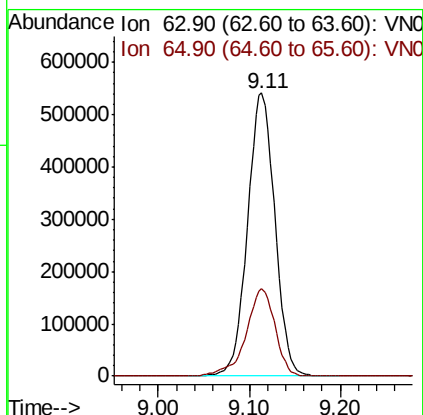
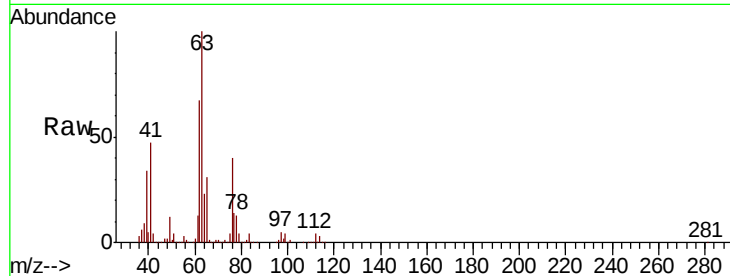




#45
 1,2-Dichloropropane
 Concen: 89.126 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

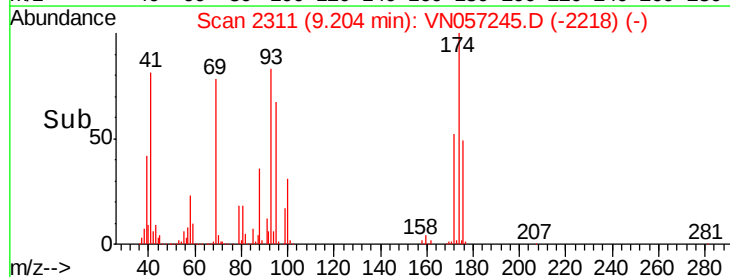
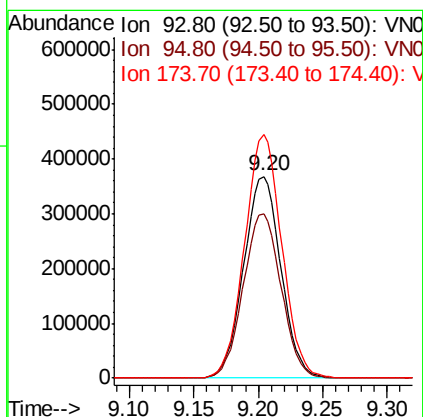
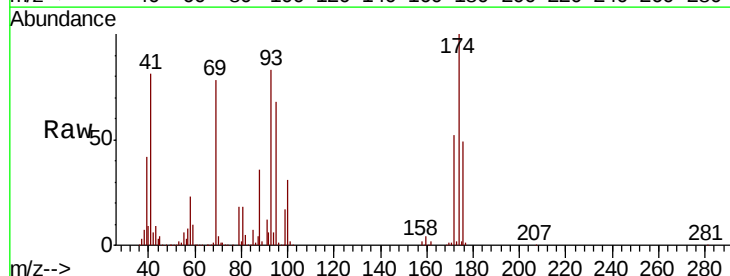
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

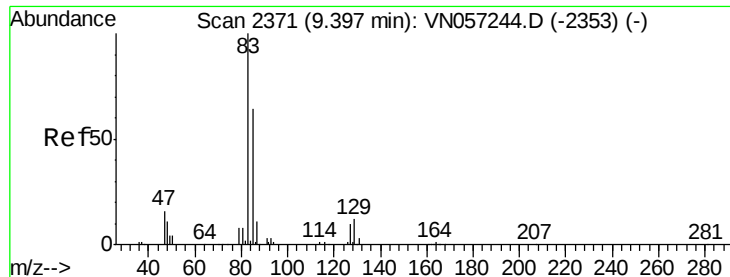
Tgt Ion: 63 Resp: 1129529
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 93.577 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 93 Resp: 743551
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.4
 174 120.8 96.2 144.2





#47

Bromodichloromethane

Concen: 99.070 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

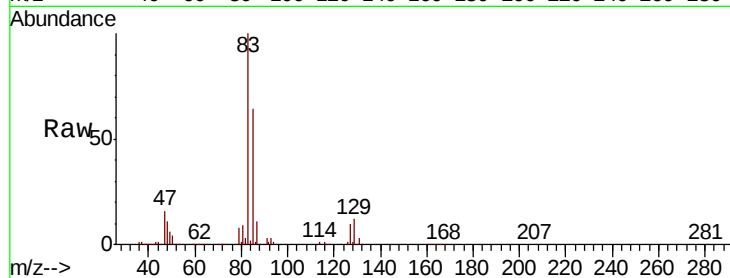
Tgt Ion: 83 Resp: 1506719

Ion Ratio Lower Upper

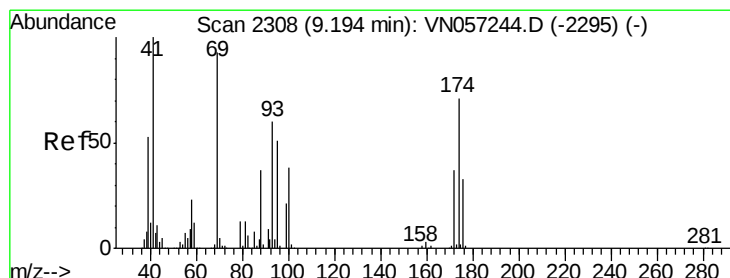
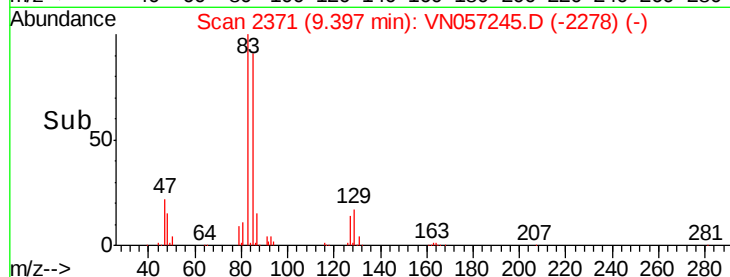
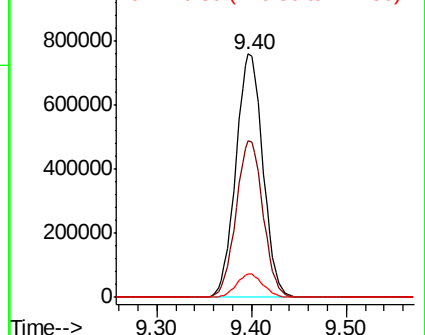
83 100

85 64.1 51.4 77.0

127 9.5 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 83.106 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

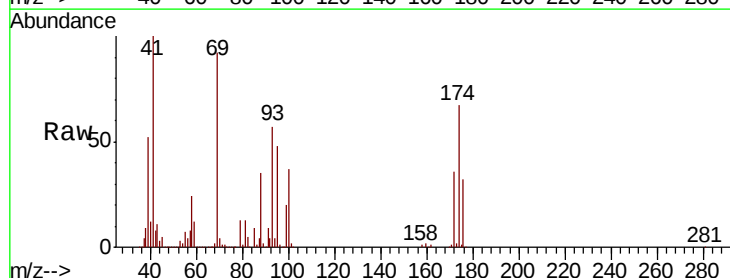
Tgt Ion: 41 Resp: 949854

Ion Ratio Lower Upper

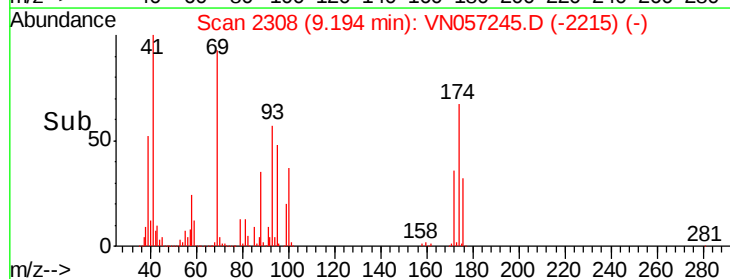
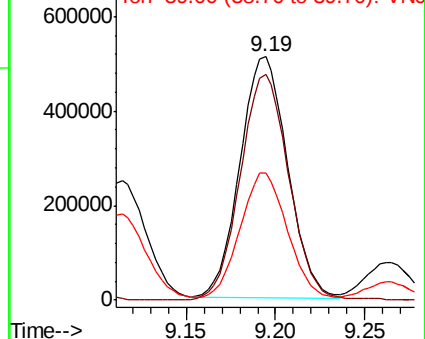
41 100

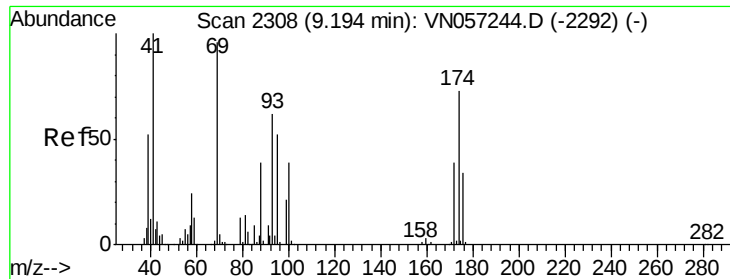
69 95.7 75.7 113.5

39 53.0 43.3 64.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

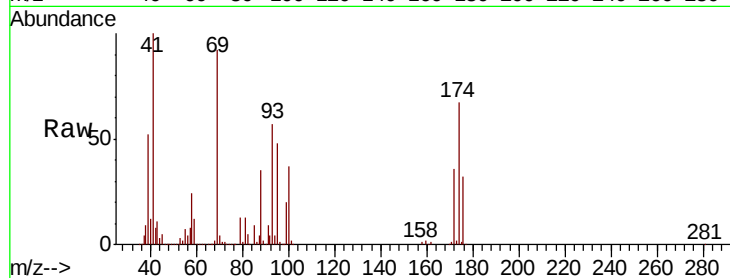




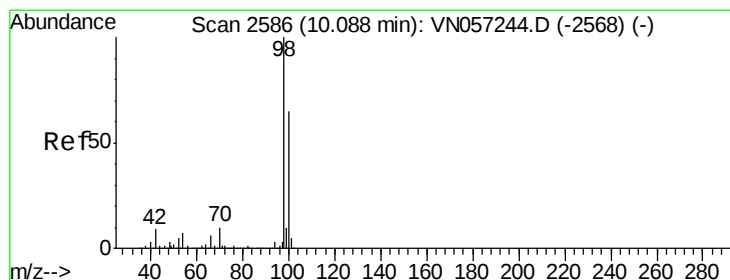
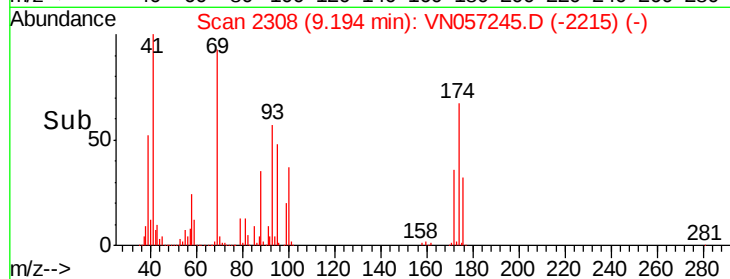
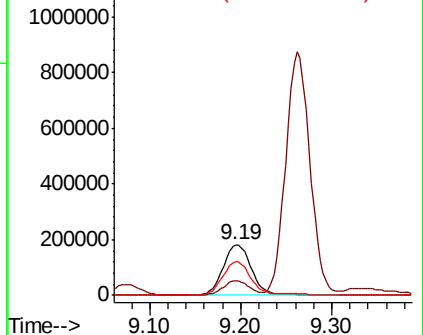
#49
1,4-Dioxane
Concen: 1659.860 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 395464
Ion Ratio Lower Upper
88 100
43 26.6 20.7 31.1
58 65.0 52.0 78.0

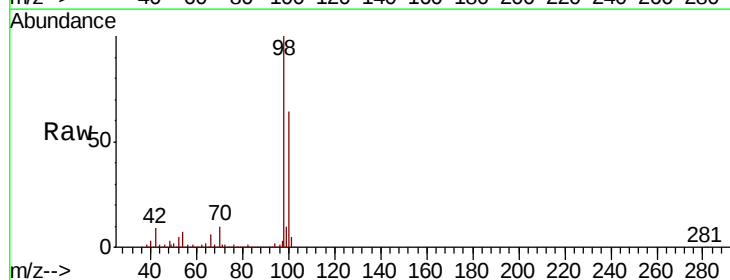


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

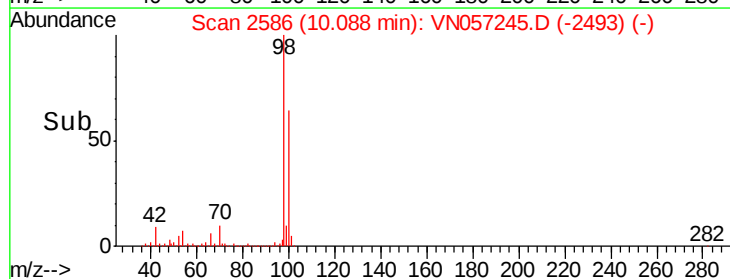
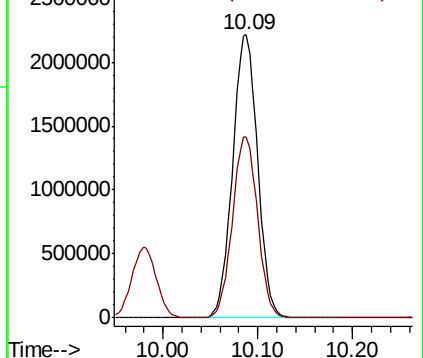


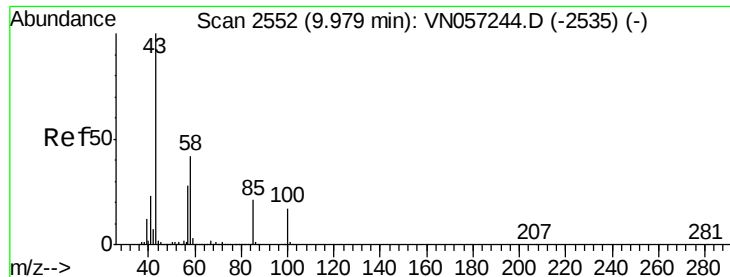
#50
Toluene-d8
Concen: 97.902 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 98 Resp: 4053416
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

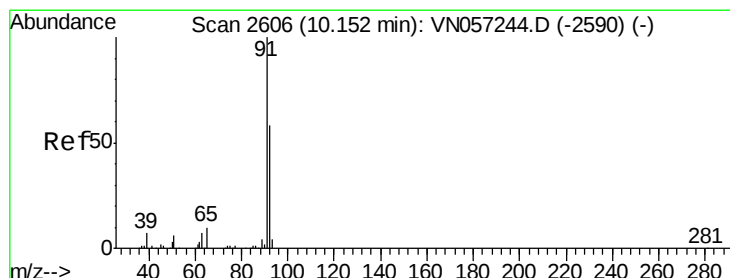
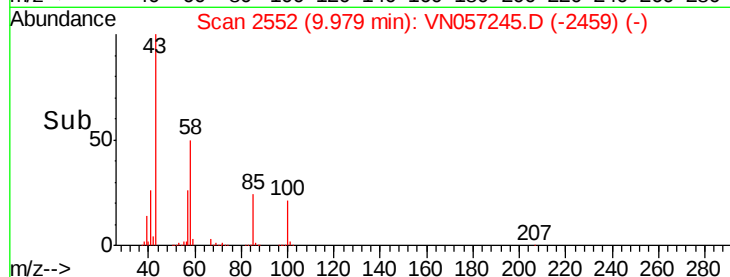
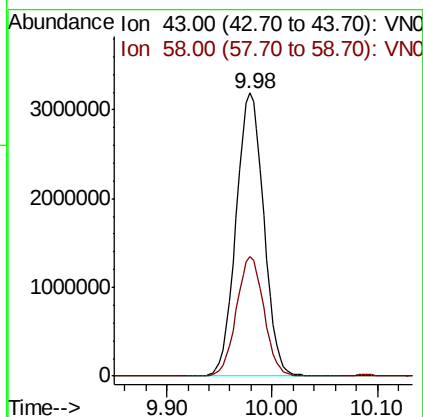
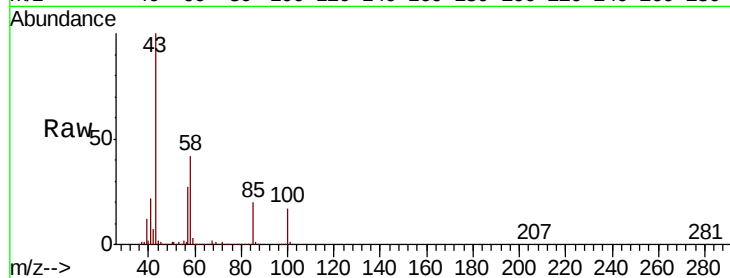




#51
 4-Methyl-2-Pentanone
 Concen: 381.367 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

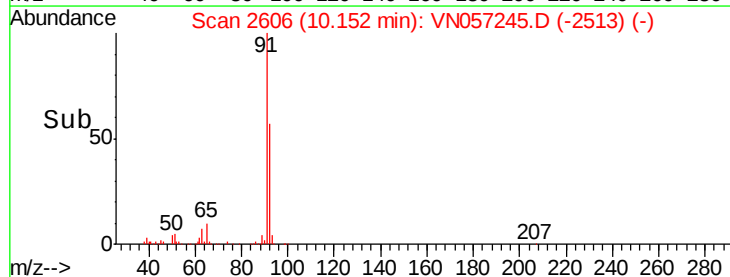
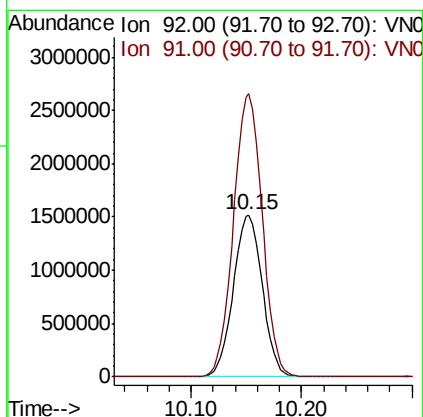
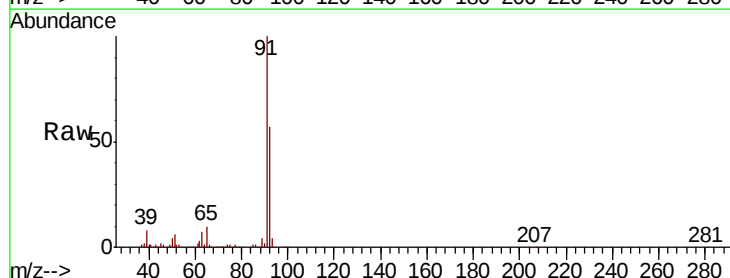
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

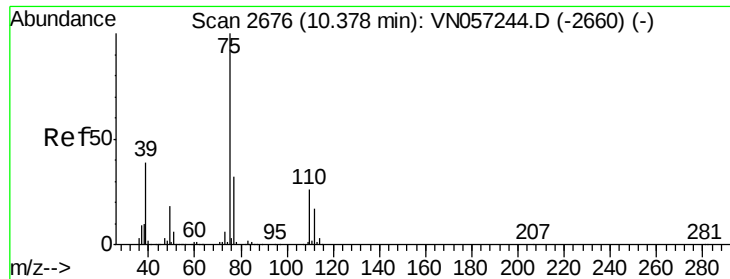
Tgt Ion: 43 Resp: 5792291
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.7 50.5



#52
 Toluene
 Concen: 95.786 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 92 Resp: 2756751
 Ion Ratio Lower Upper
 92 100
 91 174.8 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 105.077 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

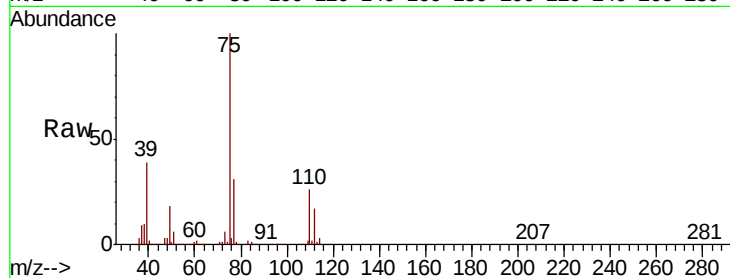
VSTDIC100

Tgt Ion: 75 Resp: 1670220

Ion Ratio Lower Upper

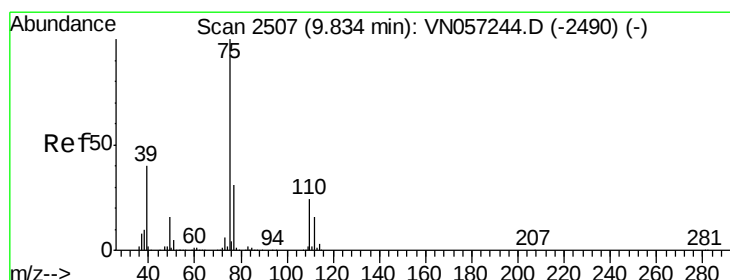
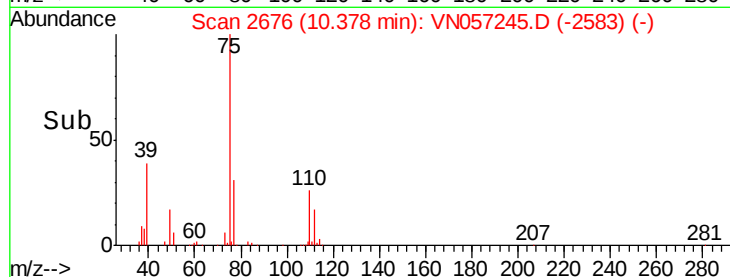
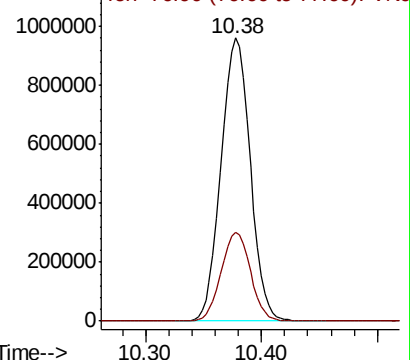
75 100

77 31.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 99.526 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

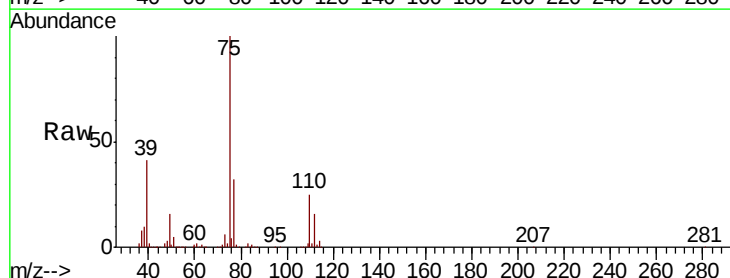
Tgt Ion: 75 Resp: 1828062

Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

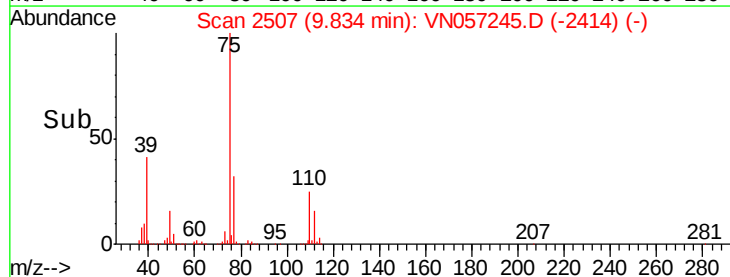
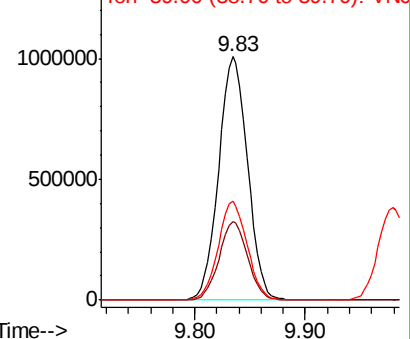
39 40.6 32.3 48.5

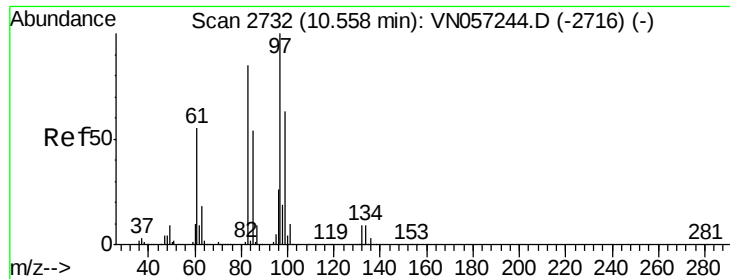


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 88.559 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 1059368

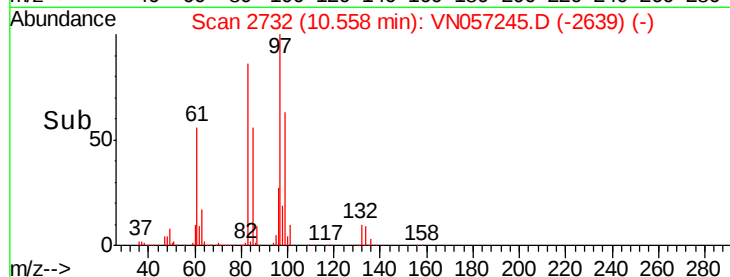
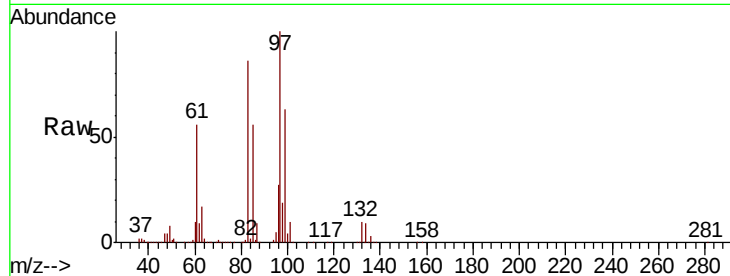
Ion Ratio Lower Upper

97 100

83 86.2 68.4 102.6

85 55.6 43.0 64.6

99 62.9 50.6 75.8

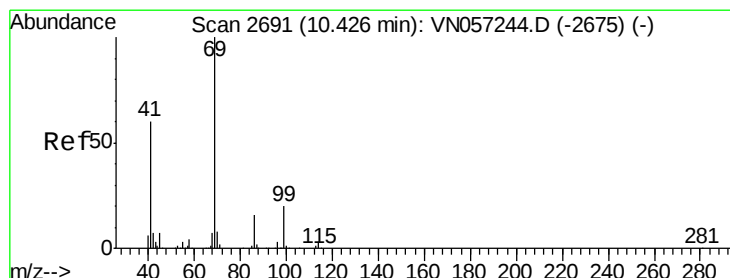
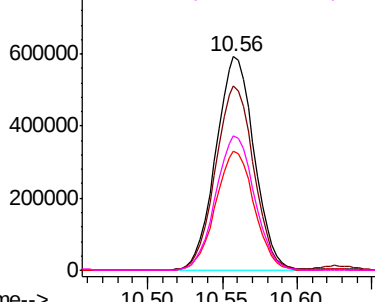


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 93.931 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

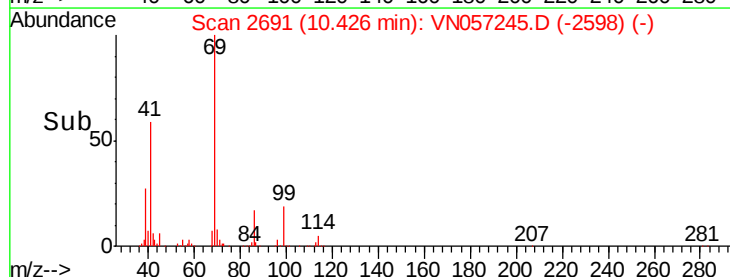
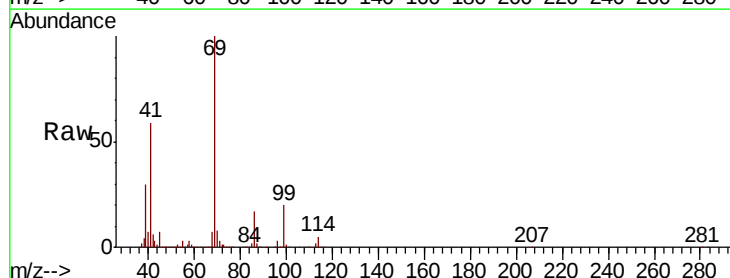
Tgt Ion: 69 Resp: 1598234

Ion Ratio Lower Upper

69 100

41 59.1 47.6 71.4

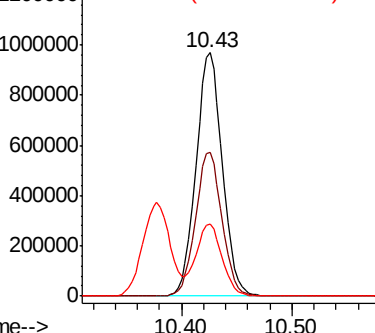
39 29.2 23.4 35.0

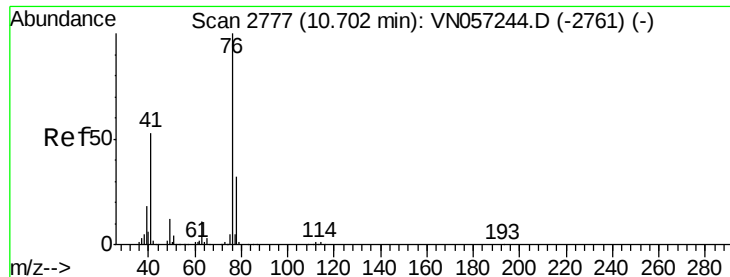


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

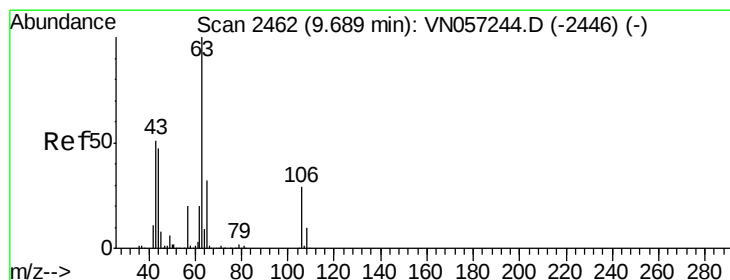
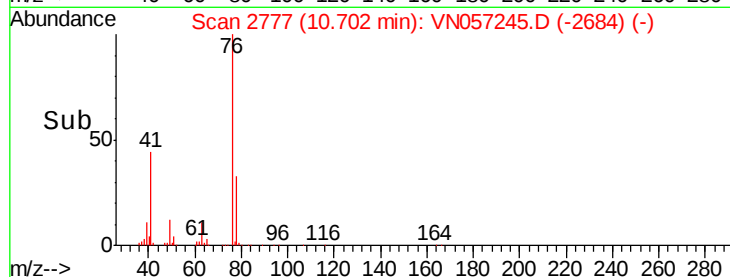
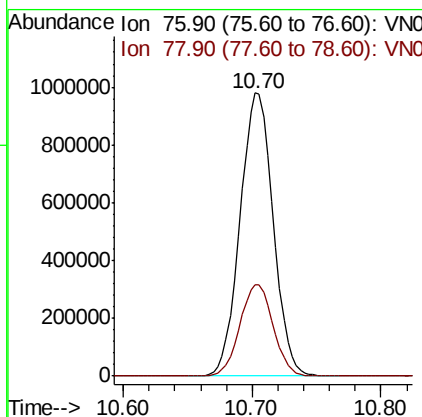
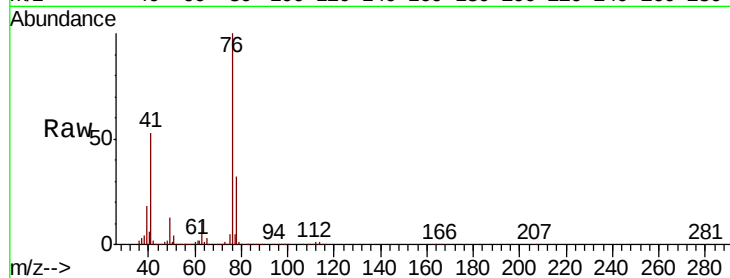




#57
 1,3-Dichloropropane
 Concen: 89.566 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

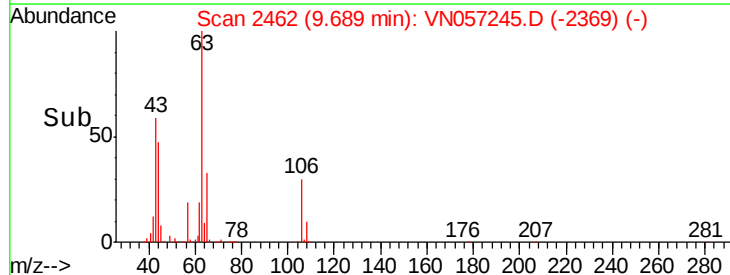
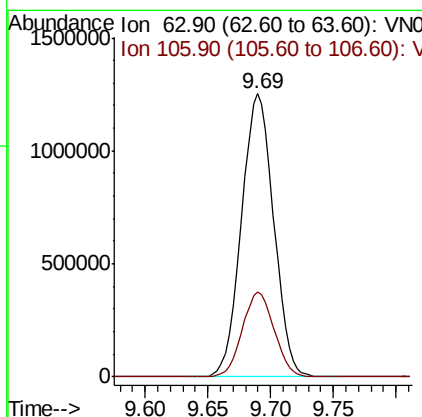
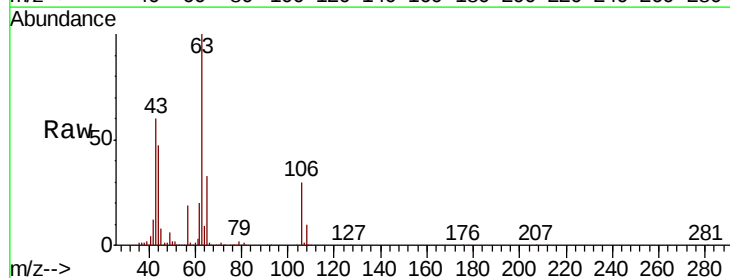
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

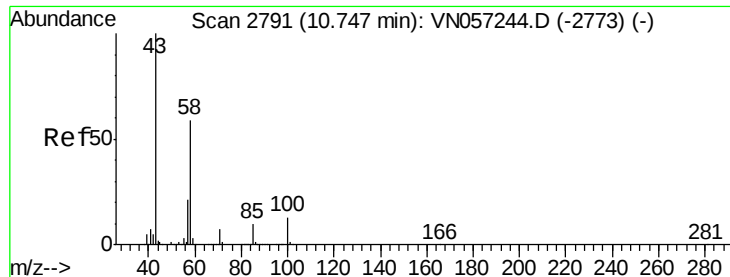
Tgt Ion: 76 Resp: 1747979
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 296.491 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 63 Resp: 2237291
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.4 35.2

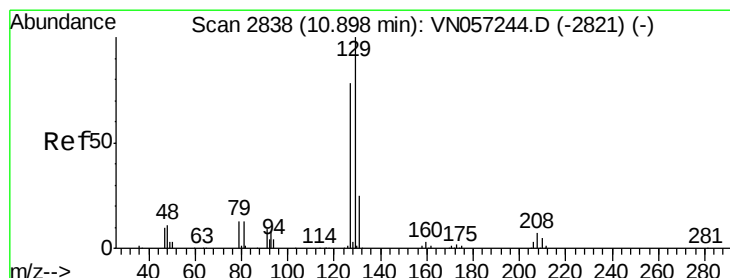
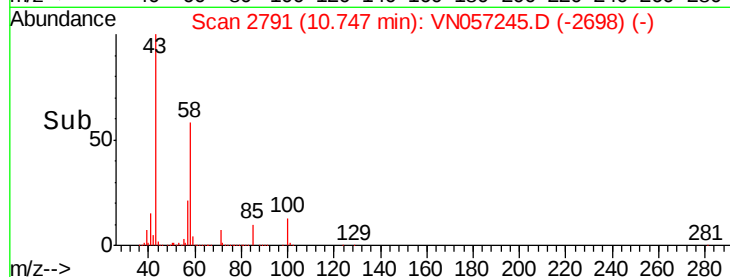
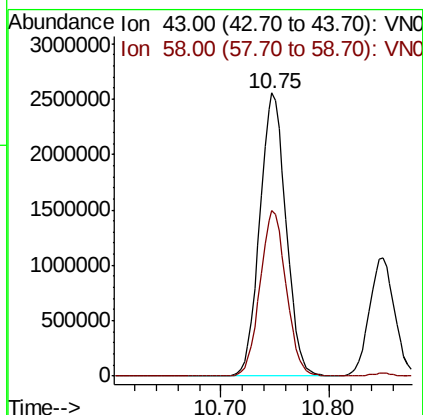
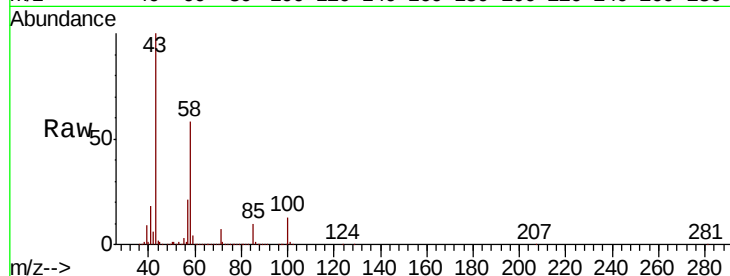




#59
2-Hexanone
Concen: 396.090 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

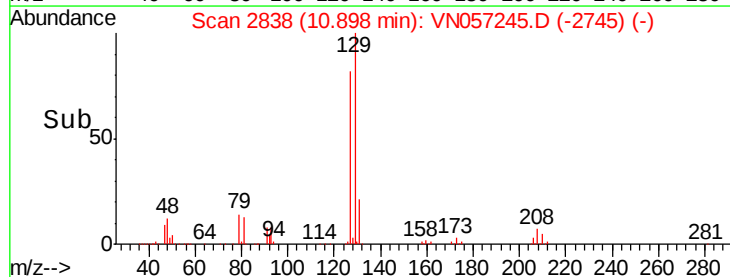
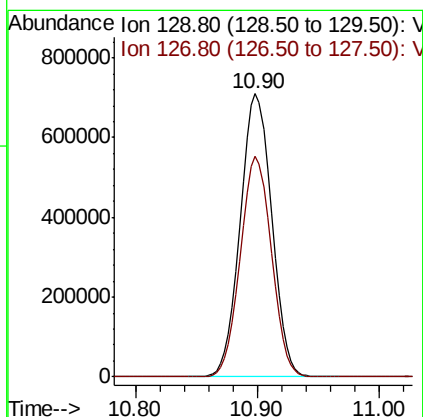
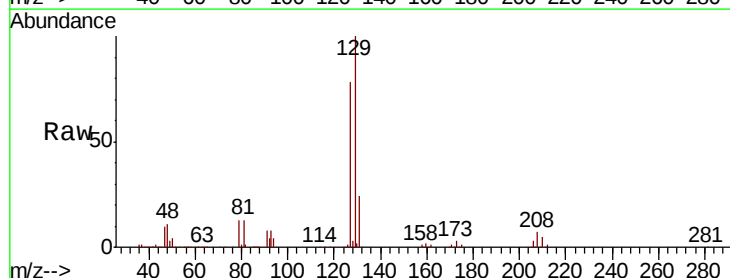
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

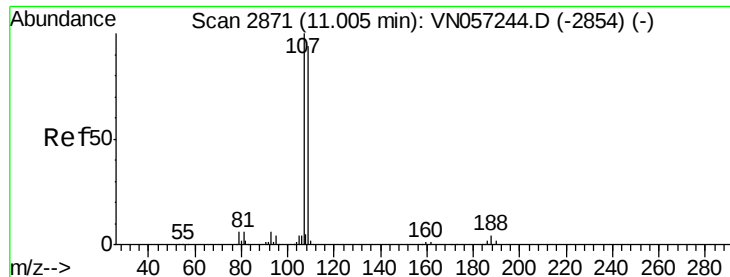
Tgt Ion: 43 Resp: 4296406
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.4



#60
Dibromochloromethane
Concen: 105.745 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 129 Resp: 1261951
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6

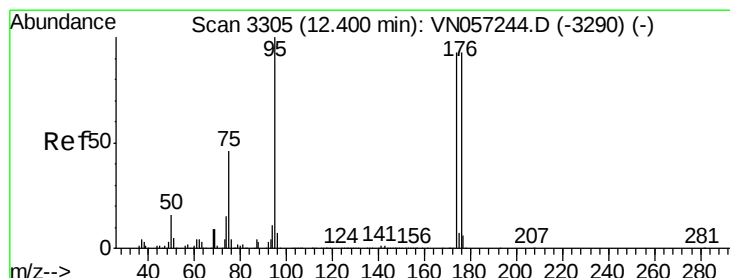
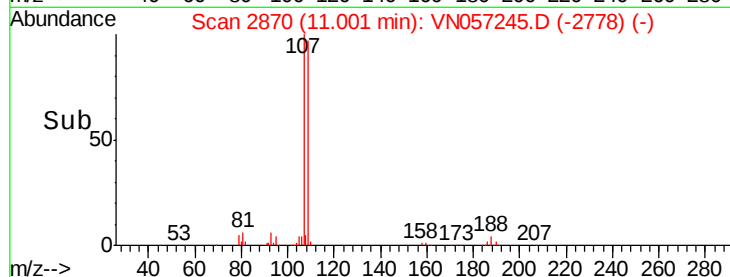
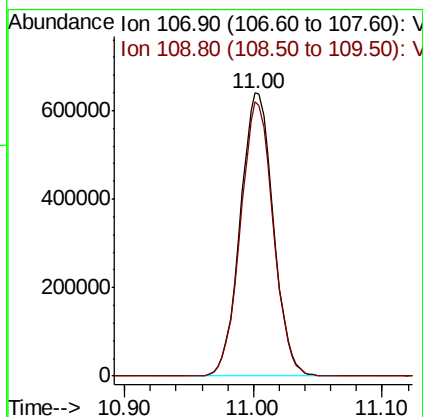
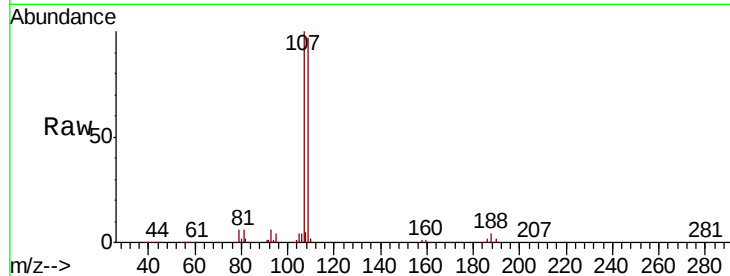




#61
 1,2-Dibromoethane
 Concen: 95.504 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

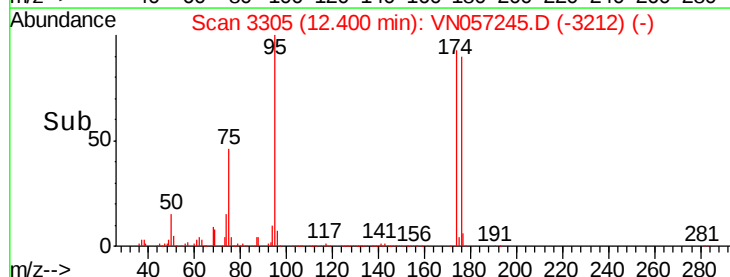
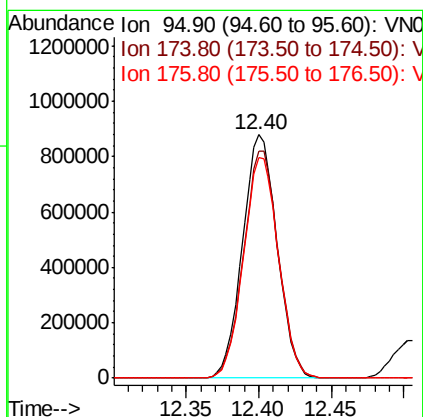
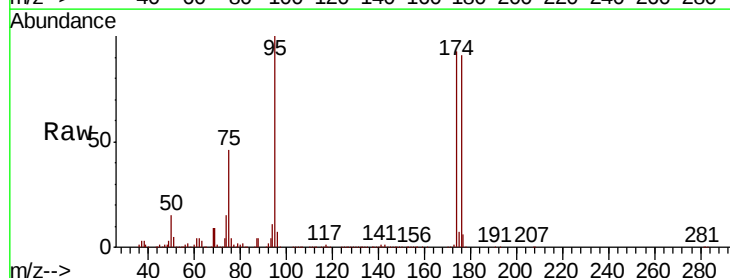
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

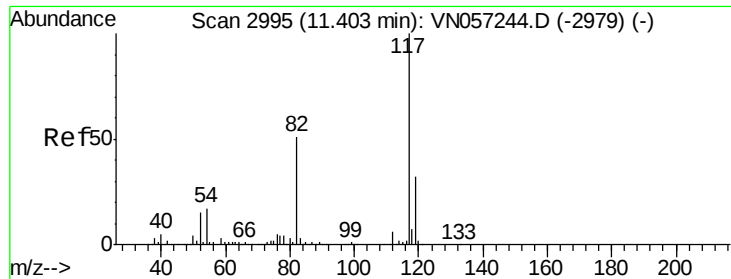
Tgt Ion: 107 Resp: 1139059
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 104.606 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 95 Resp: 1454740
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 187.6
 176 91.9 0.0 185.8

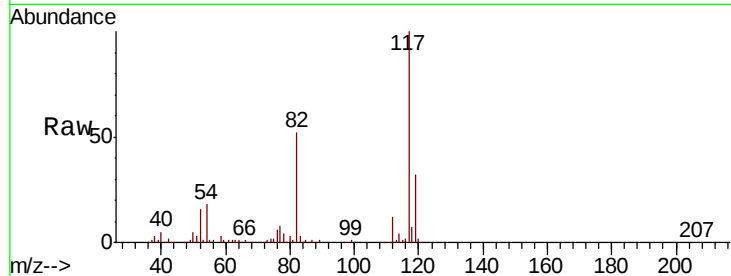




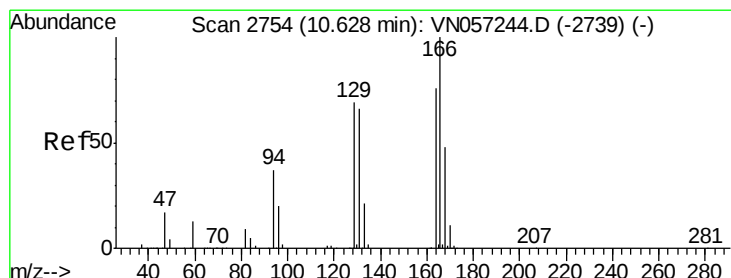
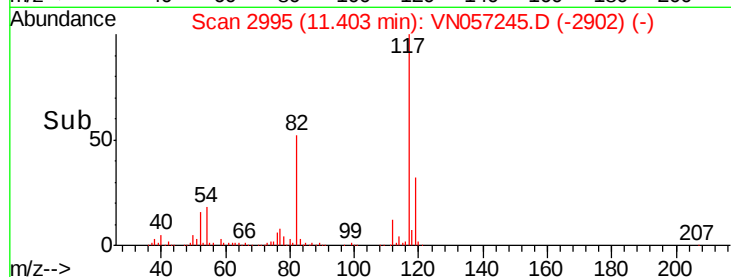
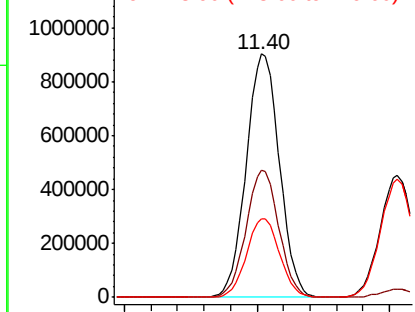
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 1569097
Ion Ratio Lower Upper
117 100
82 52.4 40.9 61.3
119 32.4 25.4 38.2

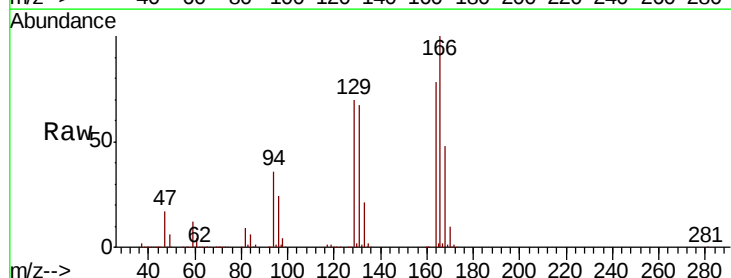


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

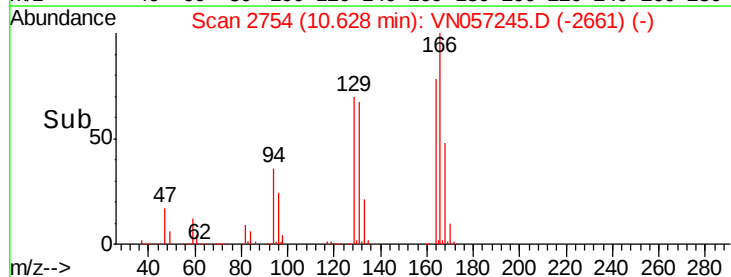
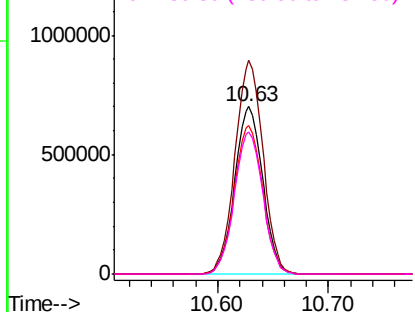


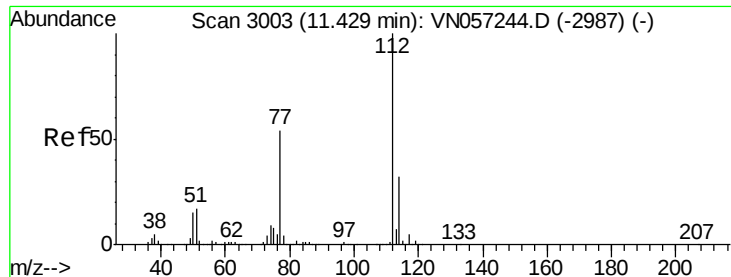
#64
Tetrachloroethene
Concen: 90.603 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion:164 Resp: 1232152
Ion Ratio Lower Upper
164 100
166 127.7 104.9 157.3
129 89.1 71.9 107.9
131 85.0 69.1 103.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

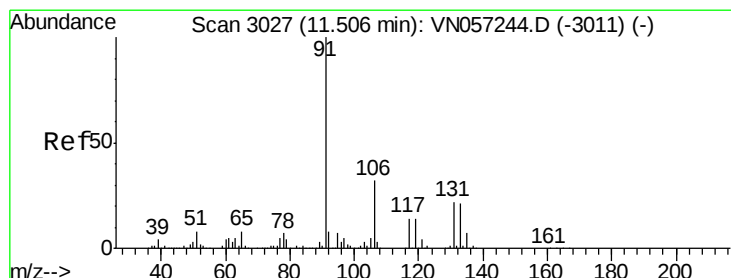
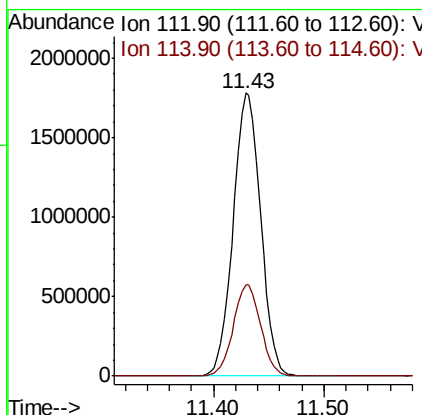
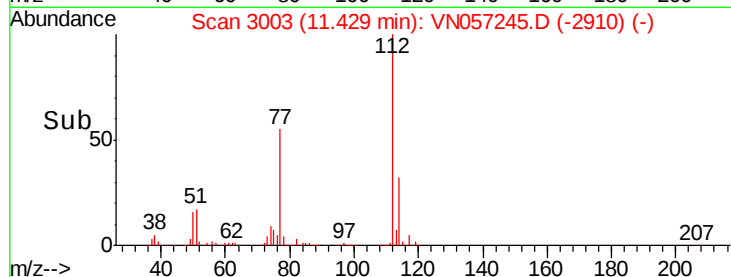
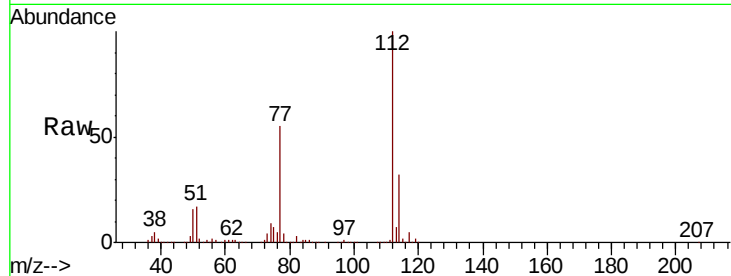




#65
Chlorobenzene
Concen: 95.490 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

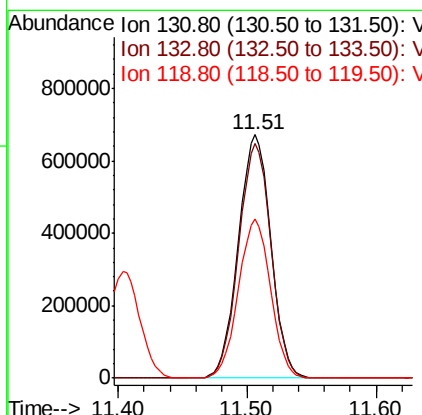
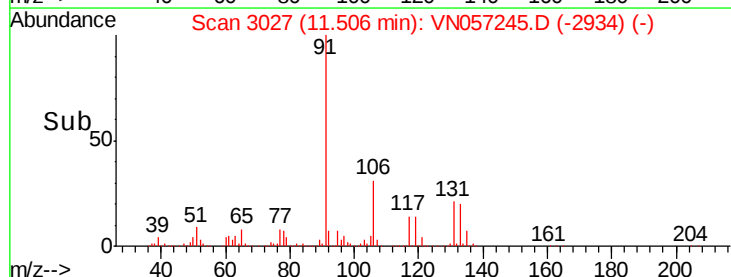
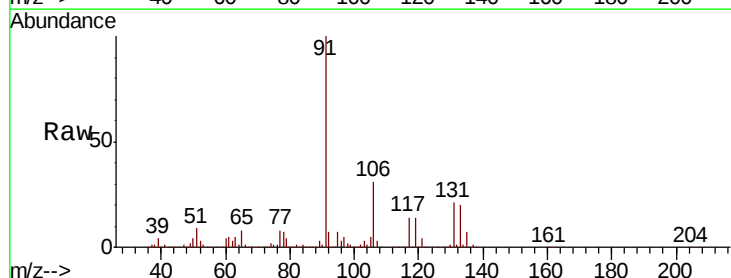
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

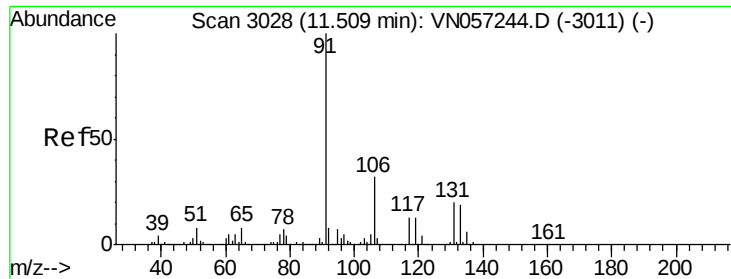
Tgt Ion:112 Resp: 3073275
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 98.702 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion:131 Resp: 1177633
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.7
119 64.7 32.3 96.8

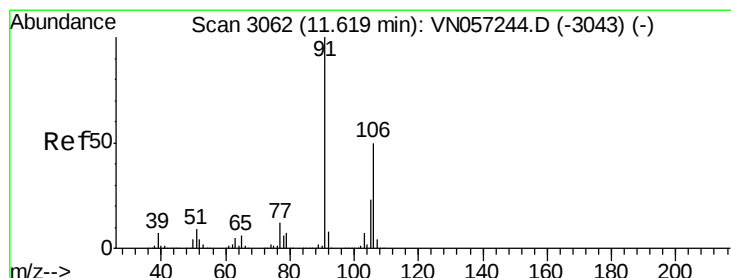
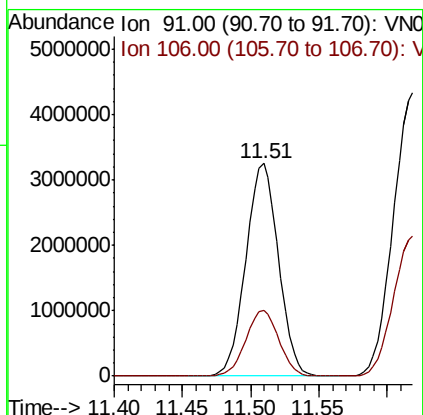
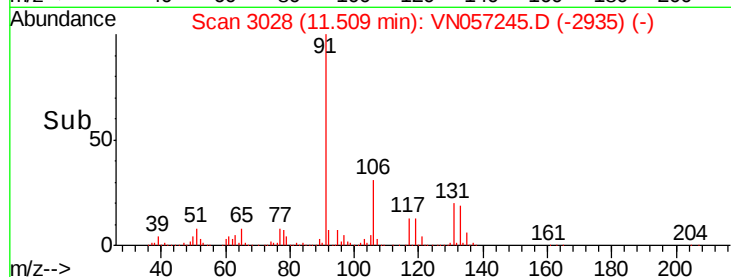
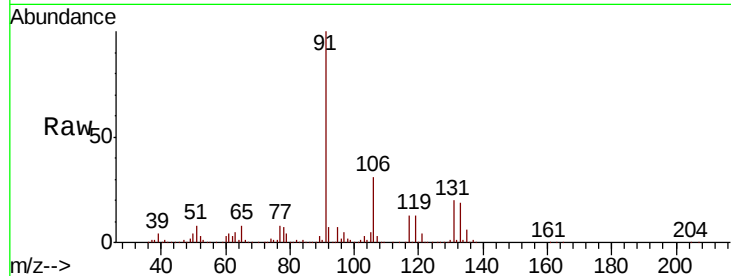




#67
Ethyl Benzene
Concen: 95.920 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

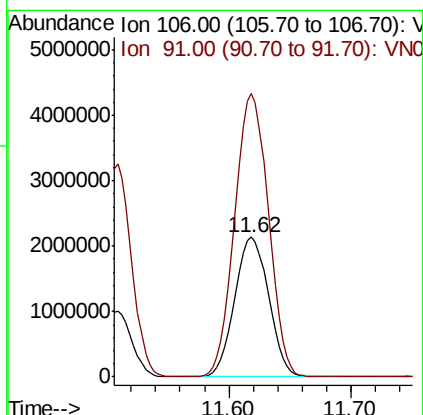
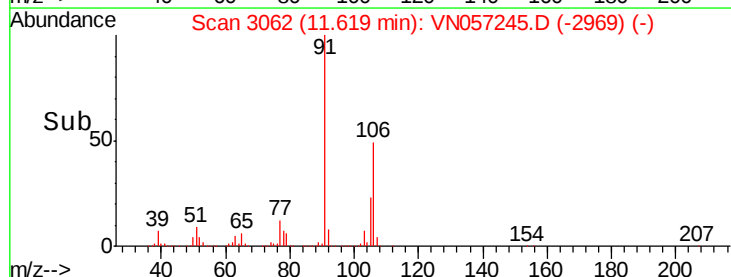
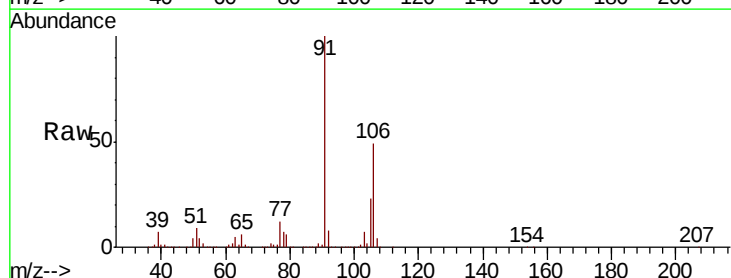
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

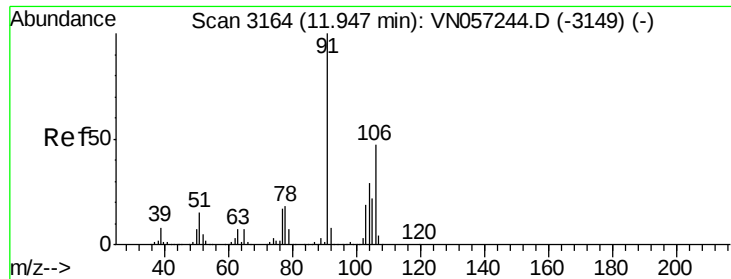
Tgt Ion: 91 Resp: 5400362
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0



#68
m/p-Xylenes
Concen: 195.735 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 106 Resp: 4115396
Ion Ratio Lower Upper
106 100
91 202.0 161.4 242.0

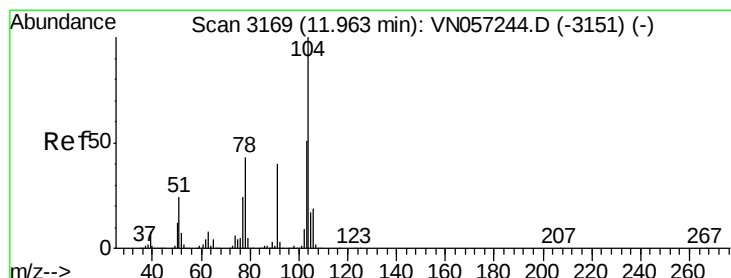
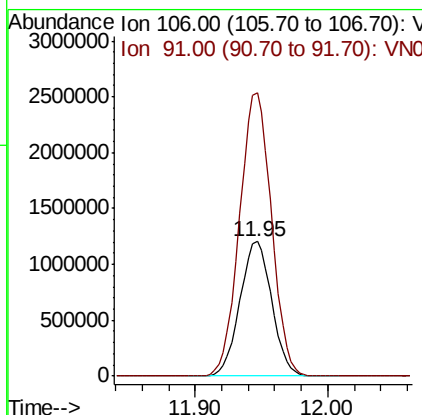
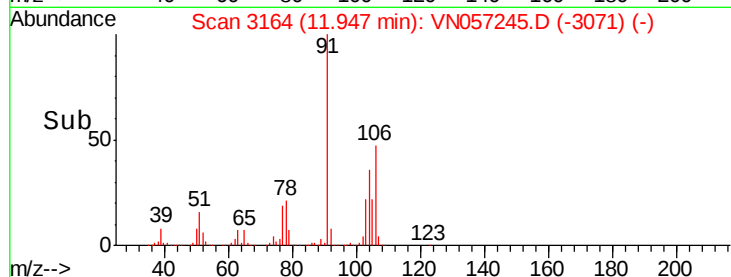
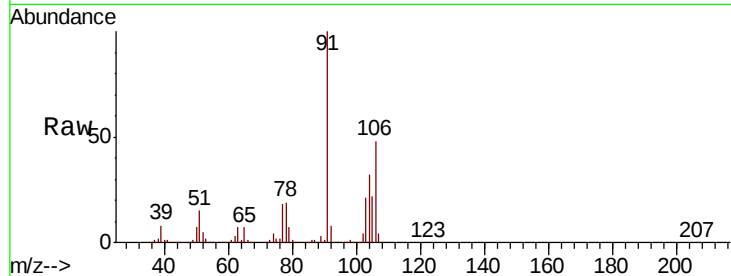




#69
o-Xylene
Concen: 96.988 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

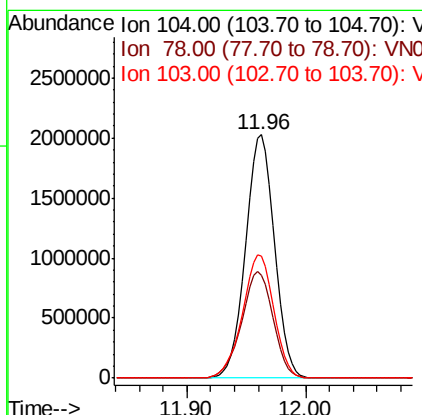
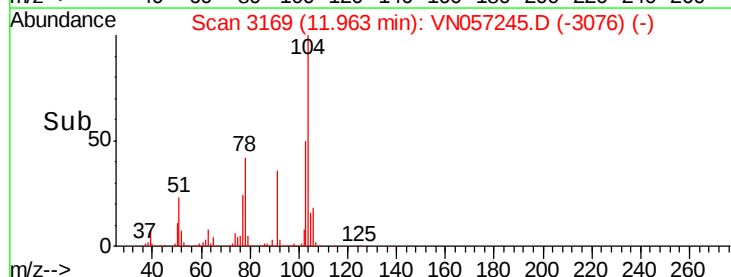
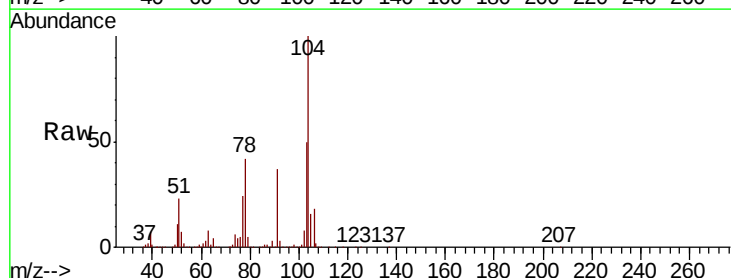
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

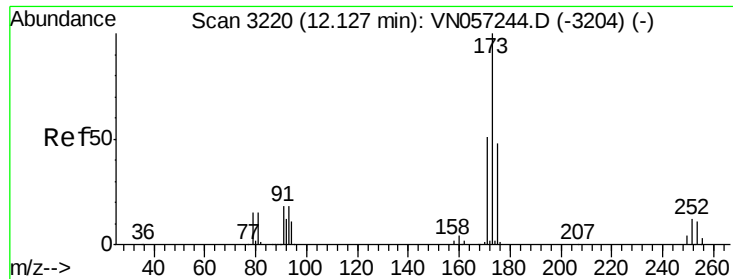
Tgt Ion:106 Resp: 2004167
Ion Ratio Lower Upper
106 100
91 211.3 106.5 319.4



#70
Styrene
Concen: 102.561 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion:104 Resp: 3414863
Ion Ratio Lower Upper
104 100
78 47.8 38.6 57.8
103 54.7 43.9 65.9





#71

Bromoform

Concen: 109.287 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

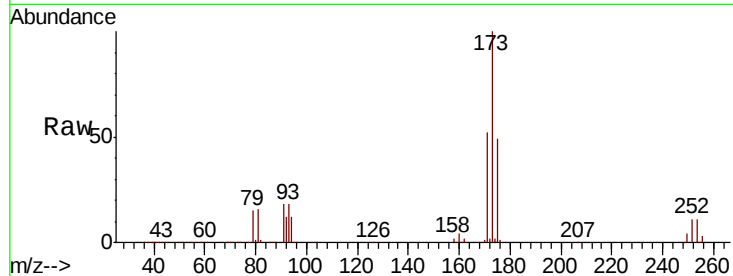
Tgt Ion:173 Resp: 990851

Ion Ratio Lower Upper

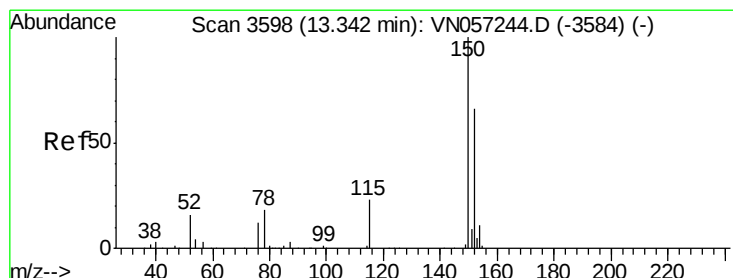
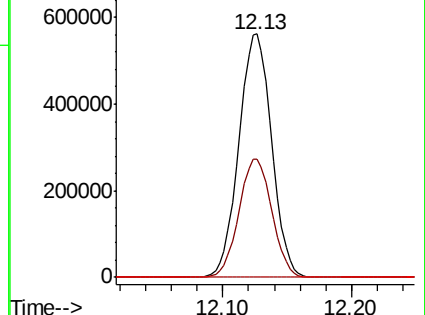
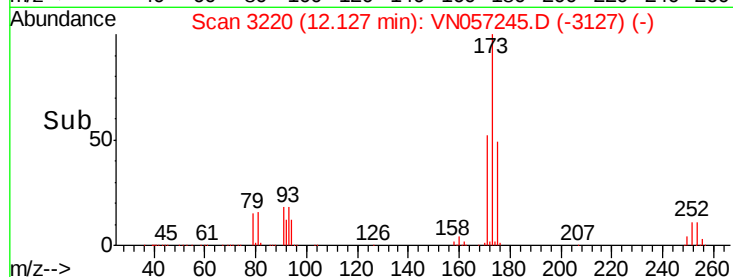
173 100

175 48.9 24.4 73.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

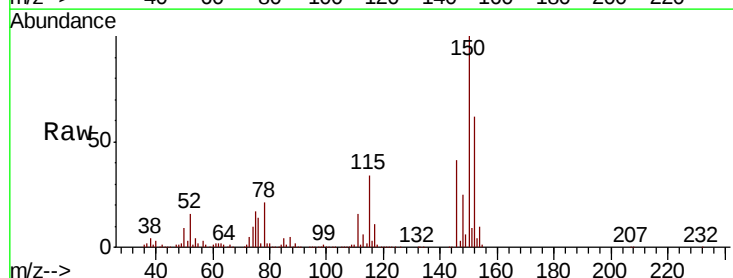
Tgt Ion:152 Resp: 757444

Ion Ratio Lower Upper

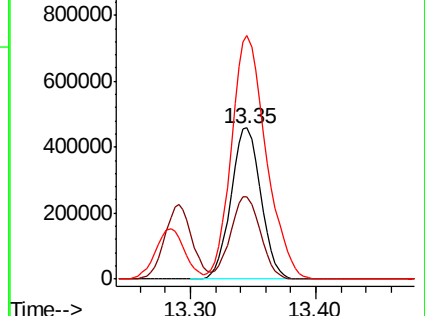
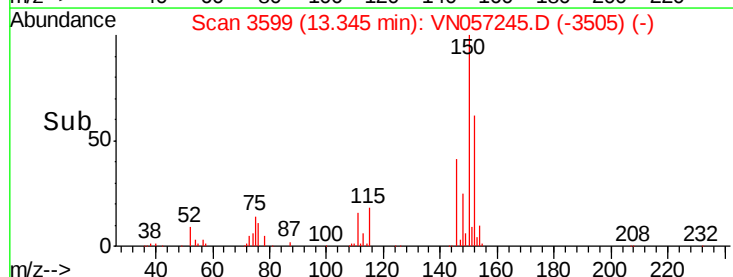
152 100

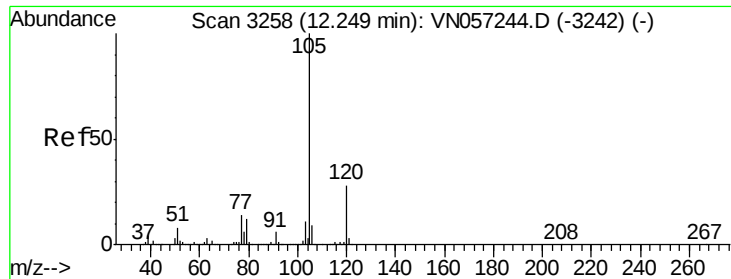
115 54.7 27.6 82.8

150 187.0 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 87.097 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

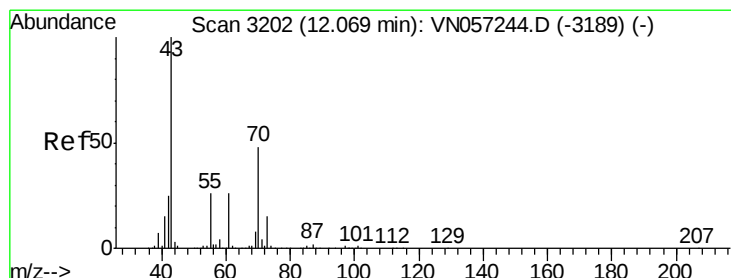
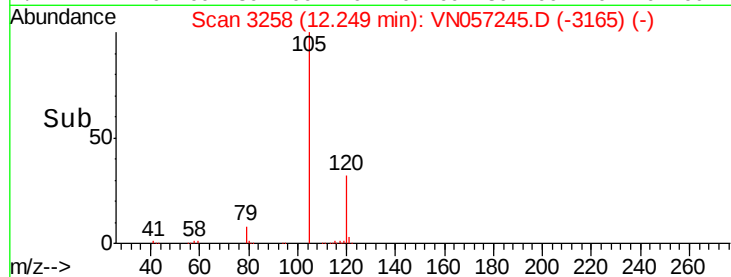
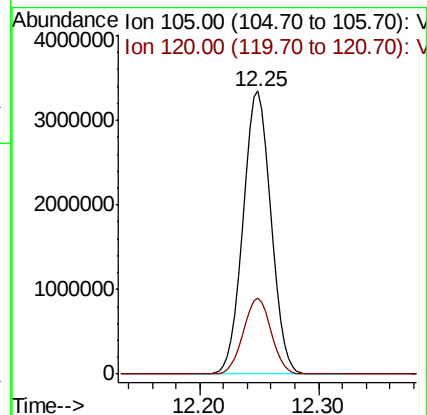
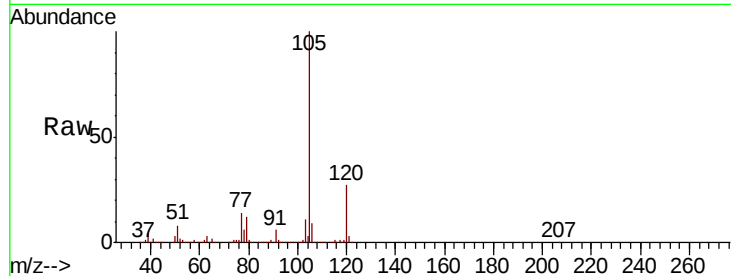
VSTDIC100

Tgt Ion:105 Resp: 5418254

Ion Ratio Lower Upper

105 100

120 26.9 13.8 41.3



#74

N-ethyl acetate

Concen: 76.176 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Tgt Ion: 43 Resp: 1686388

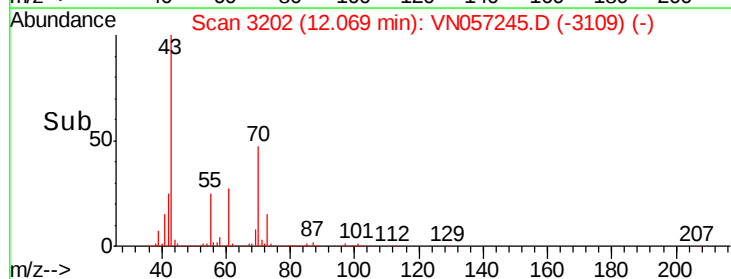
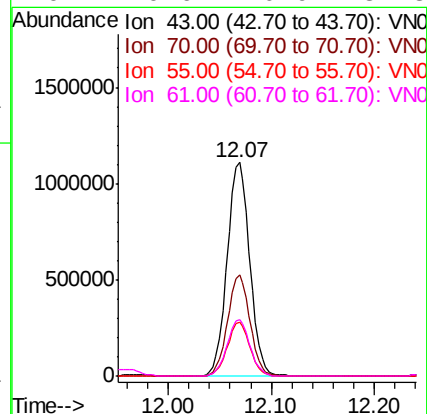
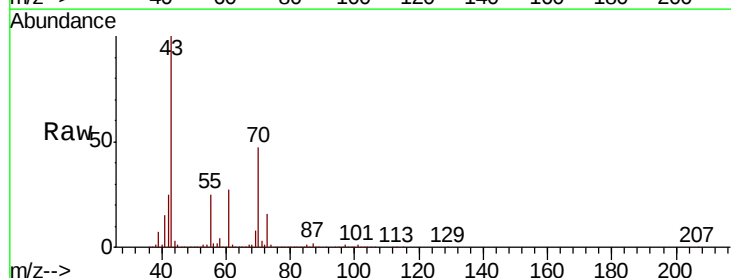
Ion Ratio Lower Upper

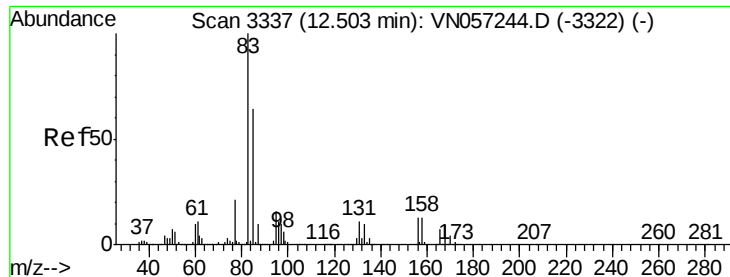
43 100

70 46.8 37.4 56.2

55 25.1 21.0 31.4

61 26.6 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 71.885 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

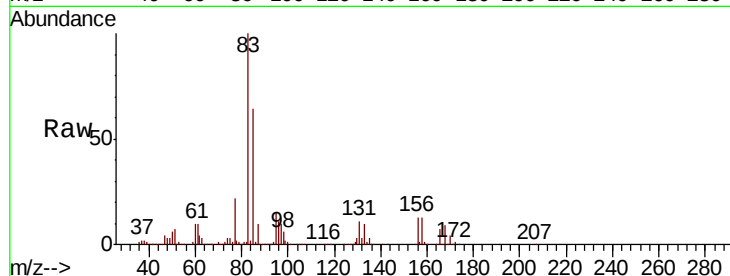
Tgt Ion: 83 Resp: 1470674

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN057245.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN057245.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN057245.D (-3244) (-)

1200000

800000

600000

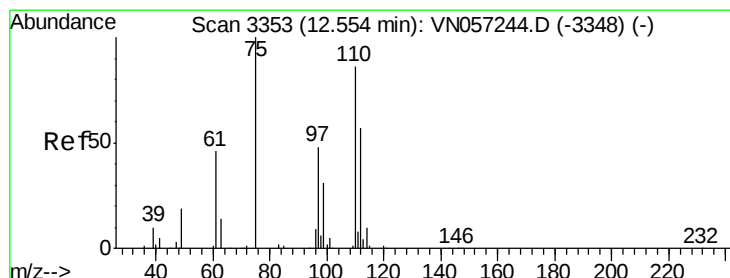
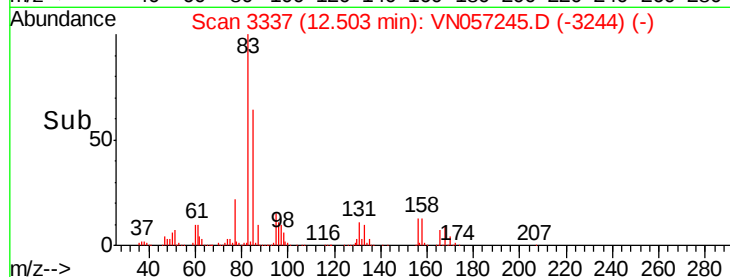
400000

200000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 116.393 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN057245.D

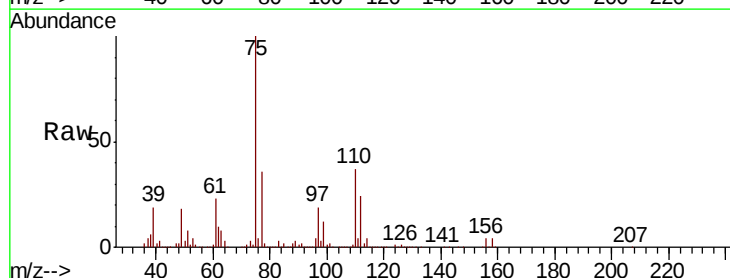
Acq: 13 Aug 2019 13:04

Tgt Ion: 75 Resp: 1898220

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057245.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057245.D (-3260) (-)

1500000

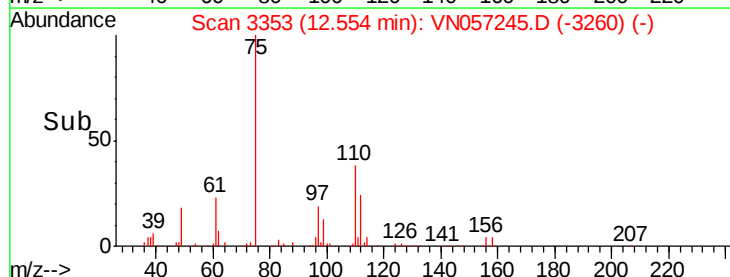
1000000

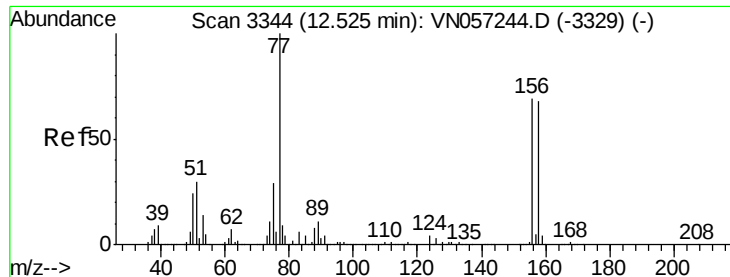
500000

0

12.40 12.50 12.60

Time-->





#77

Bromobenzene

Concen: 90.037 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

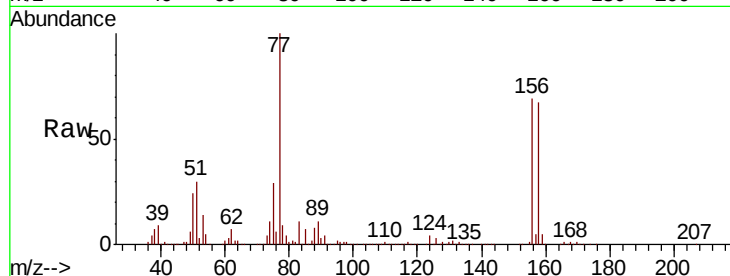
Tgt Ion:156 Resp: 1467546

Ion Ratio Lower Upper

156 100

77 175.3 88.0 264.1

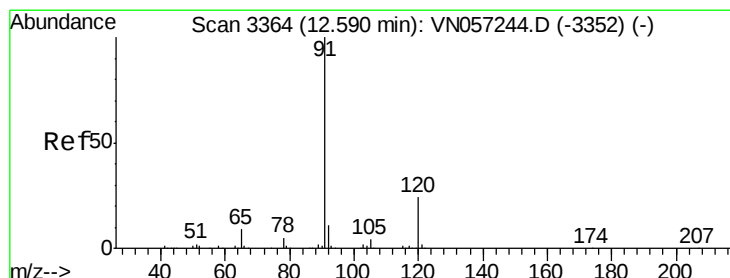
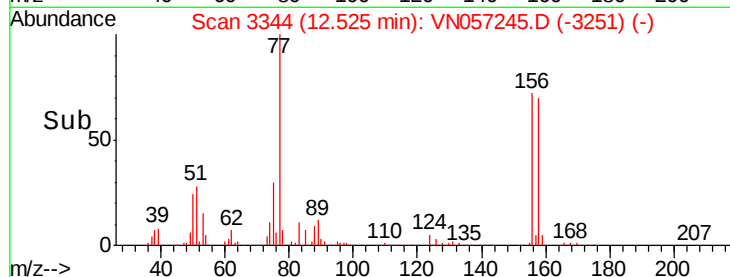
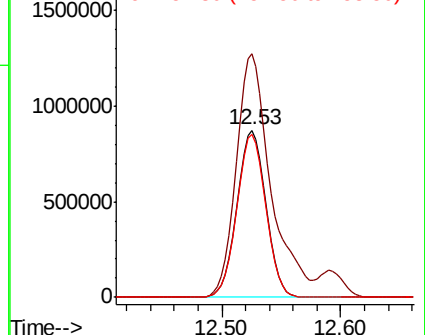
158 97.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 87.319 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057245.D

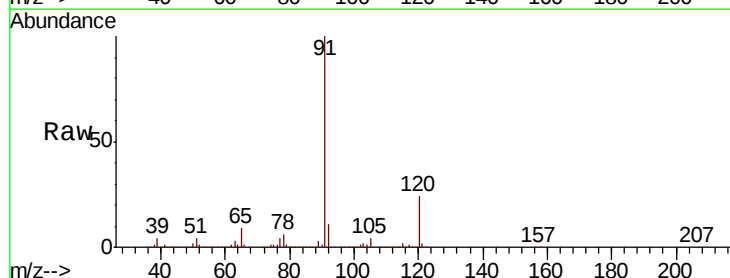
Acq: 13 Aug 2019 13:04

Tgt Ion: 91 Resp: 5966085

Ion Ratio Lower Upper

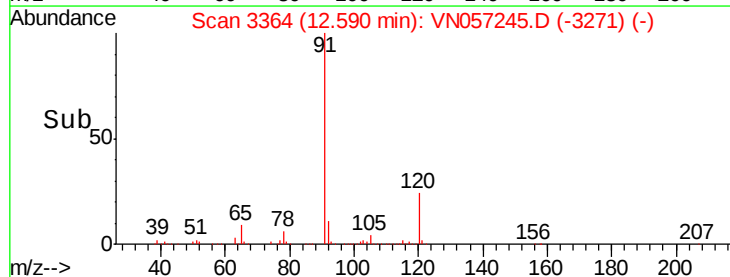
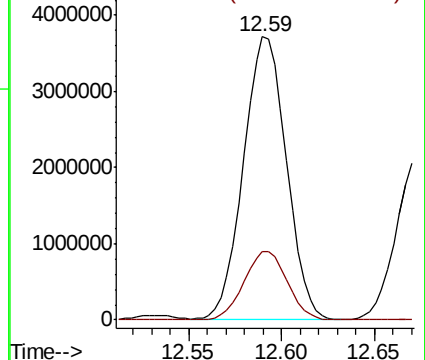
91 100

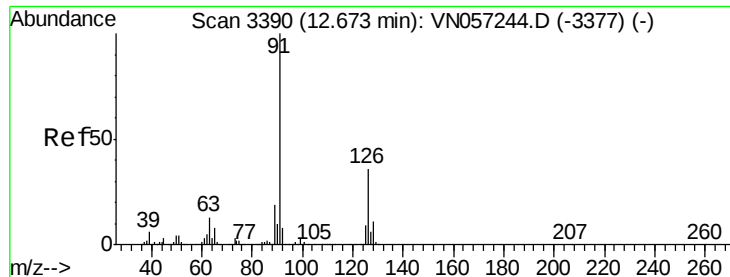
120 24.5 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 83.980 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

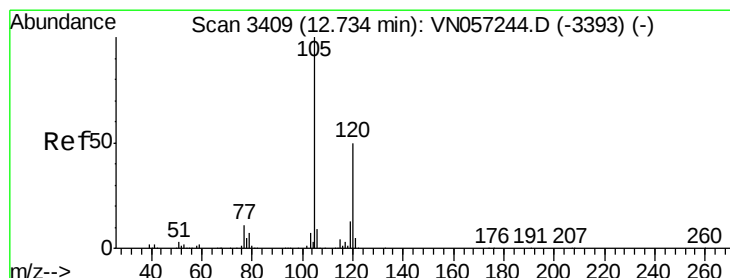
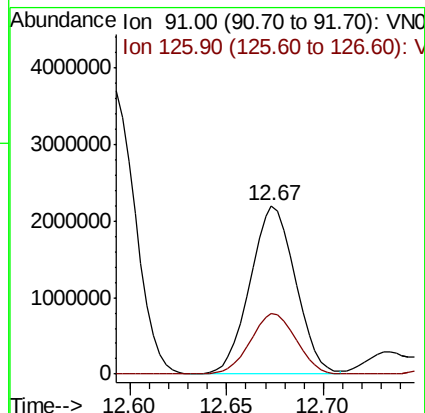
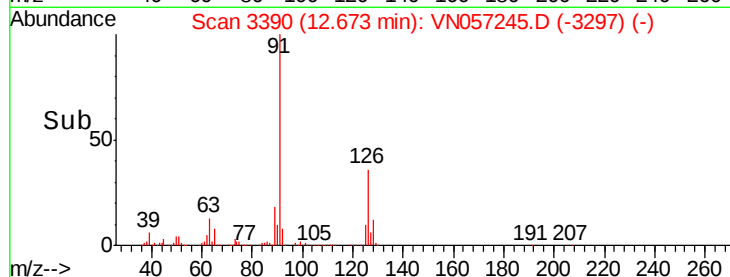
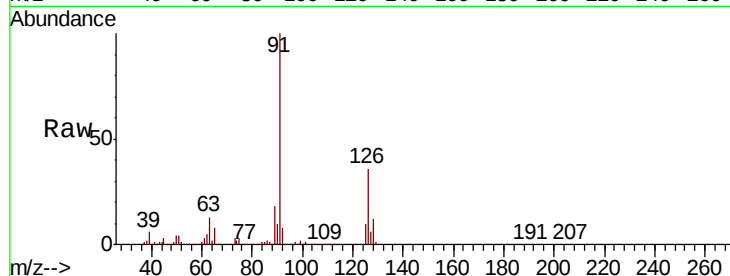
VSTDIC100

Tgt Ion: 91 Resp: 3568387

Ion Ratio Lower Upper

91 100

126 36.5 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 88.090 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN057245.D

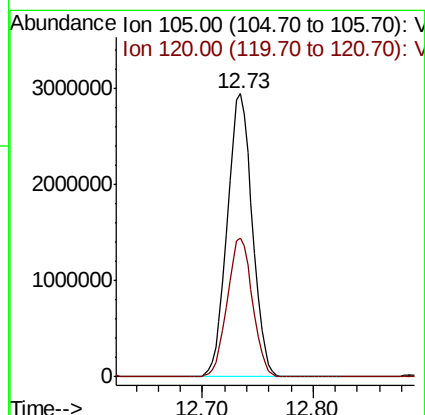
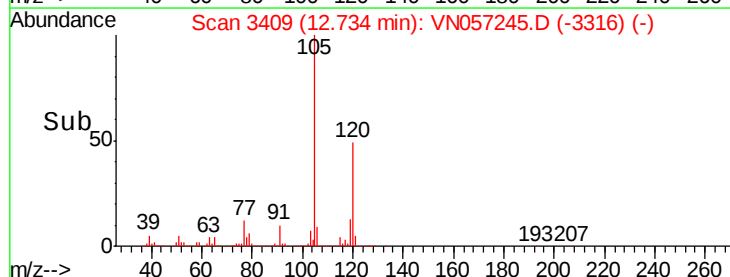
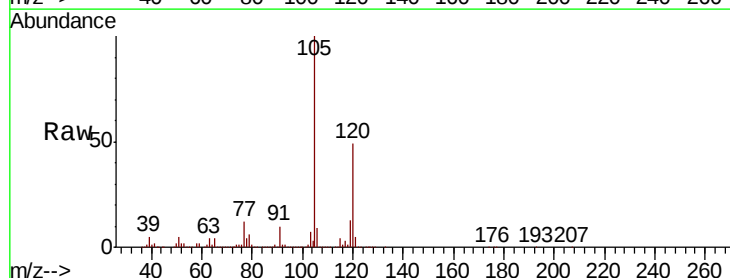
Acq: 13 Aug 2019 13:04

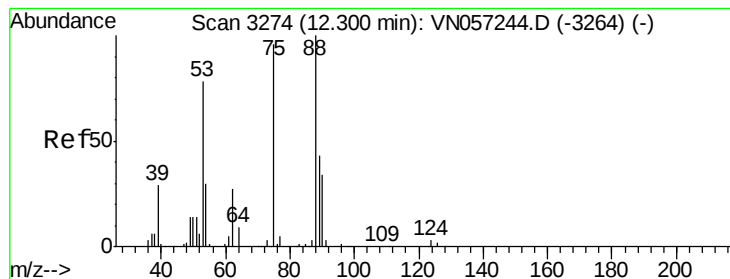
Tgt Ion: 105 Resp: 4629155

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 93.376 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

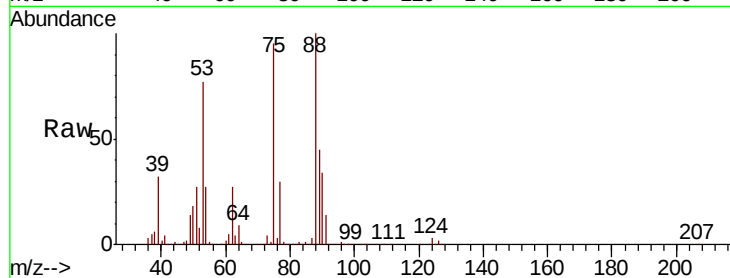
Tgt Ion: 75 Resp: 504546

Ion Ratio Lower Upper

75 100

53 81.4 65.8 98.6

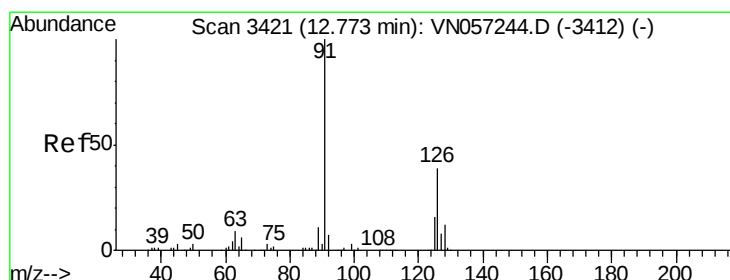
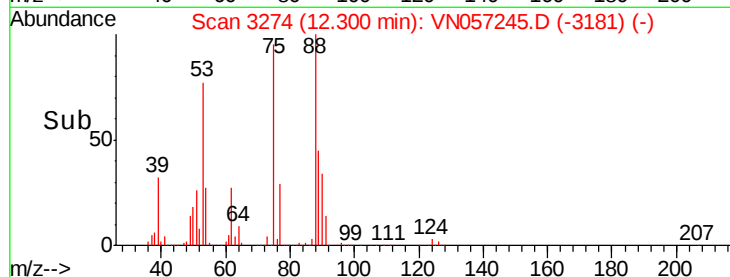
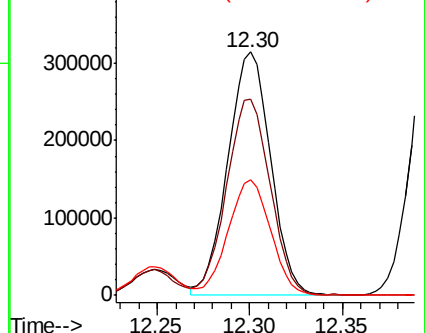
89 47.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN057245.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN057245.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN057245.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 89.815 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN057245.D

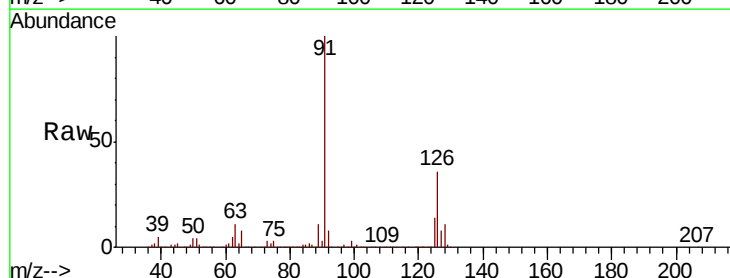
Acq: 13 Aug 2019 13:04

Tgt Ion: 91 Resp: 3593797

Ion Ratio Lower Upper

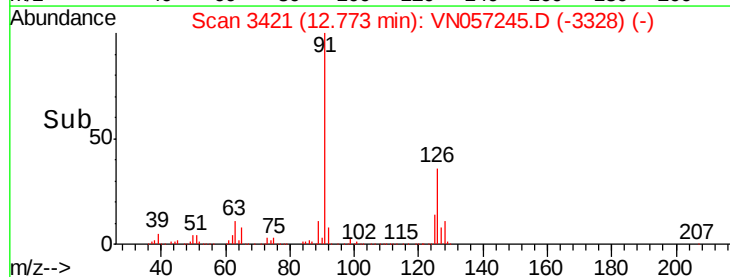
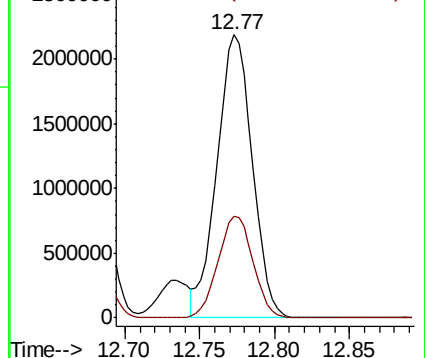
91 100

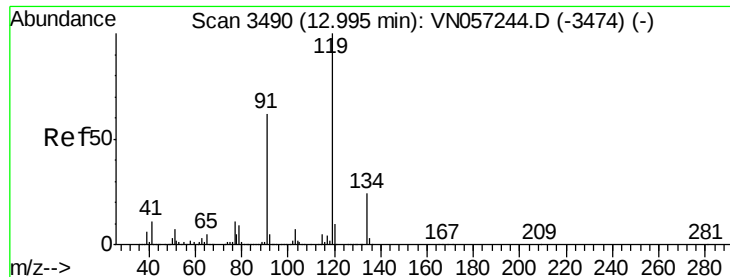
126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN057245.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN057245.D (-3328) (-)

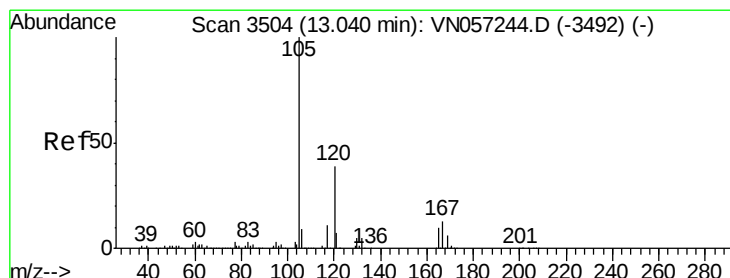
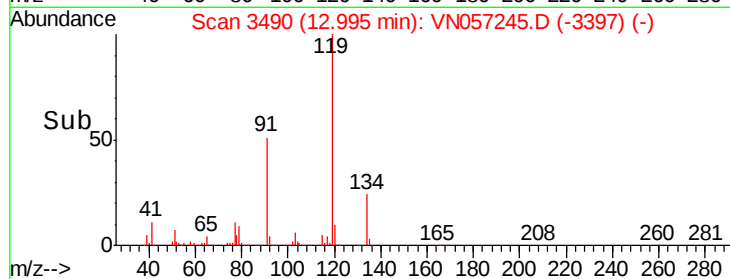
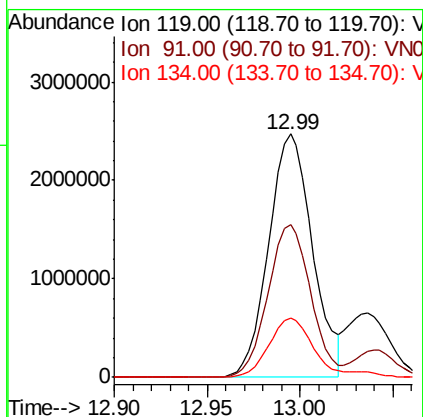
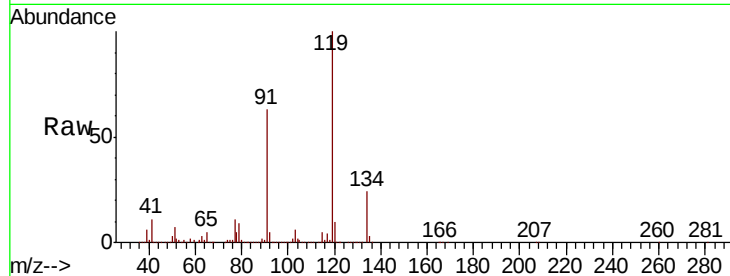




#83
 tert-Butylbenzene
 Concen: 88.030 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

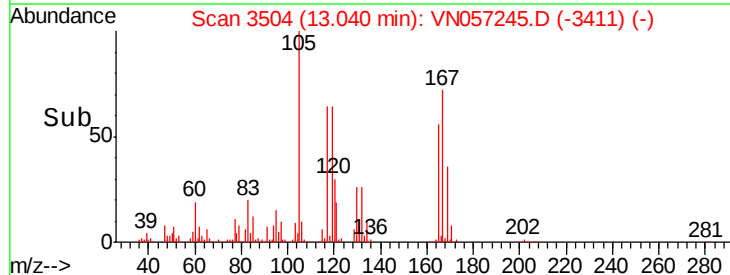
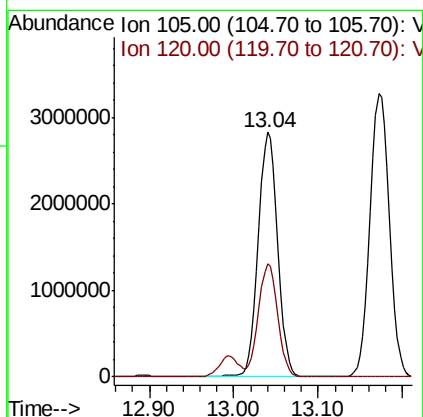
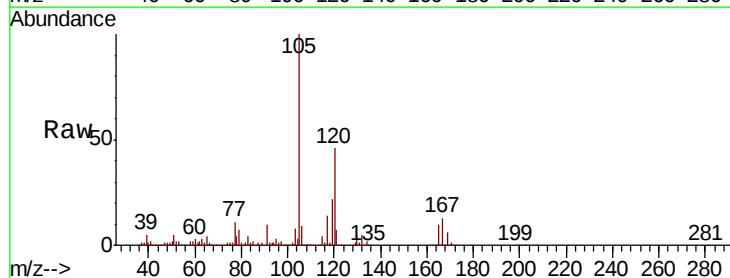
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

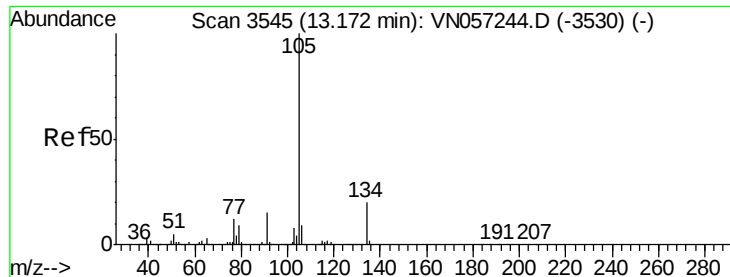
Tgt Ion:119 Resp: 4065076
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.8 92.3
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 88.653 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion:105 Resp: 4513376
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 89.620 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

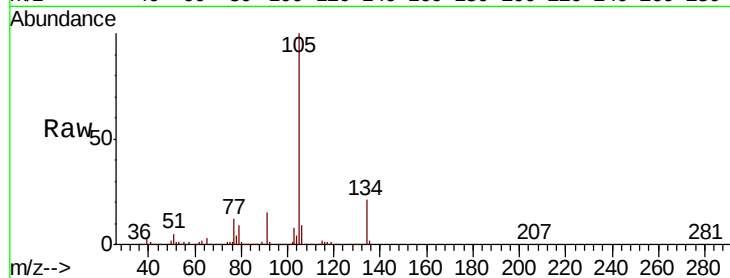
VSTDIC100

Tgt Ion:105 Resp: 5225115

Ion Ratio Lower Upper

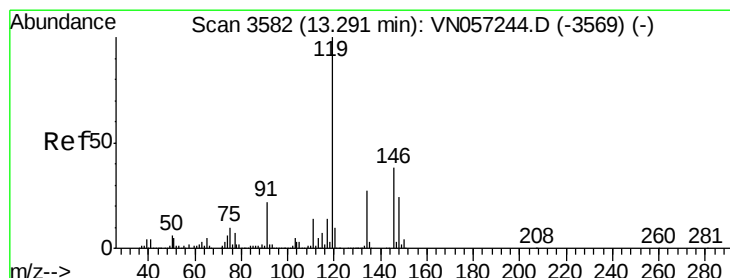
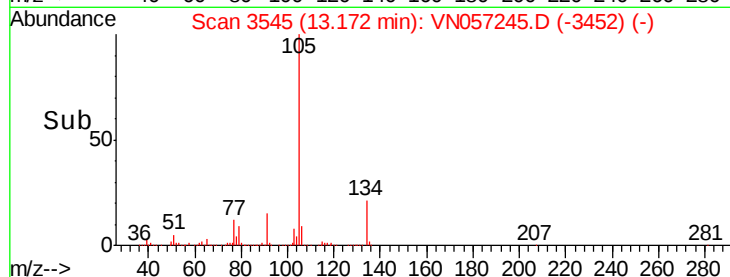
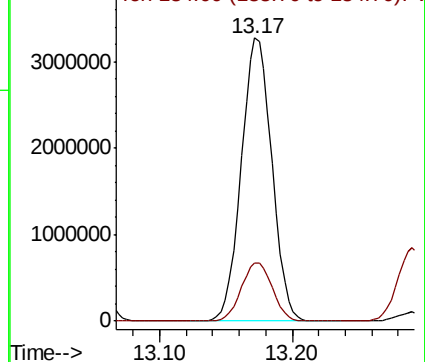
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 91.252 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

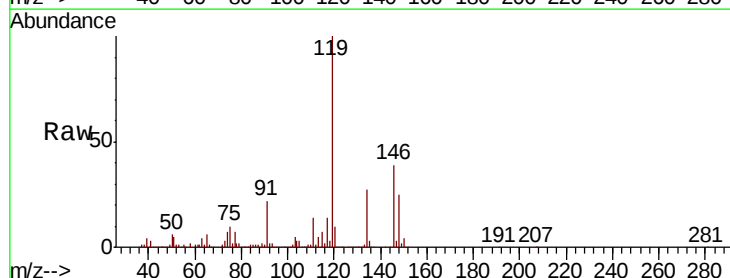
Tgt Ion:119 Resp: 4793851

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

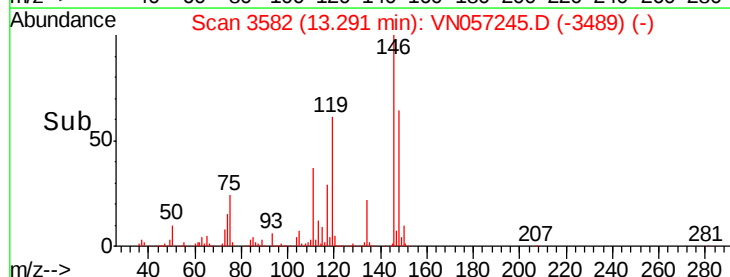
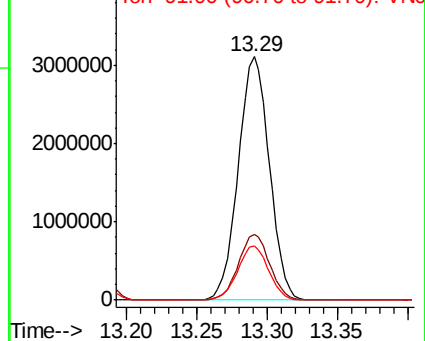
91 22.2 11.1 33.3

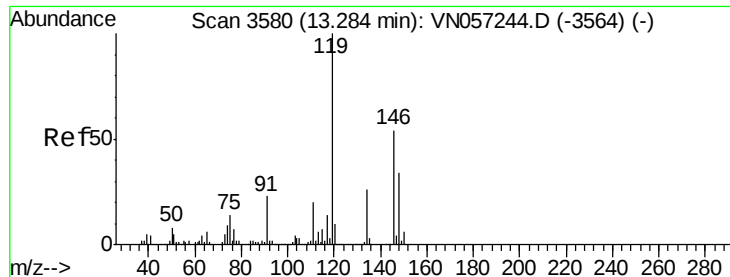


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 92.348 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

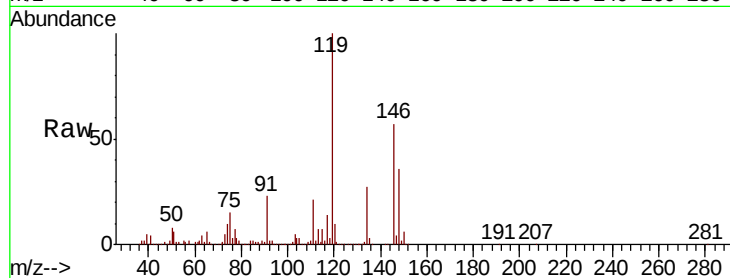
Tgt Ion:146 Resp: 2430452

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

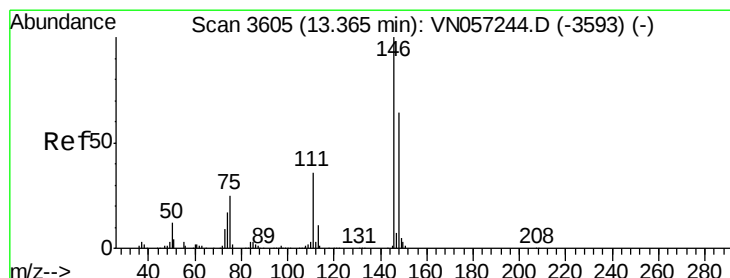
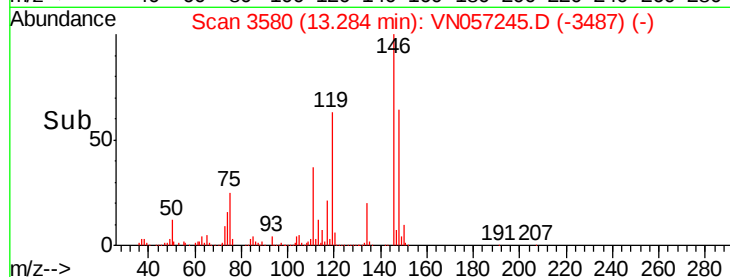
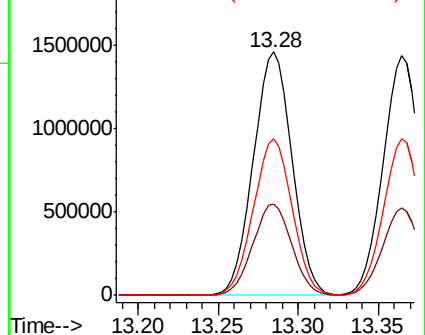
148 64.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 92.344 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN057245.D

Acq: 13 Aug 2019 13:04

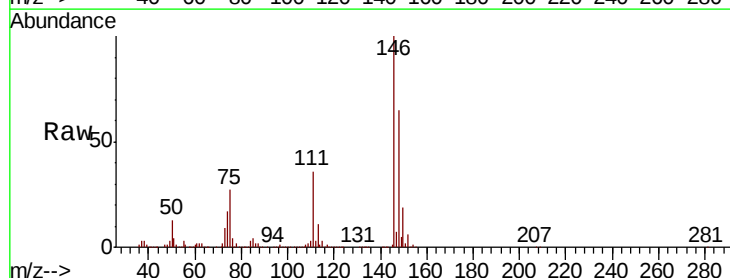
Tgt Ion:146 Resp: 2350257

Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.8

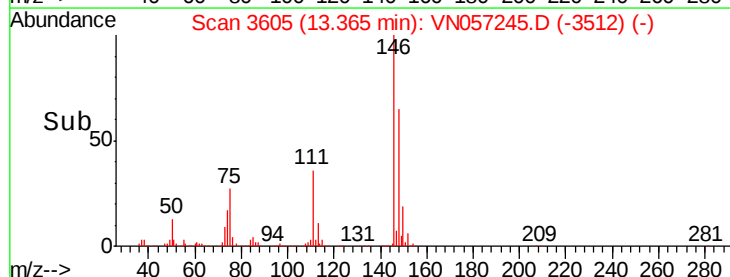
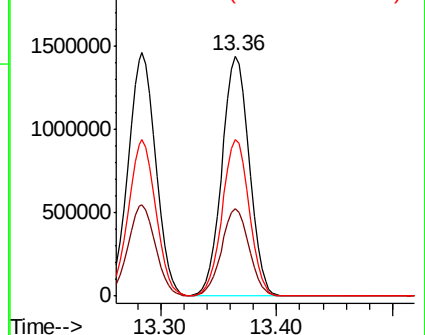
148 64.6 32.0 96.0

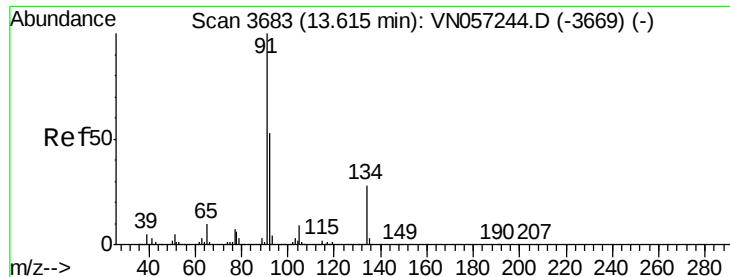


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

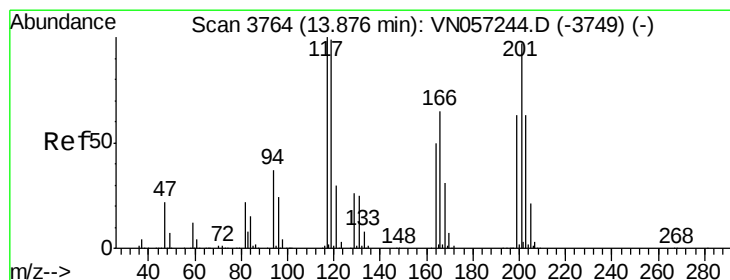
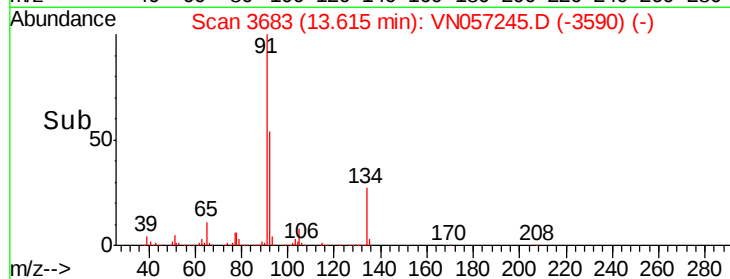
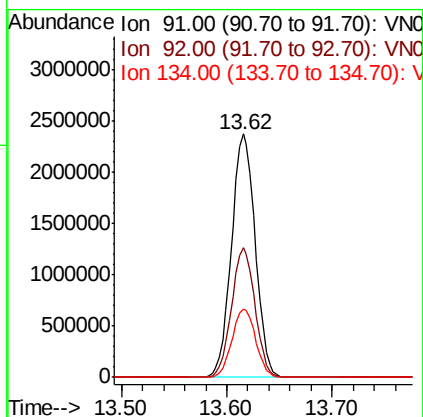
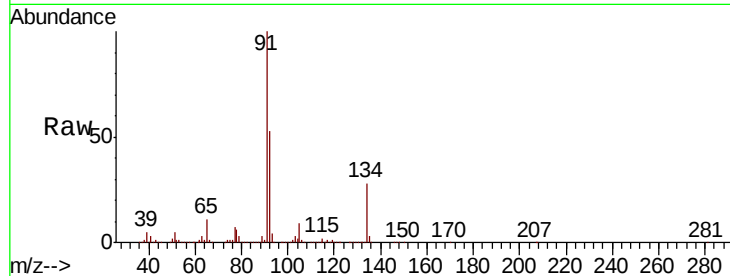




#89
n-Butylbenzene
Concen: 89.063 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

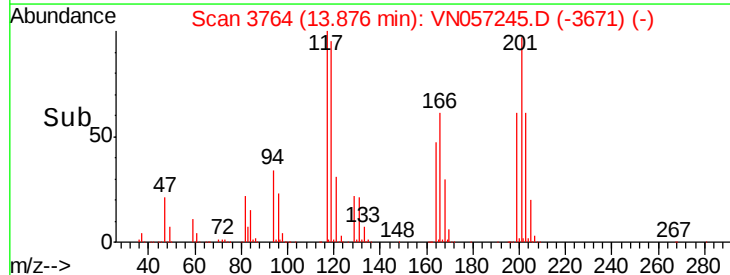
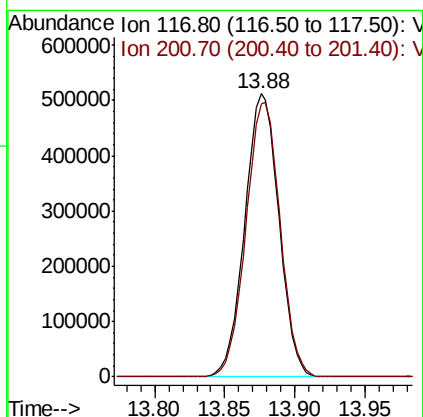
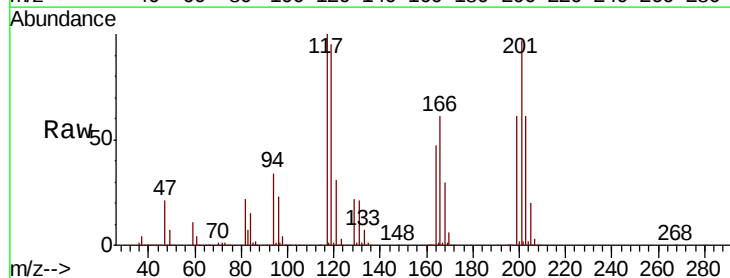
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

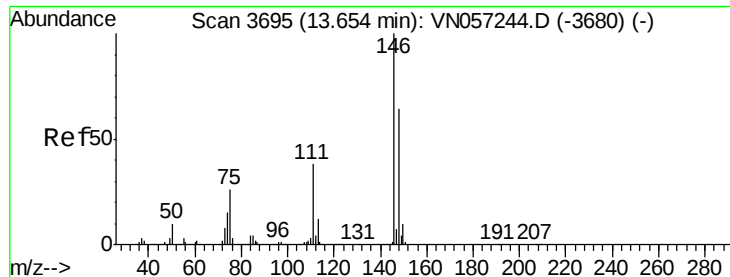
Tgt Ion: 91 Resp: 3678250
Ion Ratio Lower Upper
91 100
92 52.7 26.3 78.9
134 28.1 14.1 42.3



#90
Hexachloroethane
Concen: 99.559 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion: 117 Resp: 868049
Ion Ratio Lower Upper
117 100
201 97.1 49.5 148.5

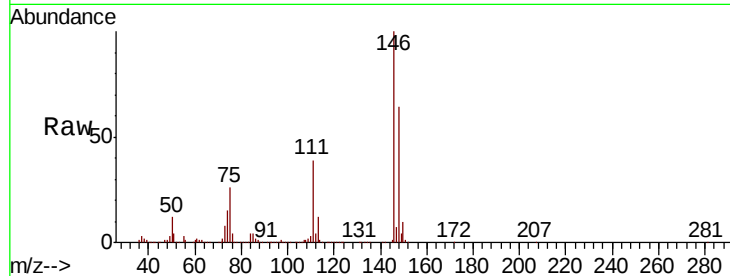




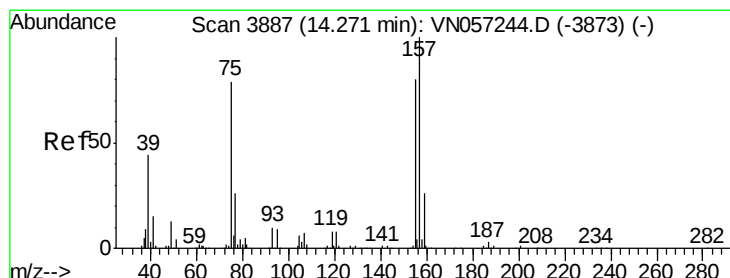
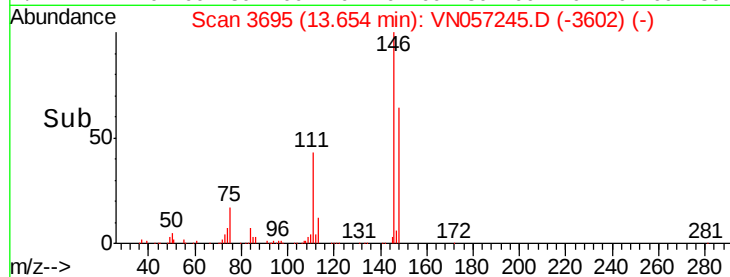
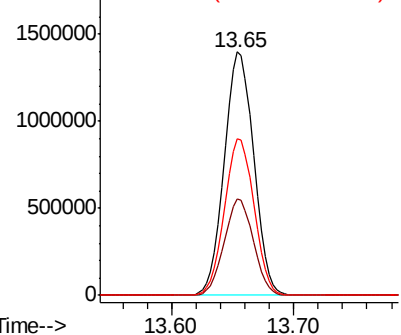
#91
 1,2-Dichlorobenzene
 Concen: 87.194 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 2329754
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.3 57.9
 148 64.5 31.9 95.5

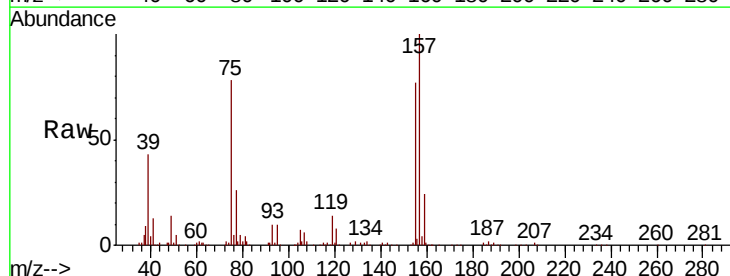


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

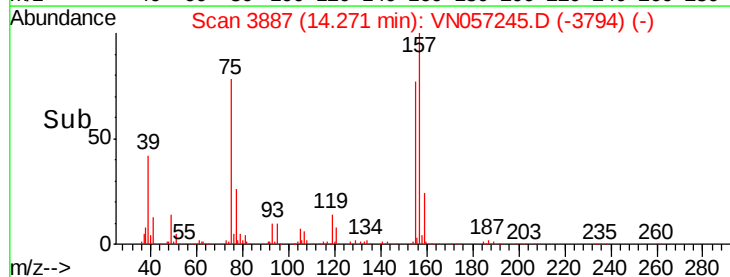
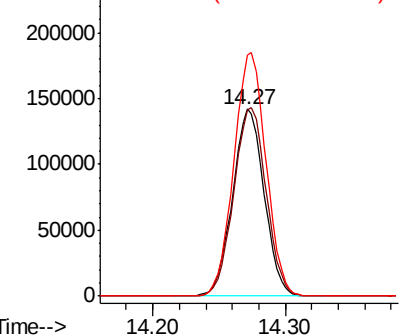


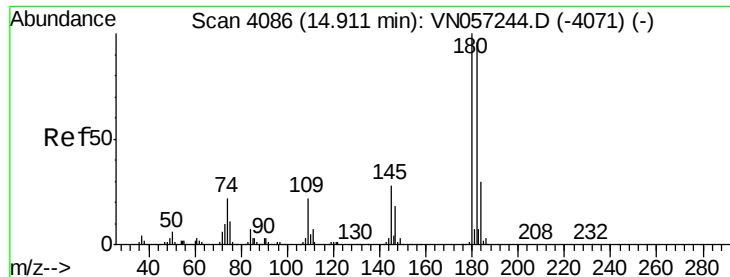
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 74.261 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion: 75 Resp: 234447
 Ion Ratio Lower Upper
 75 100
 155 103.4 50.3 151.0
 157 132.6 65.3 195.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

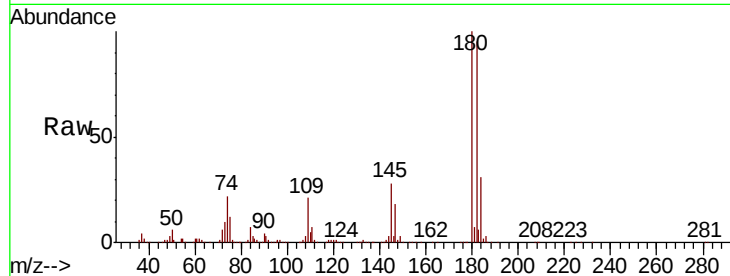




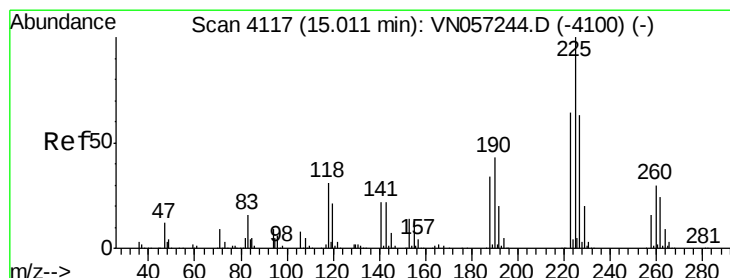
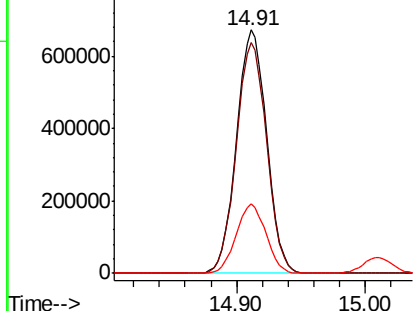
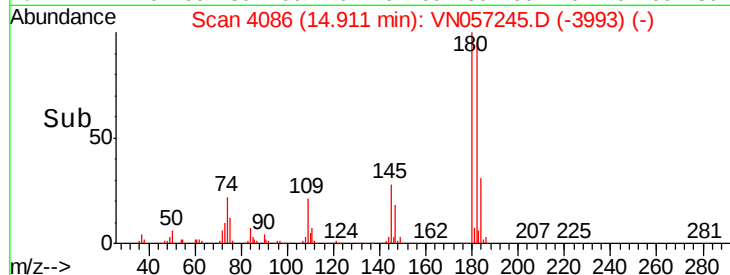
#93
 1,2,4-Trichlorobenzene
 Concen: 94.473 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 1090919
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 28.2 14.2 42.6

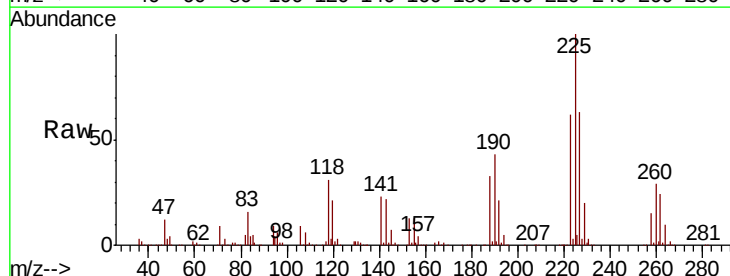


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

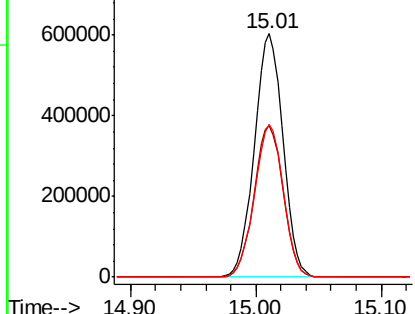
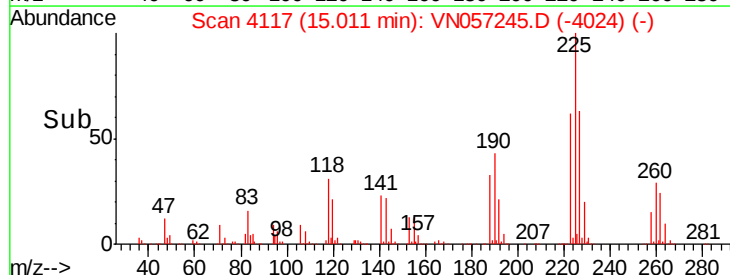


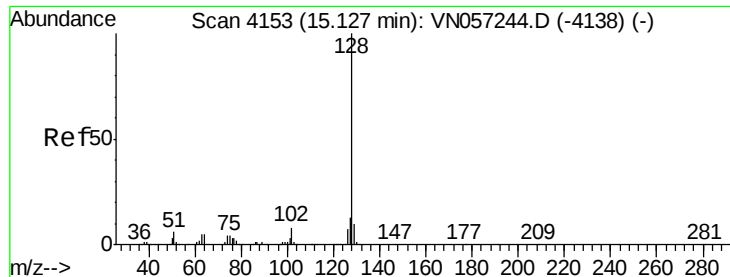
#94
 Hexachlorobutadiene
 Concen: 96.423 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN057245.D
 Acq: 13 Aug 2019 13:04

Tgt Ion:225 Resp: 956985
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.2
 227 63.2 31.4 94.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

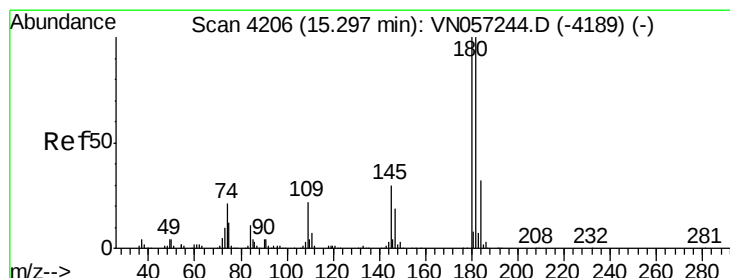
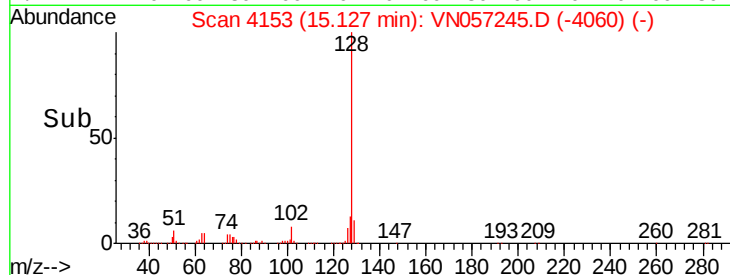
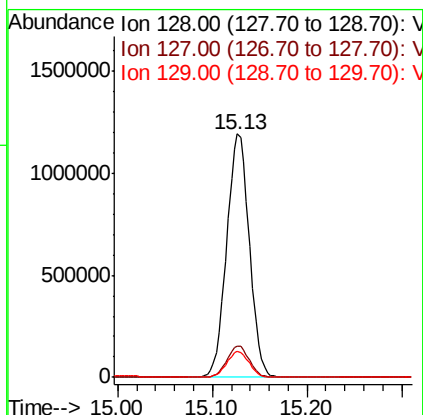
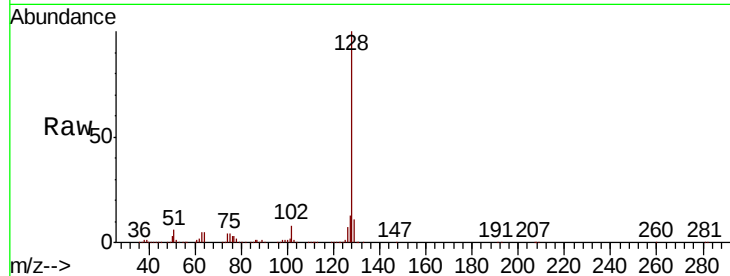




#95
Naphthalene
Concen: 66.743 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1979451
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 75.900 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN057245.D
Acq: 13 Aug 2019 13:04

Tgt Ion:180 Resp: 893710
Ion Ratio Lower Upper
180 100
182 95.1 48.9 146.7
145 29.8 15.0 45.1

