

Data File : VN057802.D
Acq On : 9 Sep 2019 15:48
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Sep 10 02:32:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 02:26:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	365297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	598497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	348742	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	373409	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	7.57	113	275791	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1114443	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	
62) 4-Bromofluorobenzene	12.40	95	395157	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	252566	44.472	ug/l	100
3) Chloromethane	2.03	50	236897	24.128	ug/l	100
4) Vinyl Chloride	2.16	62	259222	51.216	ug/l	100
5) Bromomethane	2.53	94	154061	62.281	ug/l	100
6) Chloroethane	2.67	64	162232	53.659	ug/l	100
7) Trichlorofluoromethane	2.99	101	329821	42.140	ug/l	100
8) Diethyl Ether	3.39	74	134953	43.264	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	212116	43.229	ug/l	100
10) Methyl Iodide	3.93	142	244933	49.636	ug/l	100
11) Tert butyl alcohol	4.77	59	236673	235.814	ug/l	100
12) 1,1-Dichloroethene	3.71	96	181788	41.409	ug/l	100
13) Acrolein	3.59	56	192767	356.343	ug/l	100
14) Allyl chloride	4.30	41	357776	36.478	ug/l	100
15) Acrylonitrile	4.96	53	613851	239.464	ug/l	100
16) Acetone	3.80	43	617416	228.480	ug/l	100
17) Carbon Disulfide	4.03	76	296970	31.228	ug/l	100
18) Methyl Acetate	4.30	43	320844	43.854	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	815939	43.953	ug/l	100
20) Methylene Chloride	4.53	84	241820	41.926	ug/l	100
21) trans-1,2-Dichloroethene	5.01	96	197557	42.751	ug/l	100
22) Diisopropyl ether	5.93	45	904997	42.493	ug/l	100
23) Vinyl Acetate	5.87	43	3371471	200.044	ug/l	100
24) 1,1-Dichloroethane	5.82	63	480035	43.767	ug/l	100
25) 2-Butanone	6.82	43	900487	233.411	ug/l	100
26) 2,2-Dichloropropane	6.81	77	391026	43.190	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	274065	46.416	ug/l	100
28) Bromochloromethane	7.17	49	245344	42.282	ug/l	100
29) Tetrahydrofuran	7.19	42	541904	219.488	ug/l	100
30) Chloroform	7.36	83	503014	43.953	ug/l	100
31) Cyclohexane	7.64	56	345504	36.445	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	404299	42.835	ug/l	100
36) 1,1-Dichloropropene	7.78	75	326605	42.159	ug/l	100
37) Ethyl Acetate	6.91	43	351229	45.704	ug/l	100
38) Carbon Tetrachloride	7.76	117	318437	43.307	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	346253	42.527	ug/l	100
40) Benzene	8.03	78	1017935	45.964	ug/l	100
41) Methacrylonitrile	7.16	41	161741	42.968	ug/l	100
42) 1,2-Dichloroethane	8.11	62	411931	40.574	ug/l	100
43) Isopropyl Acetate	8.15	43	613199	41.788	ug/l	100
44) Trichloroethene	8.83	130	247326	49.388	ug/l	100
45) 1,2-Dichloropropane	9.11	63	301402	48.464	ug/l	100
46) Dibromomethane	9.20	93	182646	46.213	ug/l	100
47) Bromodichloromethane	9.40	83	392521	46.769	ug/l	100
48) Methyl methacrylate	9.19	41	310242	41.134	ug/l	100
49) 1,4-Dioxane	9.19	88	102201	1112.459	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1953309	236.587	ug/l	100
52) Toluene	10.15	92	651790	48.207	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	419316	49.521	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	454406	49.506	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	287004	52.019	ug/l	100
56) Ethyl methacrylate	10.43	69	447185	51.201	ug/l	100
57) 1,3-Dichloropropane	10.71	76	490920	49.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1152445	259.785	ug/l	100
59) 2-Hexanone	10.75	43	1468134	250.024	ug/l	100
60) Dibromochloromethane	10.90	129	286442	53.890	ug/l	100
61) 1,2-Dibromoethane	11.00	107	272228	51.806	ug/l	100
64) Tetrachloroethene	10.63	164	198912	45.337	ug/l	100
65) Chlorobenzene	11.43	112	745072	49.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	274562	52.865	ug/l	100
67) Ethyl Benzene	11.51	91	1336992	47.233	ug/l	100
68) m/p-Xylenes	11.62	106	984280	99.960	ug/l	100
69) o-Xylene	11.95	106	495793	50.627	ug/l	100
70) Styrene	11.96	104	878056	51.660	ug/l	100
71) Bromoform	12.13	173	182747	54.641	ug/l	100
73) Isopropylbenzene	12.25	105	1372264	45.402	ug/l	100
74) N-amyl acetate	12.07	43	616140	41.571	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	453602	49.216	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	547065	68.806	ug/l #	100
77) Bromobenzene	12.53	156	318484	47.967	ug/l	100
78) n-propylbenzene	12.59	91	1608292	45.018	ug/l	100
79) 2-Chlorotoluene	12.68	91	959975	44.052	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1177965	45.792	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	122385	48.150	ug/l	100
82) 4-Chlorotoluene	12.78	91	1013829	45.060	ug/l	100
83) tert-Butylbenzene	13.00	119	1034611	47.301	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1200465	47.063	ug/l	100
85) sec-Butylbenzene	13.17	105	1402159	46.746	ug/l	100
86) p-Isopropyltoluene	13.29	119	1269697	49.601	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	620850	49.539	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	617951	49.296	ug/l	100
89) n-Butylbenzene	13.62	91	1183267	47.155	ug/l	100
90) Hexachloroethane	13.88	117	190282	48.140	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	619154	50.236	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	81118	45.935	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091019\
Quantitation Report (Not Reviewed)

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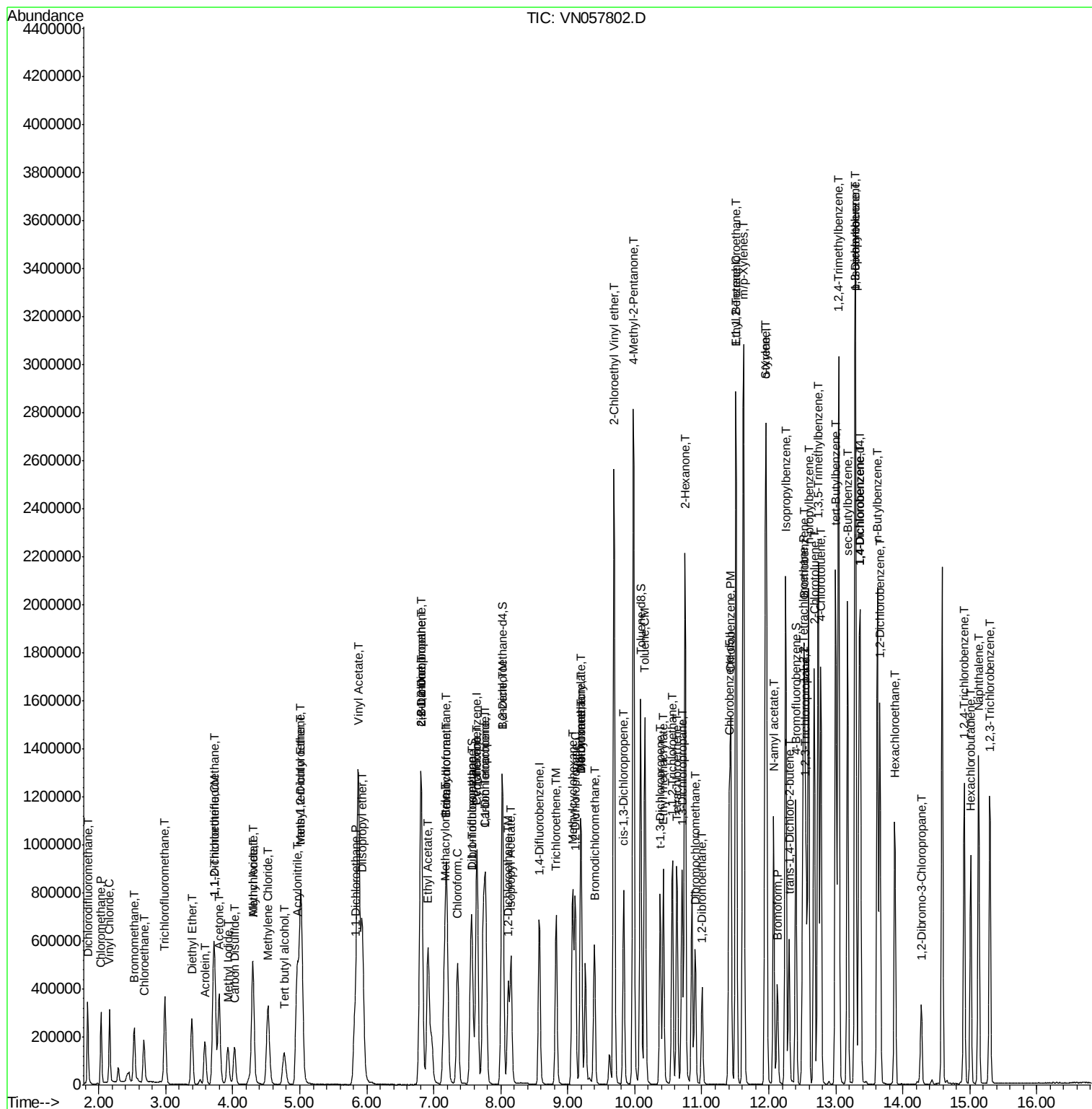
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	378373	51.403	ug/l	100
94) Hexachlorobutadiene	15.01	225	161920	45.913	ug/l	100
95) Naphthalene	15.13	128	1089819	50.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	351152	49.918	ug/l	100

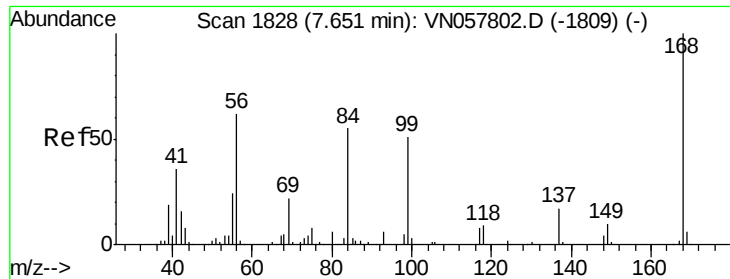
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

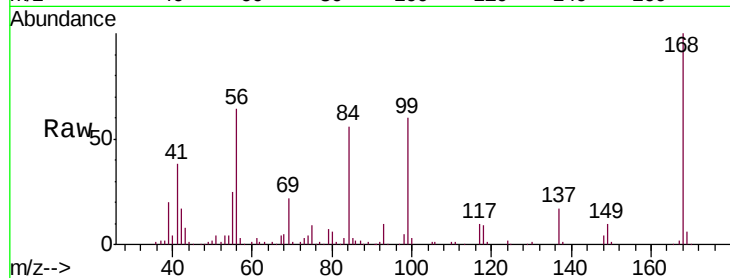
VSTDICCC050

Tgt Ion:168 Resp: 365297

Ion Ratio Lower Upper

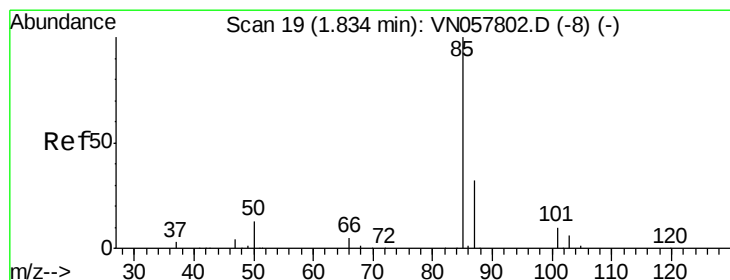
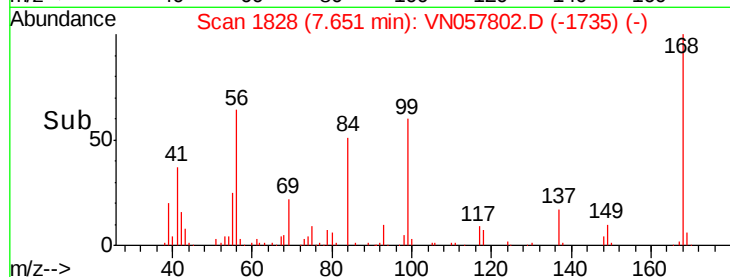
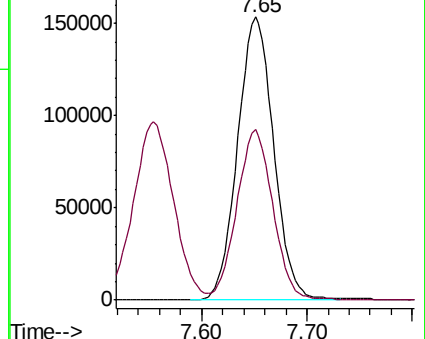
168 100

99 60.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.472 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057802.D

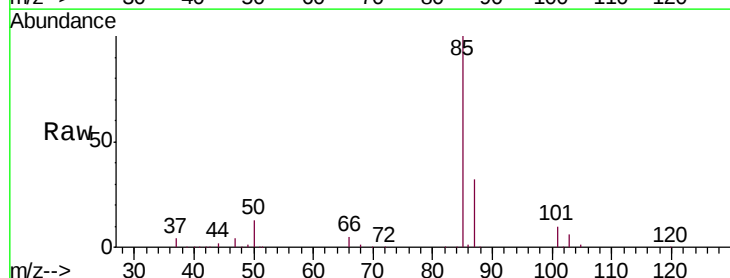
Acq: 9 Sep 2019 15:48

Tgt Ion: 85 Resp: 252566

Ion Ratio Lower Upper

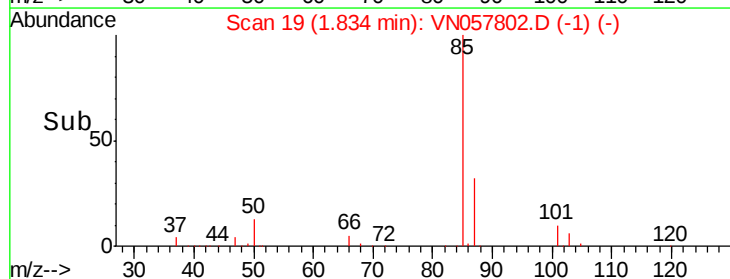
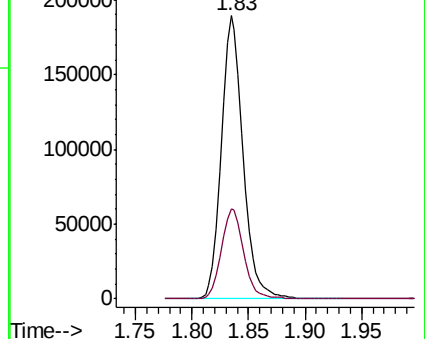
85 100

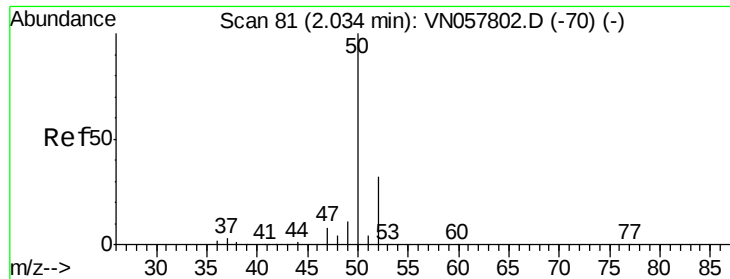
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

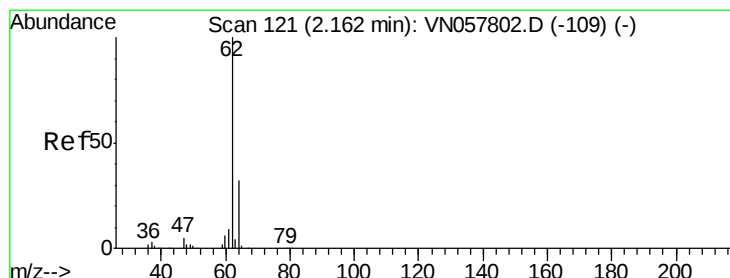
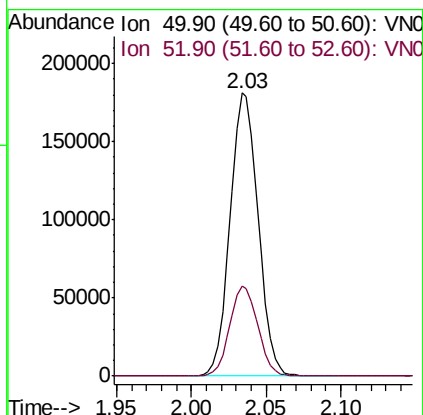
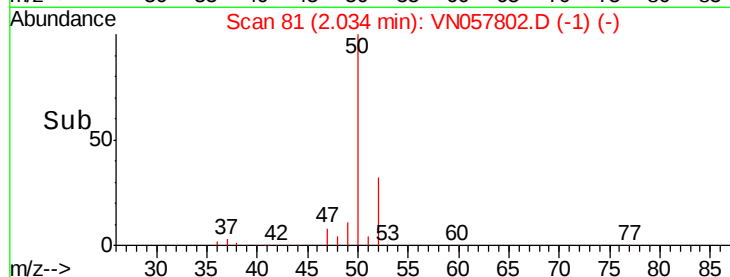
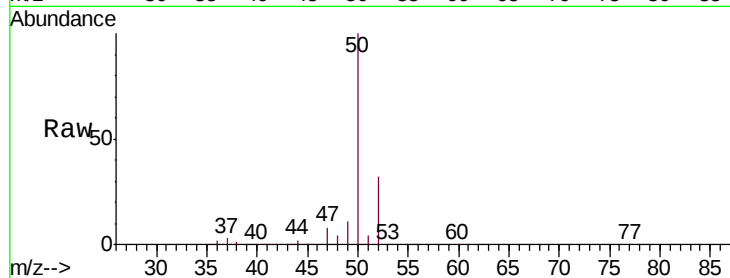




#3
Chloromethane
Concen: 24.128 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

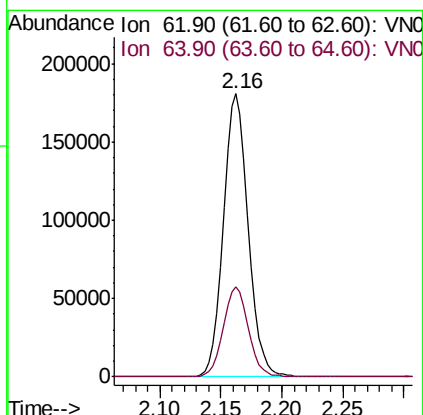
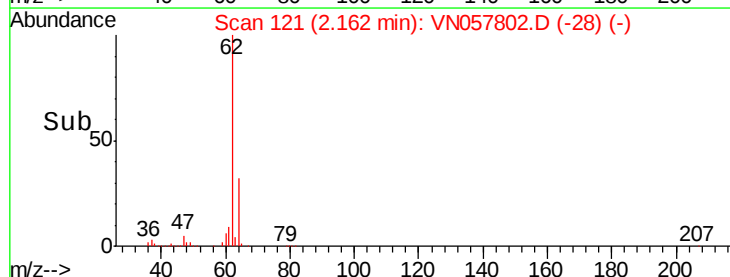
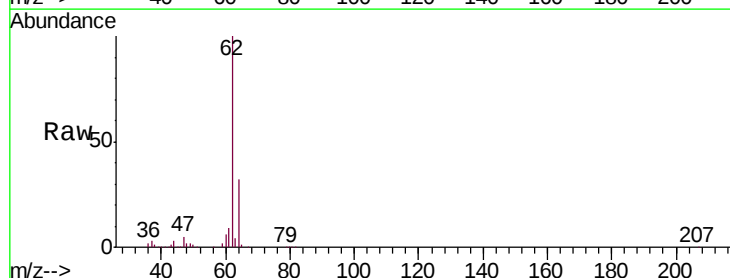
Instrument :
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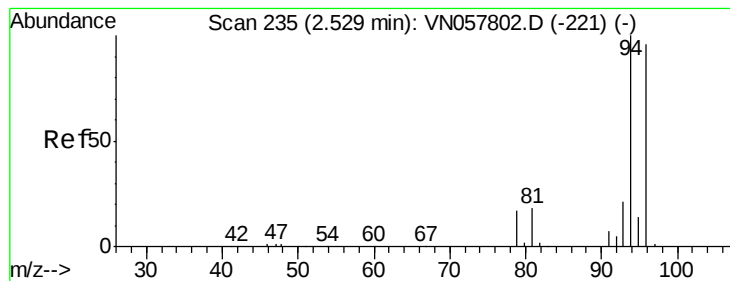
Tgt Ion: 50 Resp: 236897
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 51.216 ug/l
RT: 2.16 min Scan# 121
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 62 Resp: 259222
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 62.281 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

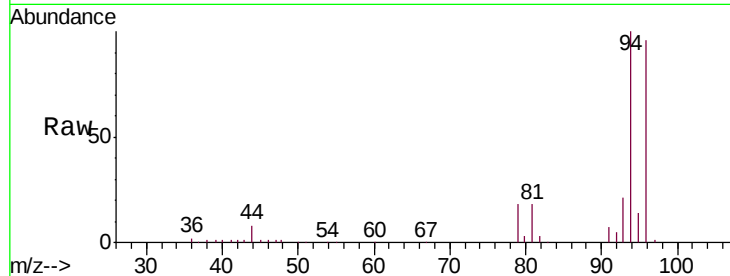
VSTDICCC050

Tgt Ion: 94 Resp: 154061

Ion Ratio Lower Upper

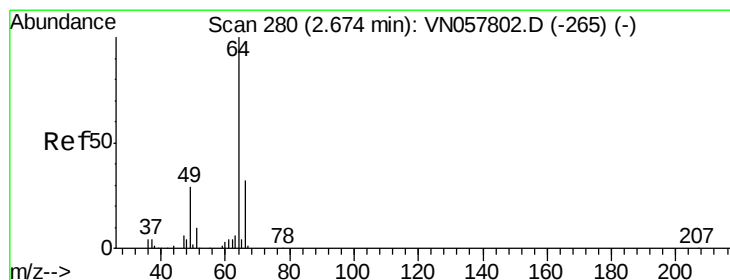
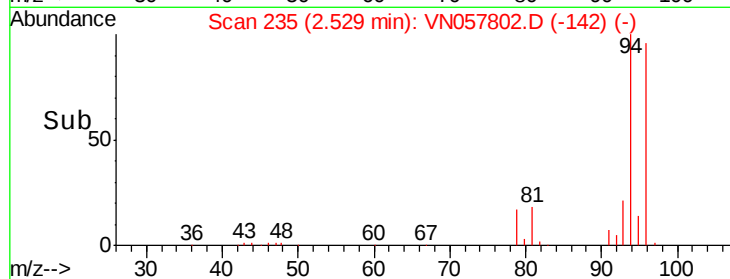
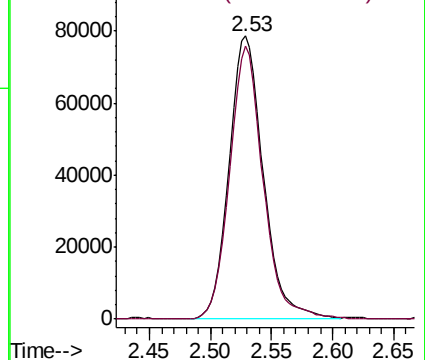
94 100

96 96.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 53.659 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN057802.D

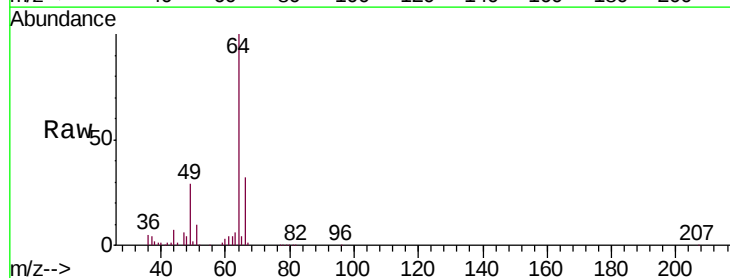
Acq: 9 Sep 2019 15:48

Tgt Ion: 64 Resp: 162232

Ion Ratio Lower Upper

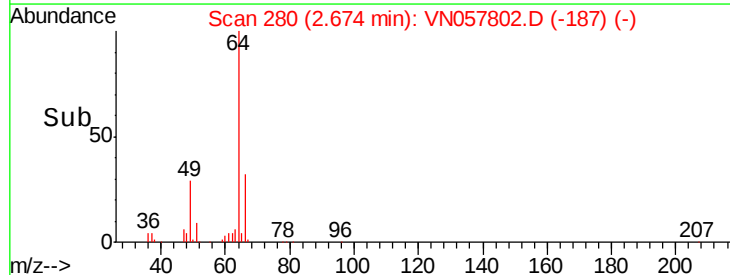
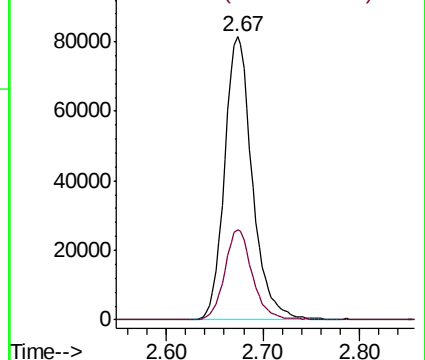
64 100

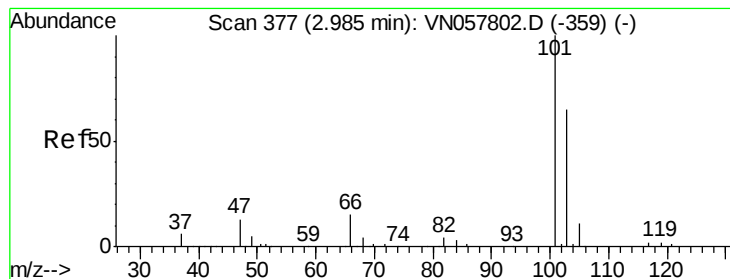
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



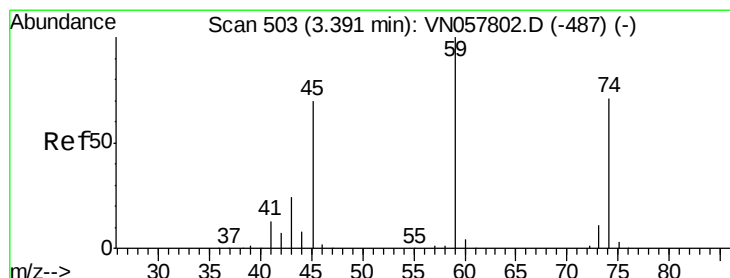
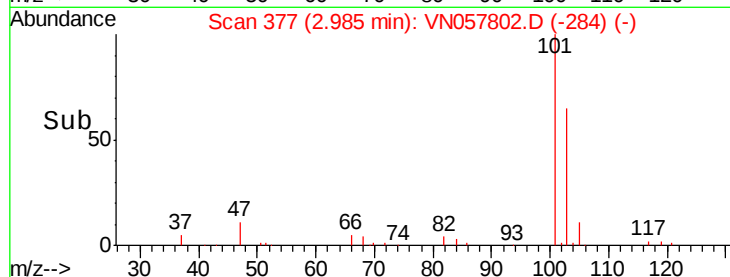
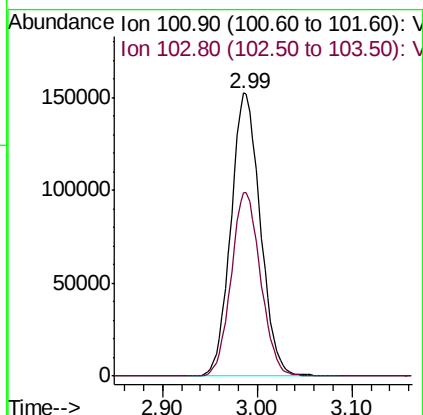
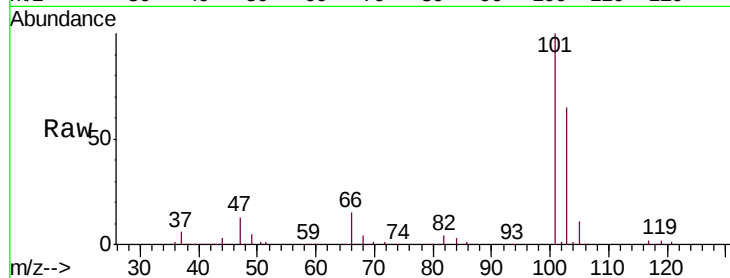


#7

Trichlorofluoromethane
 Concen: 42.140 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

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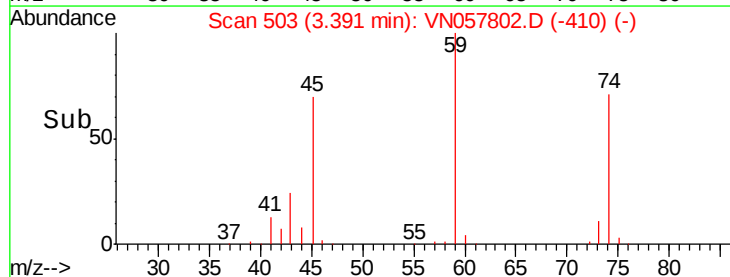
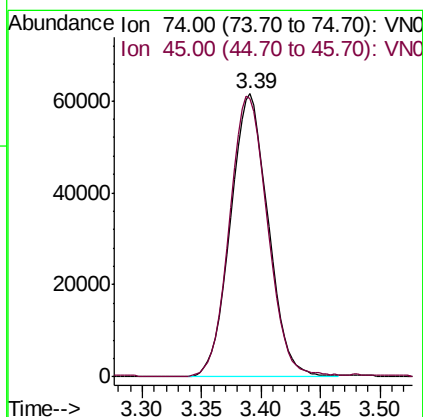
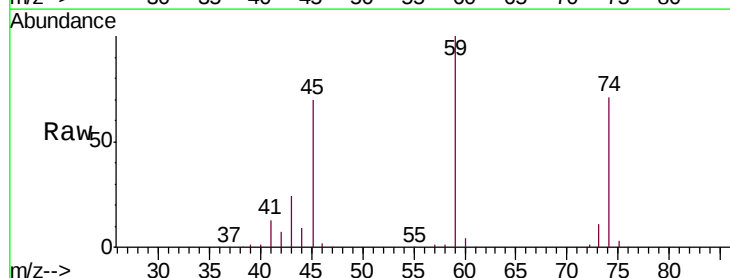
Tgt Ion:101 Resp: 329821
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9

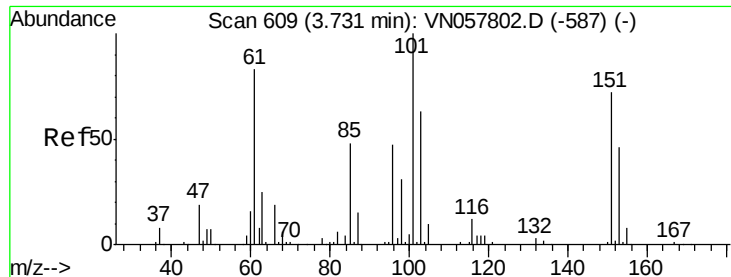


#8

Diethyl Ether
 Concen: 43.264 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 74 Resp: 134953
 Ion Ratio Lower Upper
 74 100
 45 100.7 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.229 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

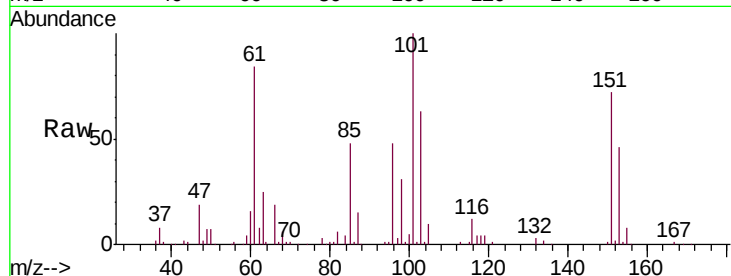
Tgt Ion:101 Resp: 212116

Ion Ratio Lower Upper

101 100

85 47.6 38.1 57.1

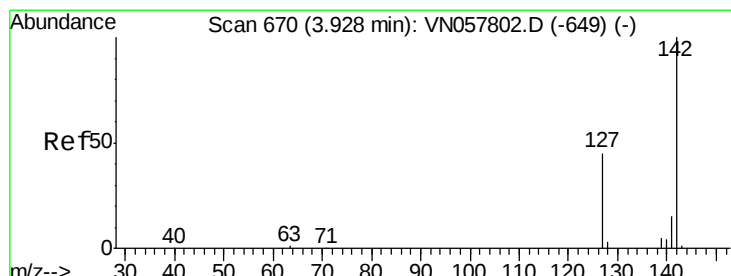
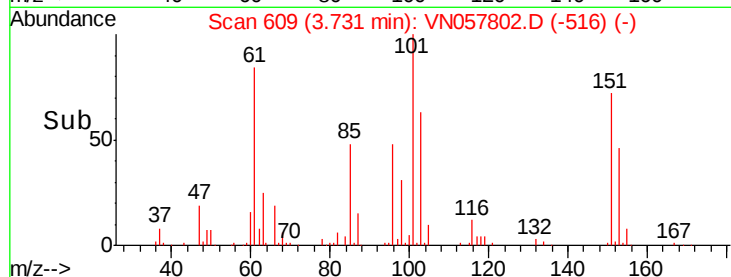
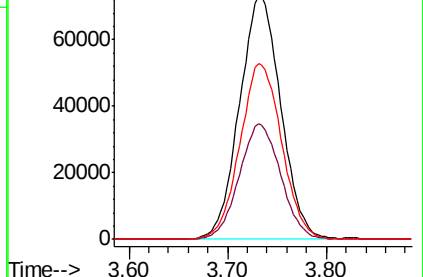
151 73.0 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.636 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

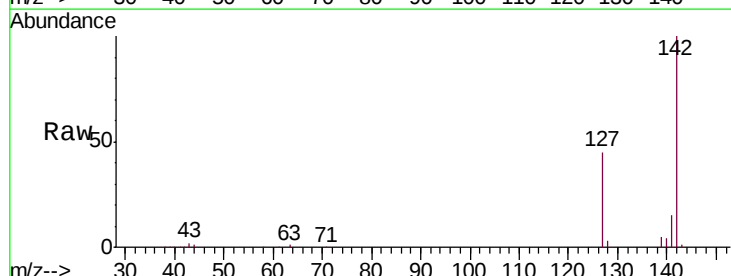
Tgt Ion:142 Resp: 244933

Ion Ratio Lower Upper

142 100

127 45.9 36.7 55.1

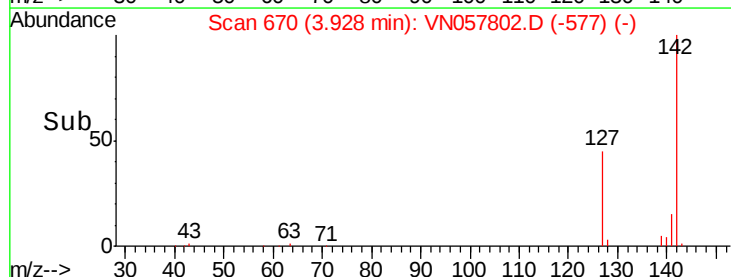
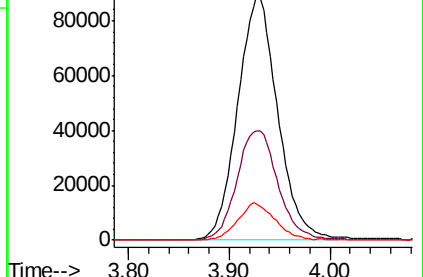
141 14.2 11.4 17.0

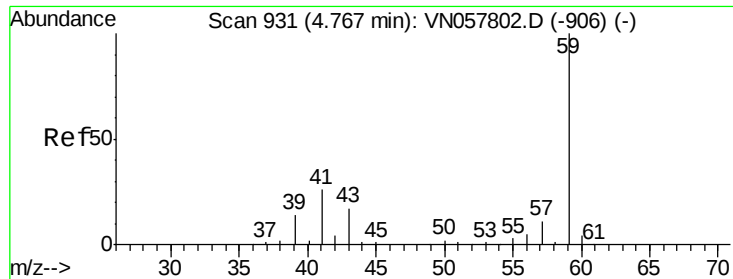


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

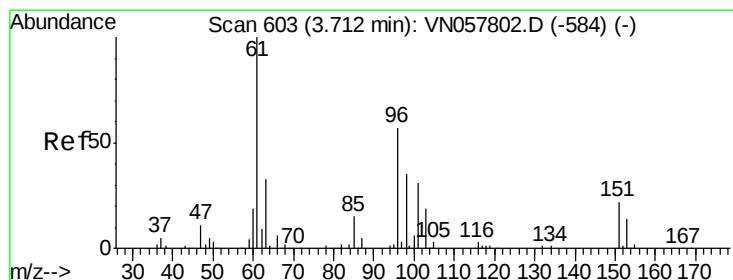
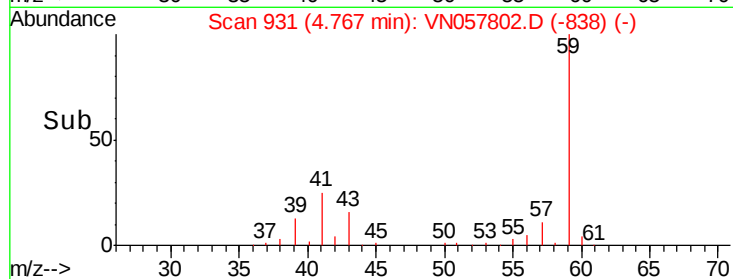
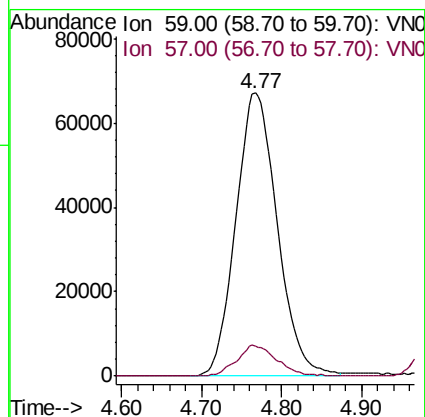
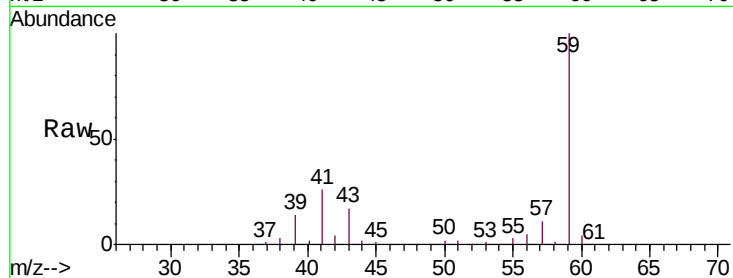




#11
Tert butyl alcohol
Concen: 235.814 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

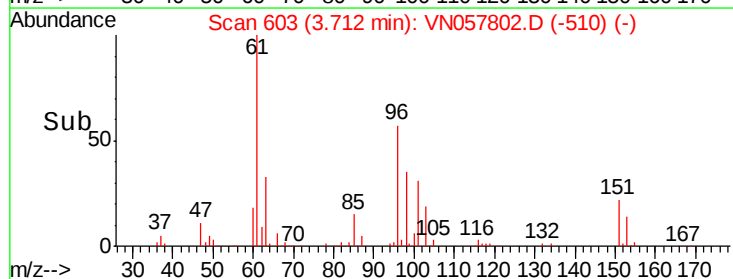
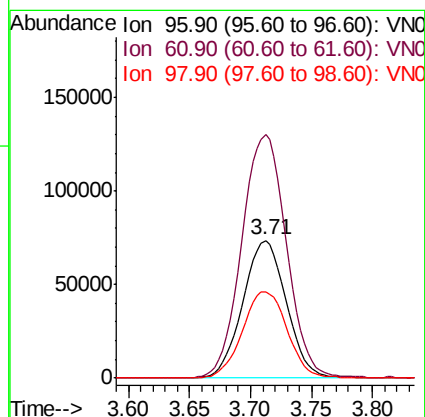
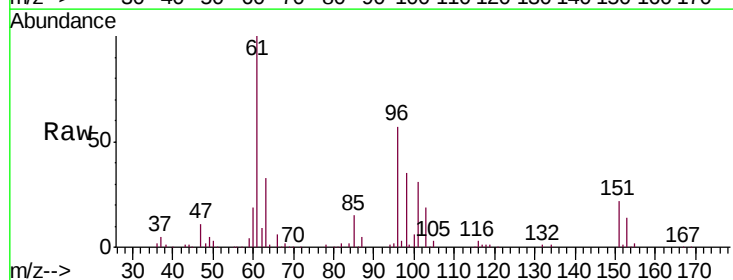
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

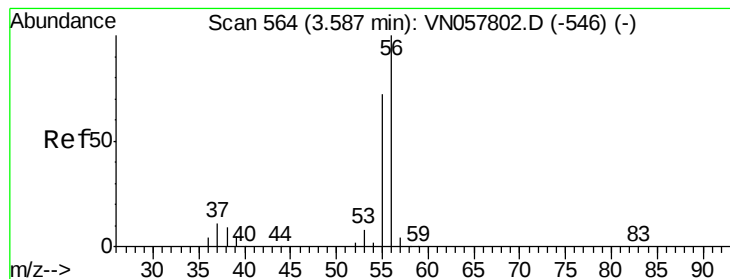
Tgt Ion: 59 Resp: 236673
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 41.409 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 96 Resp: 181788
Ion Ratio Lower Upper
96 100
61 176.5 141.2 211.8
98 62.4 49.9 74.9





#13

Acrolein

Concen: 356.343 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

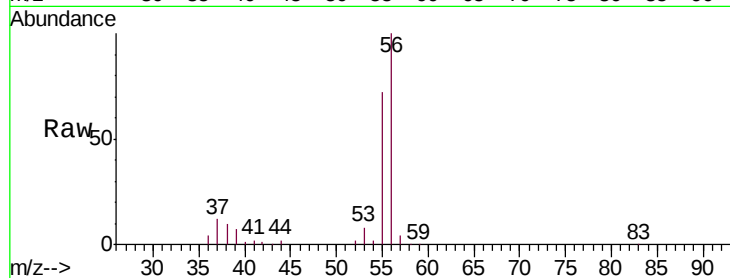
VSTDICCC050

Tgt Ion: 56 Resp: 192767

Ion Ratio Lower Upper

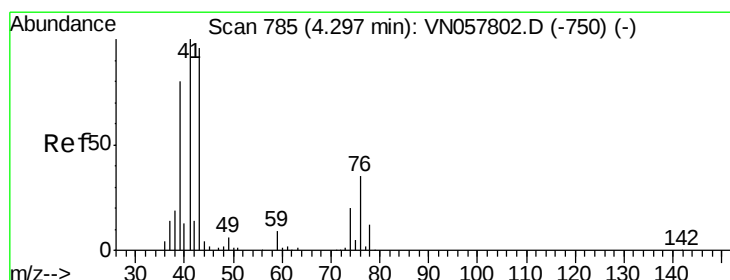
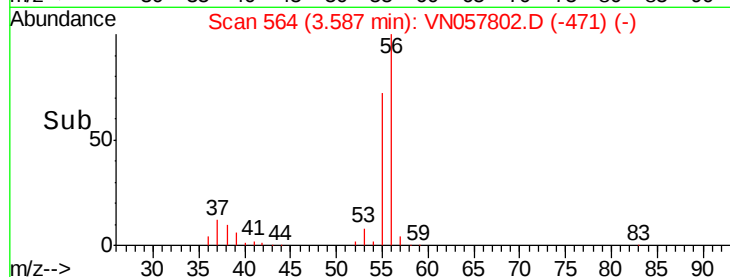
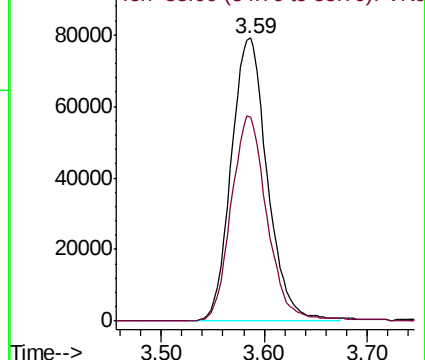
56 100

55 71.6 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 36.478 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

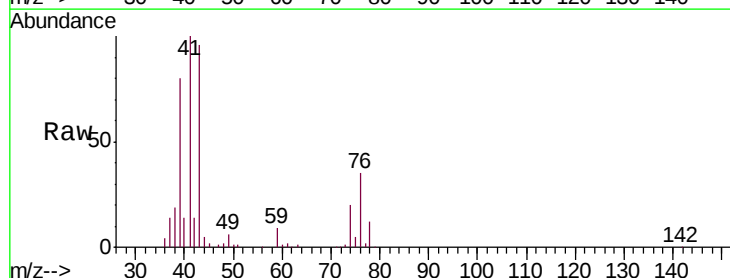
Tgt Ion: 41 Resp: 357776

Ion Ratio Lower Upper

41 100

39 74.3 59.4 89.2

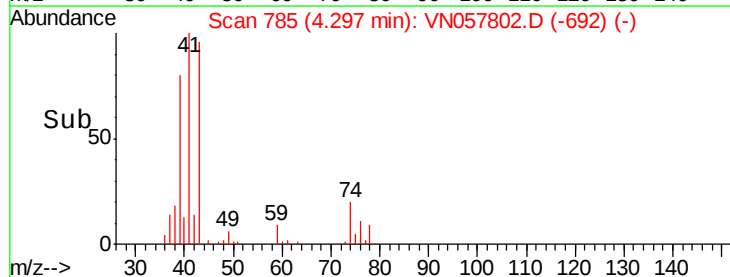
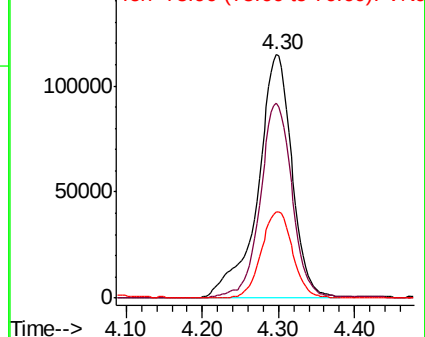
76 32.5 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 239.464 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

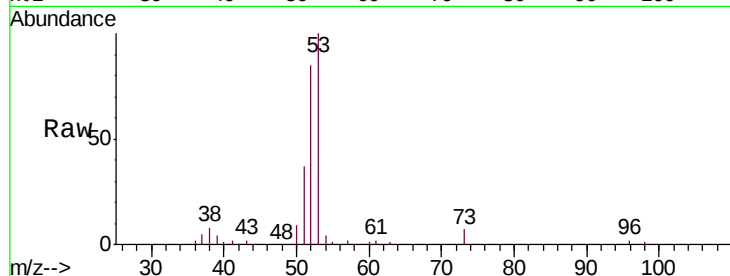
Tgt Ion: 53 Resp: 613851

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

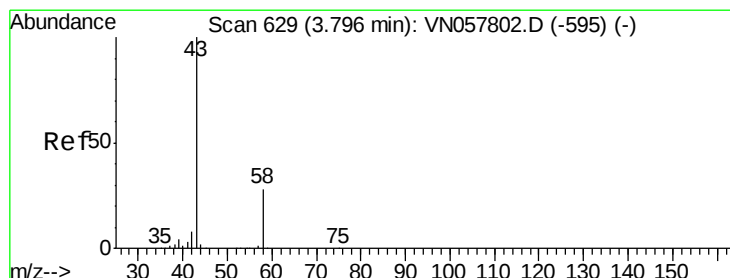
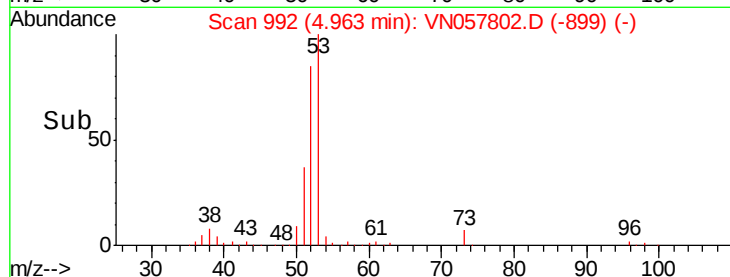
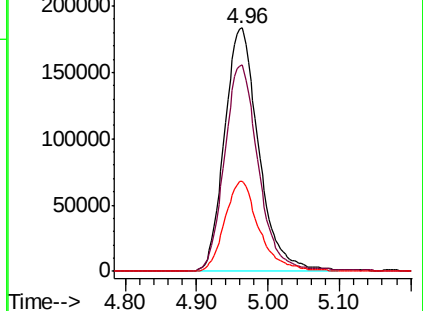
51 37.3 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)



#16

Acetone

Concen: 228.480 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057802.D

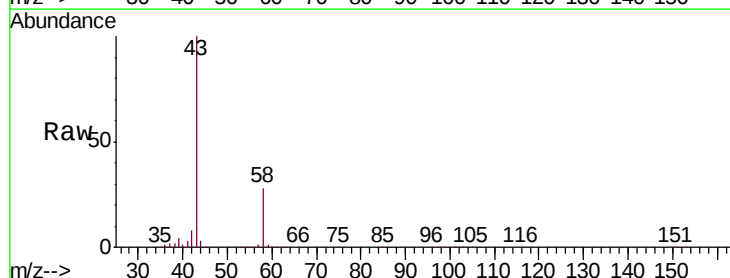
Acq: 9 Sep 2019 15:48

Tgt Ion: 43 Resp: 617416

Ion Ratio Lower Upper

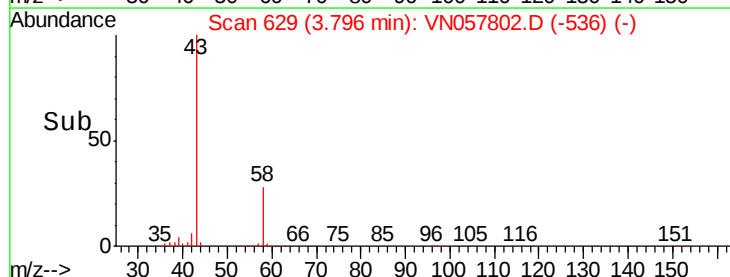
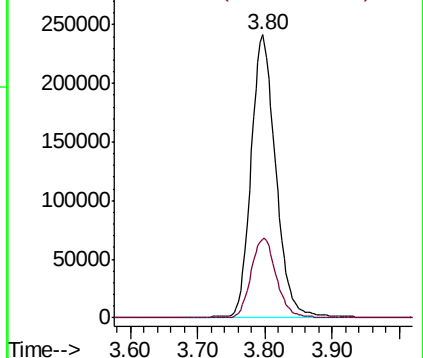
43 100

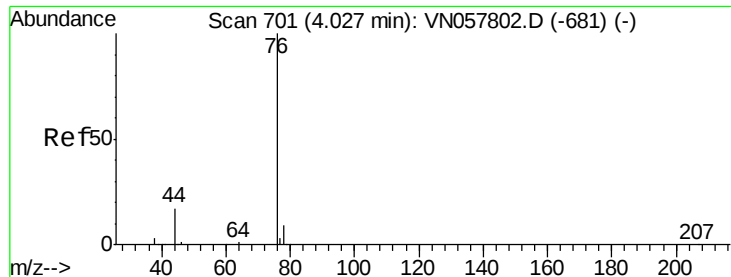
58 27.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

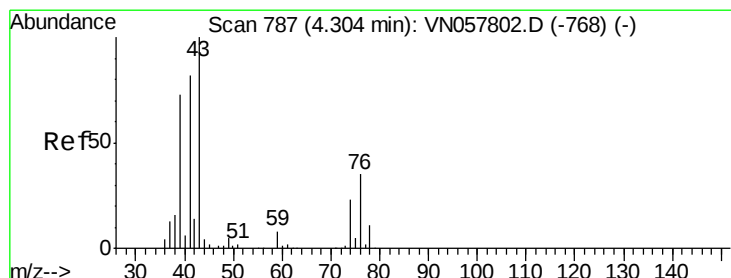
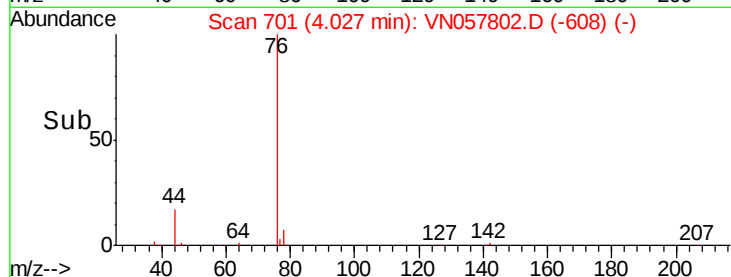
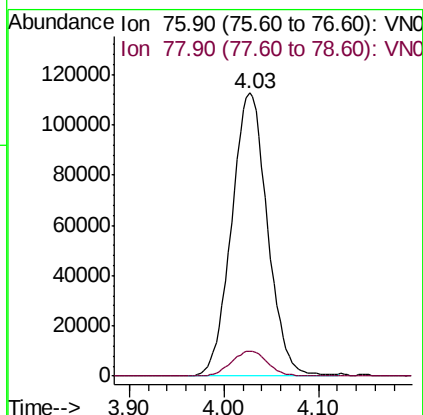
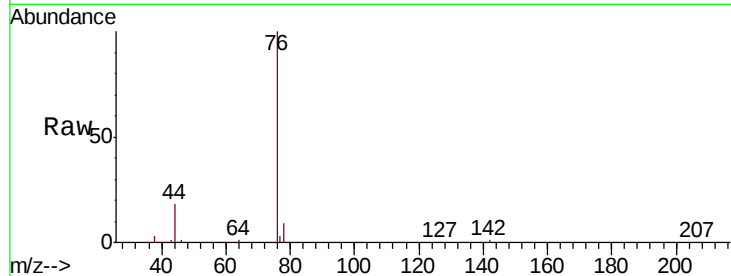




#17
Carbon Disulfide
Concen: 31.228 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

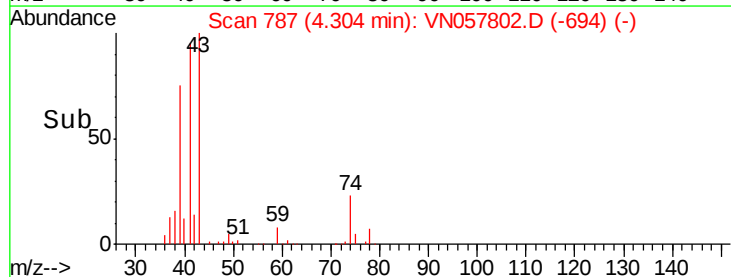
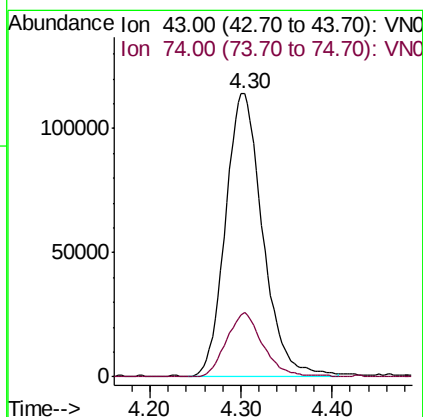
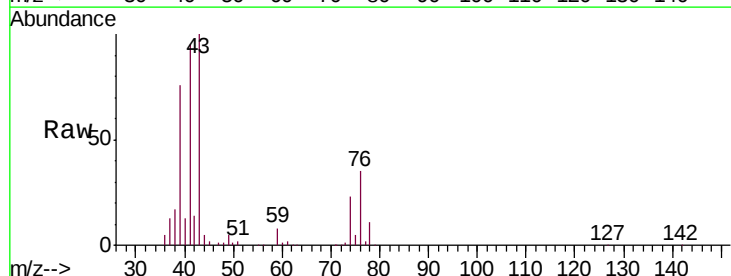
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

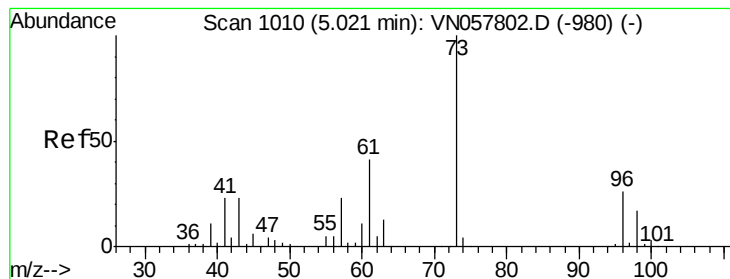
Tgt Ion: 76 Resp: 296970
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 43.854 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 43 Resp: 320844
Ion Ratio Lower Upper
43 100
74 22.4 17.9 26.9



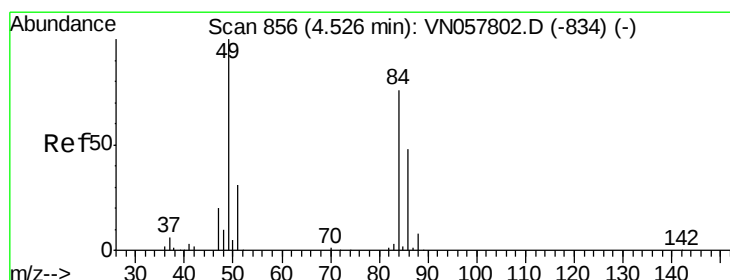
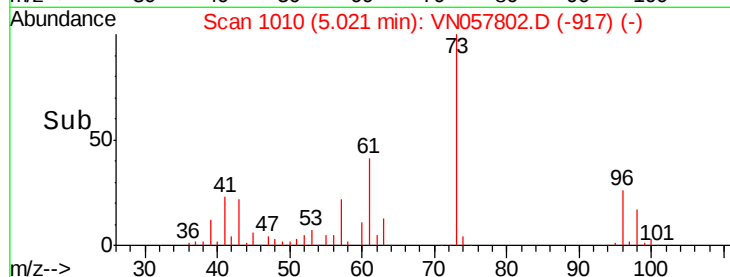
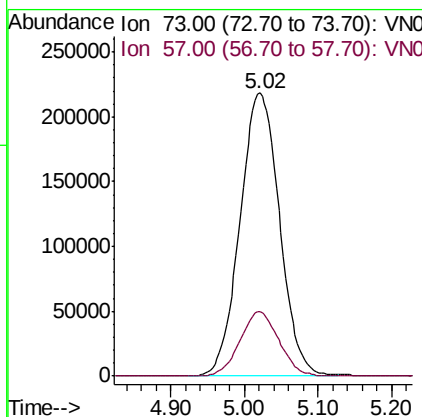
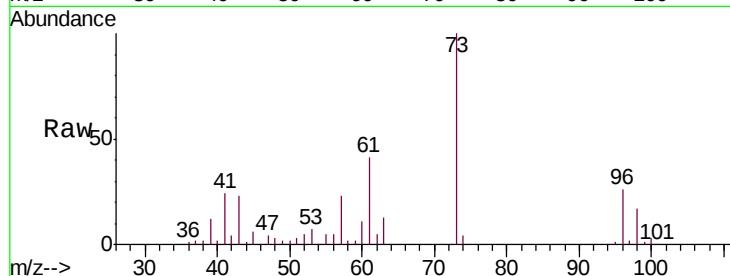


#19

Methyl tert-butyl Ether
 Concen: 43.953 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

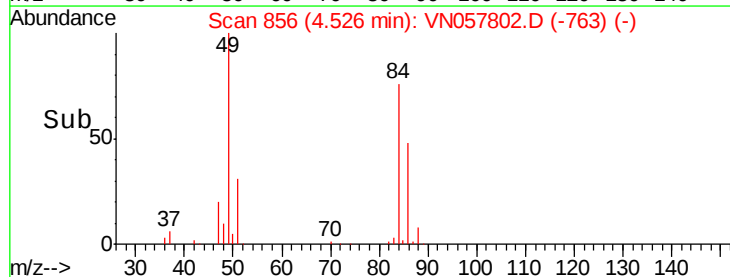
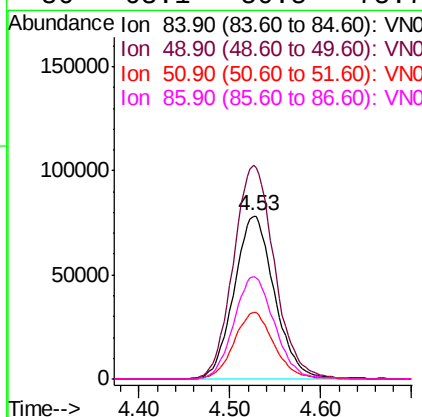
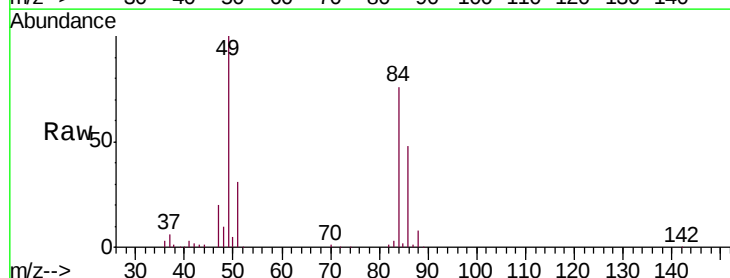
Tgt Ion: 73 Resp: 815939
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.2 27.2

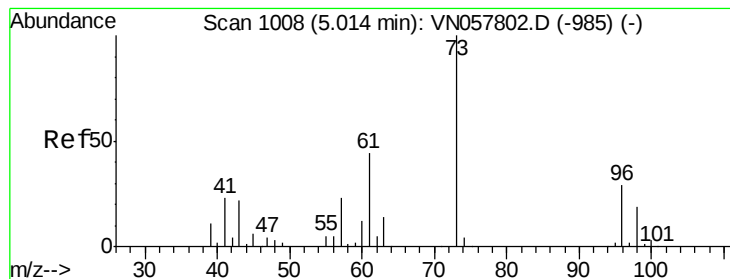


#20

Methylene Chloride
 Concen: 41.926 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 84 Resp: 241820
 Ion Ratio Lower Upper
 84 100
 49 131.0 104.8 157.2
 51 41.2 33.0 49.4
 86 63.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 42.751 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

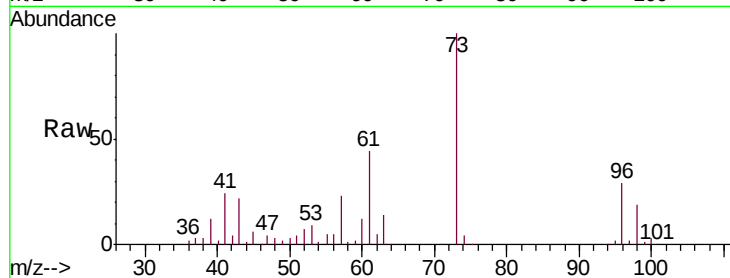
Tgt Ion: 96 Resp: 197557

Ion Ratio Lower Upper

96 100

61 152.4 121.9 182.9

98 65.3 52.2 78.4

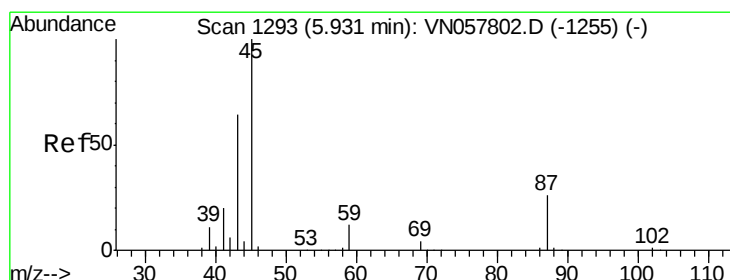
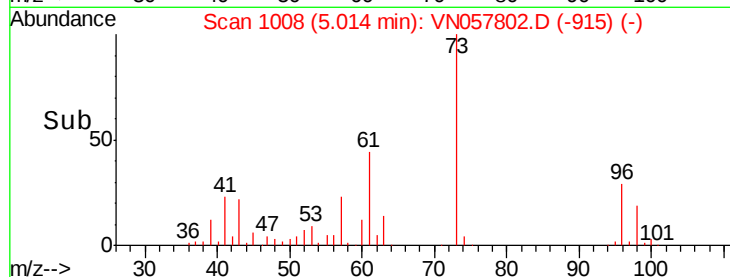
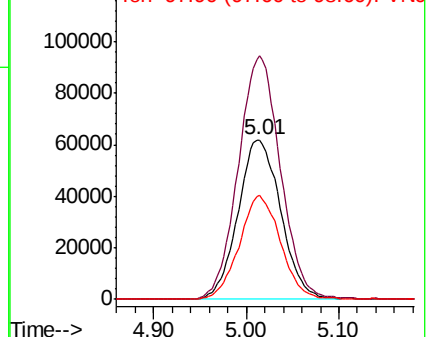


Abundance

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: 42.493 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Tgt Ion: 45 Resp: 904997

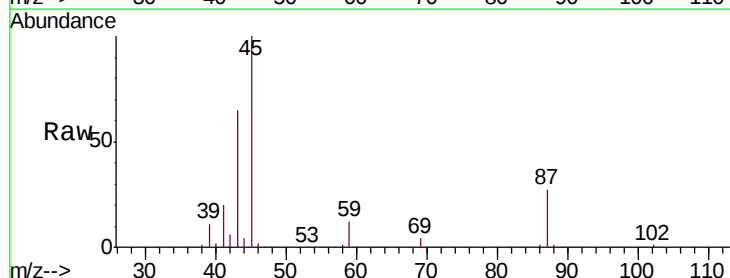
Ion Ratio Lower Upper

45 100

43 64.3 51.4 77.2

87 26.6 21.3 31.9

59 11.6 9.3 13.9



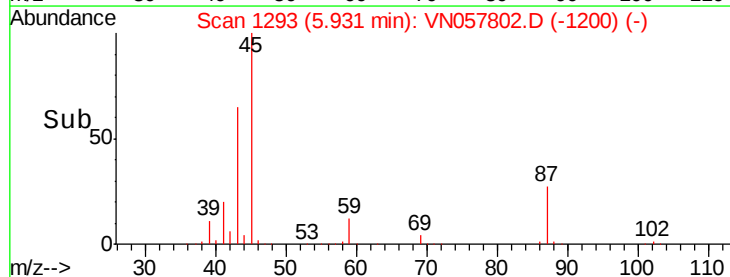
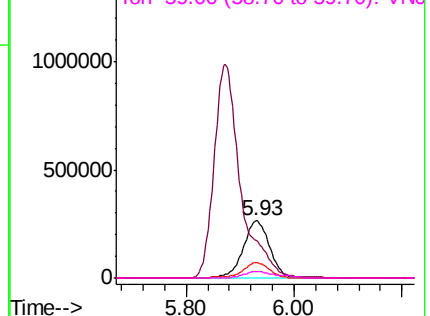
Abundance

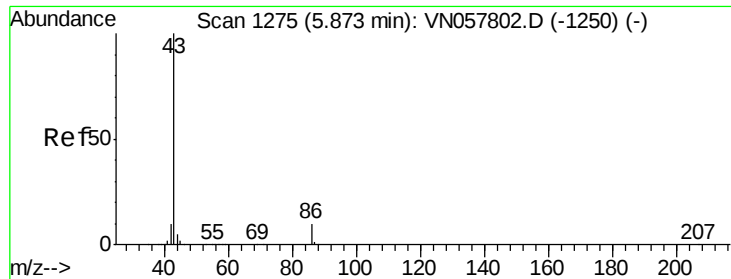
Ion 45.00 (44.70 to 45.70): VN0

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: 200.044 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampled :

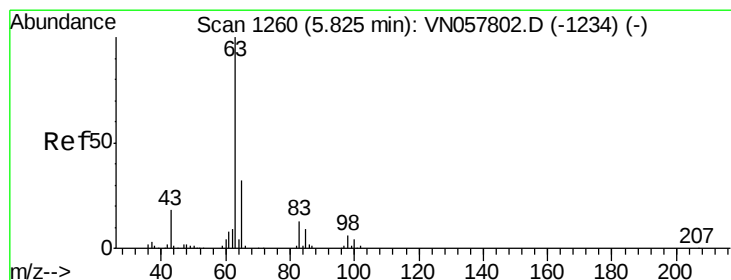
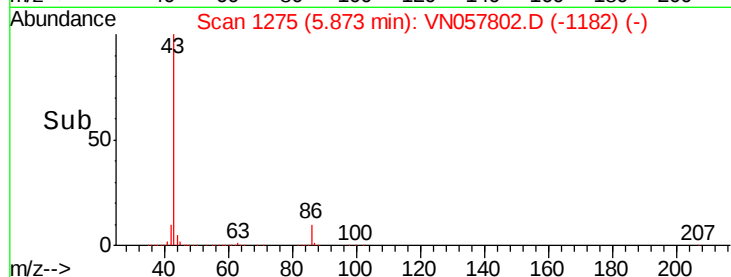
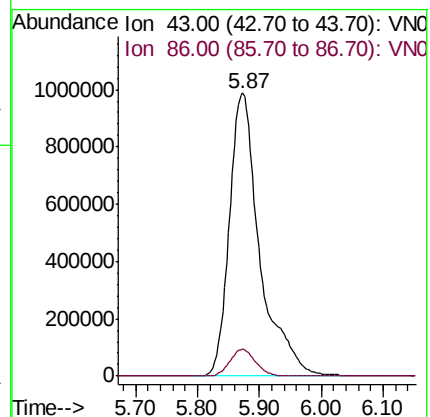
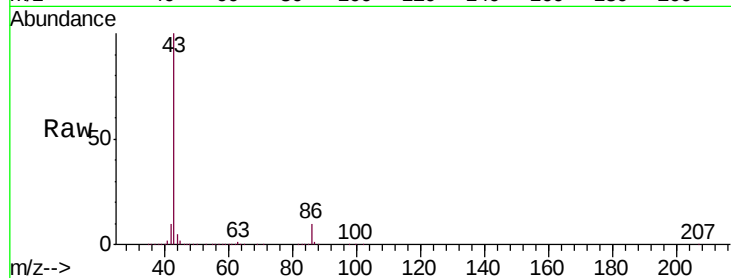
VSTDICCC050

Tgt Ion: 43 Resp: 3371471

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 43.767 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

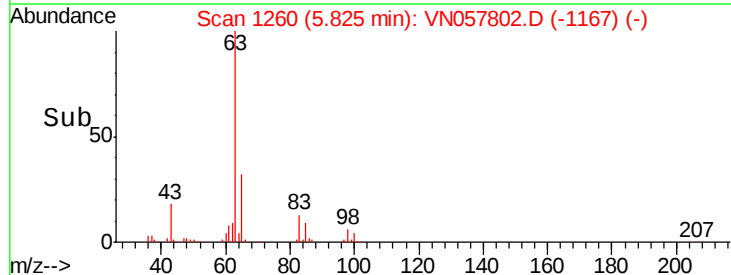
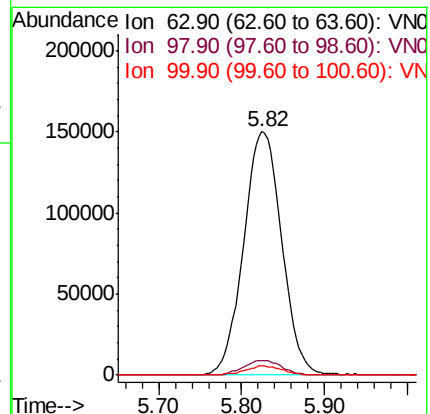
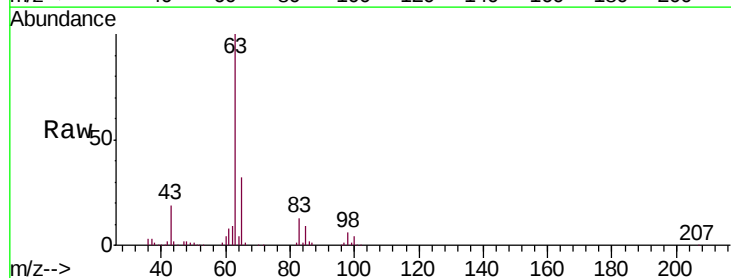
Tgt Ion: 63 Resp: 480035

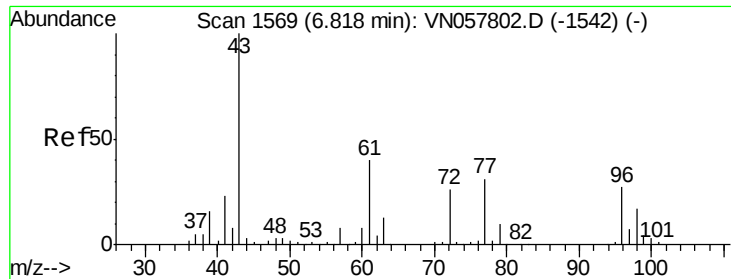
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 233.411 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

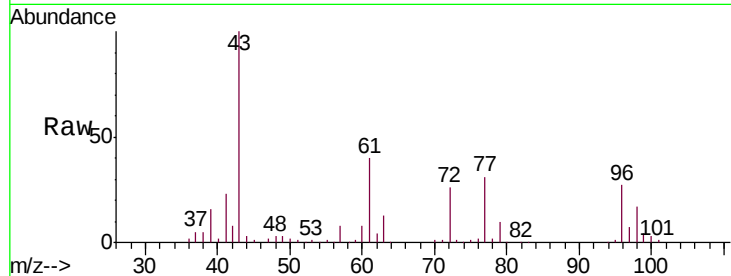
VSTDICCC050

Tgt Ion: 43 Resp: 900487

Ion Ratio Lower Upper

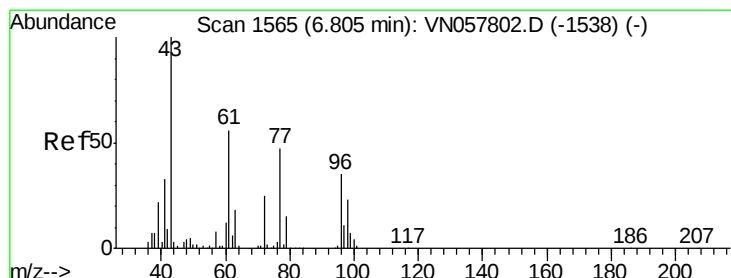
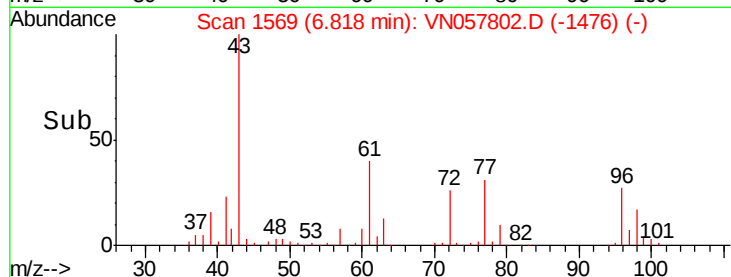
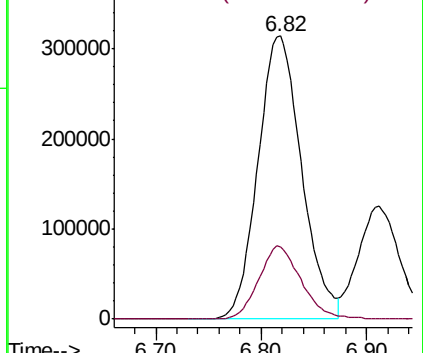
43 100

72 25.7 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 43.190 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057802.D

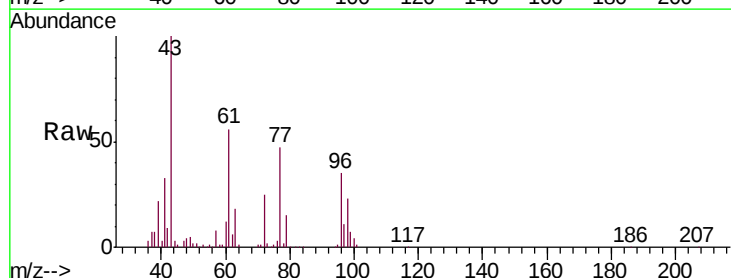
Acq: 9 Sep 2019 15:48

Tgt Ion: 77 Resp: 391026

Ion Ratio Lower Upper

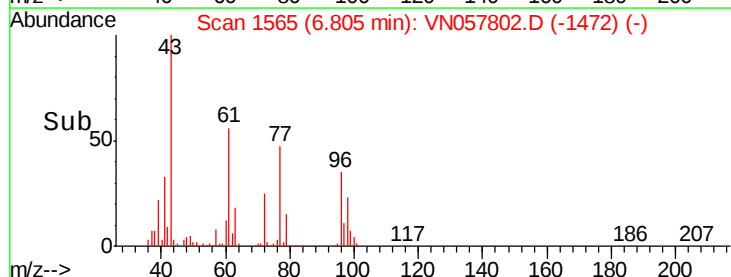
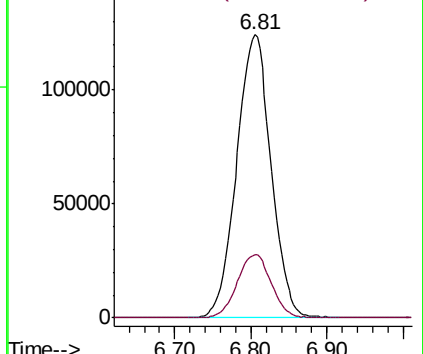
77 100

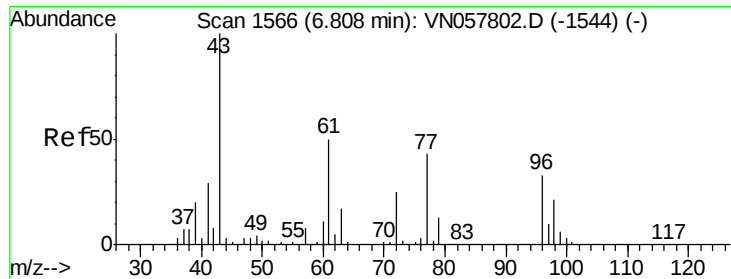
97 22.2 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 46.416 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

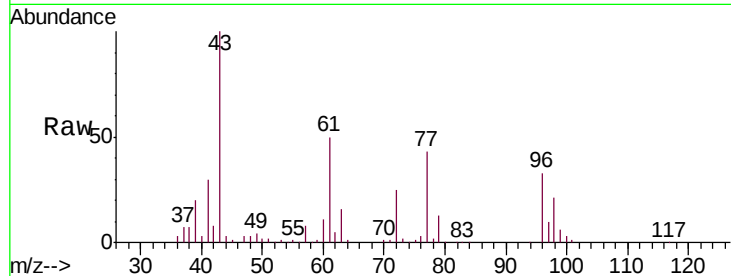
Tgt Ion: 96 Resp: 274065

Ion Ratio Lower Upper

96 100

61 157.0 0.0 314.0

98 64.3 0.0 128.6

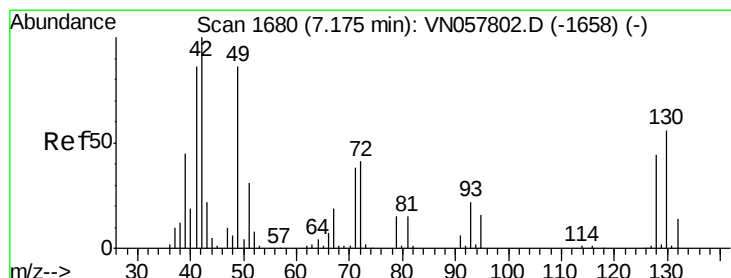
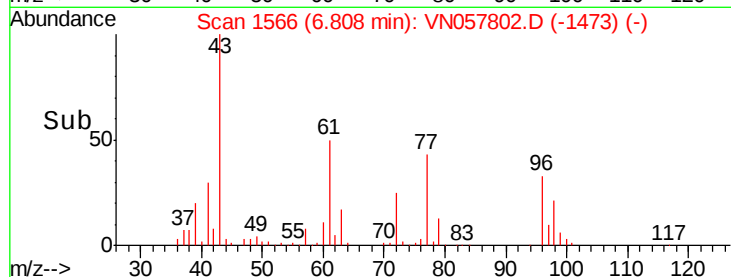
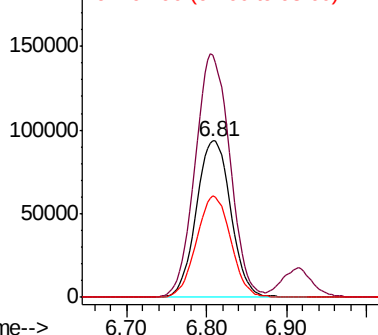


Abundance

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: 42.282 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

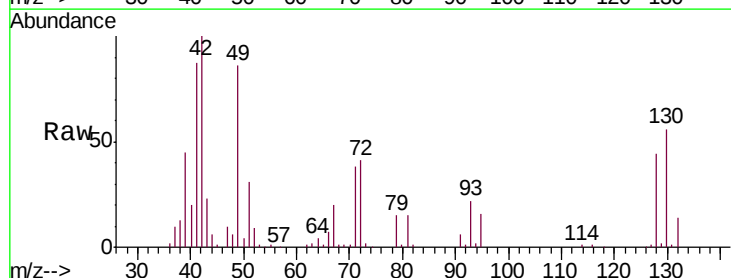
Tgt Ion: 49 Resp: 245344

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 66.3 53.0 79.6

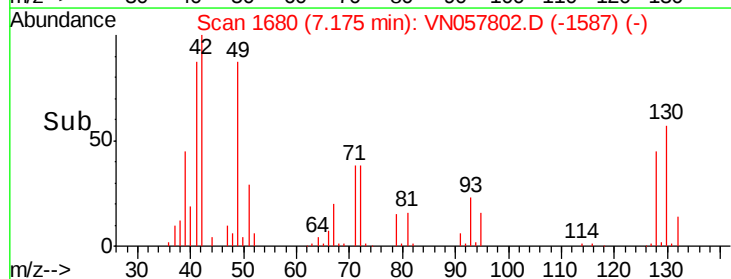
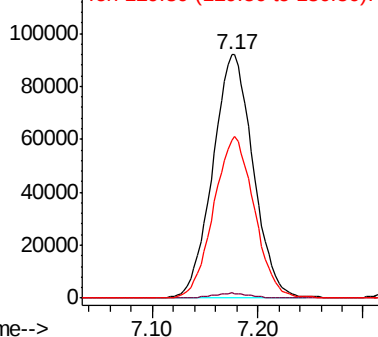


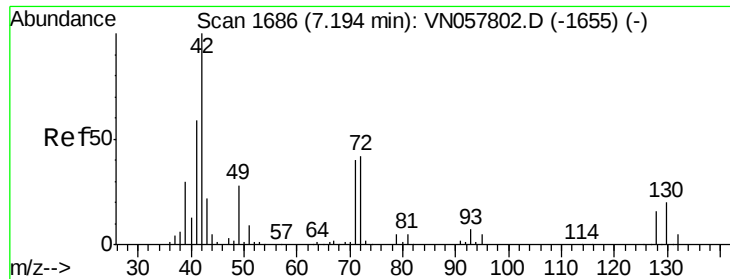
Abundance

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: 219.488 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

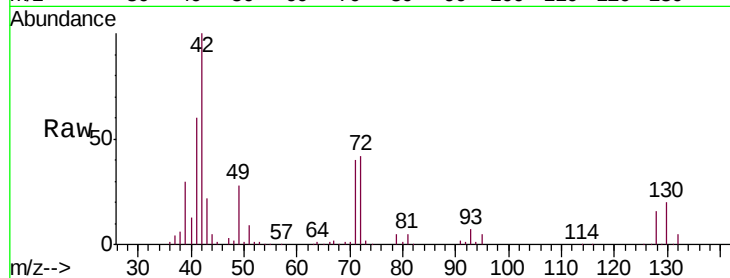
Tgt Ion: 42 Resp: 541904

Ion Ratio Lower Upper

42 100

72 42.1 33.7 50.5

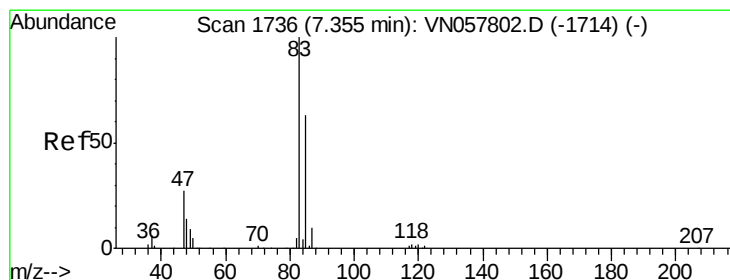
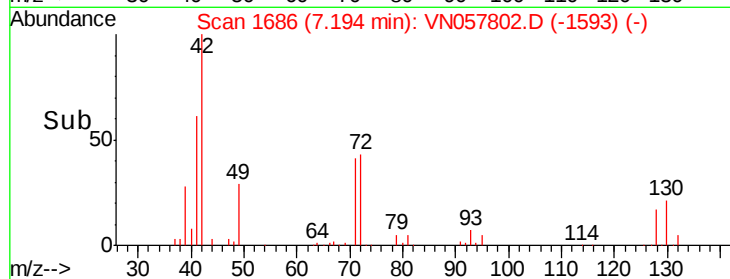
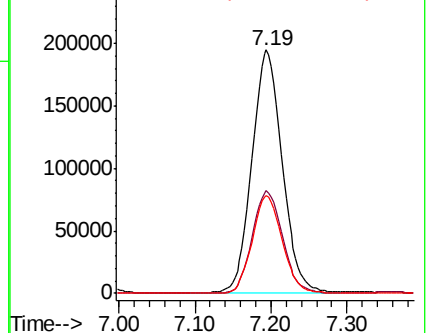
71 39.9 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN057802.D (-1655) (-)

Ion 72.00 (71.70 to 72.70): VN057802.D (-1655) (-)

Ion 71.00 (70.70 to 71.70): VN057802.D (-1655) (-)



#30

Chloroform

Concen: 43.953 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057802.D

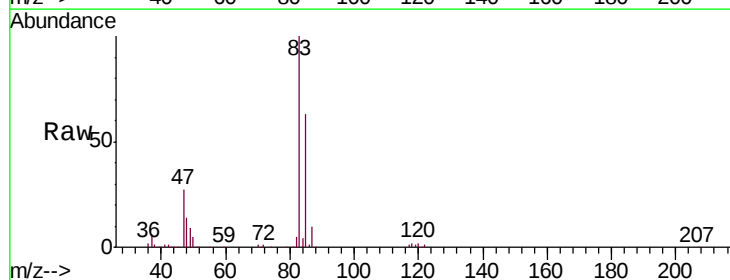
Acq: 9 Sep 2019 15:48

Tgt Ion: 83 Resp: 503014

Ion Ratio Lower Upper

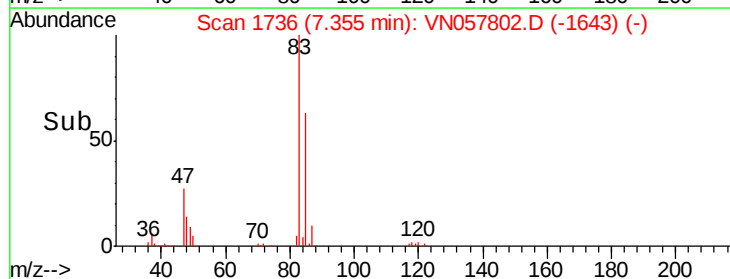
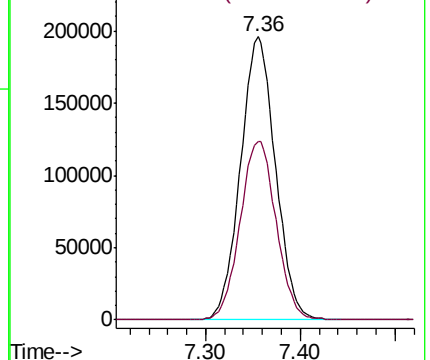
83 100

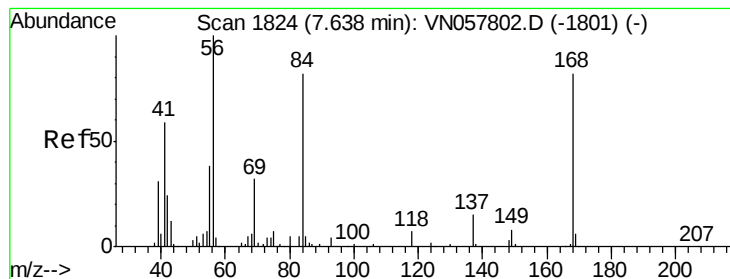
85 63.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN057802.D (-1714) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-1714) (-)





#31

Cyclohexane

Concen: 36.445 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

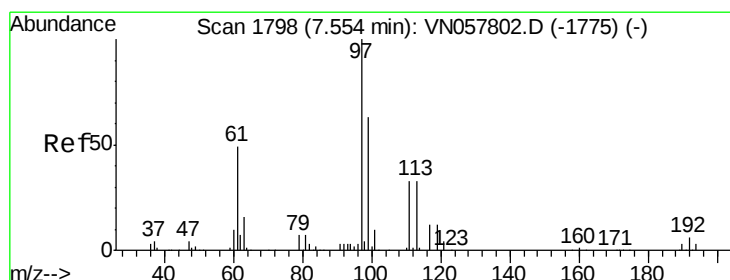
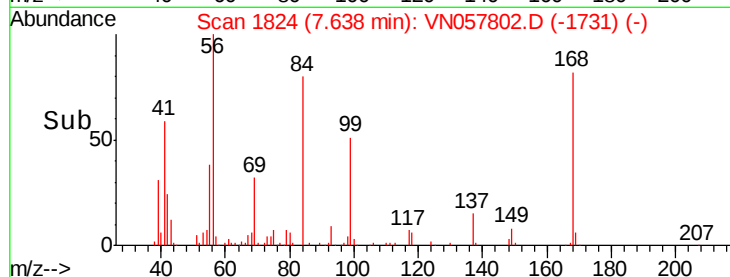
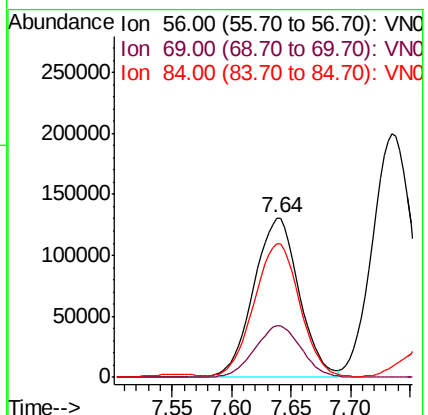
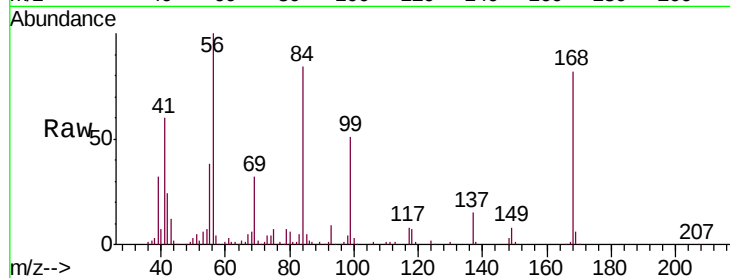
Tgt Ion: 56 Resp: 345504

Ion Ratio Lower Upper

56 100

69 32.4 25.9 38.9

84 82.0 65.6 98.4



#32

1,1,1-Trichloroethane

Concen: 42.835 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

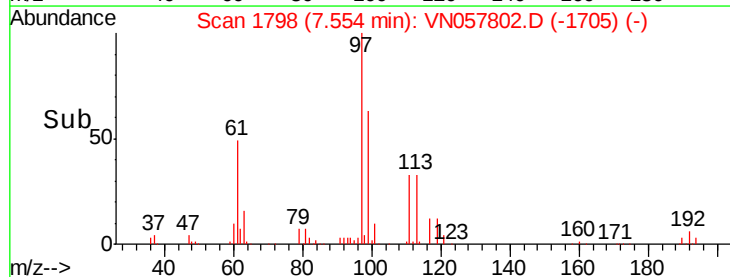
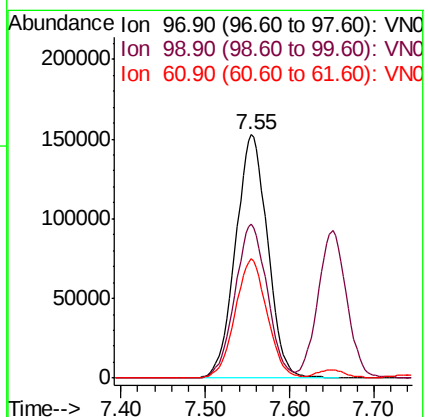
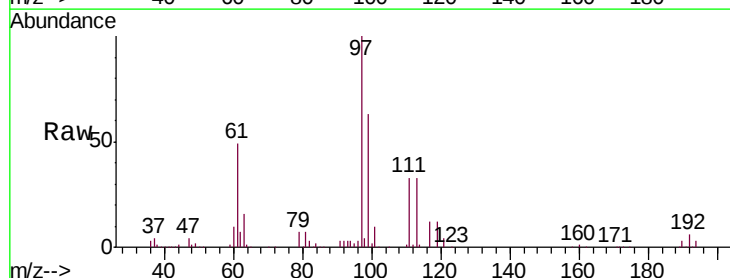
Tgt Ion: 97 Resp: 404299

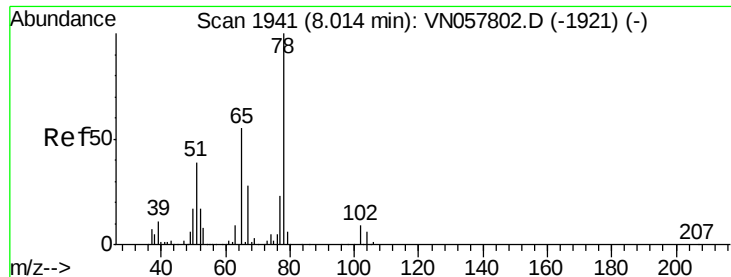
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 48.8 39.0 58.6

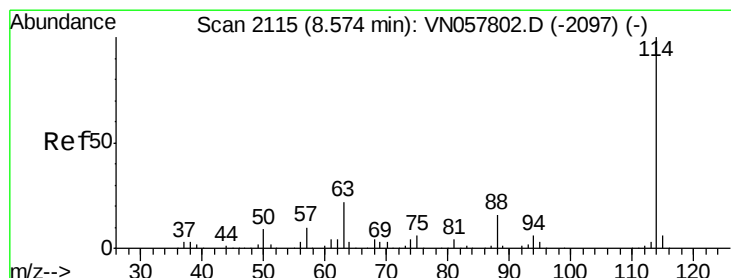
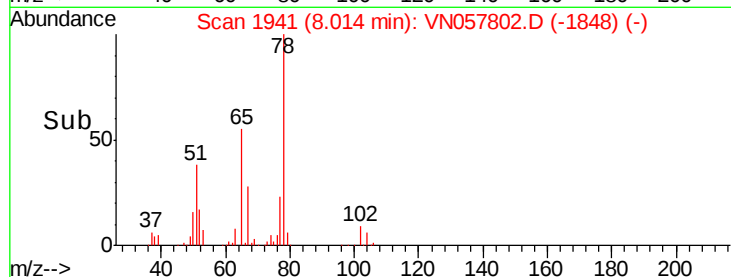
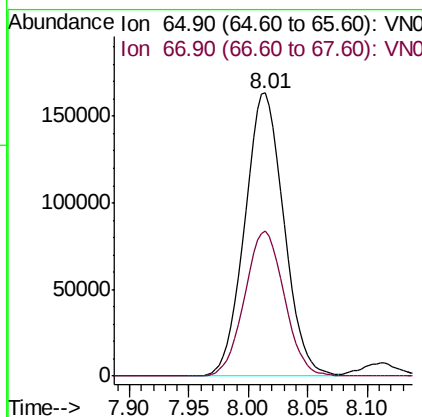
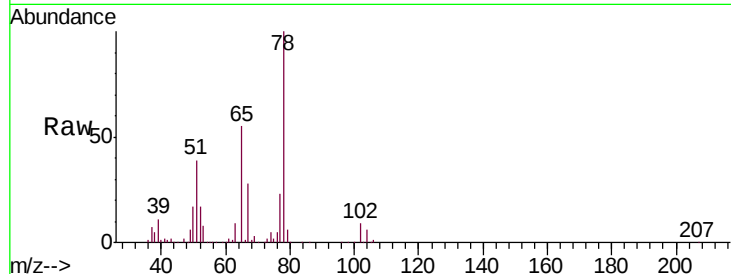




#33
 1,2-Dichloroethane-d4
 Concen: 43.616 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

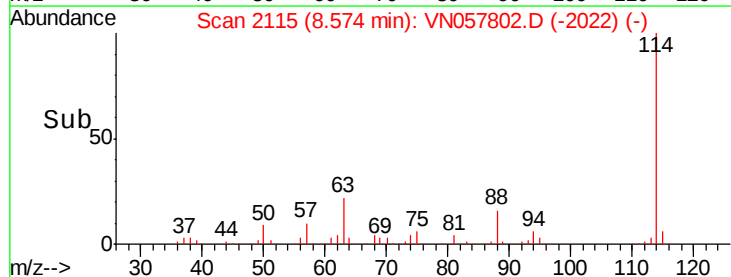
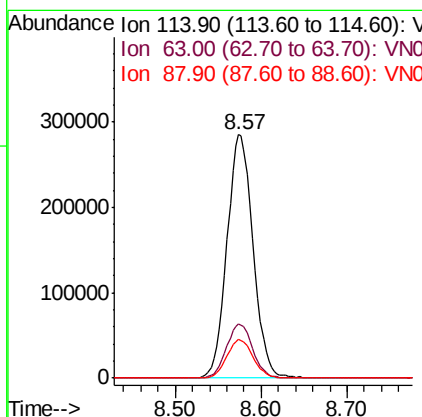
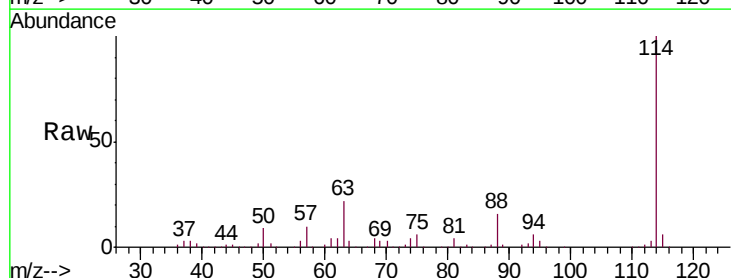
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

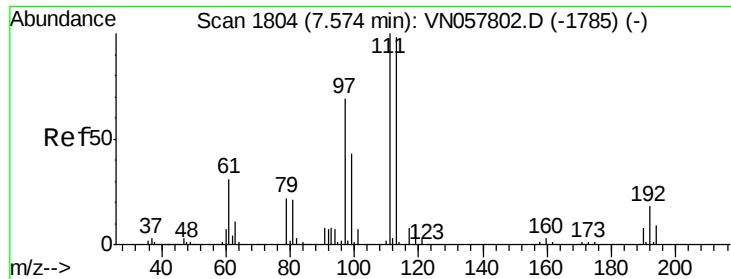
Tgt Ion: 65 Resp: 373409
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 114 Resp: 598497
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 15.7 0.0 31.4

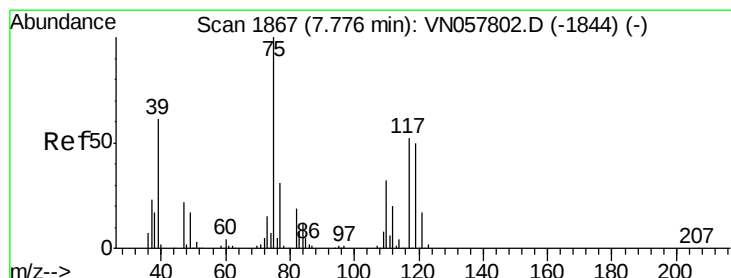
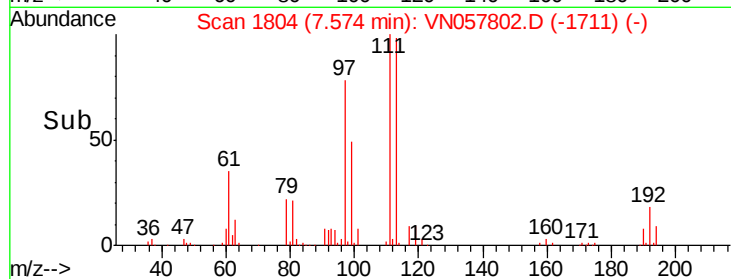
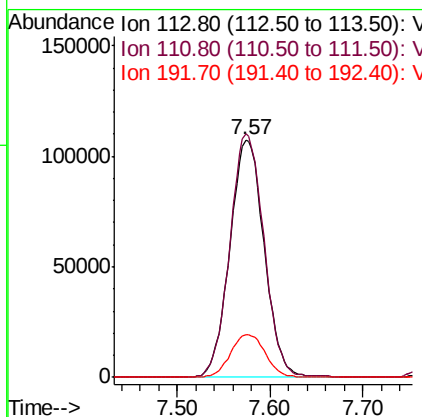
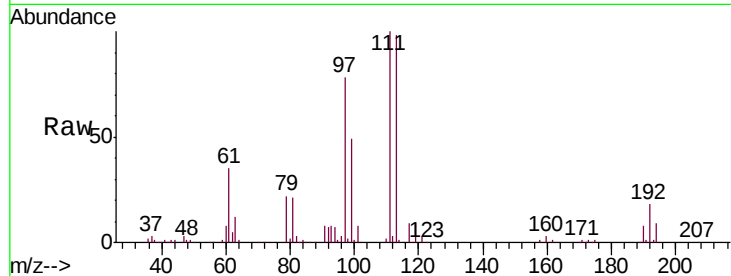




#35
 Dibromofluoromethane
 Concen: 50.702 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

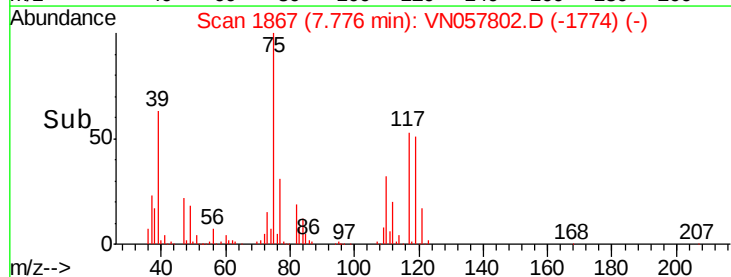
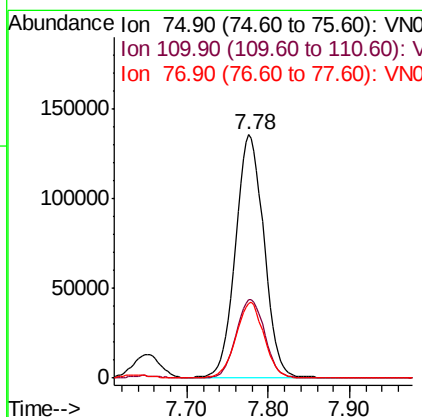
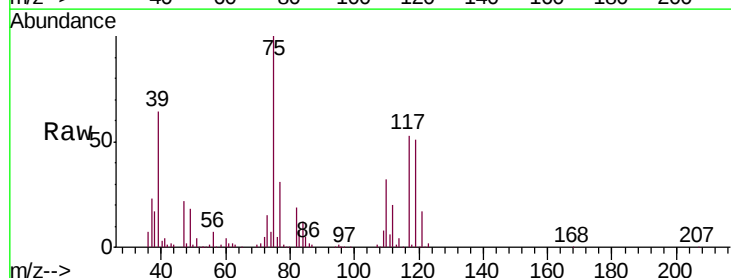
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

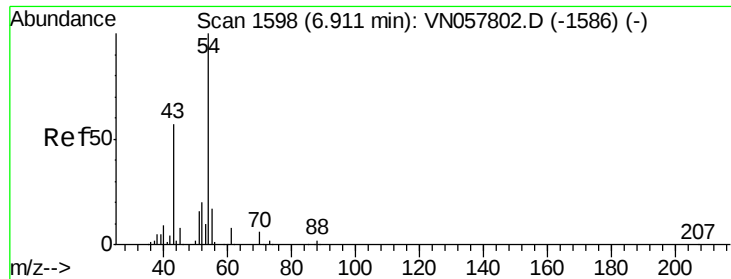
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.3	121.9
192	18.3	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 42.159 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.3	48.9
77	31.2	25.0	37.4

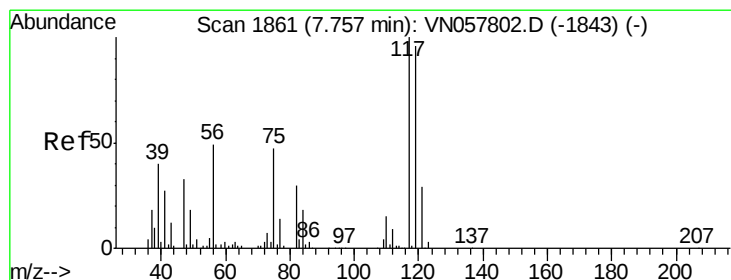
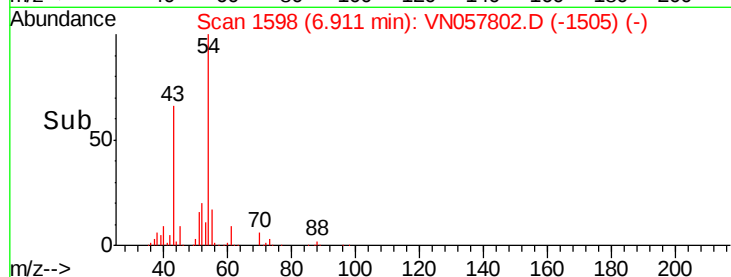
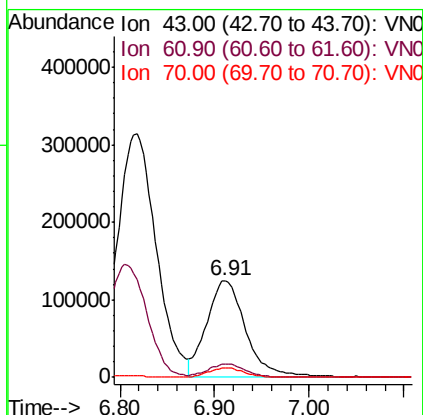
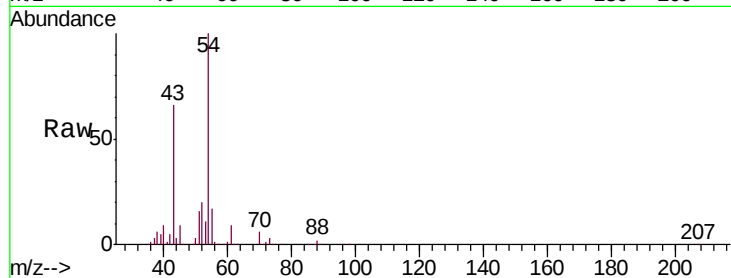




#37
 Ethyl Acetate
 Concen: 45.704 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

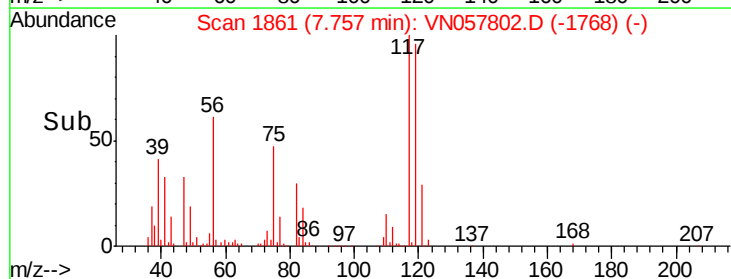
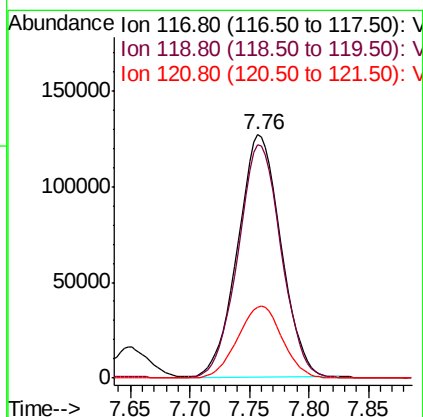
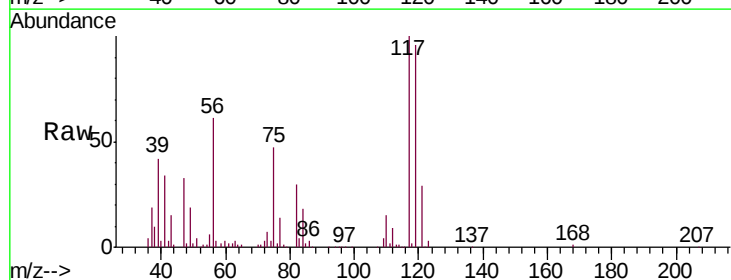
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

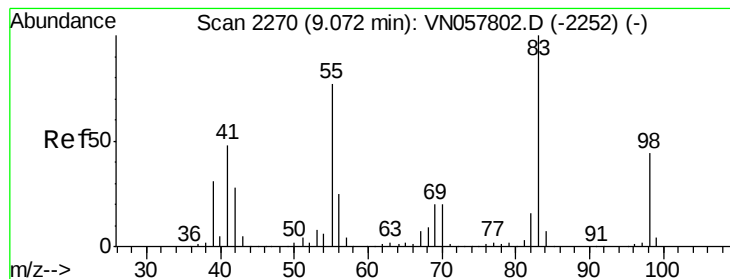
Tgt Ion: 43 Resp: 351229
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.5 15.7
 70 9.2 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 43.307 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 117 Resp: 318437
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.9 115.3
 121 29.3 23.4 35.2





#39

Methylcyclohexane

Concen: 42.527 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

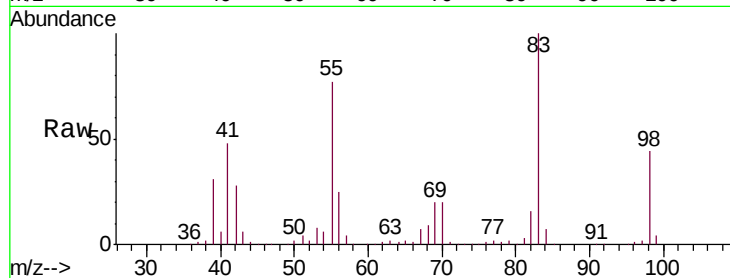
Tgt Ion: 83 Resp: 346253

Ion Ratio Lower Upper

83 100

55 77.0 61.6 92.4

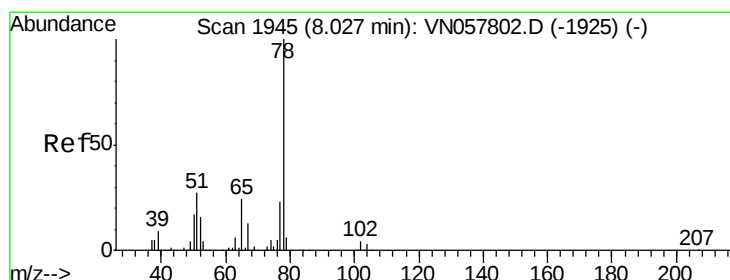
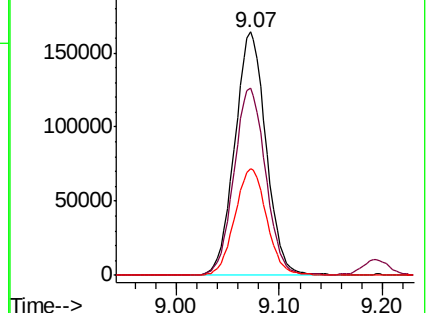
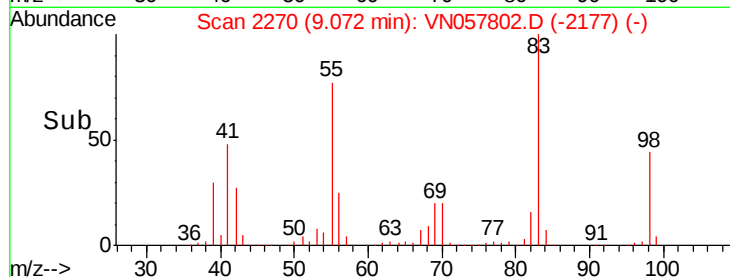
98 43.6 34.9 52.3



Abundance Ion 83.00 (82.70 to 83.70): VN057802.D (-2252) (-)

Ion 55.00 (54.70 to 55.70): VN057802.D (-2252) (-)

Ion 98.00 (97.70 to 98.70): VN057802.D (-2252) (-)



#40

Benzene

Concen: 45.964 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN057802.D

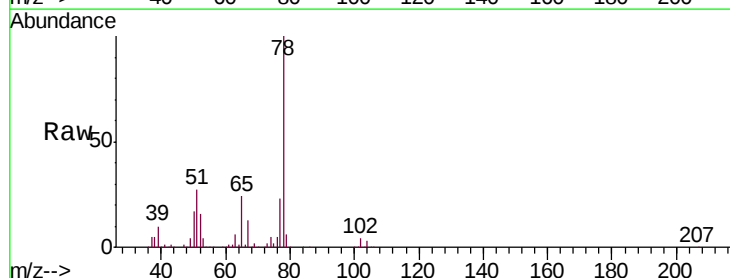
Acq: 9 Sep 2019 15:48

Tgt Ion: 78 Resp: 1017935

Ion Ratio Lower Upper

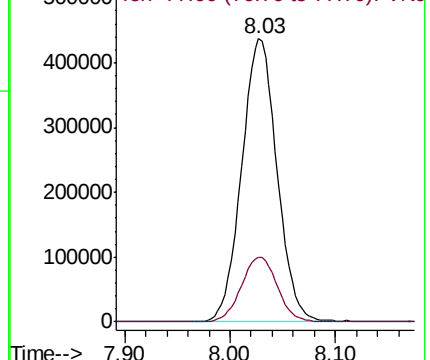
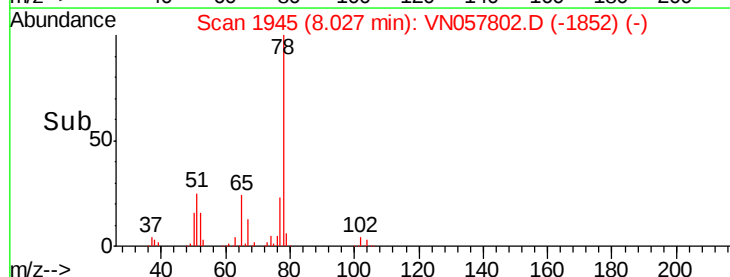
78 100

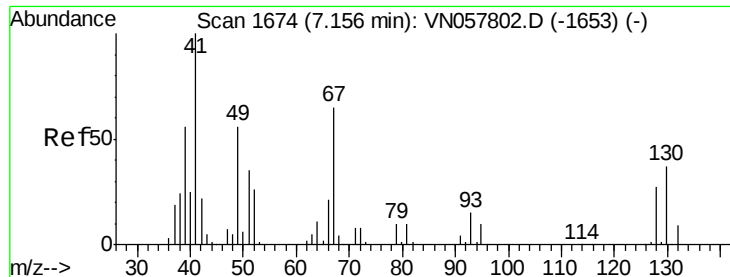
77 22.9 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN057802.D (-1925) (-)

Ion 77.00 (76.70 to 77.70): VN057802.D (-1925) (-)

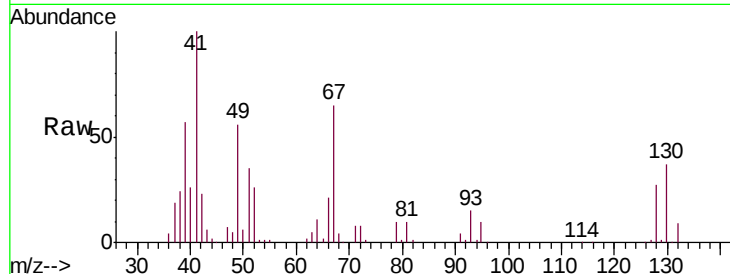




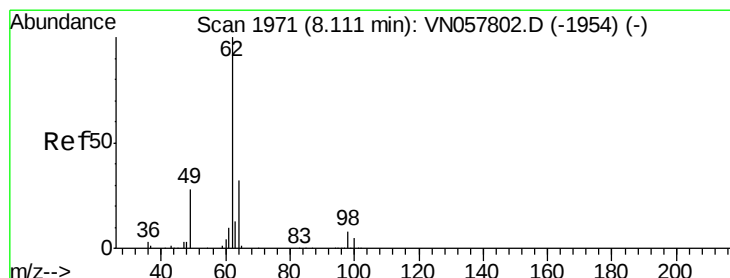
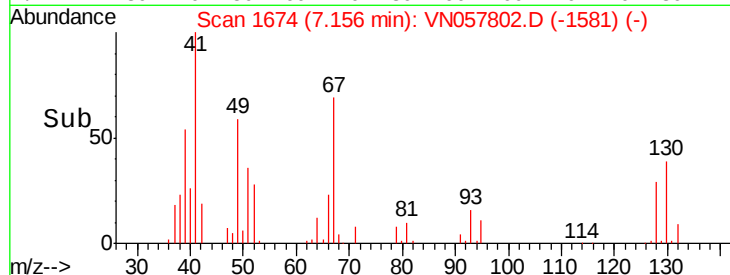
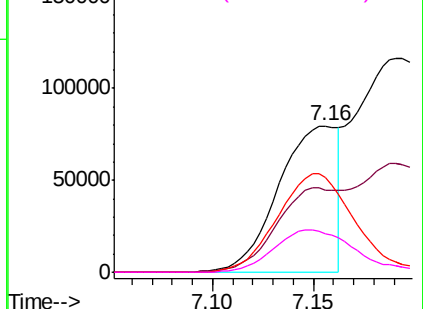
#41
Methacrylonitrile
Concen: 42.968 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 161741
Ion Ratio Lower Upper
41 100
39 63.8 51.0 76.6
67 88.4 70.7 106.1
52 38.5 30.8 46.2

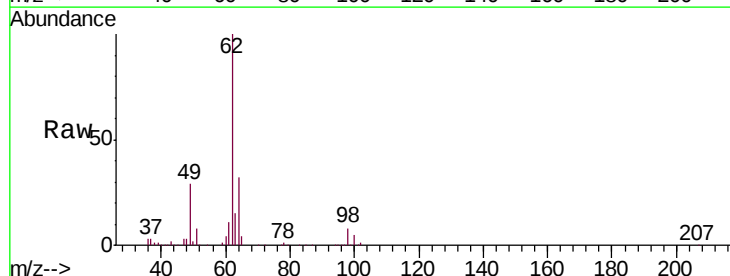


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

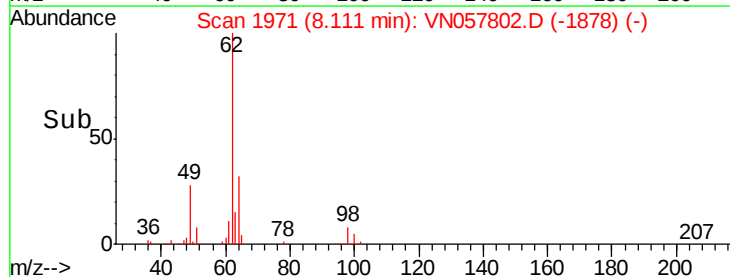
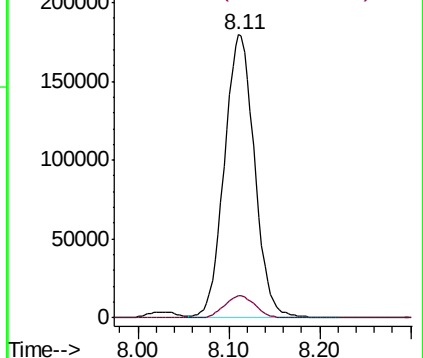


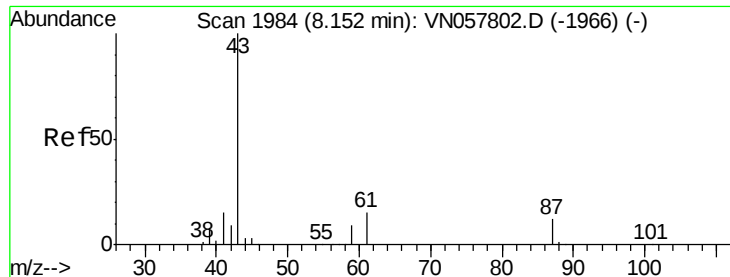
#42
1,2-Dichloroethane
Concen: 40.574 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 62 Resp: 411931
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 41.788 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

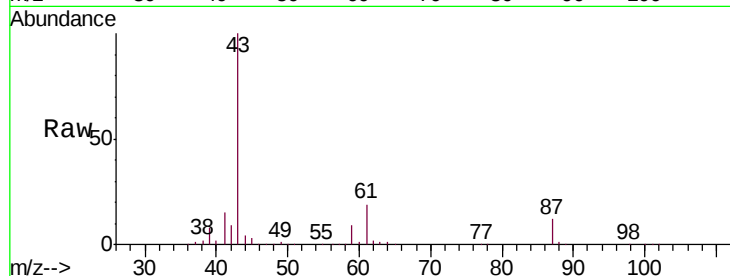
Tgt Ion: 43 Resp: 613199

Ion Ratio Lower Upper

43 100

61 25.1 20.1 30.1

87 11.9 9.5 14.3

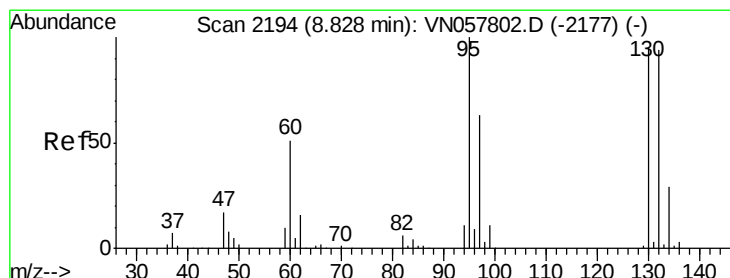
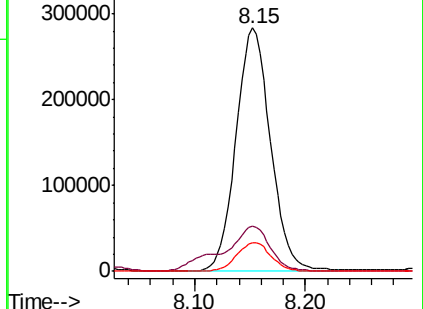
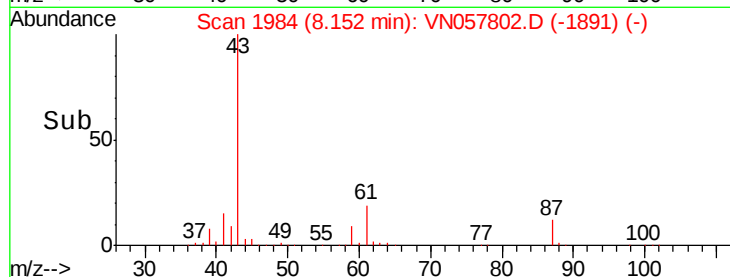


Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 49.388 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057802.D

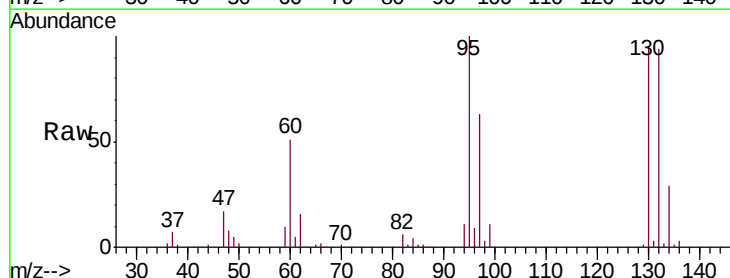
Acq: 9 Sep 2019 15:48

Tgt Ion: 130 Resp: 247326

Ion Ratio Lower Upper

130 100

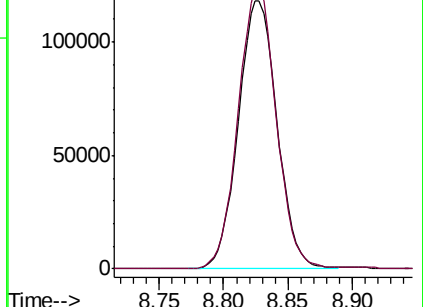
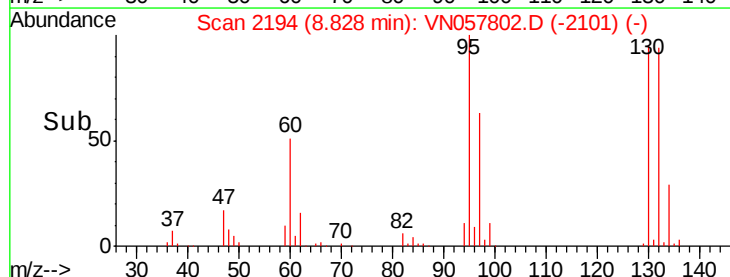
95 105.7 0.0 211.4

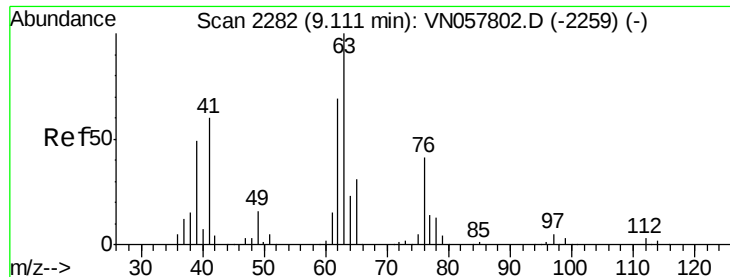


Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

Time-->

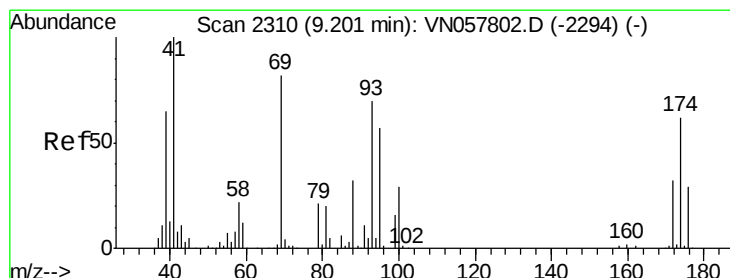
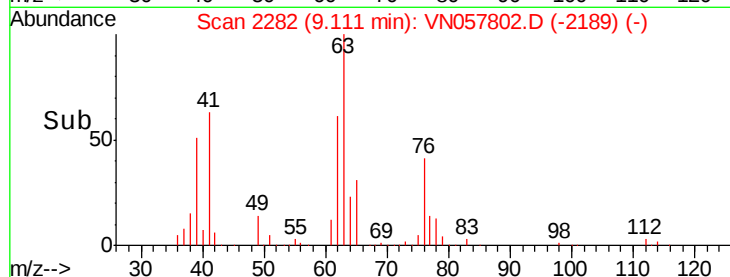
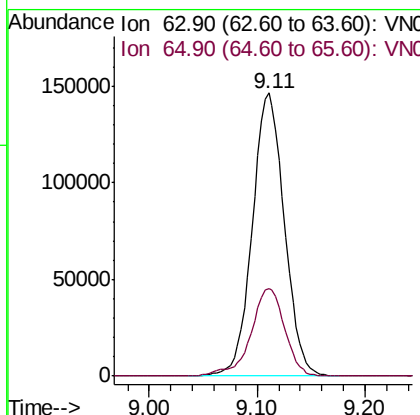
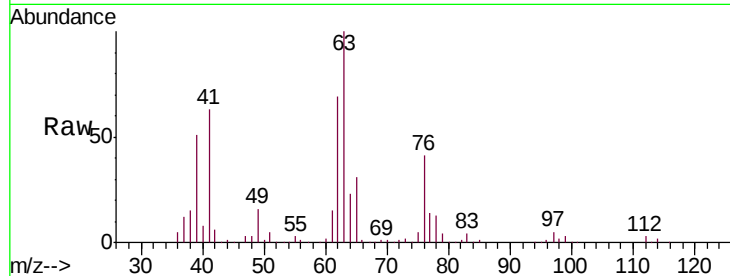




#45
 1,2-Dichloropropane
 Concen: 48.464 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

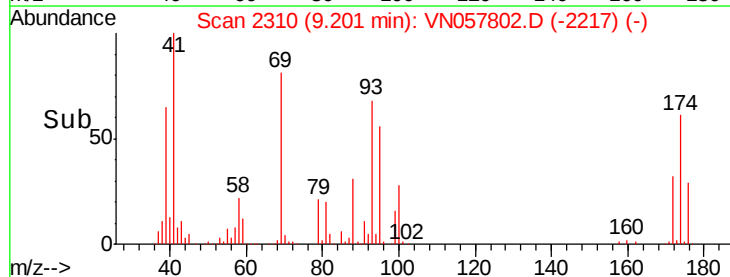
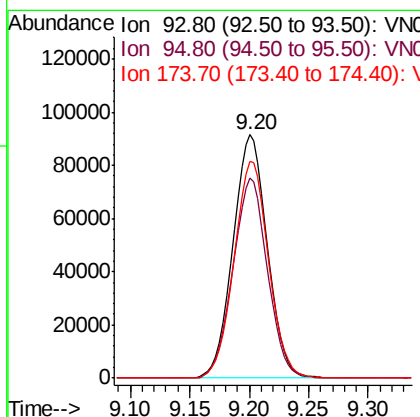
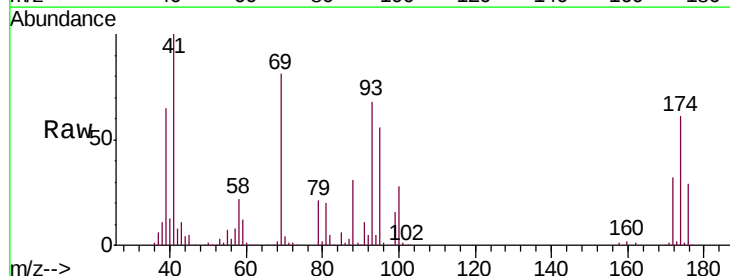
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

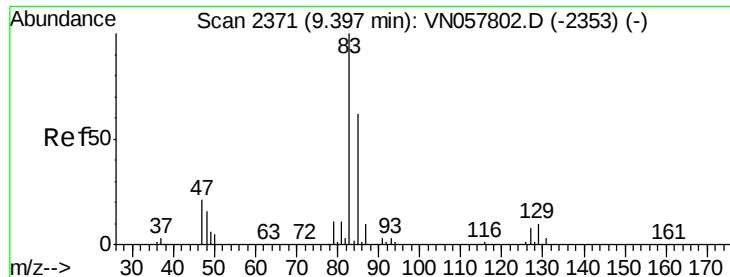
Tgt Ion: 63 Resp: 301402
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 46.213 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 93 Resp: 182646
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.9 98.9
 174 89.7 71.8 107.6





#47

Bromodichloromethane

Concen: 46.769 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

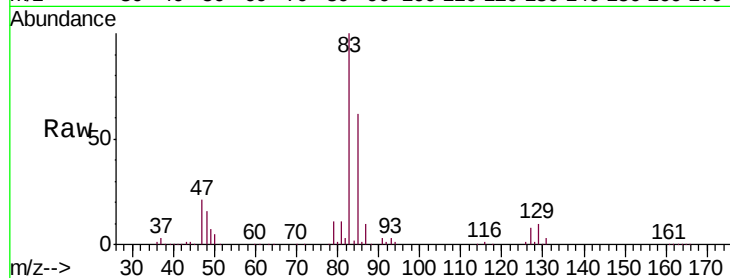
Tgt Ion: 83 Resp: 392521

Ion Ratio Lower Upper

83 100

85 62.4 49.9 74.9

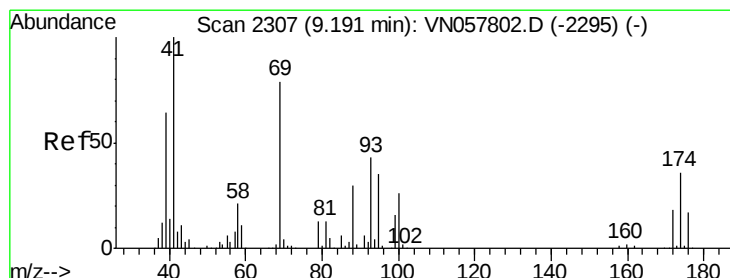
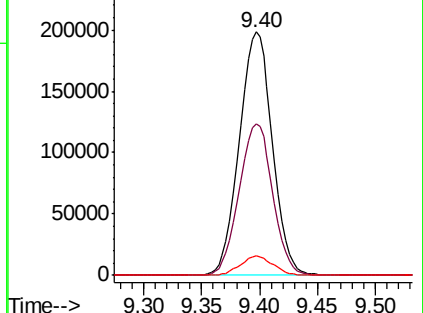
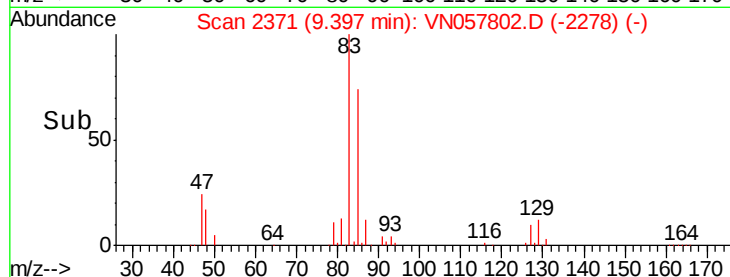
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN057802.D (-2353) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-2353) (-)

Ion 126.80 (126.50 to 127.50): VN057802.D (-2353) (-)



#48

Methyl methacrylate

Concen: 41.134 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

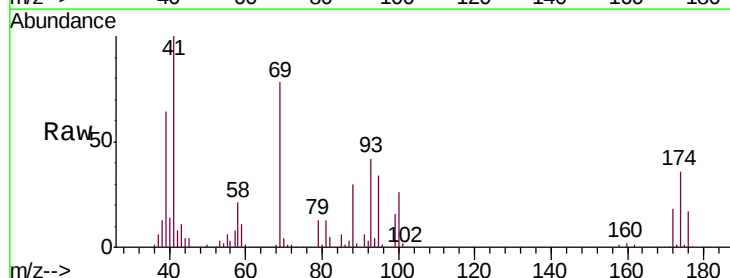
Tgt Ion: 41 Resp: 310242

Ion Ratio Lower Upper

41 100

69 78.4 62.7 94.1

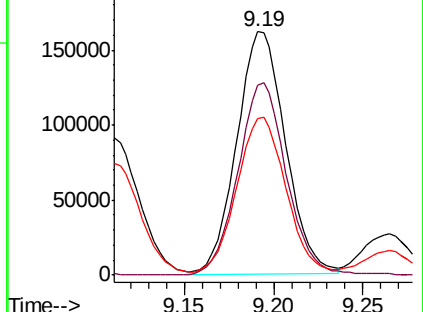
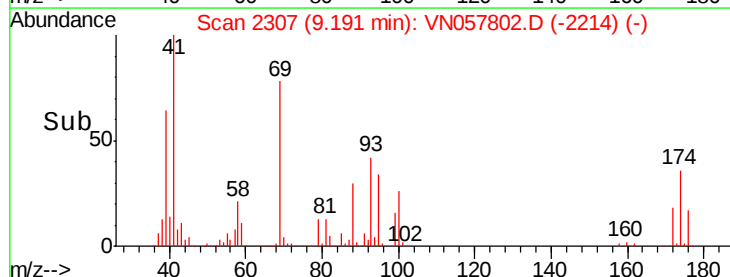
39 65.9 52.7 79.1

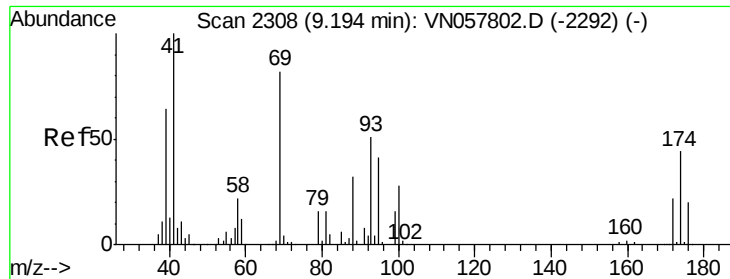


Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057802.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-2295) (-)

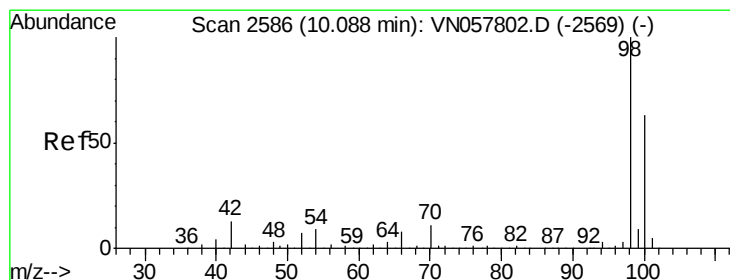
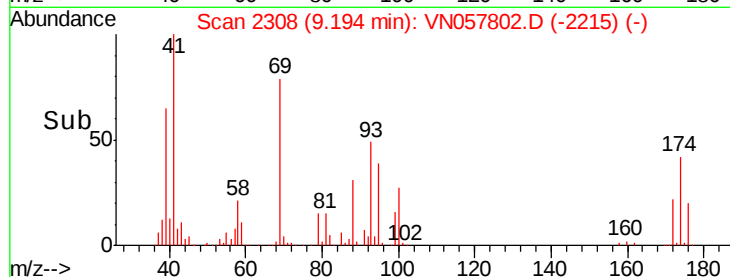
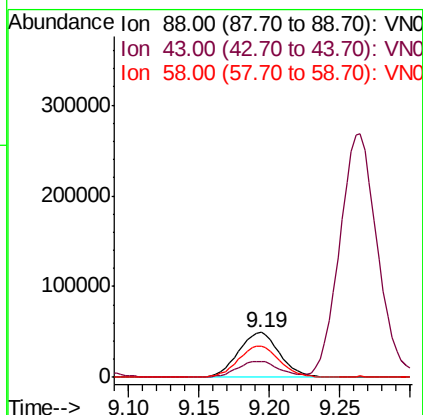
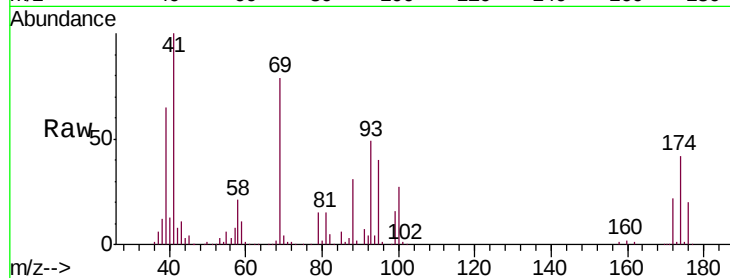




#49
 1,4-Dioxane
 Concen: 1112.459 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

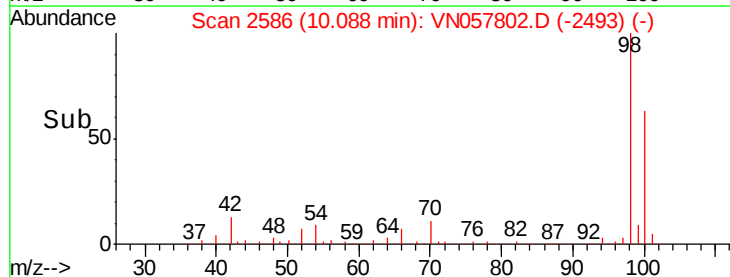
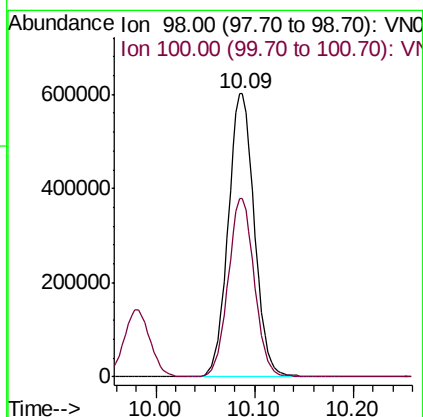
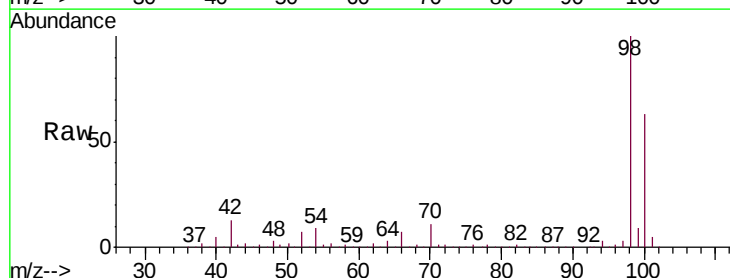
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

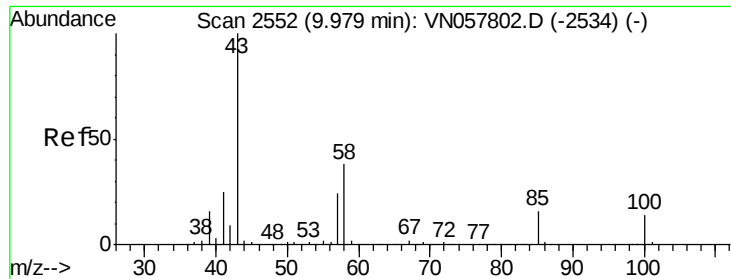
Tgt Ion: 88 Resp: 102201
 Ion Ratio Lower Upper
 88 100
 43 35.6 28.5 42.7
 58 69.7 55.8 83.6



#50
 Toluene-d8
 Concen: 54.634 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 98 Resp: 1114443
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 236.587 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

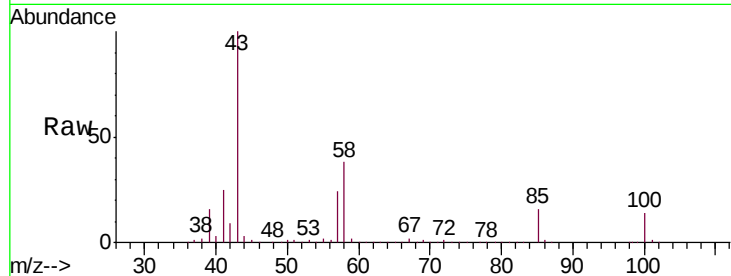
VSTDICCC050

Tgt Ion: 43 Resp: 1953309

Ion Ratio Lower Upper

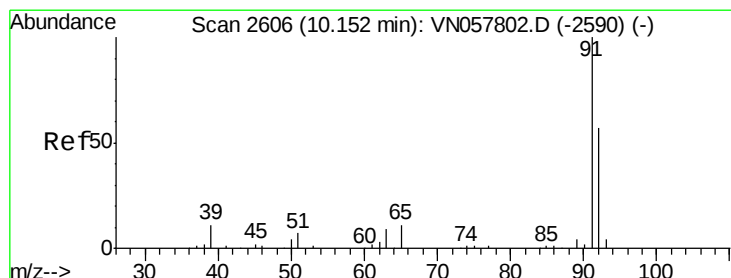
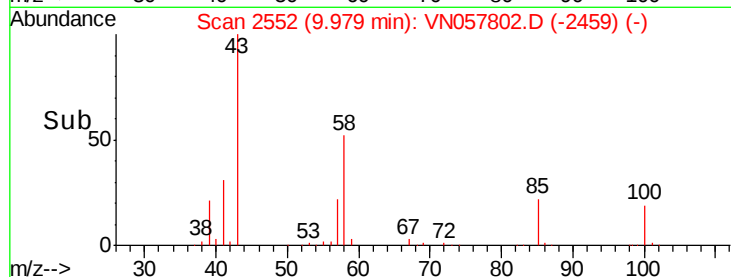
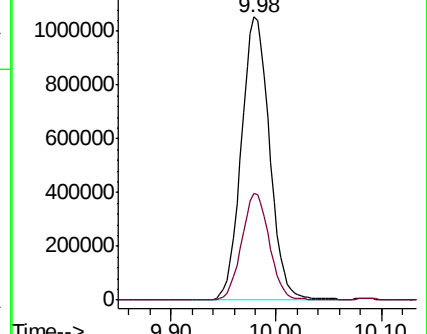
43 100

58 37.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 48.207 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057802.D

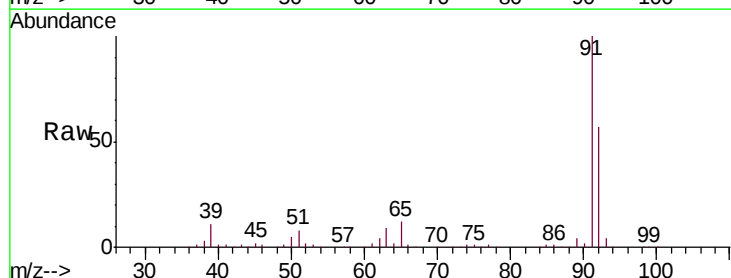
Acq: 9 Sep 2019 15:48

Tgt Ion: 92 Resp: 651790

Ion Ratio Lower Upper

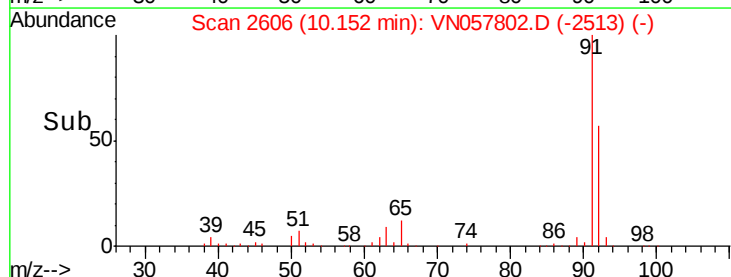
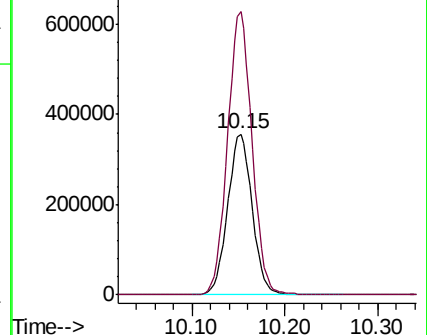
92 100

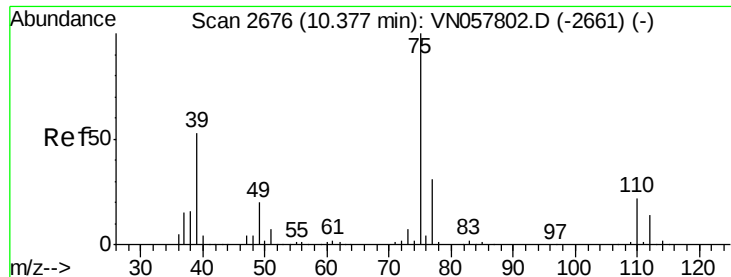
91 176.3 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

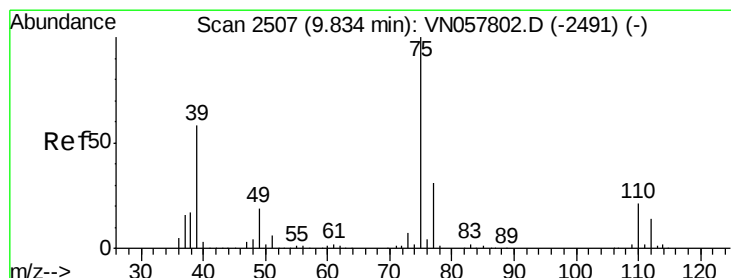
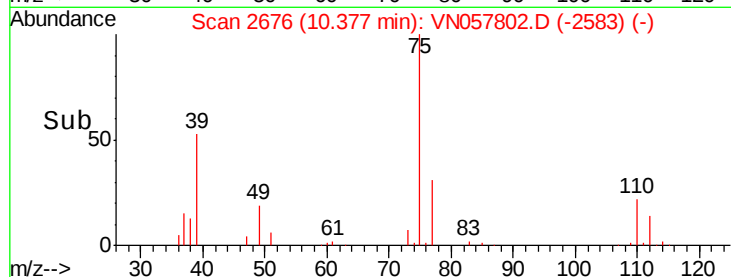
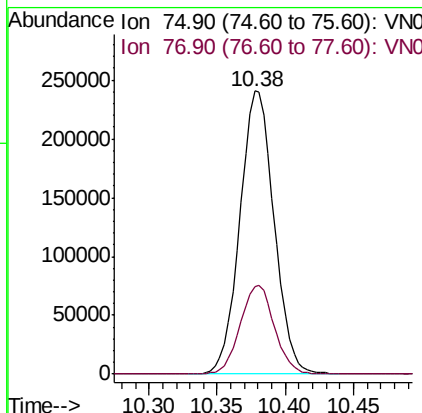
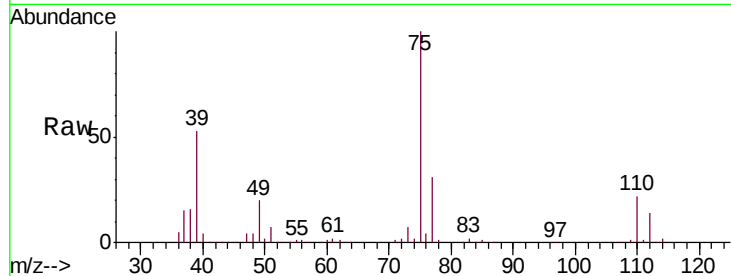




#53
 t-1,3-Dichloropropene
 Concen: 49.521 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

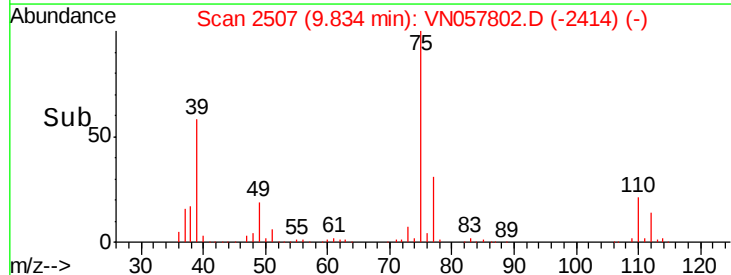
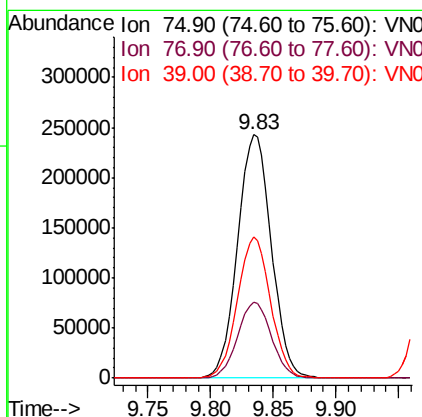
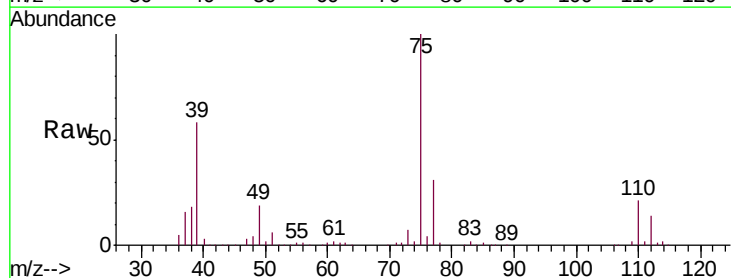
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

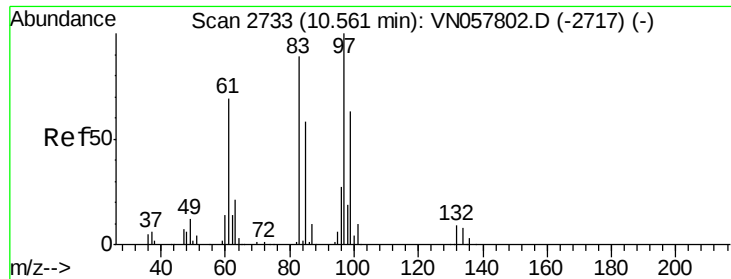
Tgt Ion: 75 Resp: 419316
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.506 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 75 Resp: 454406
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 57.8 46.2 69.4

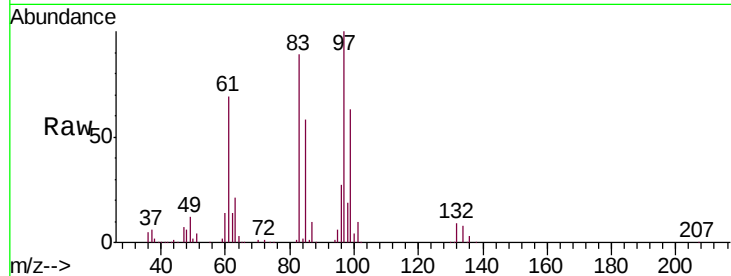




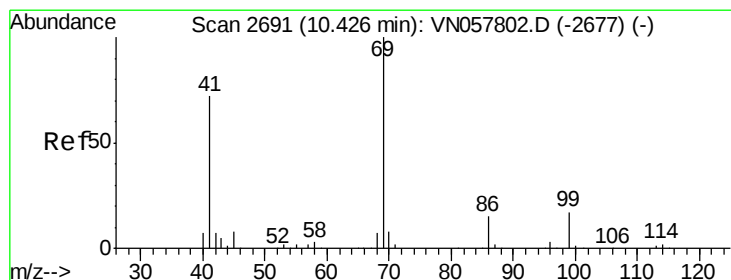
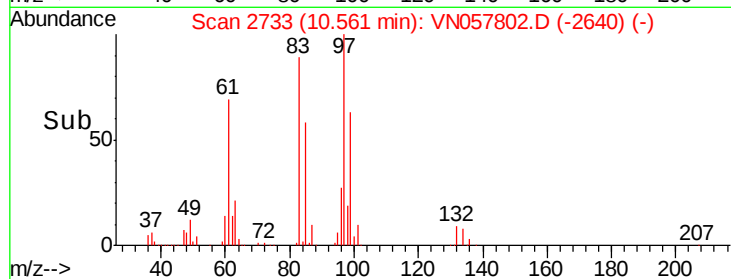
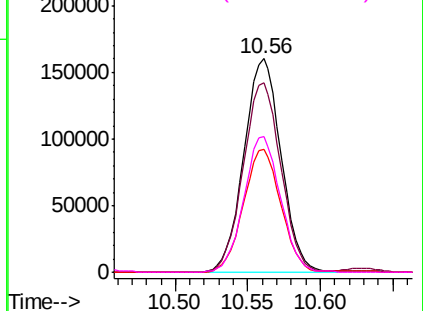
#55
 1,1,2-Trichloroethane
 Concen: 52.019 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 287004
 Ion Ratio Lower Upper
 97 100
 83 88.5 70.8 106.2
 85 57.5 46.0 69.0
 99 63.3 50.6 76.0

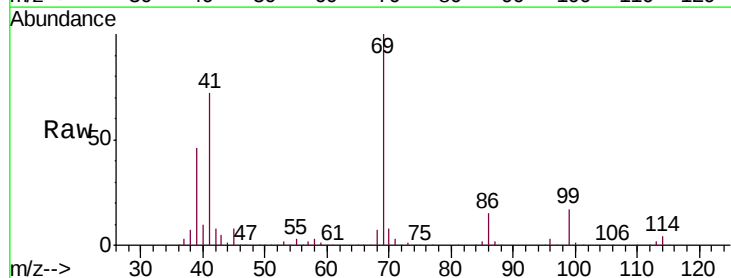


Abundance Ion 96.90 (96.60 to 97.60): VNO
 250000 Ion 82.90 (82.60 to 83.60): VNO
 200000 Ion 84.90 (84.60 to 85.60): VNO
 150000 Ion 98.90 (98.60 to 99.60): VNO

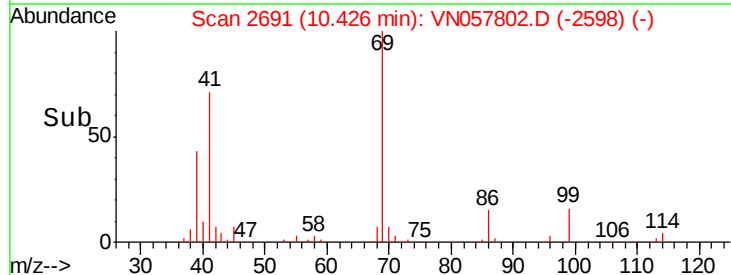
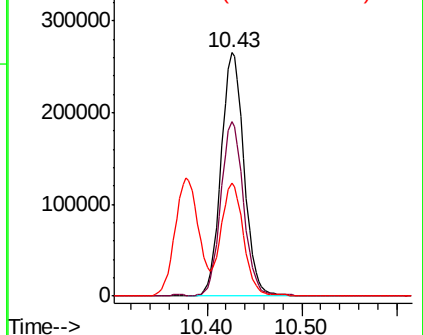


#56
 Ethyl methacrylate
 Concen: 51.201 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 69 Resp: 447185
 Ion Ratio Lower Upper
 69 100
 41 70.9 56.7 85.1
 39 45.4 36.3 54.5



Abundance Ion 69.00 (68.70 to 69.70): VNO
 300000 Ion 41.00 (40.70 to 41.70): VNO
 200000 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 49.784 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

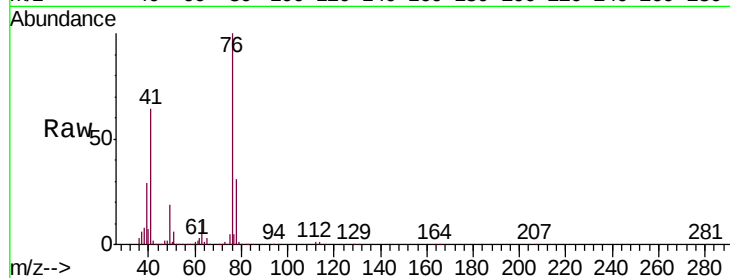
VSTDICCC050

Tgt Ion: 76 Resp: 490920

Ion Ratio Lower Upper

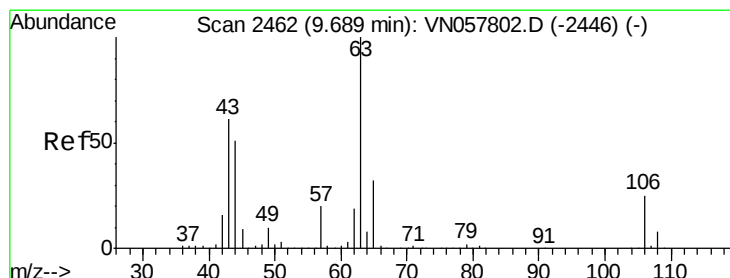
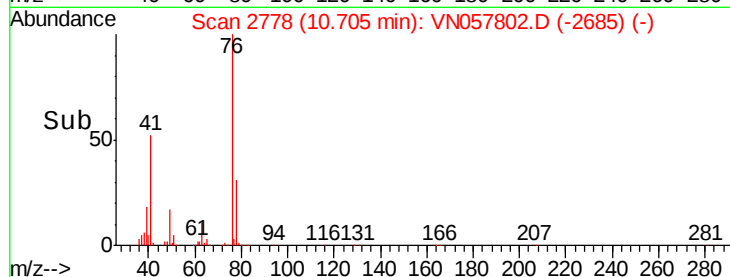
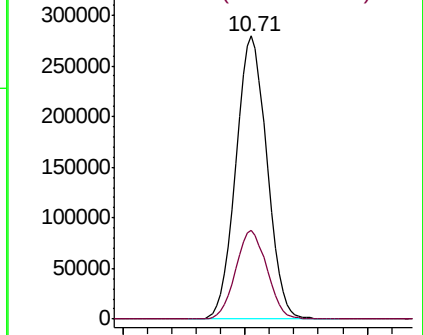
76 100

78 31.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 259.785 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057802.D

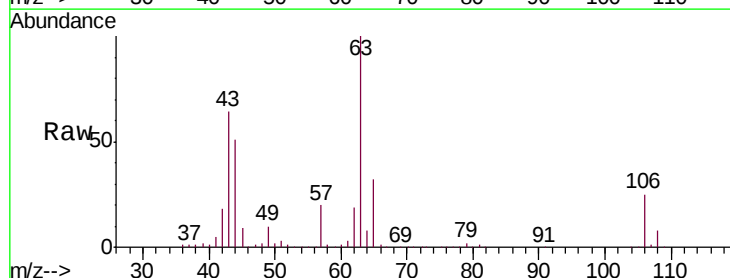
Acq: 9 Sep 2019 15:48

Tgt Ion: 63 Resp: 1152445

Ion Ratio Lower Upper

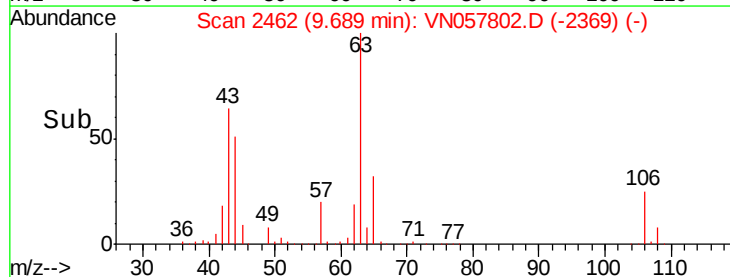
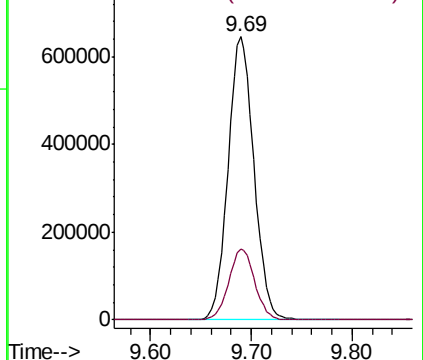
63 100

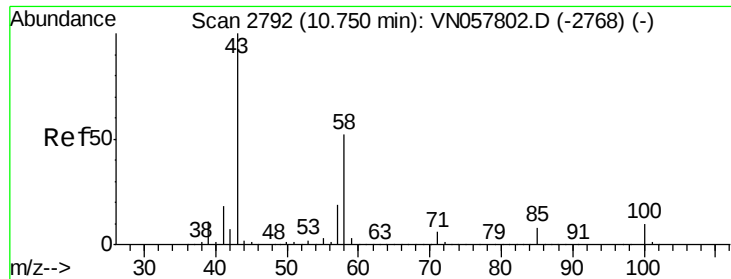
106 25.0 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

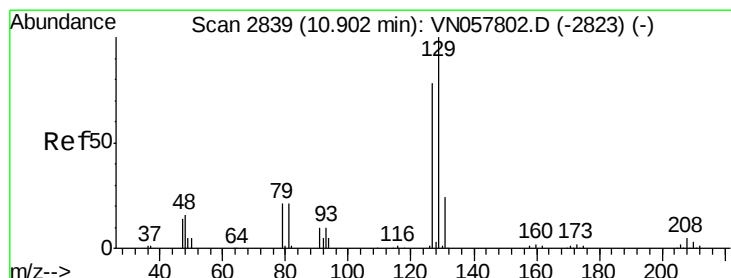
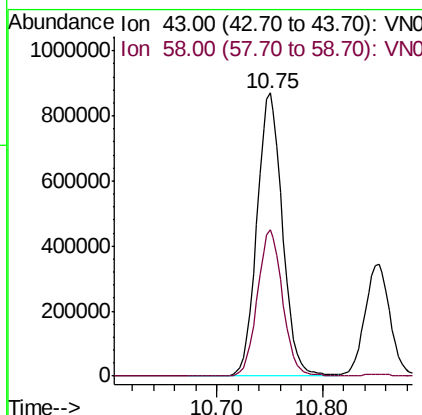
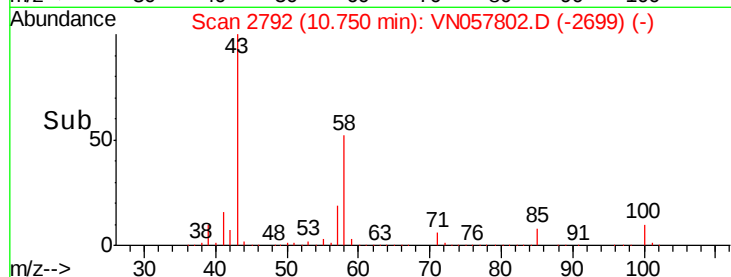
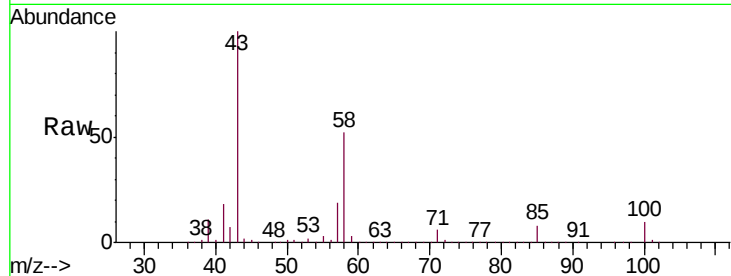




#59
2-Hexanone
Concen: 250.024 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

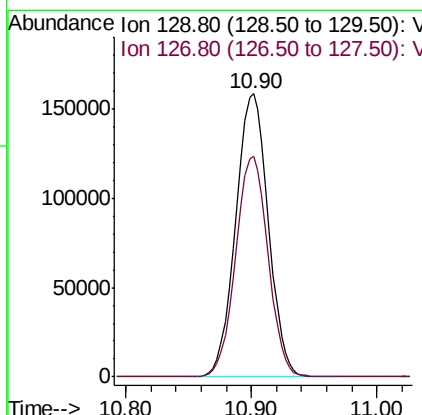
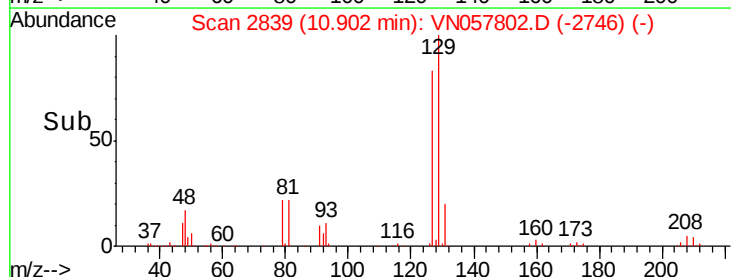
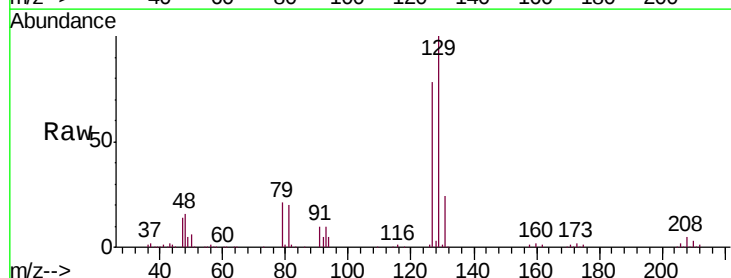
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

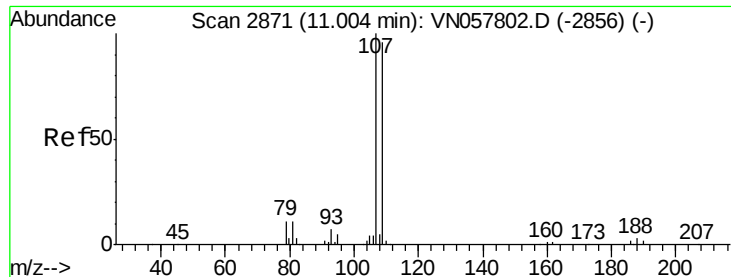
Tgt Ion: 43 Resp: 1468134
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8



#60
Dibromochloromethane
Concen: 53.890 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 129 Resp: 286442
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.806 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

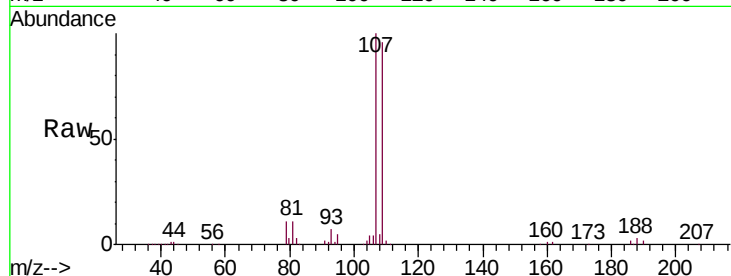
VSTDICCC050

Tgt Ion: 107 Resp: 272228

Ion Ratio Lower Upper

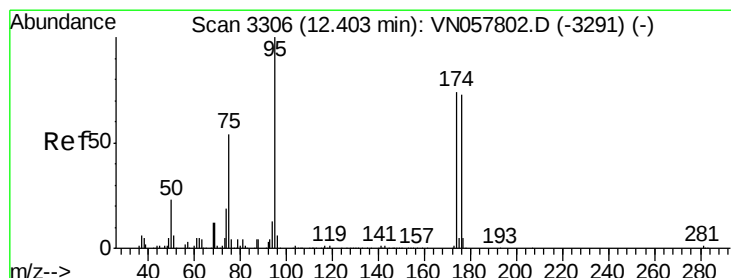
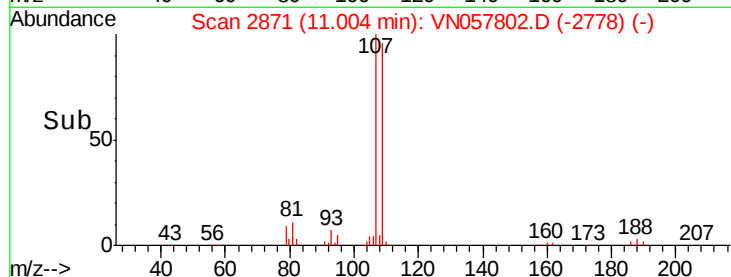
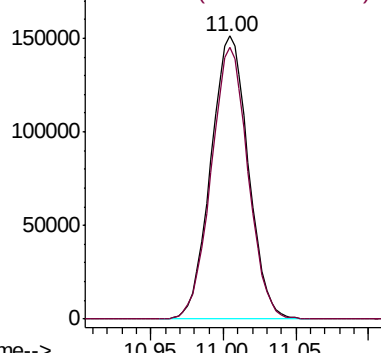
107 100

109 94.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.909 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

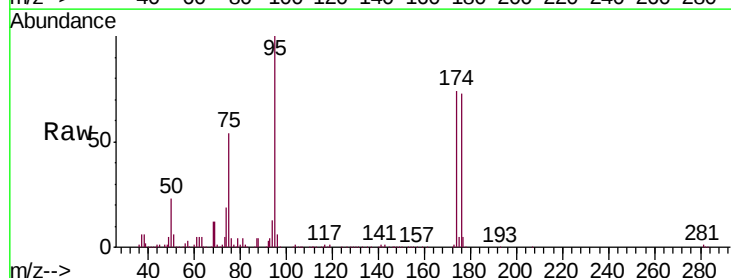
Tgt Ion: 95 Resp: 395157

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

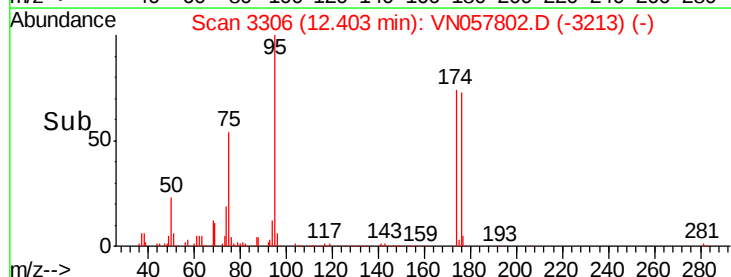
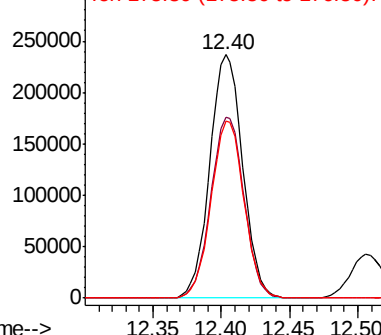
176 73.0 0.0 146.0

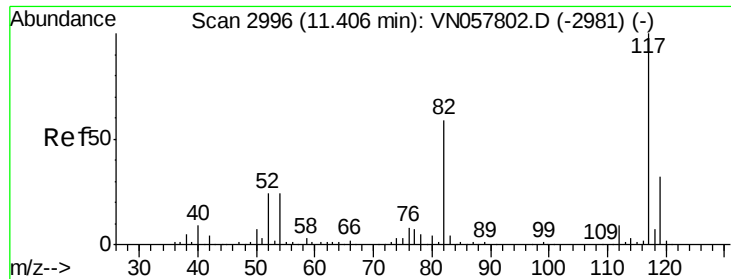


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

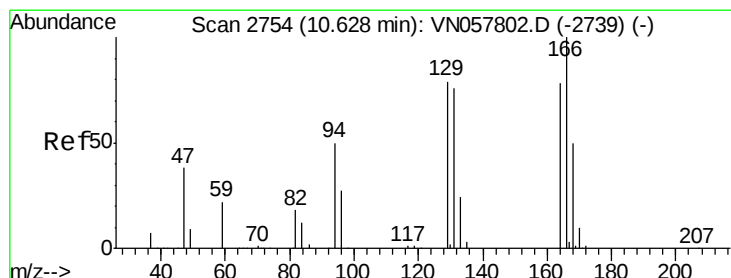
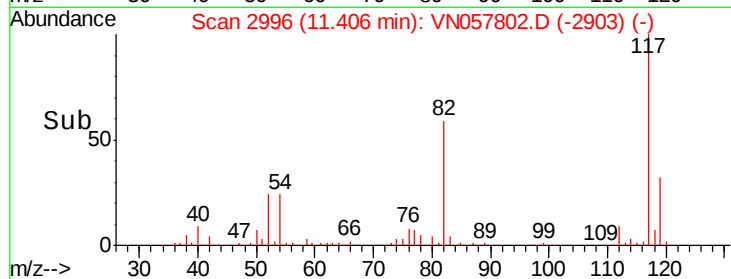
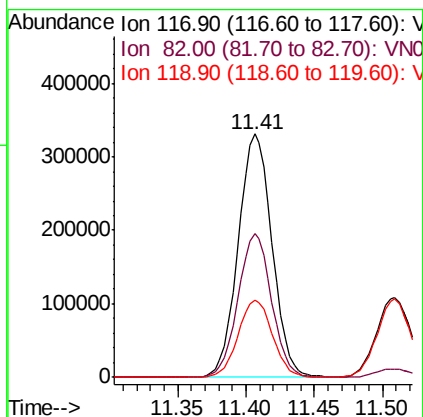
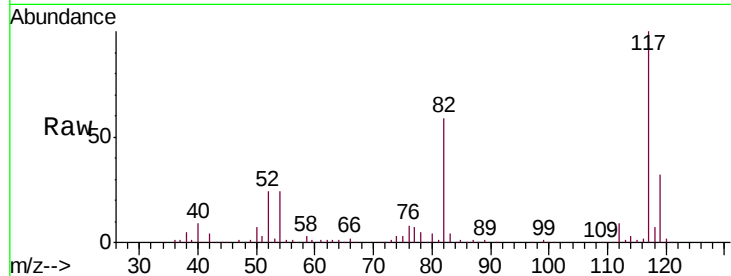




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

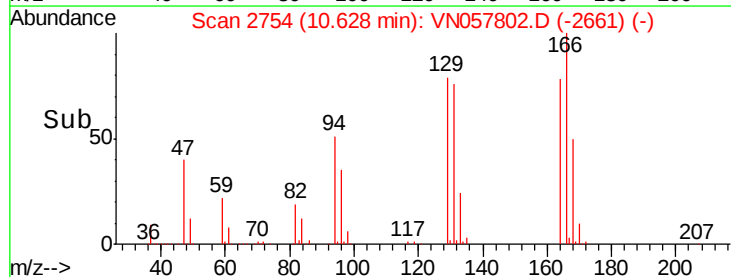
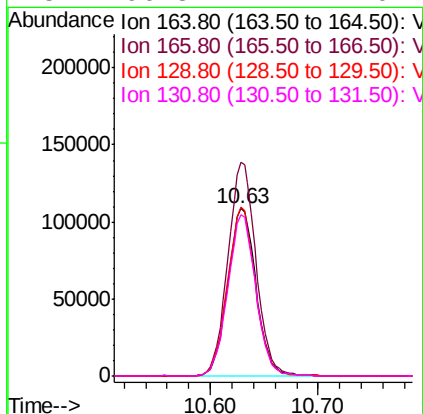
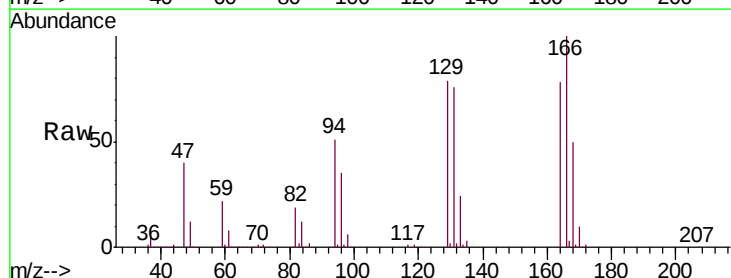
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

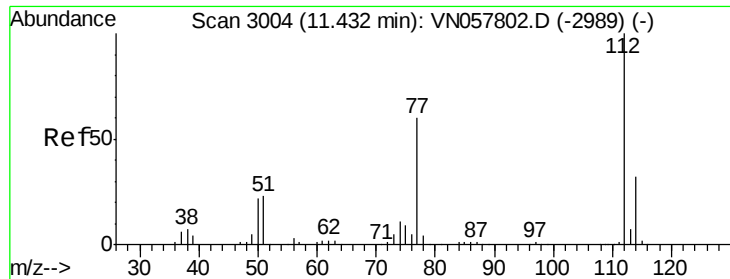
Tgt Ion:117 Resp: 570514
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 45.337 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion:164 Resp: 198912
Ion Ratio Lower Upper
164 100
166 127.7 102.2 153.2
129 101.0 80.8 121.2
131 96.8 77.4 116.2





#65

Chlorobenzene

Concen: 49.930 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

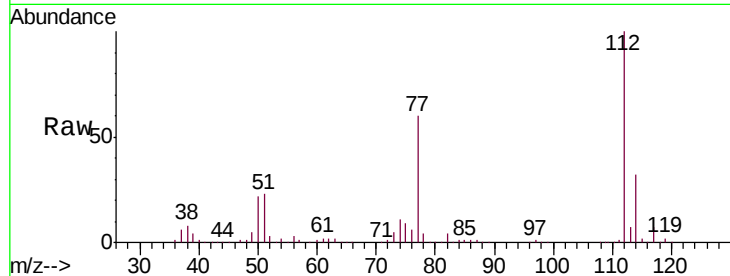
VSTDICCC050

Tgt Ion:112 Resp: 745072

Ion Ratio Lower Upper

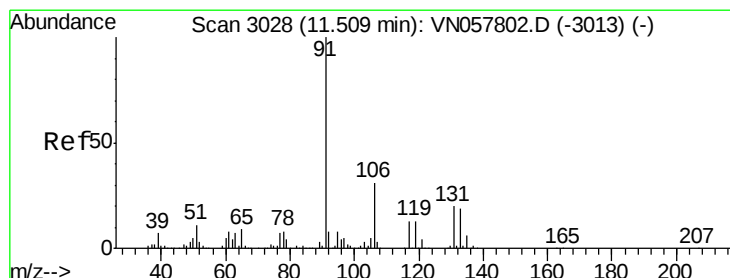
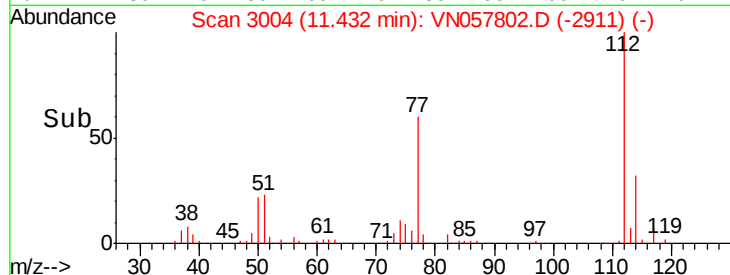
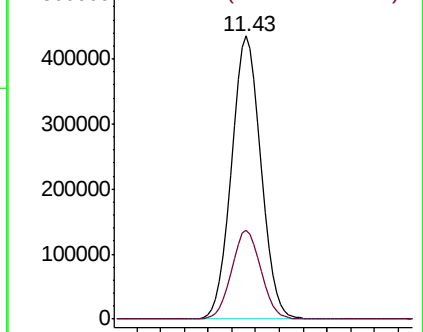
112 100

114 31.5 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.865 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

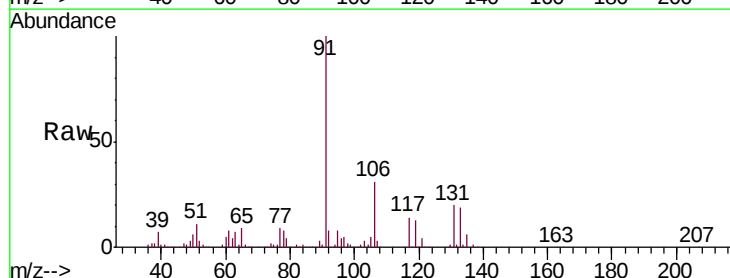
Tgt Ion:131 Resp: 274562

Ion Ratio Lower Upper

131 100

133 94.2 47.1 141.3

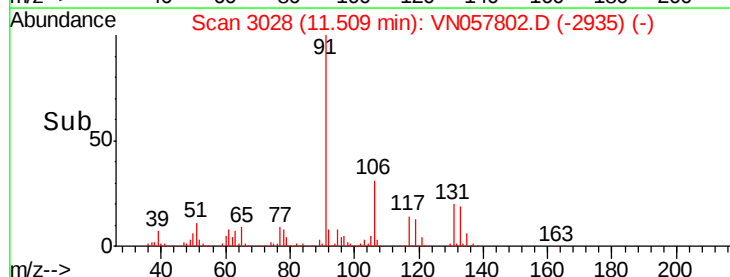
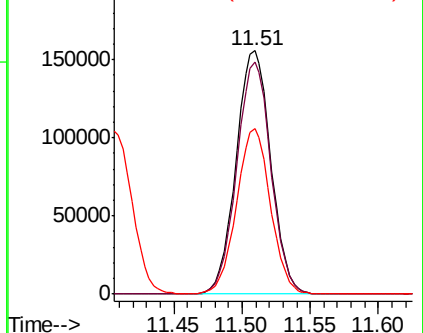
119 66.5 33.3 99.8

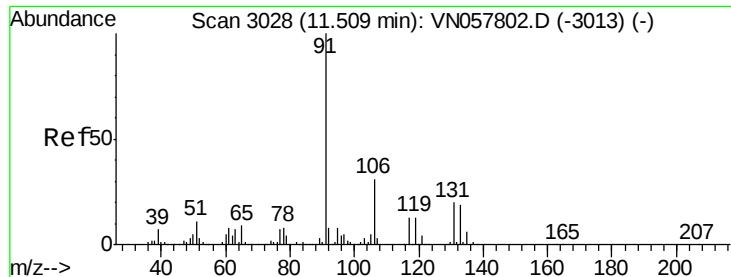


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

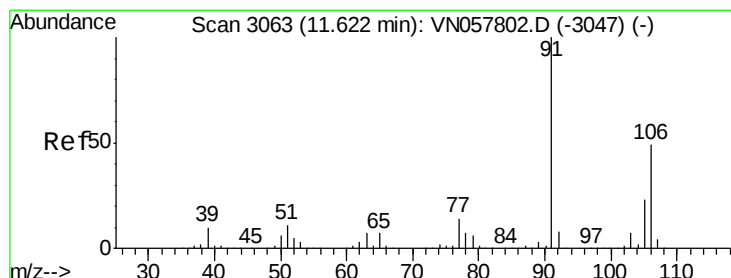
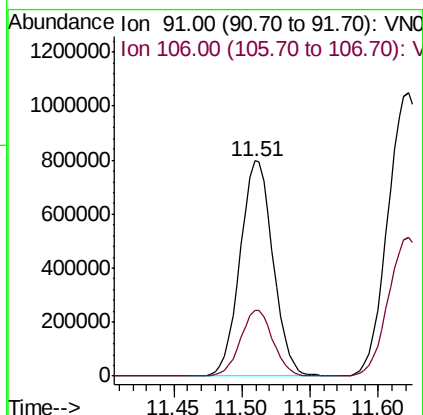
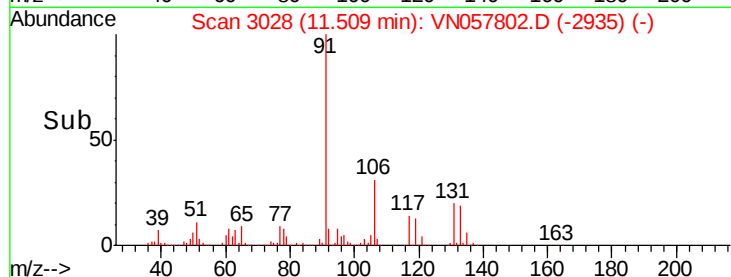
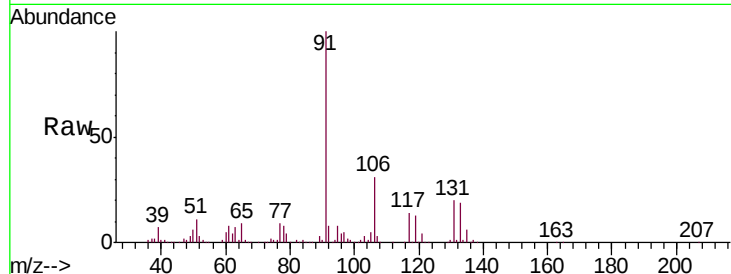




#67
Ethyl Benzene
Concen: 47.233 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

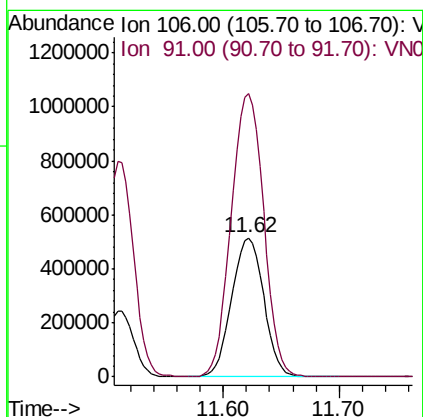
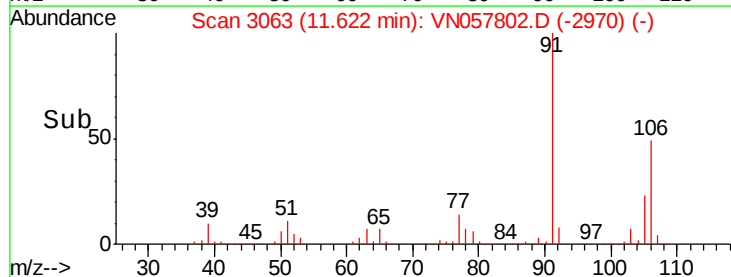
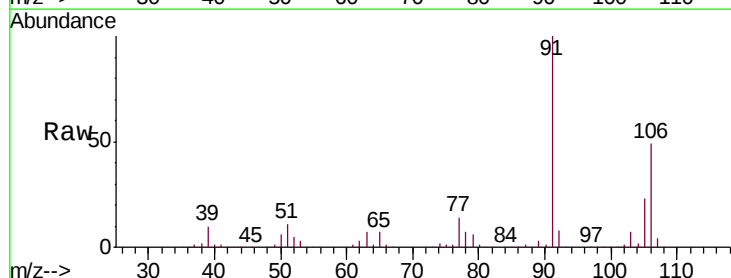
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

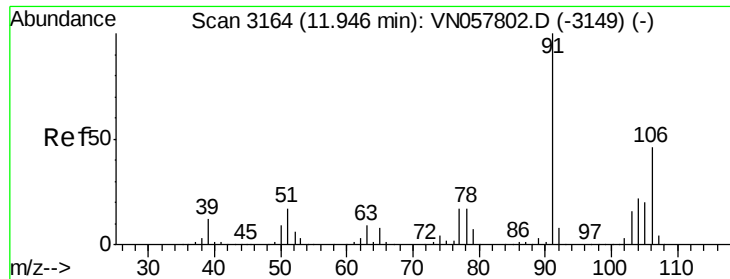
Tgt Ion: 91 Resp: 1336992
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#68
m/p-Xylenes
Concen: 99.960 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 106 Resp: 984280
Ion Ratio Lower Upper
106 100
91 207.2 165.8 248.6

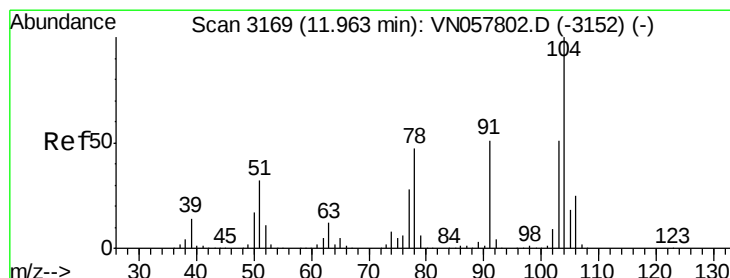
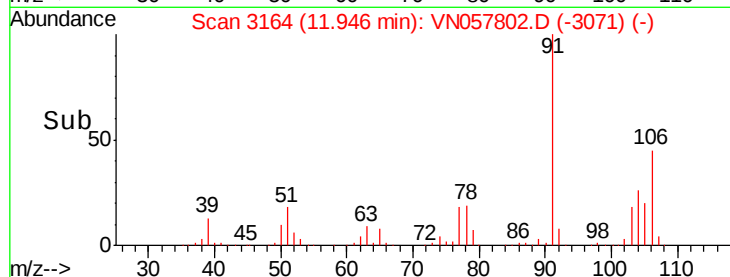
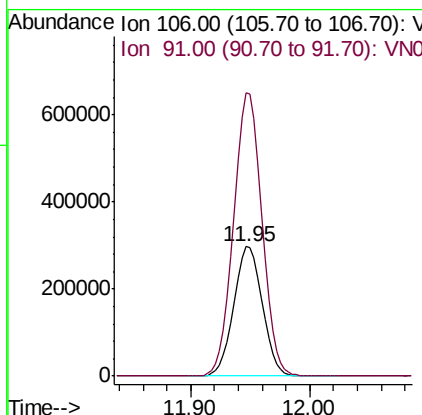
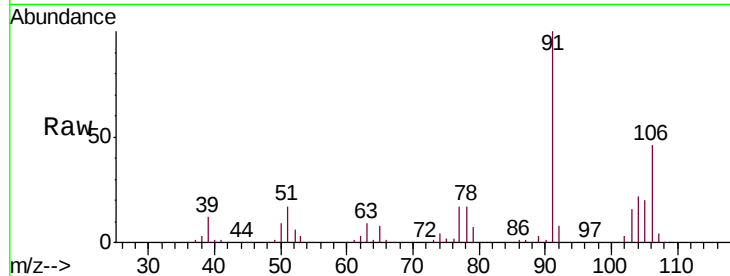




#69
o-Xylene
Concen: 50.627 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

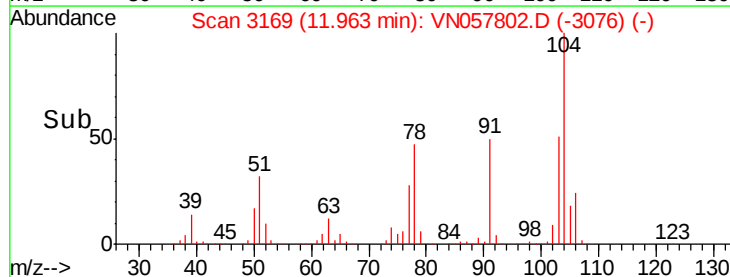
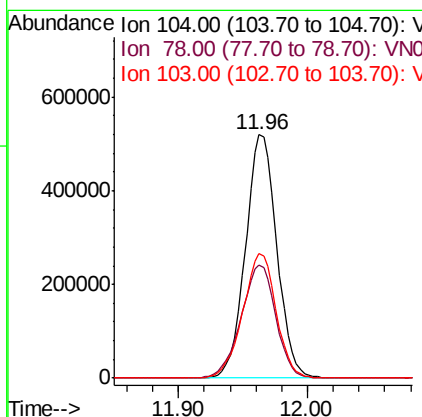
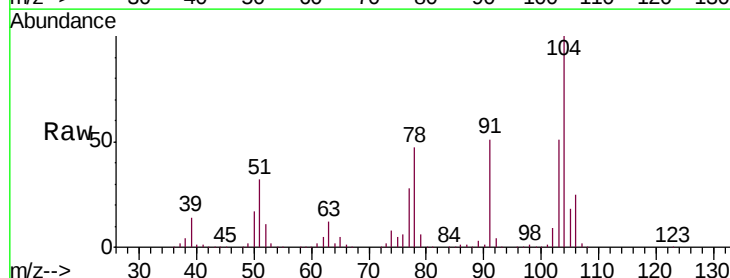
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

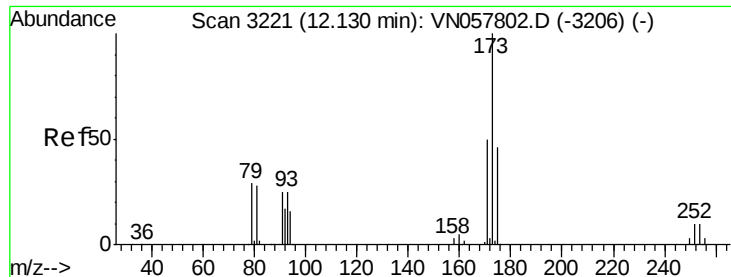
Tgt Ion:106 Resp: 495793
Ion Ratio Lower Upper
106 100
91 217.4 108.7 326.1



#70
Styrene
Concen: 51.660 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion:104 Resp: 878056
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 54.6 43.7 65.5

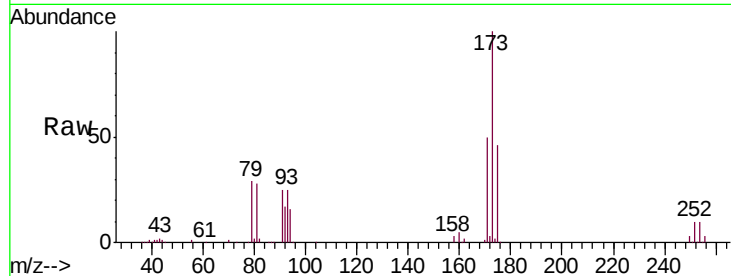




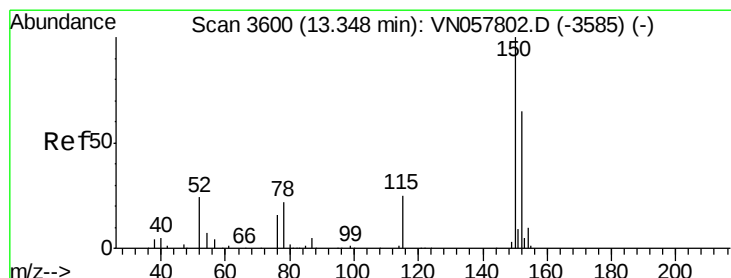
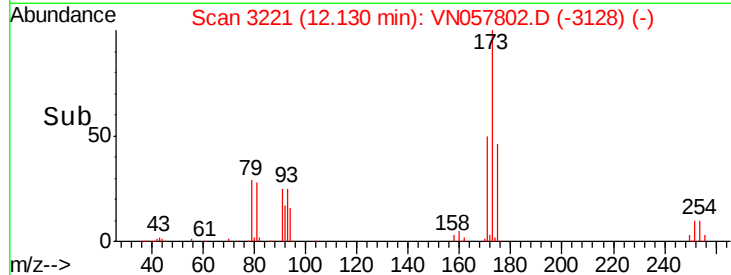
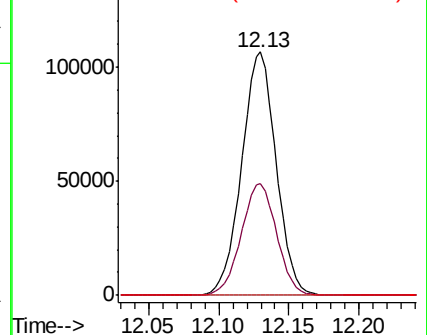
#71
Bromoform
Concen: 54.641 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion:173 Resp: 182747
Ion Ratio Lower Upper
173 100
175 47.1 23.5 70.6
254 0.1 0.1 0.1

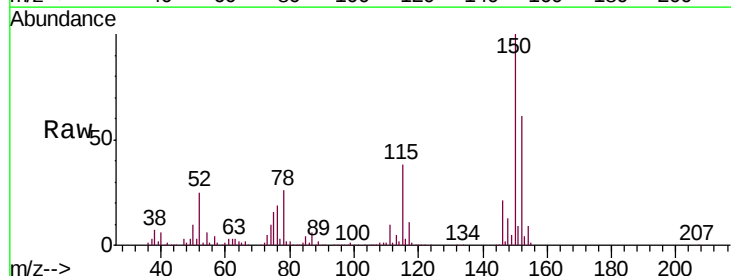


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

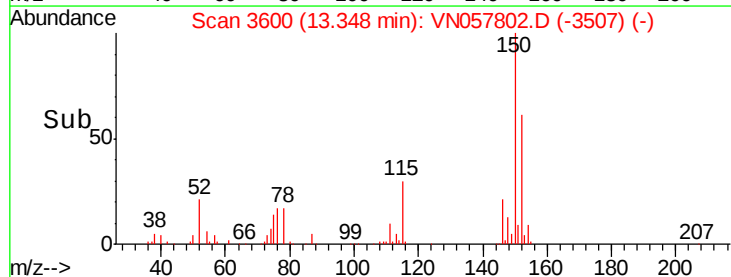
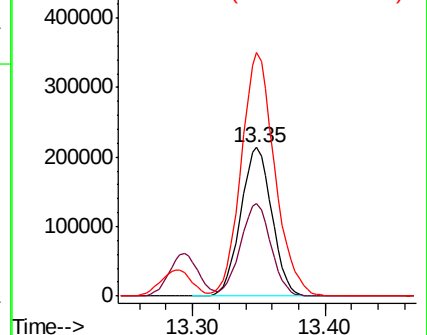


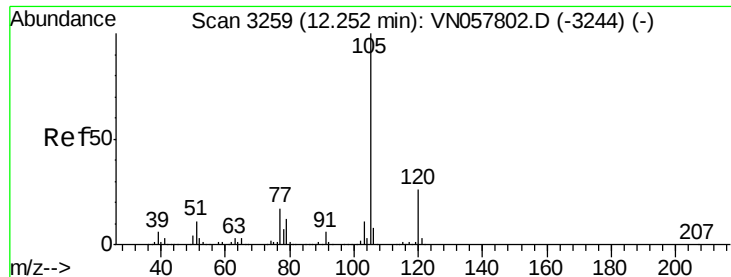
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion:152 Resp: 348742
Ion Ratio Lower Upper
152 100
115 60.7 30.3 91.0
150 176.2 0.0 352.4



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: 45.402 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

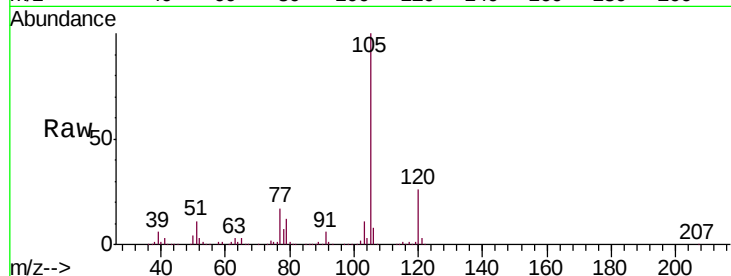
VSTDICCC050

Tgt Ion:105 Resp: 1372264

Ion Ratio Lower Upper

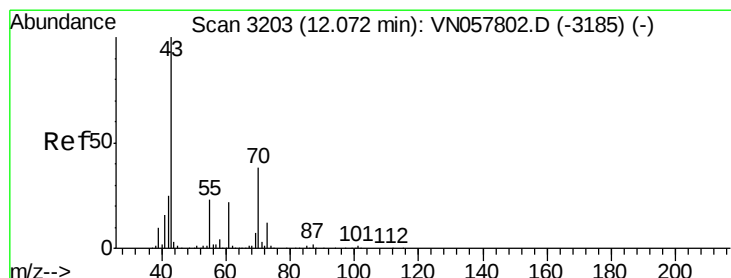
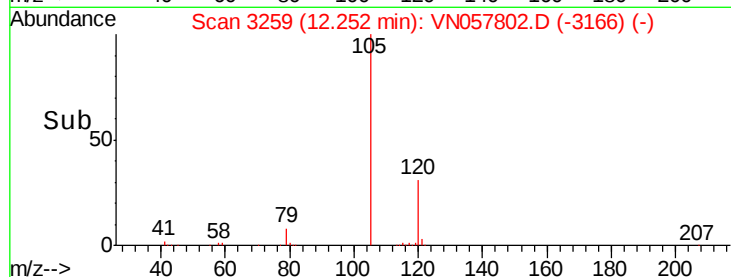
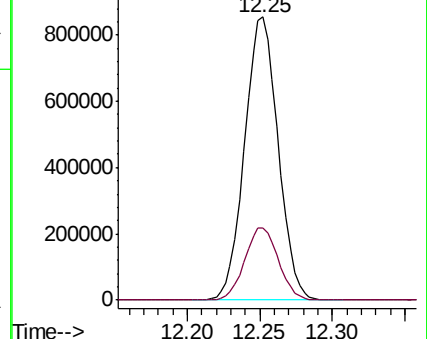
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.571 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Tgt Ion: 43 Resp: 616140

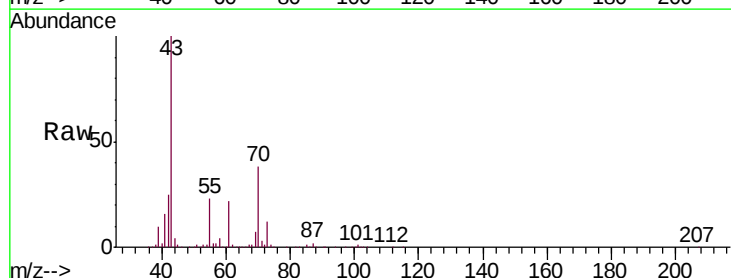
Ion Ratio Lower Upper

43 100

70 38.2 30.6 45.8

55 23.2 18.6 27.8

61 21.8 17.4 26.2

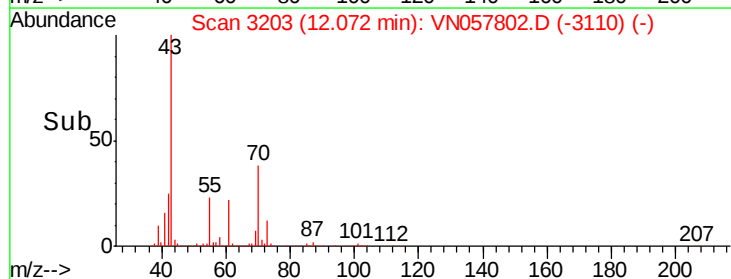
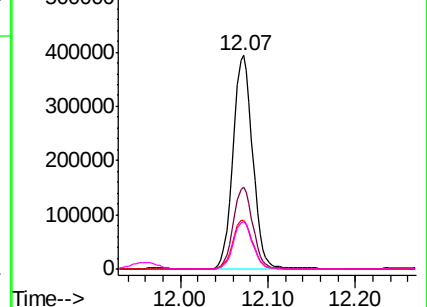


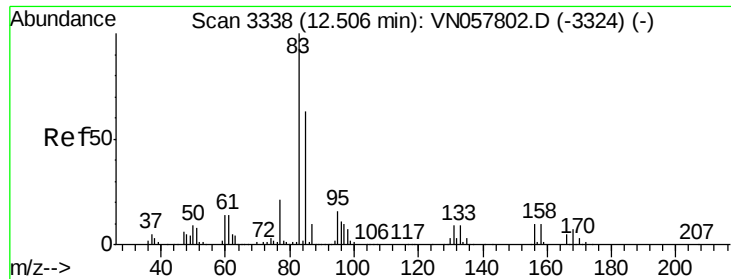
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.216 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

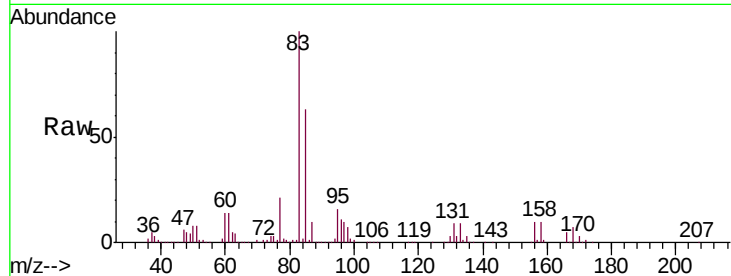
Tgt Ion: 83 Resp: 453602

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

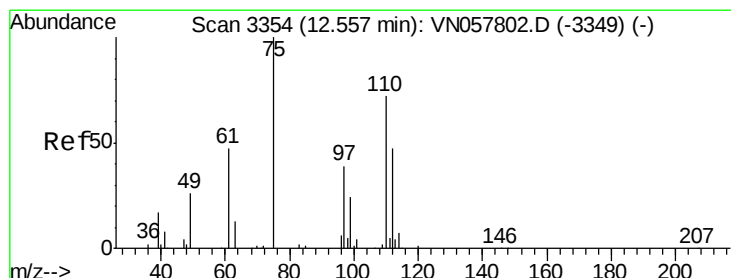
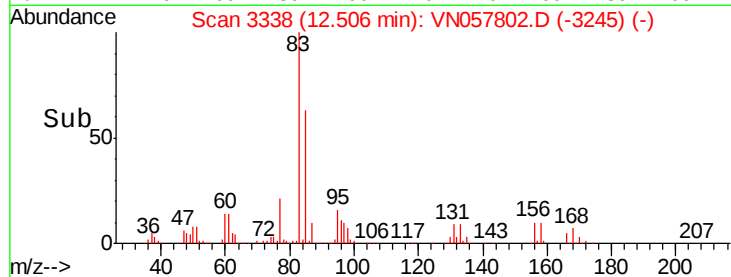
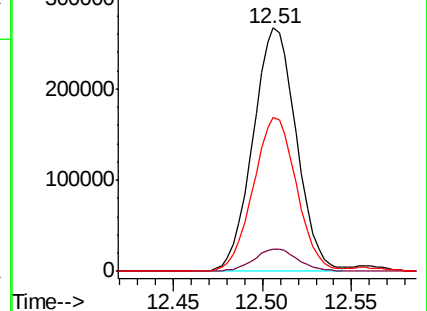
85 63.1 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 68.806 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057802.D

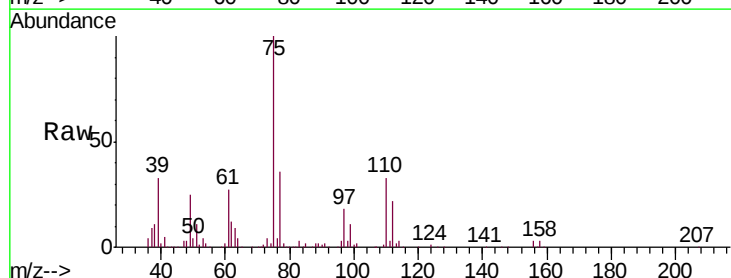
Acq: 9 Sep 2019 15:48

Tgt Ion: 75 Resp: 547065

Ion Ratio Lower Upper

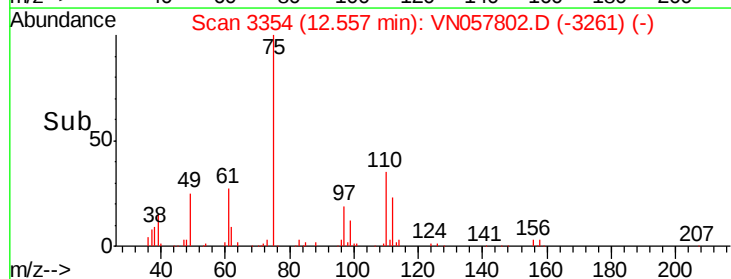
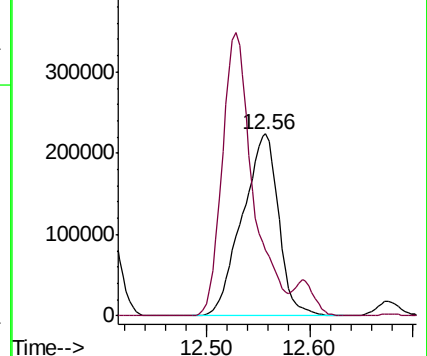
75 100

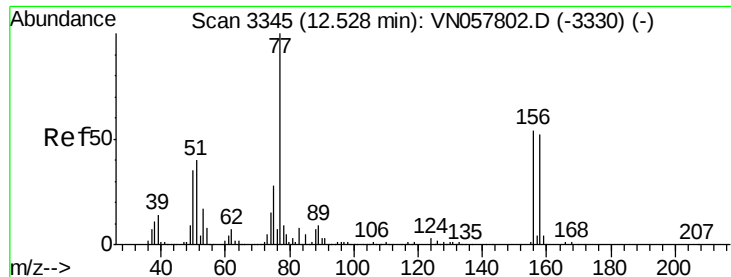
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.967 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

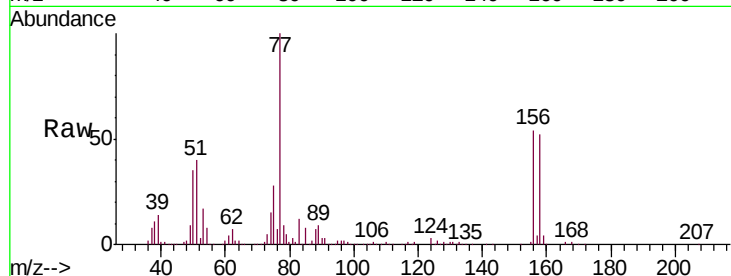
Tgt Ion:156 Resp: 318484

Ion Ratio Lower Upper

156 100

77 227.4 113.7 341.1

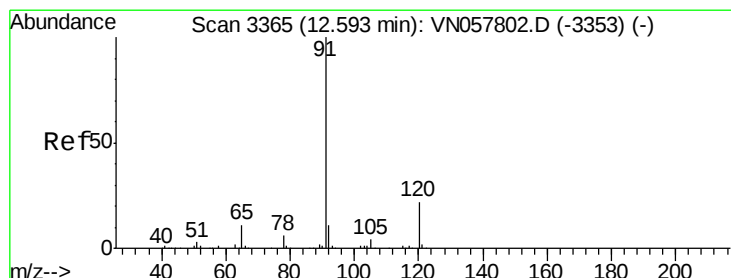
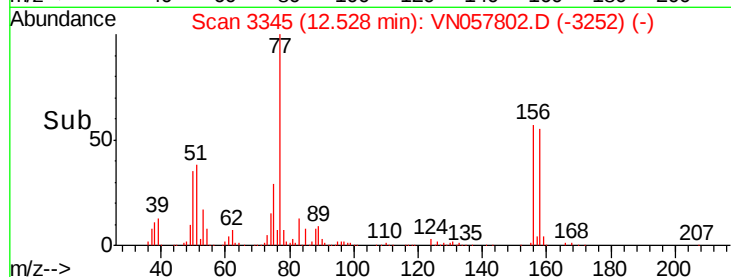
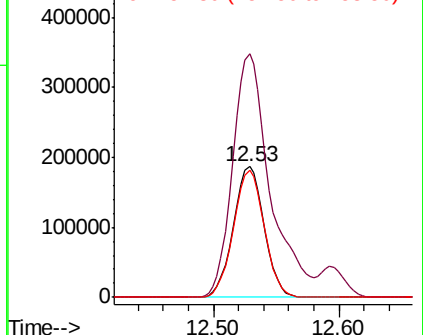
158 97.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.018 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057802.D

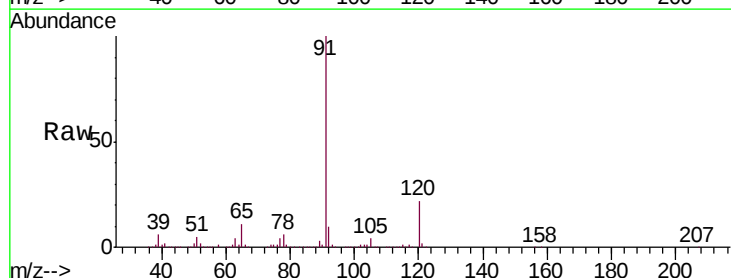
Acq: 9 Sep 2019 15:48

Tgt Ion: 91 Resp: 1608292

Ion Ratio Lower Upper

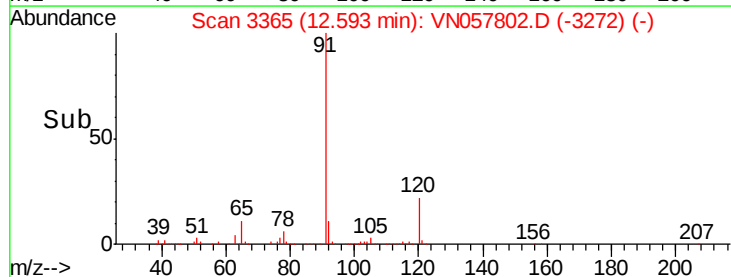
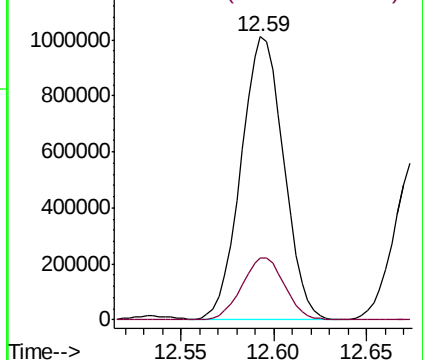
91 100

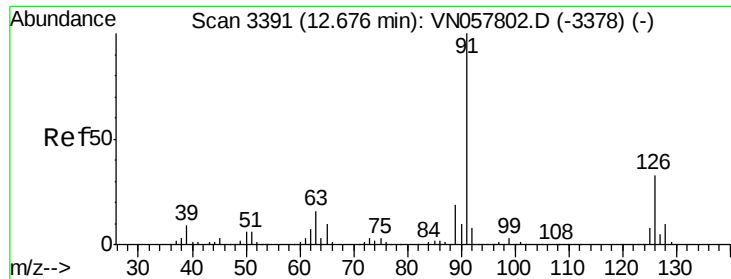
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

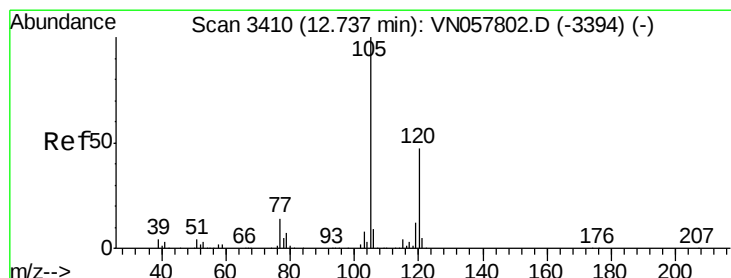
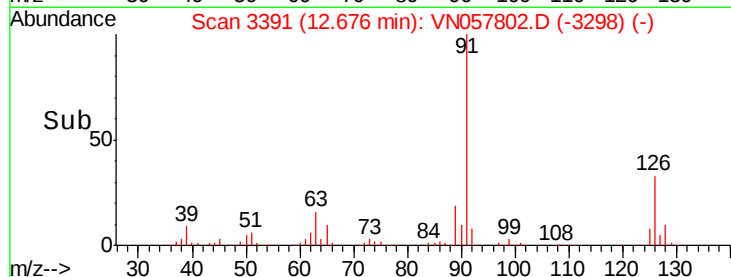
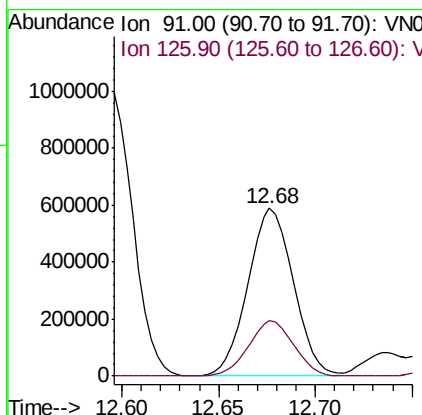
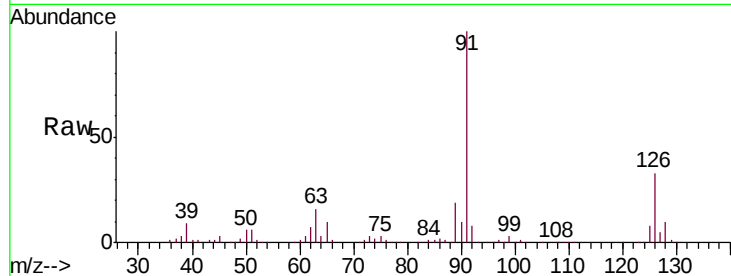




#79
 2-Chlorotoluene
 Concen: 44.052 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

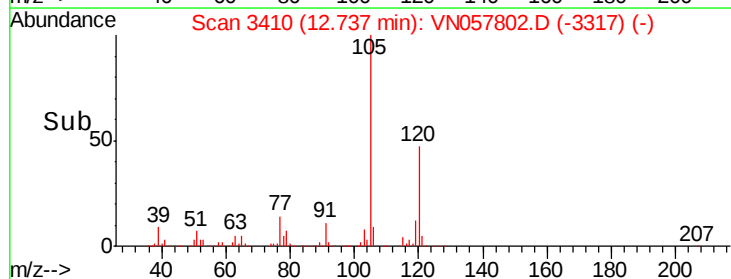
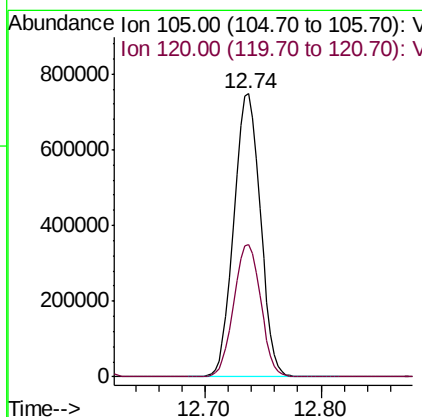
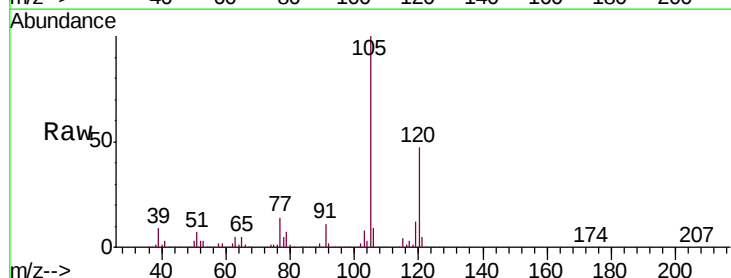
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

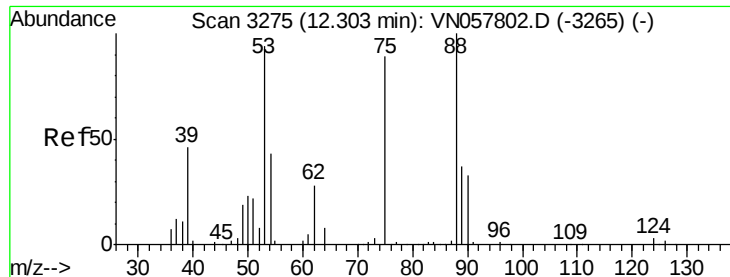
Tgt Ion: 91 Resp: 959975
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 45.792 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 105 Resp: 1177965
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 48.150 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

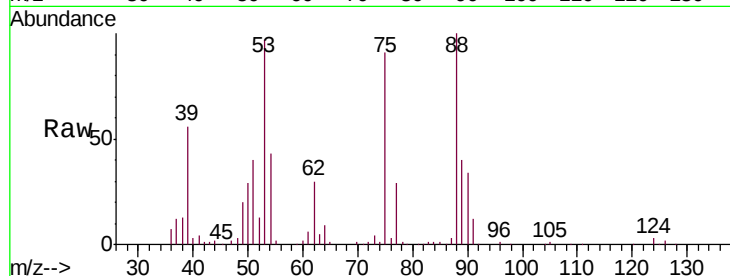
Tgt Ion: 75 Resp: 122385

Ion Ratio Lower Upper

75 100

53 110.5 88.4 132.6

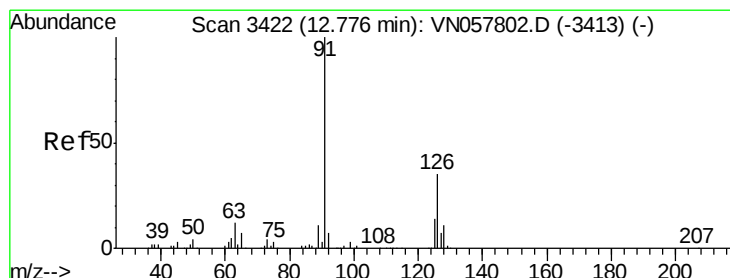
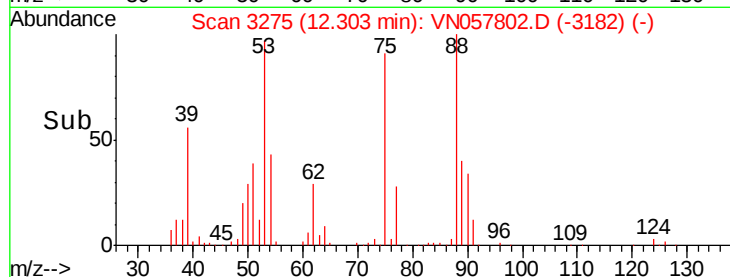
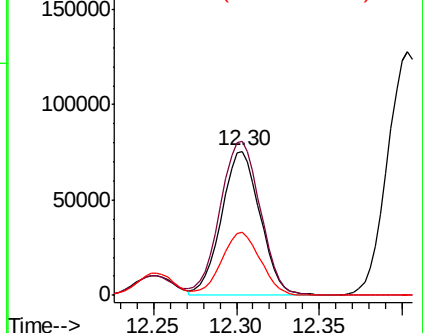
89 44.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 45.060 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057802.D

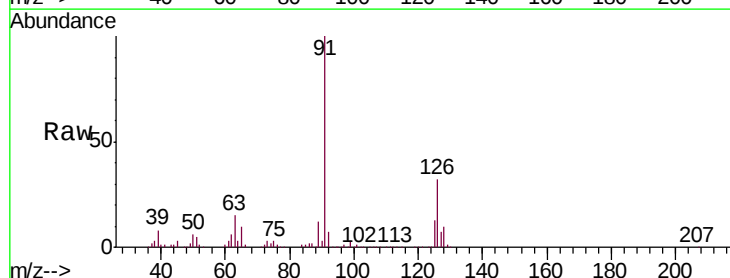
Acq: 9 Sep 2019 15:48

Tgt Ion: 91 Resp: 1013829

Ion Ratio Lower Upper

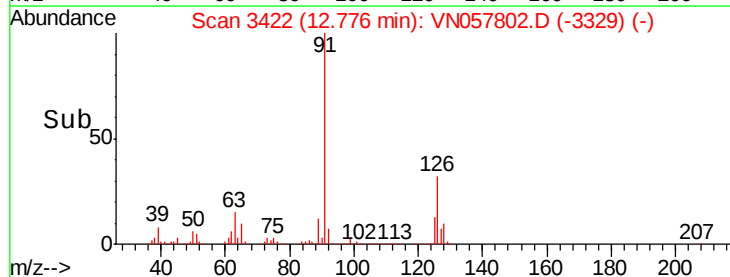
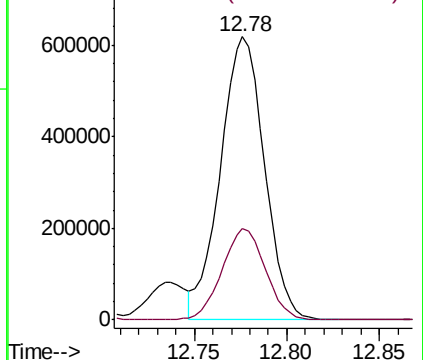
91 100

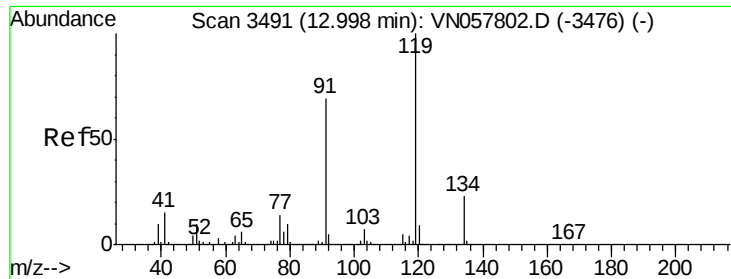
126 32.0 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

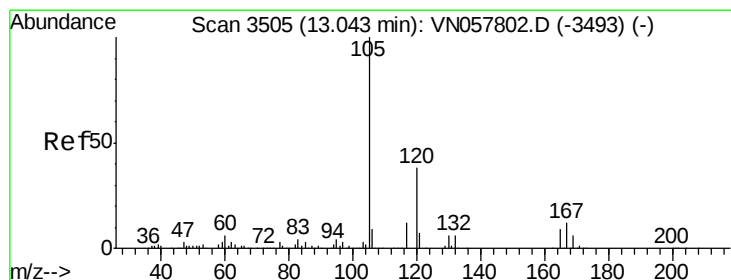
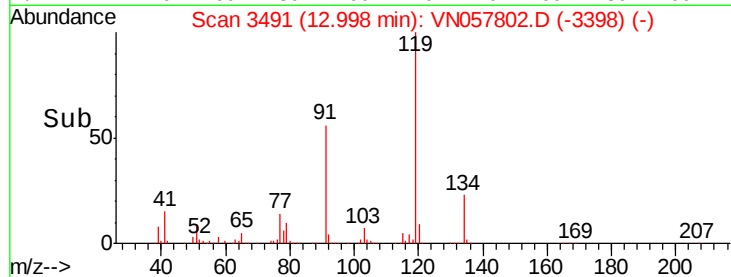
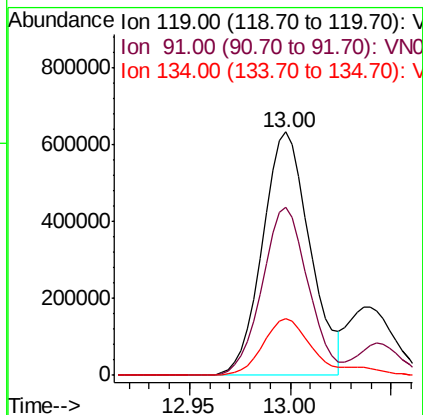
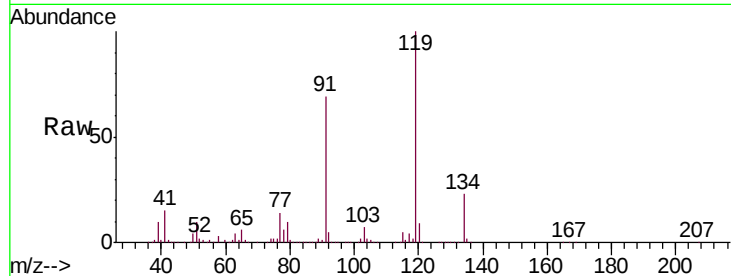




#83
 tert-Butylbenzene
 Concen: 47.301 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

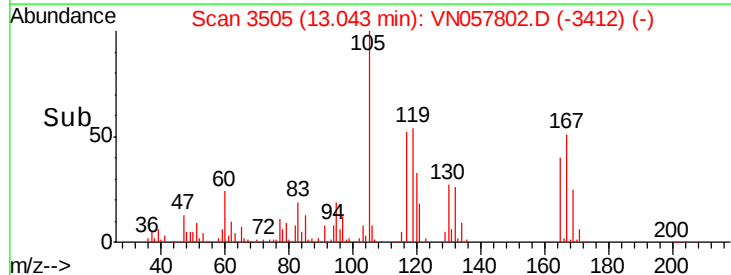
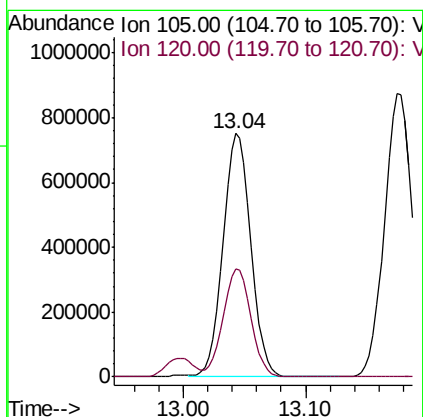
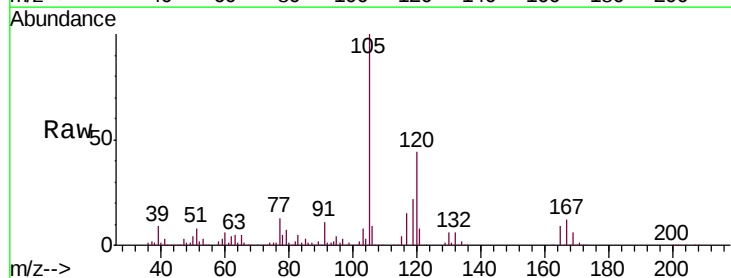
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

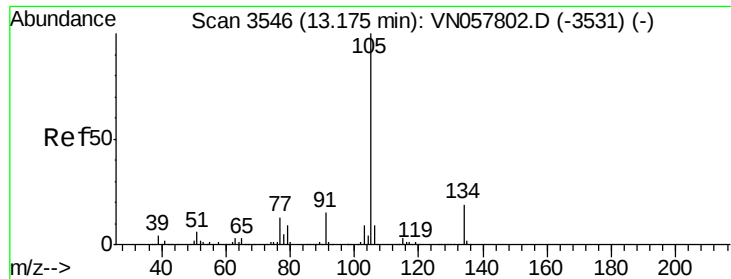
Tgt Ion:119 Resp: 1034611
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.6 100.8
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.063 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion:105 Resp: 1200465
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 46.746 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

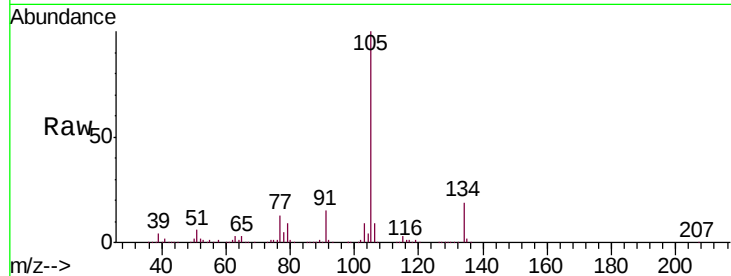
VSTDICCC050

Tgt Ion:105 Resp: 1402159

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

800000

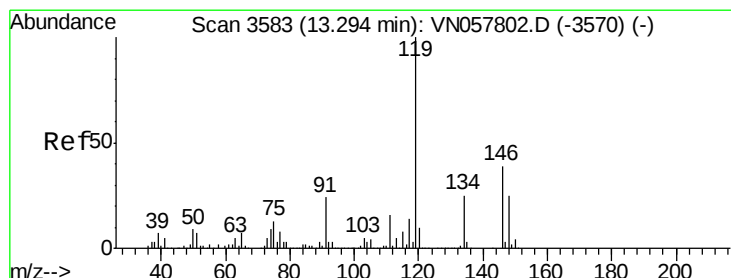
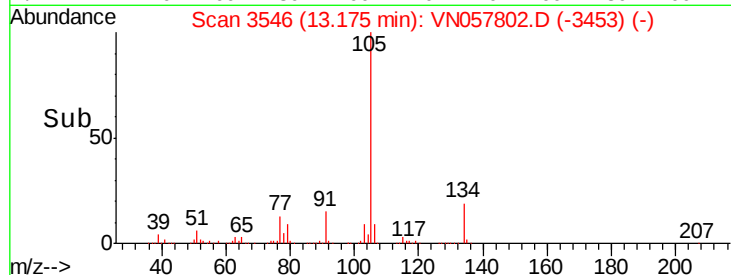
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.601 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

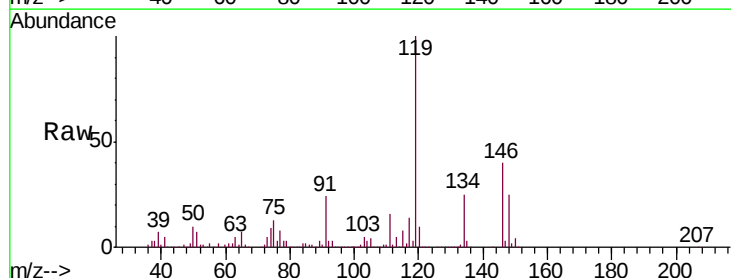
Tgt Ion:119 Resp: 1269697

Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

91 24.5 12.3 36.8



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

13.29

800000

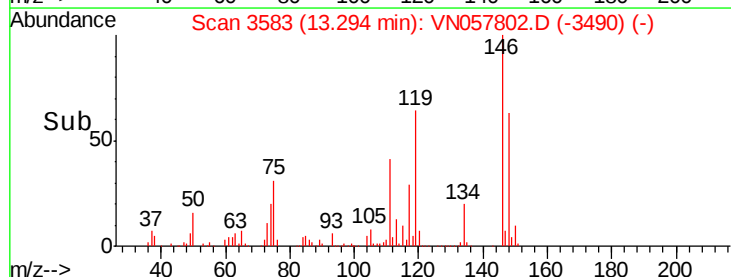
600000

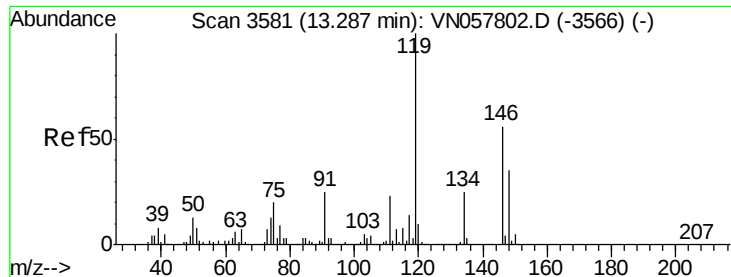
400000

200000

0

Time-->

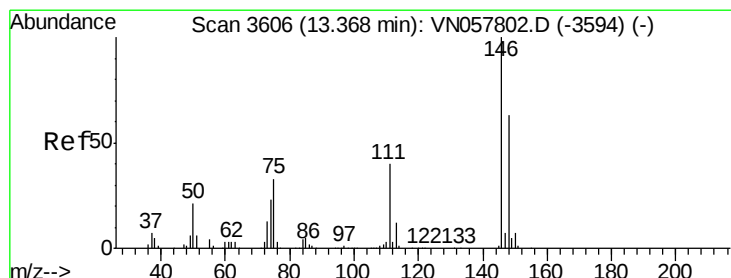
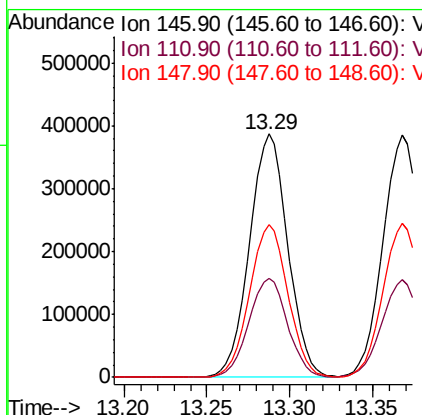
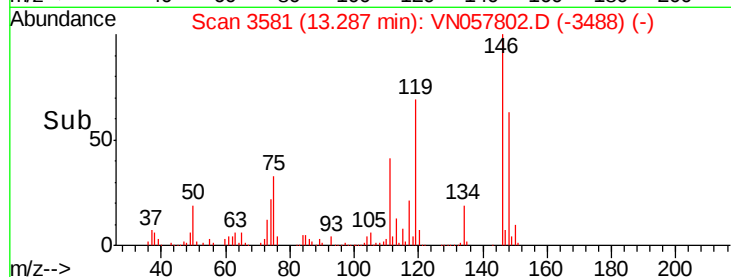
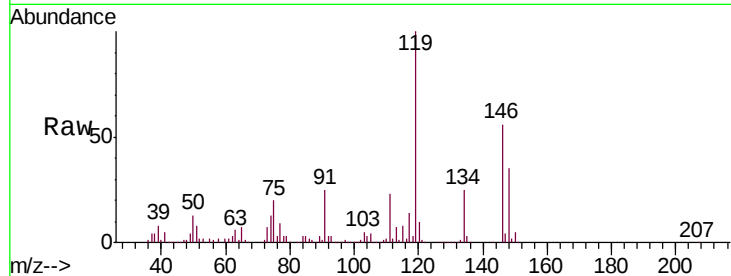




#87
 1,3-Dichlorobenzene
 Concen: 49.539 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

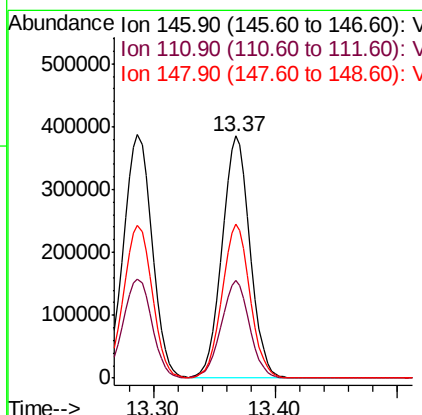
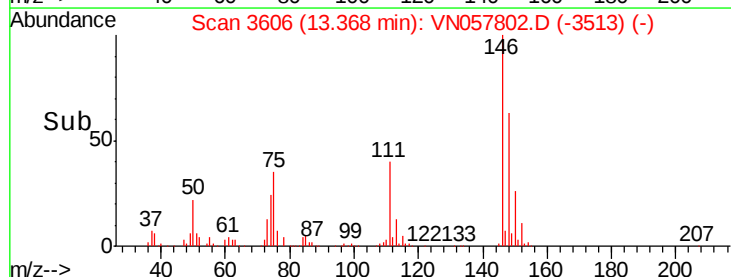
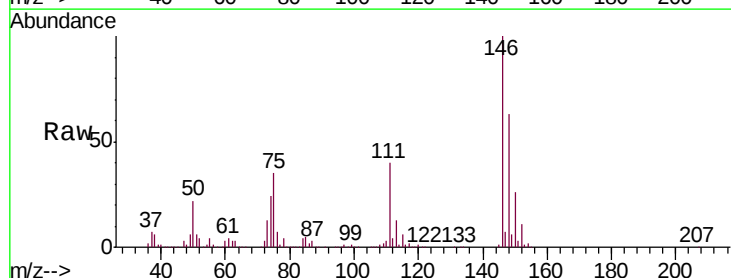
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

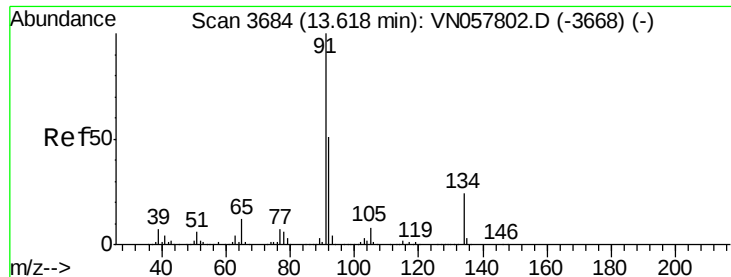
Tgt Ion:146 Resp: 620850
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.0 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 49.296 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion:146 Resp: 617951
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 63.6 31.8 95.4

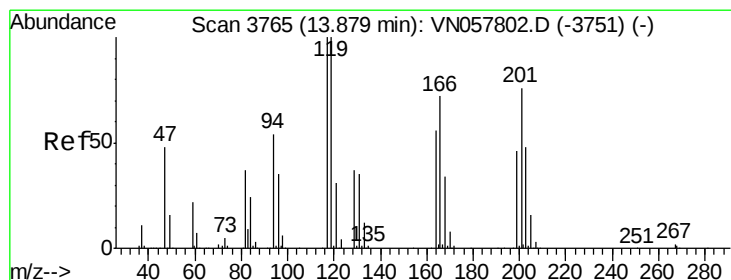
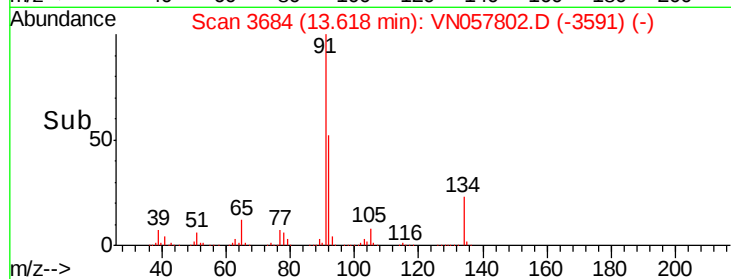
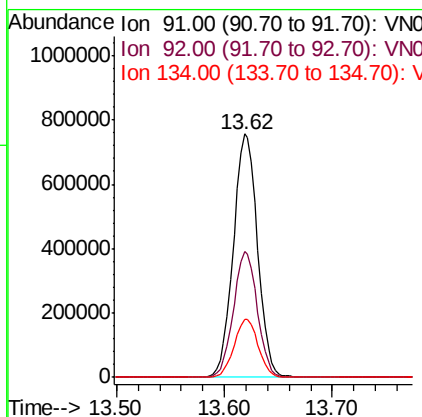
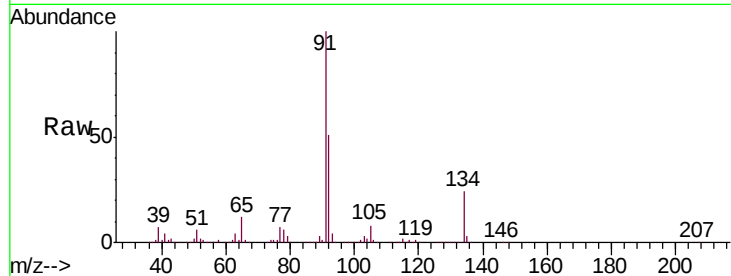




#89
n-Butylbenzene
Concen: 47.155 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

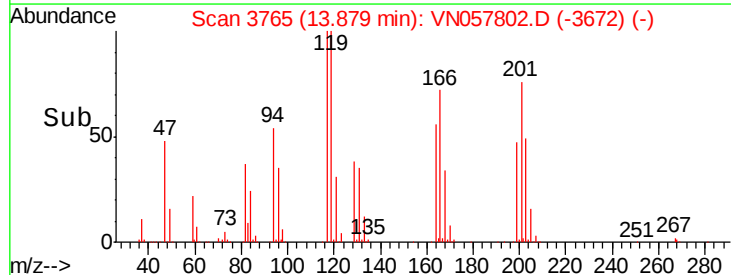
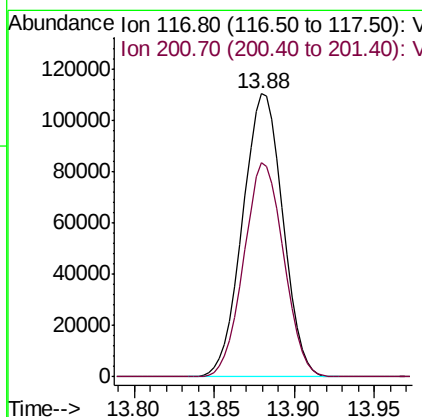
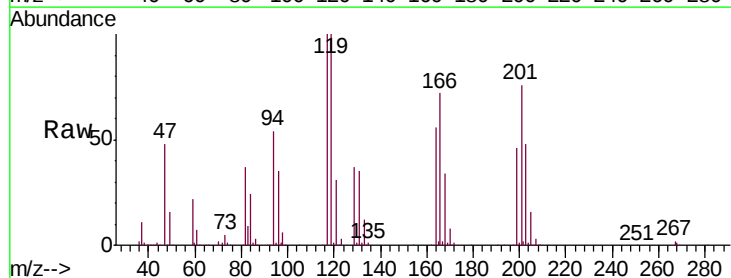
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

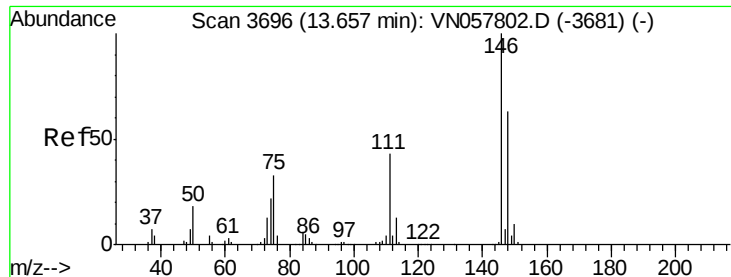
Tgt Ion: 91 Resp: 1183267
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 23.8 11.9 35.7



#90
Hexachloroethane
Concen: 48.140 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057802.D
Acq: 9 Sep 2019 15:48

Tgt Ion: 117 Resp: 190282
Ion Ratio Lower Upper
117 100
201 75.1 37.5 112.7

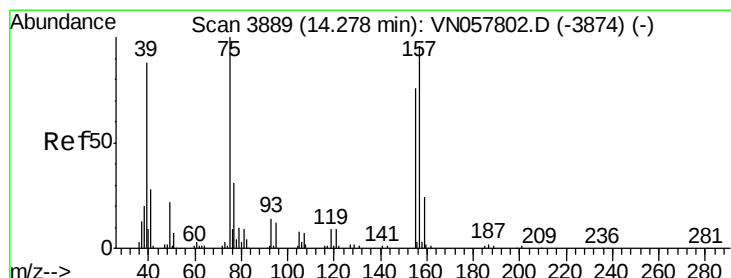
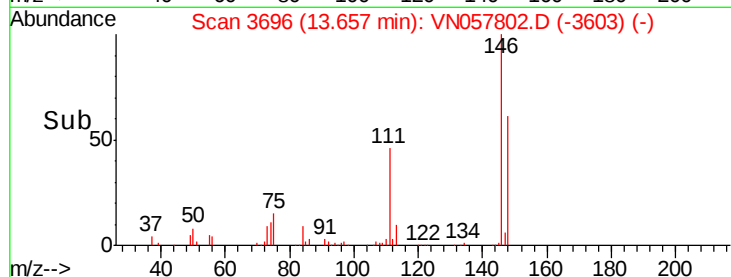
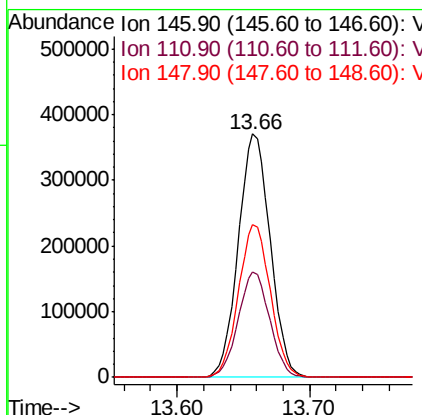
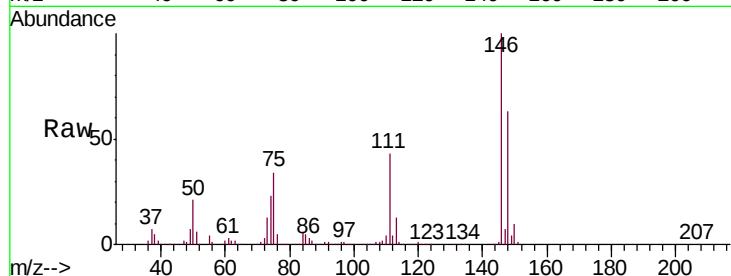




#91
 1,2-Dichlorobenzene
 Concen: 50.236 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

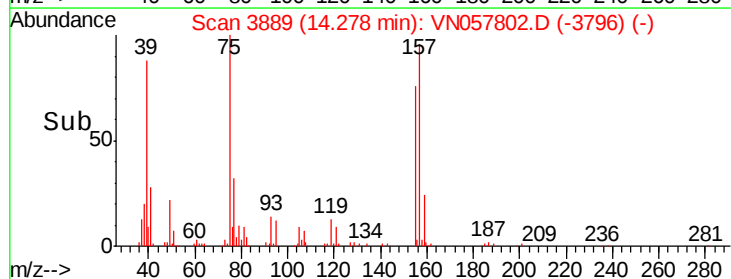
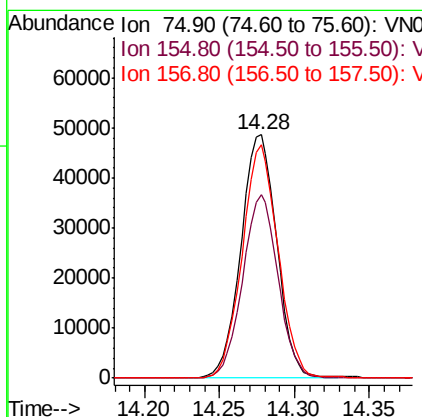
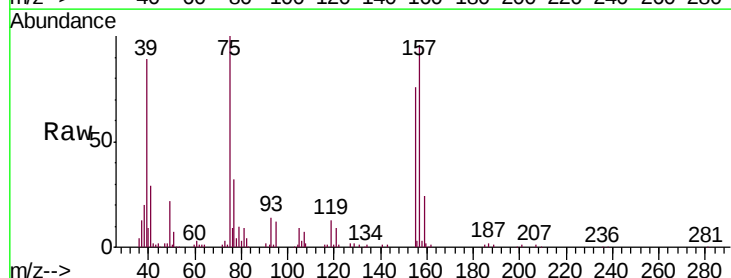
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

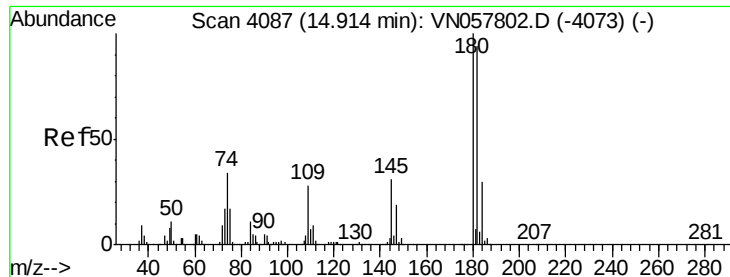
Tgt Ion:146 Resp: 619154
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.3 63.9
 148 62.9 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.935 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion: 75 Resp: 81118
 Ion Ratio Lower Upper
 75 100
 155 74.5 37.3 111.8
 157 95.9 47.9 143.8

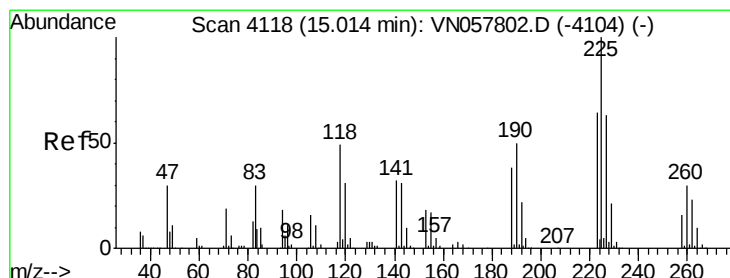
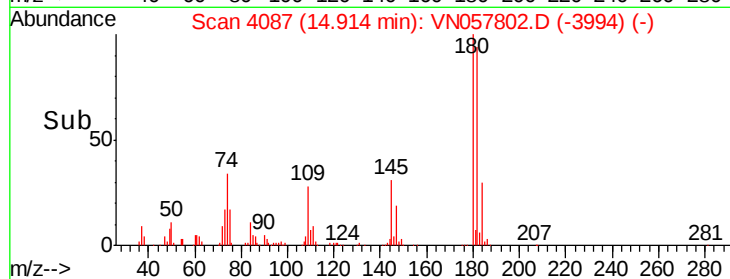
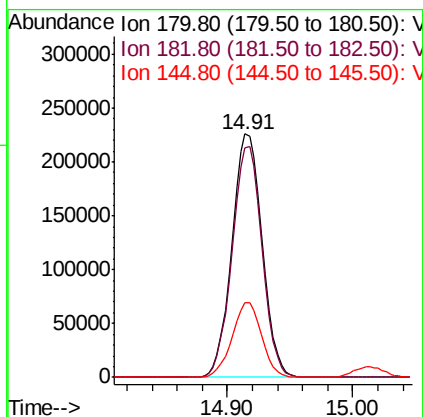
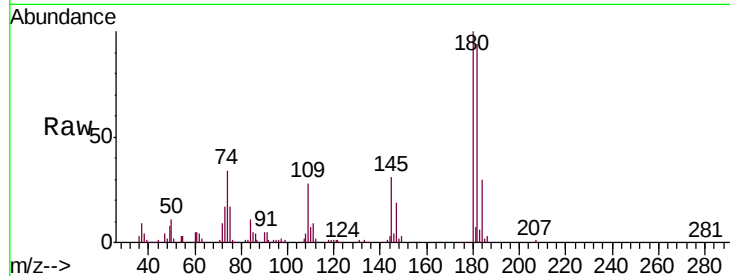




#93
 1,2,4-Trichlorobenzene
 Concen: 51.403 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

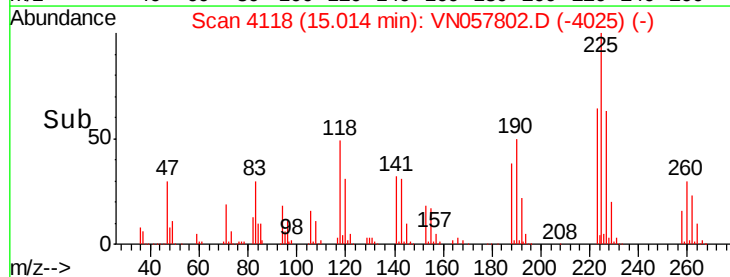
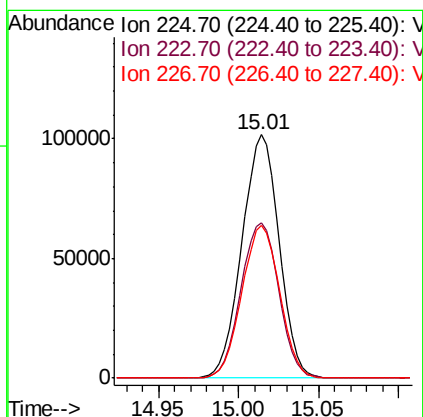
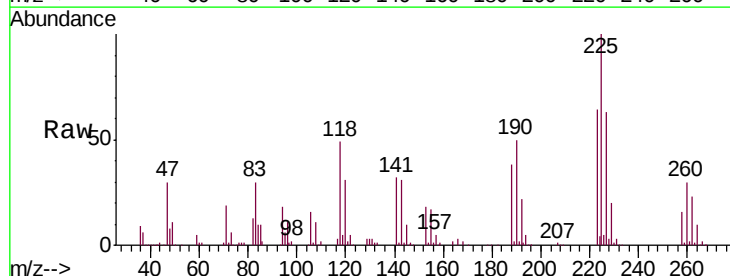
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

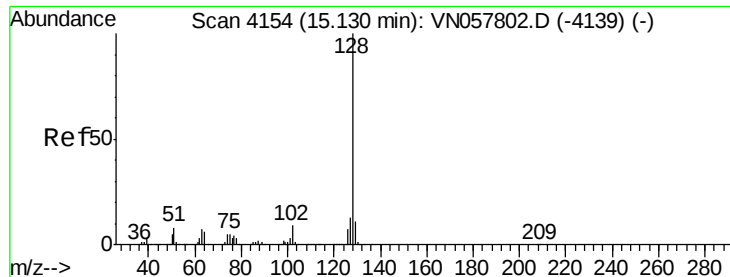
Tgt Ion:180 Resp: 378373
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.8
 145 29.8 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 45.913 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057802.D
 Acq: 9 Sep 2019 15:48

Tgt Ion:225 Resp: 161920
 Ion Ratio Lower Upper
 225 100
 223 64.8 32.4 97.2
 227 63.6 31.8 95.4





#95

Naphthalene

Concen: 50.976 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

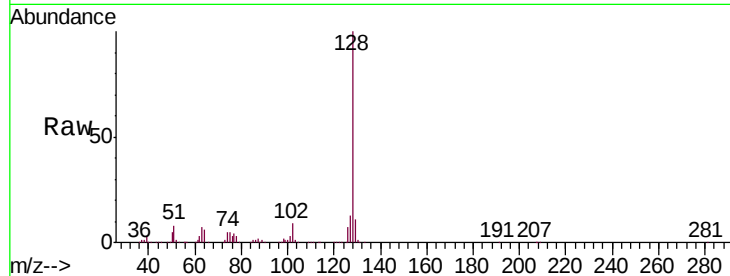
Tgt Ion:128 Resp: 1089819

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

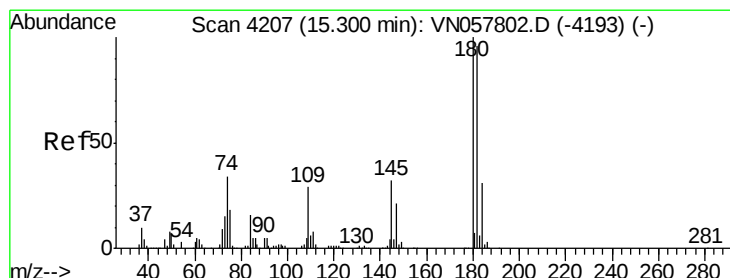
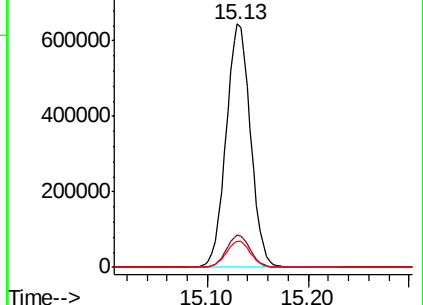
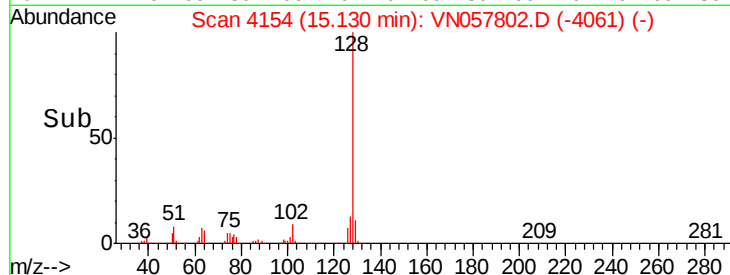
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.918 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057802.D

Acq: 9 Sep 2019 15:48

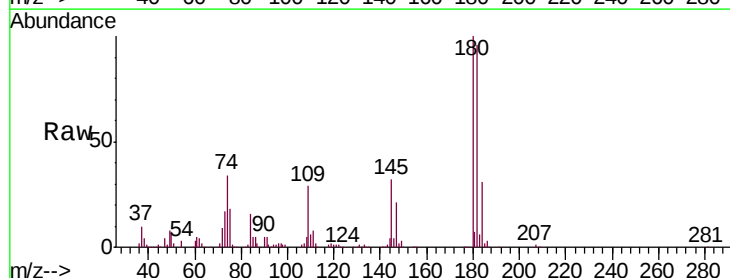
Tgt Ion:180 Resp: 351152

Ion Ratio Lower Upper

180 100

182 96.5 48.3 144.8

145 32.5 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

