

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057244.D
 Acq On : 13 Aug 2019 12:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 05:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1239804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1788000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1628451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	677051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	651521	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.58	113	589390	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.09	98	2235183	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.40	95	751888	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	518103	44.883	ug/l	100
3) Chloromethane	2.05	50	598309	39.315	ug/l	100
4) Vinyl Chloride	2.18	62	578369	39.543	ug/l	100
5) Bromomethane	2.54	94	414588	46.904	ug/l	100
6) Chloroethane	2.69	64	385701	44.274	ug/l	100
7) Trichlorofluoromethane	3.02	101	895670	46.388	ug/l	100
8) Diethyl Ether	3.40	74	327703	44.293	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	534389	46.244	ug/l	100
10) Methyl Iodide	3.95	142	892995	55.957	ug/l	100
11) Tert butyl alcohol	4.75	59	423594	195.007	ug/l	100
12) 1,1-Dichloroethene	3.73	96	528081	45.669	ug/l	100
13) Acrolein	3.60	56	300806	324.153	ug/l	100
14) Allyl chloride	4.31	41	823897	41.998	ug/l	100
15) Acrylonitrile	4.97	53	1226651	194.194	ug/l	100
16) Acetone	3.80	43	1095784	181.682	ug/l	100
17) Carbon Disulfide	4.05	76	1453857	47.299	ug/l	100
18) Methyl Acetate	4.31	43	557384	33.759	ug/l	100
19) Methyl tert-butyl Ether	5.03	73	1604288	43.969	ug/l	100
20) Methylene Chloride	4.54	84	602290	44.174	ug/l	100
21) trans-1,2-Dichloroethene	5.03	96	565422	46.351	ug/l	100
22) Diisopropyl ether	5.94	45	1586717	41.222	ug/l	100
23) Vinyl Acetate	5.88	43	6520430	209.879	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1000276	44.121	ug/l	100
25) 2-Butanone	6.82	43	1561833	178.355	ug/l	100
26) 2,2-Dichloropropane	6.81	77	851445	50.913	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	661170	47.065	ug/l	100
28) Bromochloromethane	7.19	49	420946	40.218	ug/l	100
29) Tetrahydrofuran	7.20	42	994188	174.829	ug/l	100
30) Chloroform	7.36	83	1017078	44.501	ug/l	100
31) Cyclohexane	7.65	56	865906	40.982	ug/l	100
32) 1,1,1-Trichloroethane	7.56	97	909390	49.777	ug/l	100
36) 1,1-Dichloropropene	7.79	75	780479	47.299	ug/l	100
37) Ethyl Acetate	6.91	43	627204	40.218	ug/l	100
38) Carbon Tetrachloride	7.77	117	825213	52.384	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057244.D
 Acq On : 13 Aug 2019 12:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 14 05:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 05:31:30 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	940223	46.463	ug/l	100
40) Benzene	8.03	78	2348102	46.658	ug/l	100
41) Methacrylonitrile	7.19	41	893248	131.749	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	765398	47.891	ug/l	100
43) Isopropyl Acetate	8.16	43	1069823	43.002	ug/l	100
44) Trichloroethene	8.83	130	675267	48.794	ug/l	100
45) 1,2-Dichloropropane	9.11	63	596966	45.032	ug/l	100
46) Dibromomethane	9.20	93	405516	48.790	ug/l	100
47) Bromodichloromethane	9.40	83	805069	50.607	ug/l	100
48) Methyl methacrylate	9.19	41	503662	42.129	ug/l	100
49) 1,4-Dioxane	9.19	88	213390	856.254	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	3095435	194.840	ug/l	100
52) Toluene	10.15	92	1503337	49.937	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	881345	53.008	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	981325	51.077	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	573496	45.833	ug/l	100
56) Ethyl methacrylate	10.43	69	847733	47.631	ug/l	100
57) 1,3-Dichloropropane	10.70	76	952996	46.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1065327	134.970	ug/l	100
59) 2-Hexanone	10.75	43	2255212	198.765	ug/l	100
60) Dibromochloromethane	10.90	129	655377	52.501	ug/l	100
61) 1,2-Dibromoethane	11.00	107	611510	49.017	ug/l	100
64) Tetrachloroethene	10.63	164	670251	47.489	ug/l	100
65) Chlorobenzene	11.43	112	1648778	49.362	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	641324	51.793	ug/l	100
67) Ethyl Benzene	11.51	91	2862108	48.983	ug/l	100
68) m/p-Xylenes	11.62	106	2154983	98.759	ug/l	100
69) o-Xylene	11.95	106	1046772	48.810	ug/l	100
70) Styrene	11.96	104	1734587	50.197	ug/l	100
71) Bromoform	12.13	173	512181	54.432	ug/l	100
73) Isopropylbenzene	12.25	105	2825281	50.809	ug/l	100
74) N-amyl acetate	12.07	43	829825	41.935	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	778791	42.586	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	977141	67.030	ug/l #	100
77) Bromobenzene	12.53	156	749676	51.456	ug/l	100
78) n-propylbenzene	12.59	91	3003752	49.183	ug/l	100
79) 2-Chlorotoluene	12.67	91	1842854	48.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2360770	50.258	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	251170	52.003	ug/l	100
82) 4-Chlorotoluene	12.77	91	1752765	49.006	ug/l	100
83) tert-Butylbenzene	12.99	119	2120213	51.365	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2234210	49.096	ug/l	100
85) sec-Butylbenzene	13.17	105	2633439	50.532	ug/l	100
86) p-Isopropyltoluene	13.29	119	2318925	49.383	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1155391	49.113	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1085430	47.711	ug/l	100
89) n-Butylbenzene	13.62	91	1690249	45.786	ug/l	100
90) Hexachloroethane	13.88	117	436019	55.946	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1115750	46.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	110964	39.321	ug/l	100

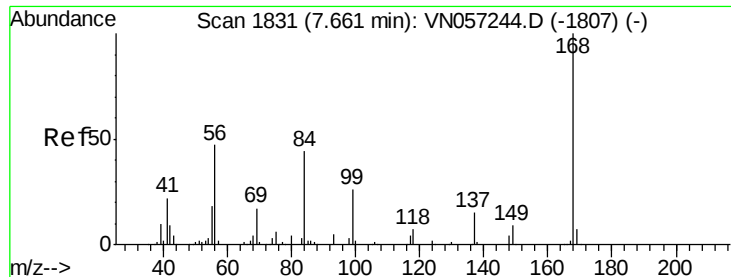
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
Data File : VN057244.D
Acq On : 13 Aug 2019 12:39
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Aug 14 05:35:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 05:31:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	417403	40.439	ug/l	100
94) Hexachlorobutadiene	15.01	225	476739	53.739	ug/l	100
95) Naphthalene	15.13	128	761923	28.741	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	369071	35.066	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

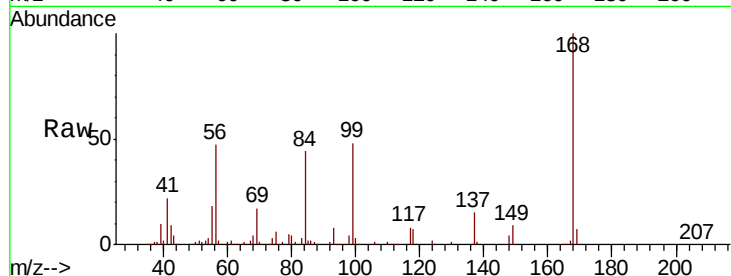
VSTDICCC050

Tgt Ion:168 Resp: 1239804

Ion Ratio Lower Upper

168 100

99 48.3 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

100000

0

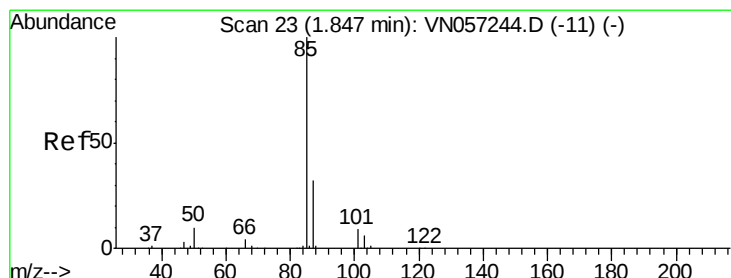
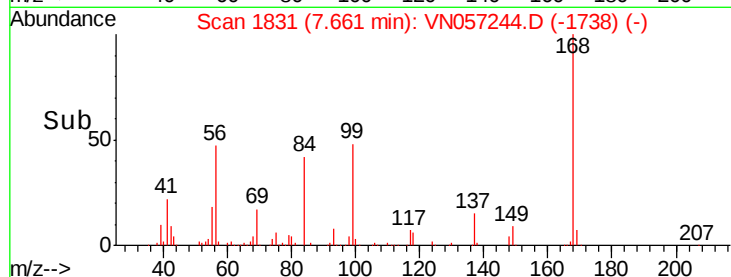
7.50

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.883 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057244.D

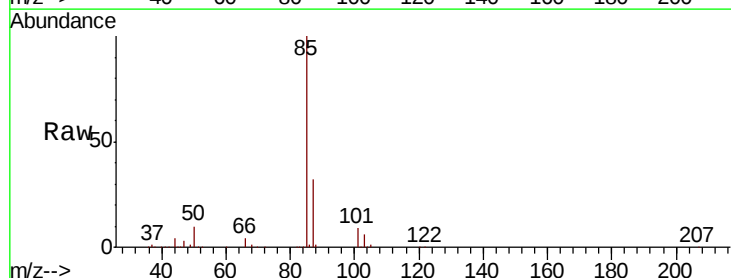
Acq: 13 Aug 2019 12:39

Tgt Ion: 85 Resp: 518103

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

200000

100000

0

1.75

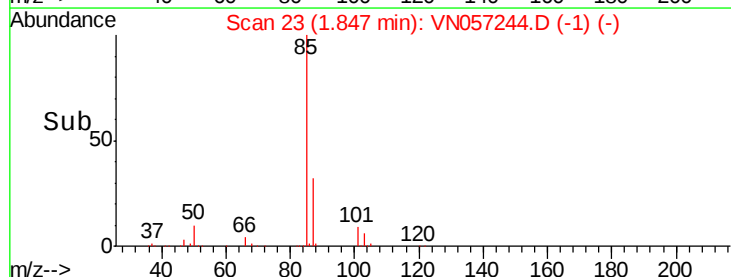
1.80

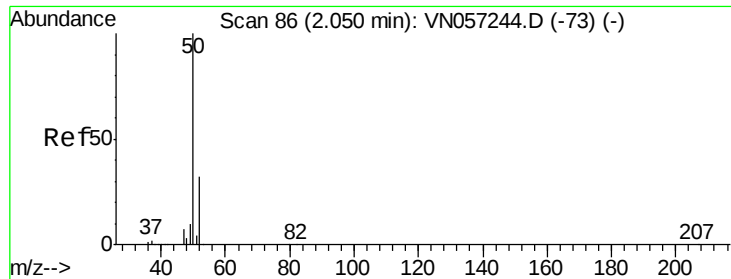
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 39.315 ug/l

RT: 2.05 min Scan# 86

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

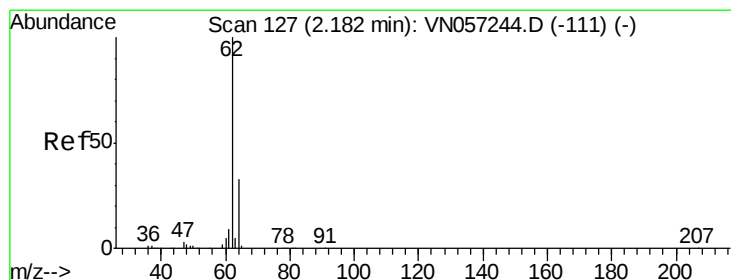
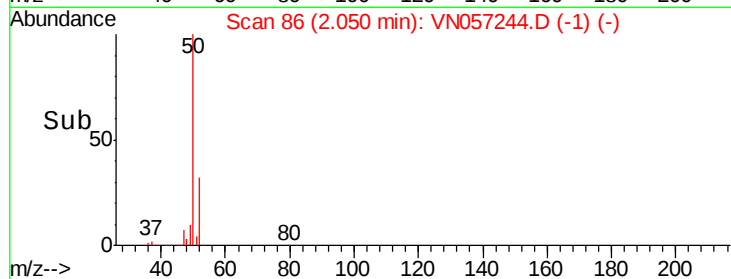
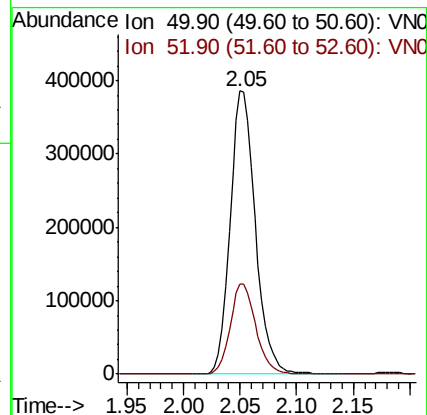
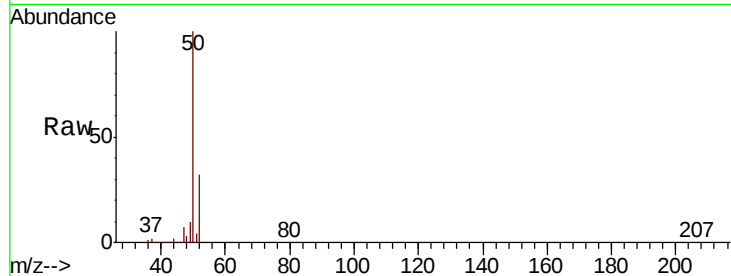
VSTDICCC050

Tgt Ion: 50 Resp: 598309

Ion Ratio Lower Upper

50 100

52 32.0 25.6 38.4



#4

Vinyl Chloride

Concen: 39.543 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057244.D

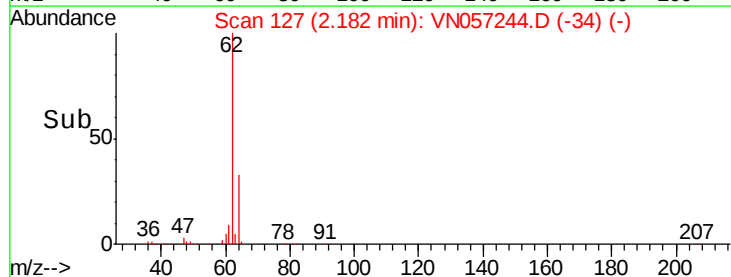
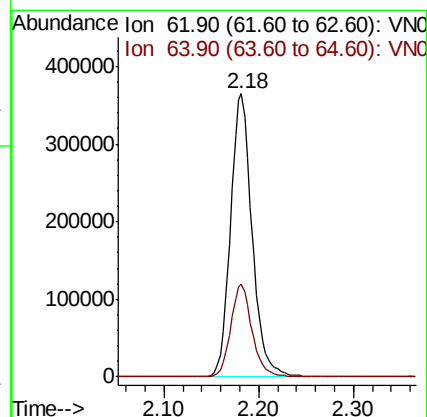
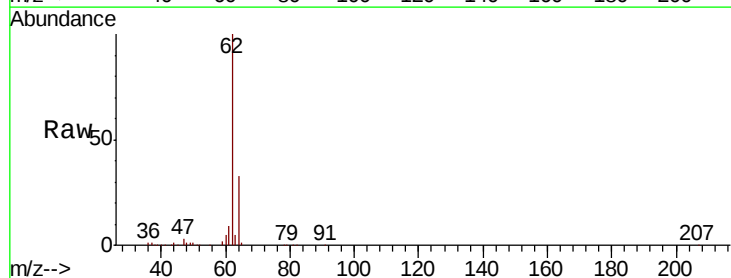
Acq: 13 Aug 2019 12:39

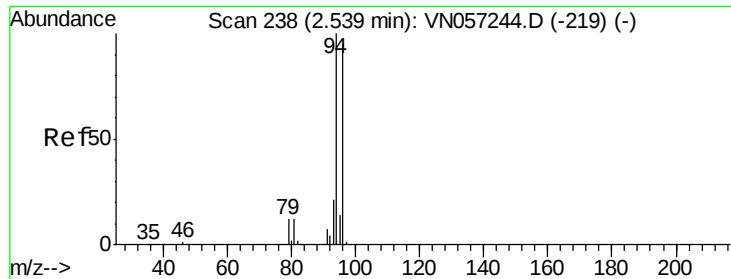
Tgt Ion: 62 Resp: 578369

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 46.904 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

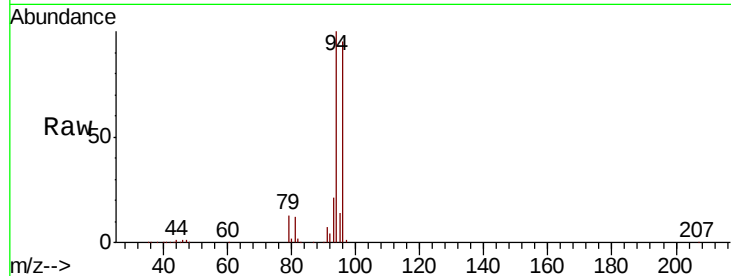
VSTDICCC050

Tgt Ion: 94 Resp: 414588

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN057244.D (-219) (-)

Ion 95.90 (95.60 to 96.60): VN057244.D (-219) (-)

2.54

200000

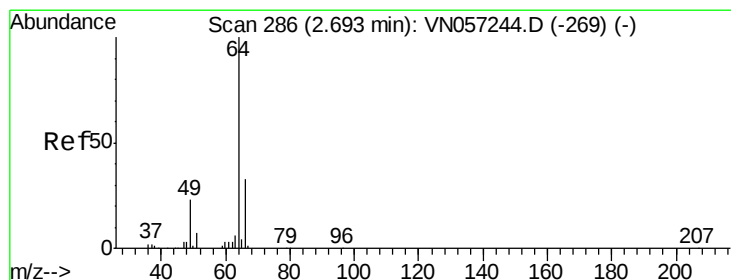
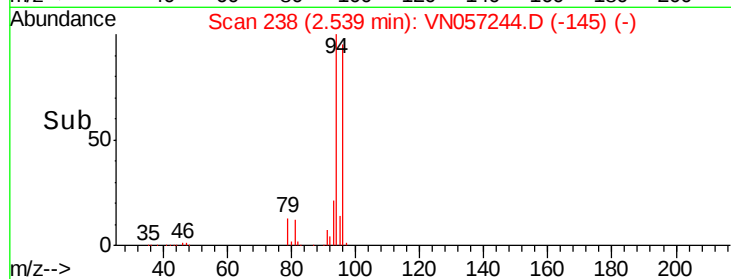
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 44.274 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN057244.D

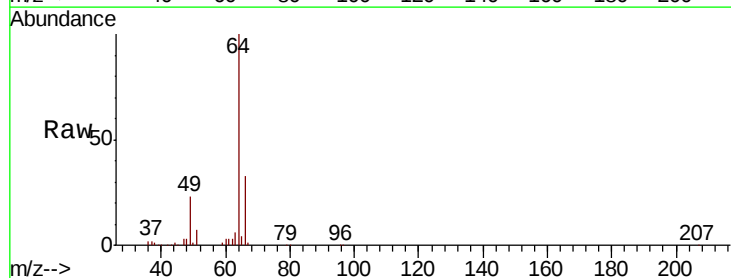
Acq: 13 Aug 2019 12:39

Tgt Ion: 64 Resp: 385701

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN057244.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN057244.D (-269) (-)

2.69

200000

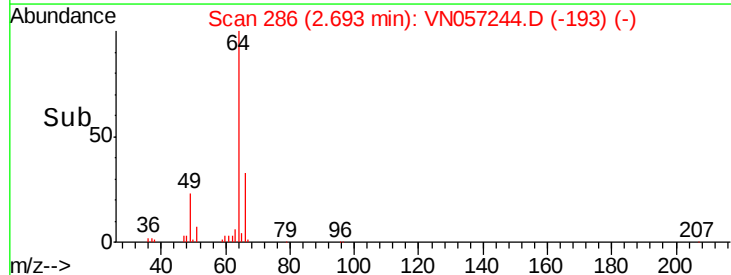
150000

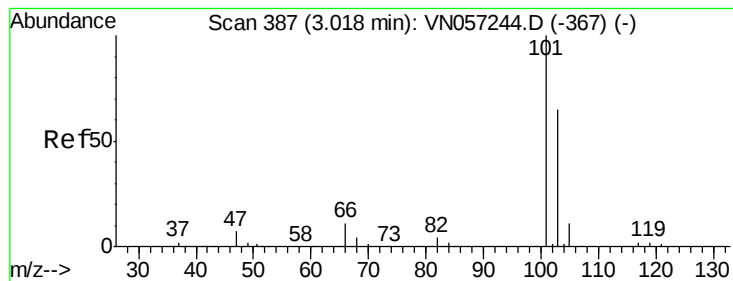
100000

50000

0

Time-->



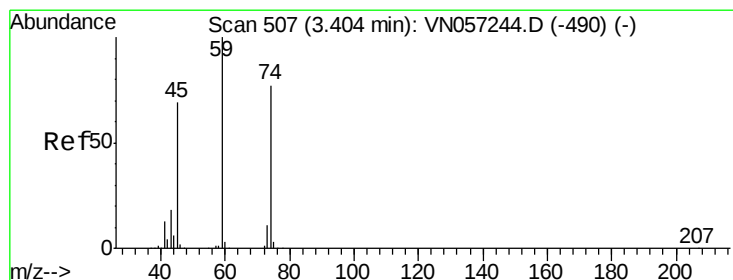
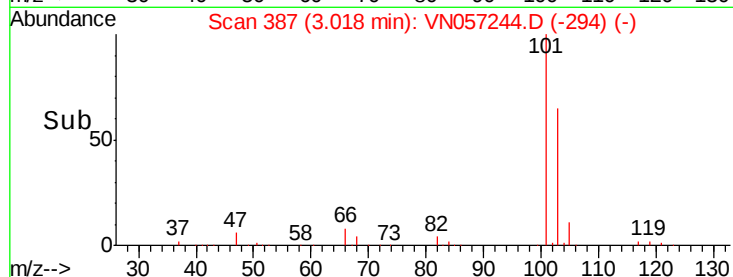
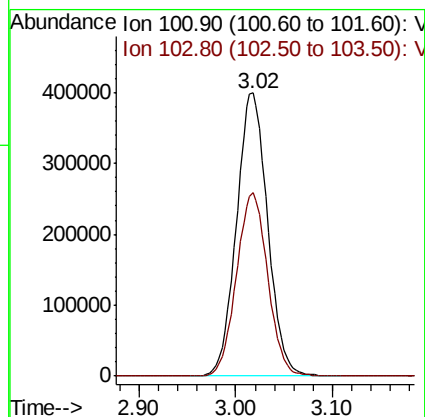
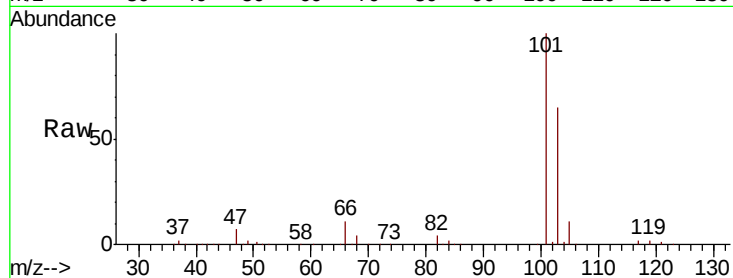


#7

Trichlorofluoromethane
Concen: 46.388 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

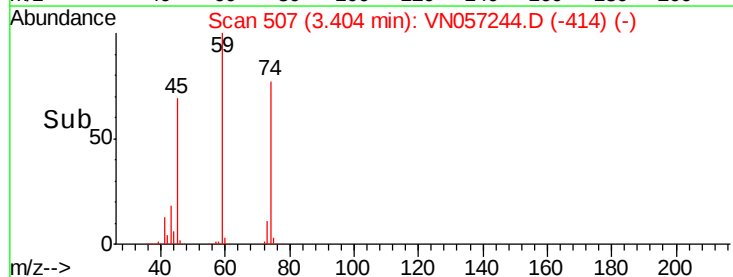
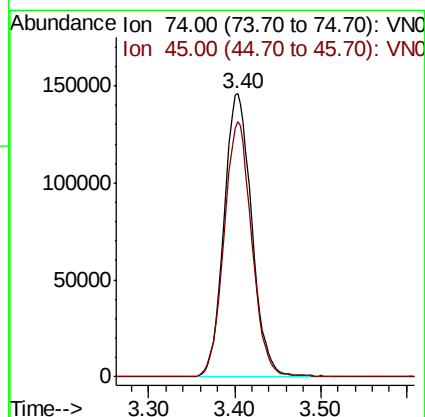
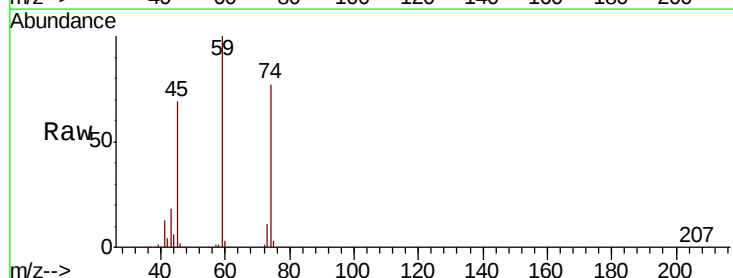
Tgt Ion:101 Resp: 895670
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

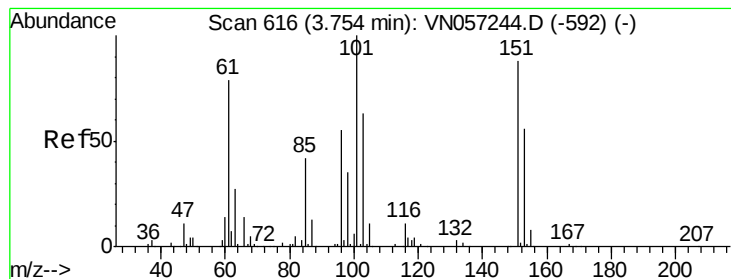


#8

Diethyl Ether
Concen: 44.293 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 74 Resp: 327703
Ion Ratio Lower Upper
74 100
45 90.1 45.1 135.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.244 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

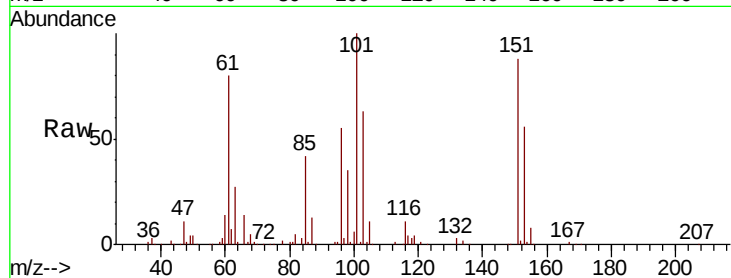
Tgt Ion:101 Resp: 534389

Ion Ratio Lower Upper

101 100

85 40.9 32.7 49.1

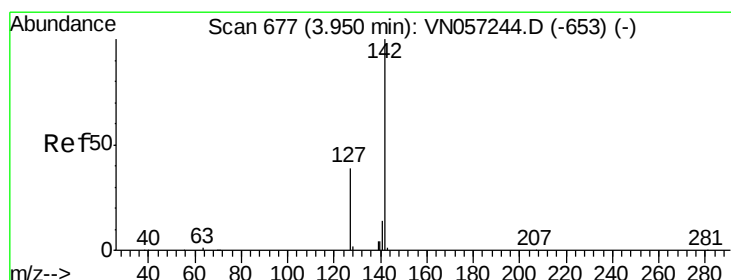
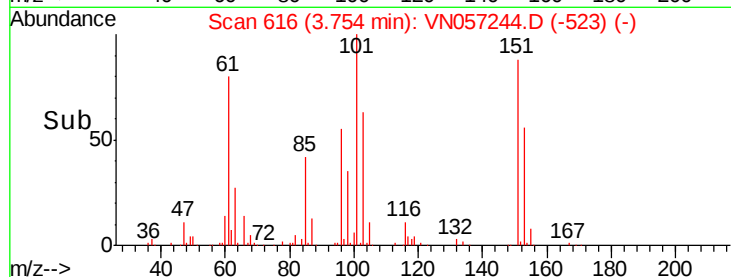
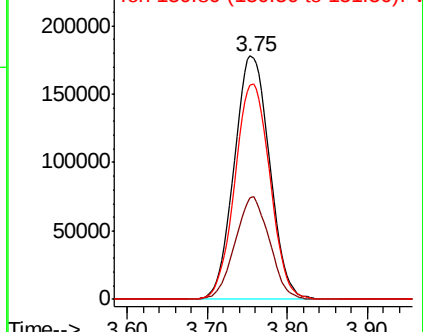
151 87.6 70.1 105.1



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: 55.957 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

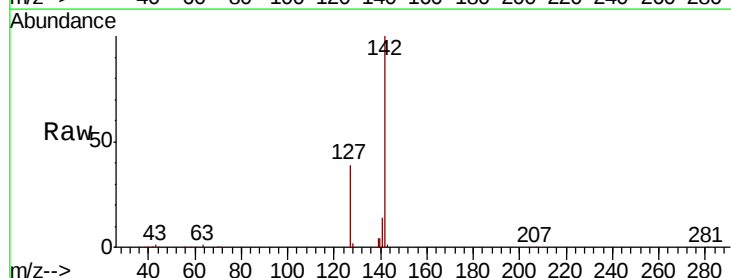
Tgt Ion:142 Resp: 892995

Ion Ratio Lower Upper

142 100

127 38.4 30.7 46.1

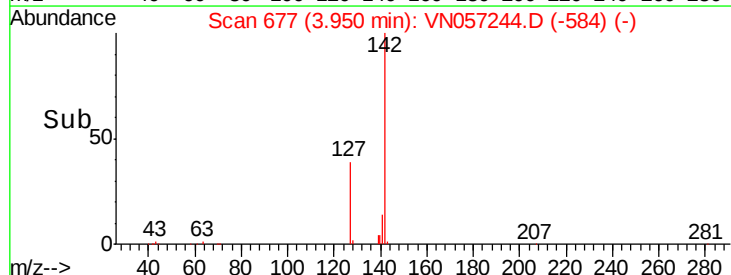
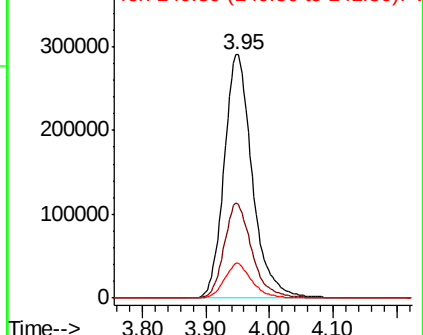
141 13.8 11.0 16.6

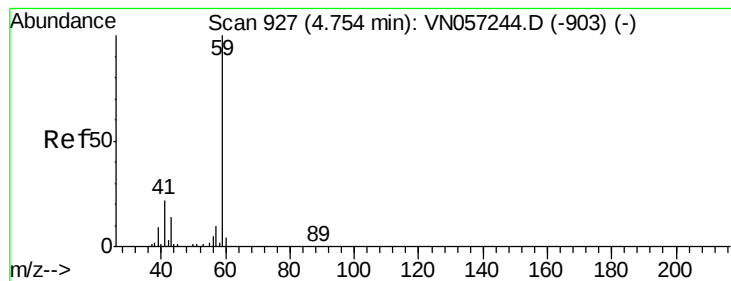


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



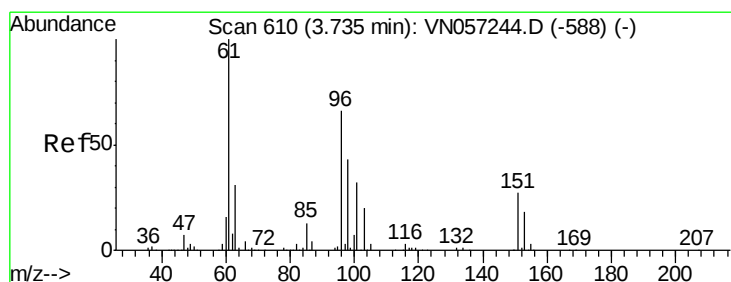
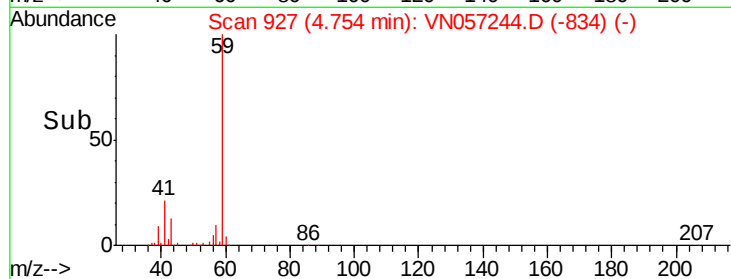
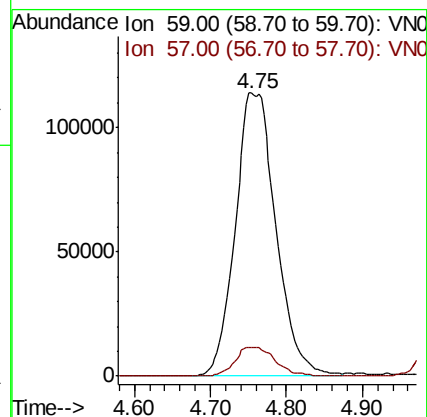
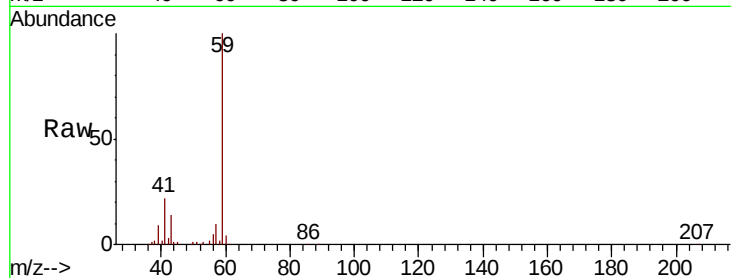


#11

Tert butyl alcohol
 Concen: 195.007 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

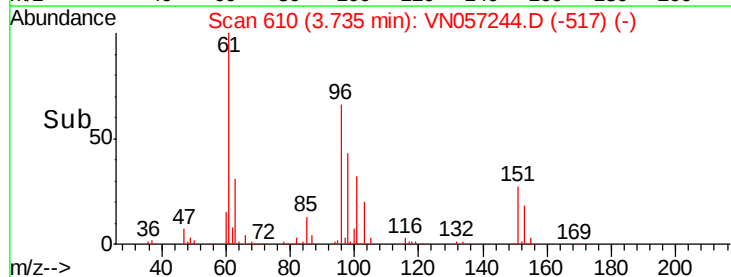
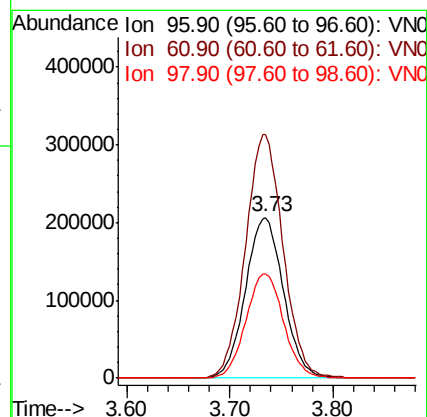
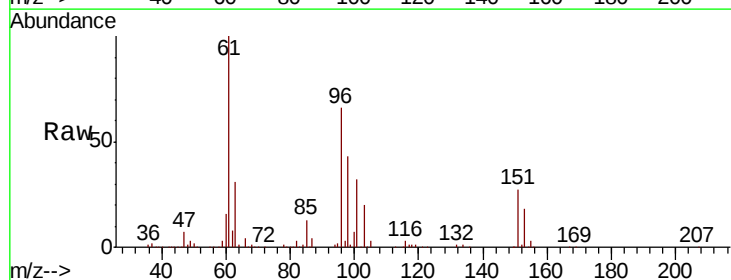
Tgt Ion: 59 Resp: 423594
 Ion Ratio Lower Upper
 59 100
 57 4.3 3.4 5.2

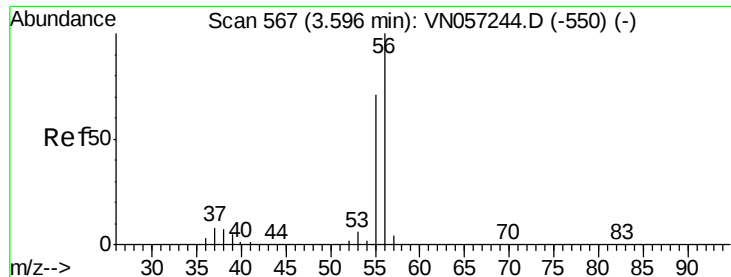


#12

1,1-Dichloroethene
 Concen: 45.669 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion: 96 Resp: 528081
 Ion Ratio Lower Upper
 96 100
 61 151.4 121.1 181.7
 98 65.0 52.0 78.0





#13

Acrolein

Concen: 324.153 ug/l

RT: 3.60 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

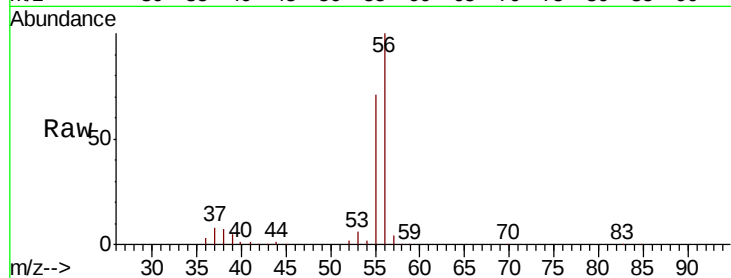
VSTDICCC050

Tgt Ion: 56 Resp: 300806

Ion Ratio Lower Upper

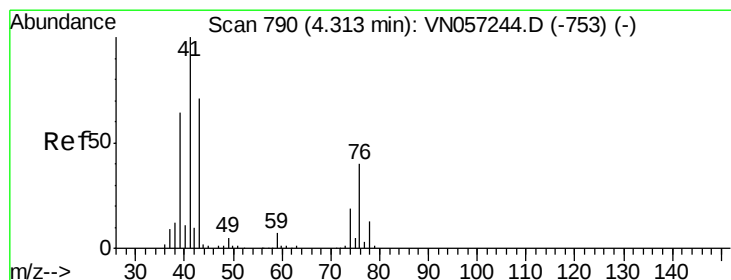
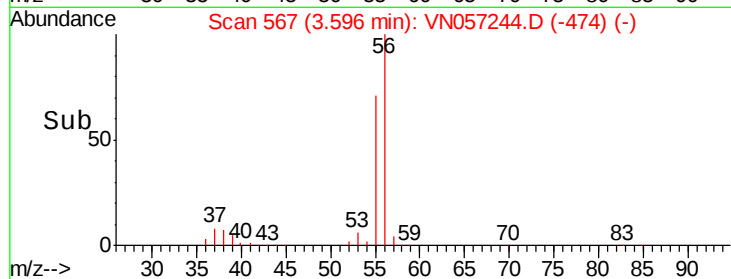
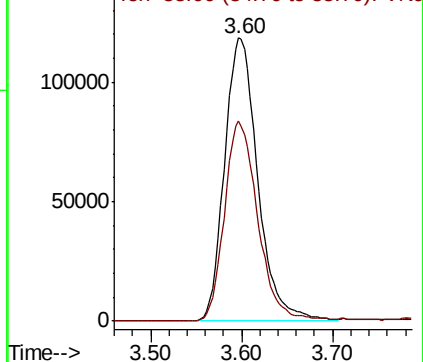
56 100

55 70.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 41.998 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

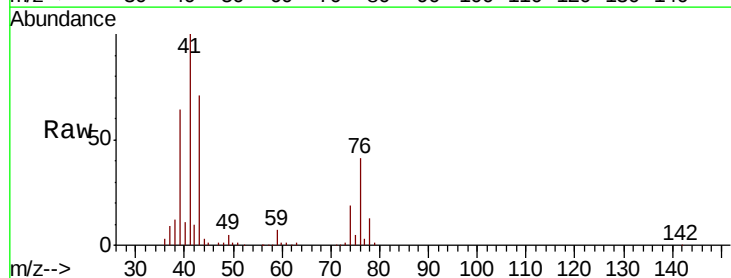
Tgt Ion: 41 Resp: 823897

Ion Ratio Lower Upper

41 100

39 60.6 48.5 72.7

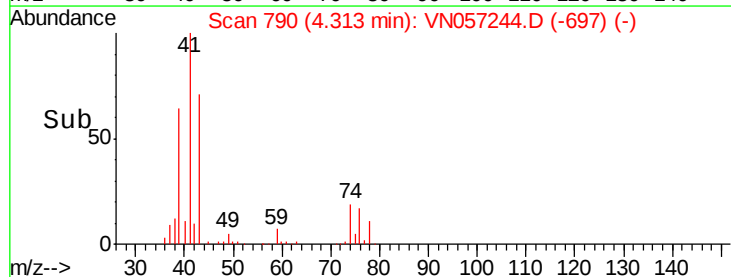
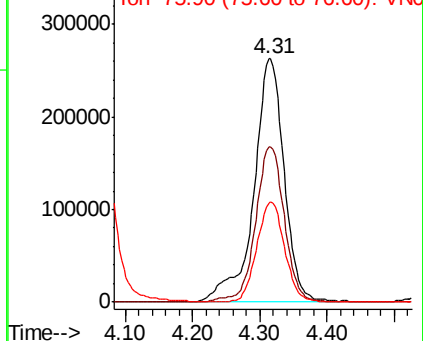
76 37.3 29.8 44.8

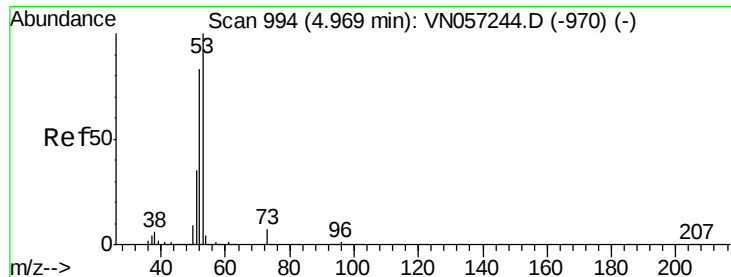


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 194.194 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

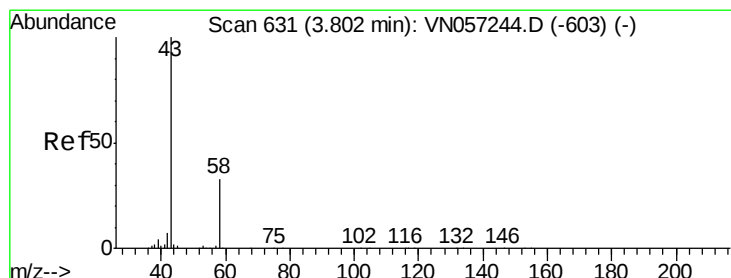
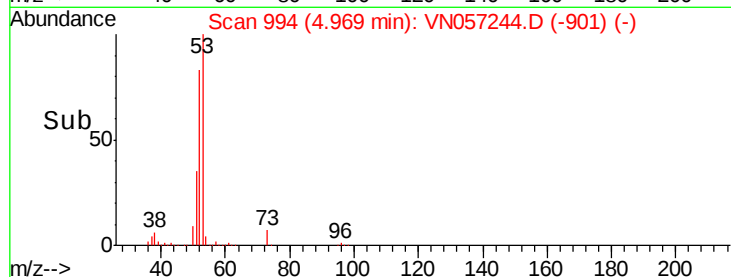
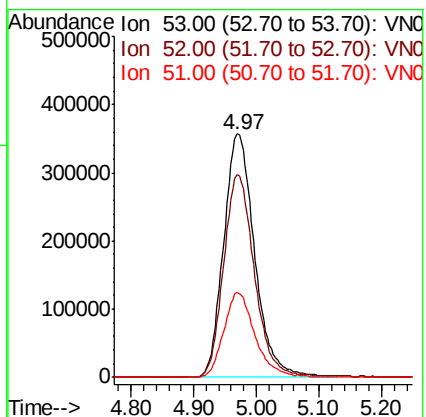
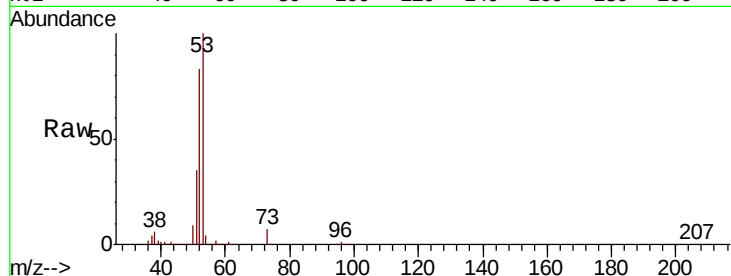
Tgt Ion: 53 Resp: 1226651

Ion Ratio Lower Upper

53 100

52 82.4 65.9 98.9

51 34.7 27.8 41.6



#16

Acetone

Concen: 181.682 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057244.D

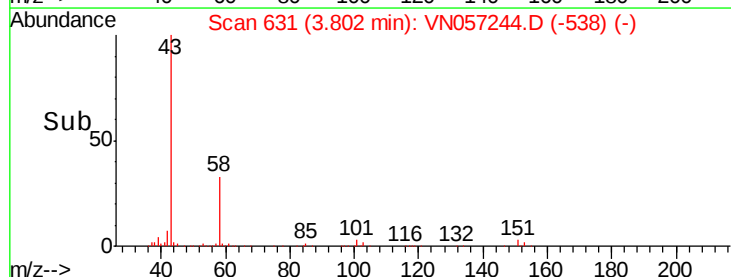
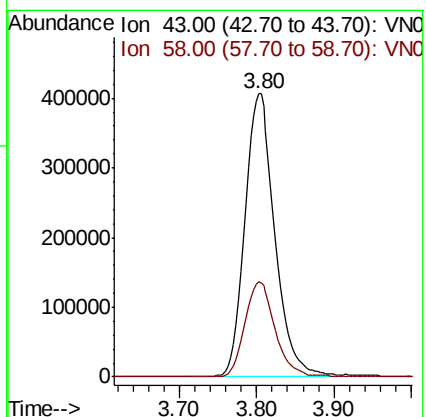
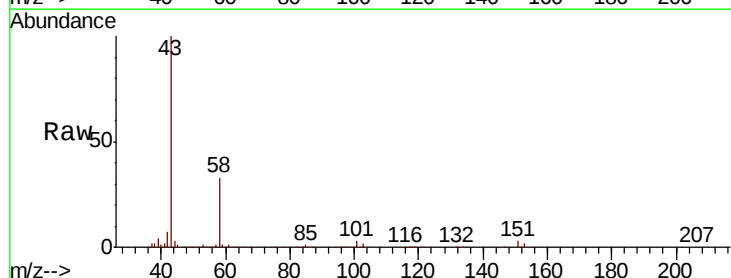
Acq: 13 Aug 2019 12:39

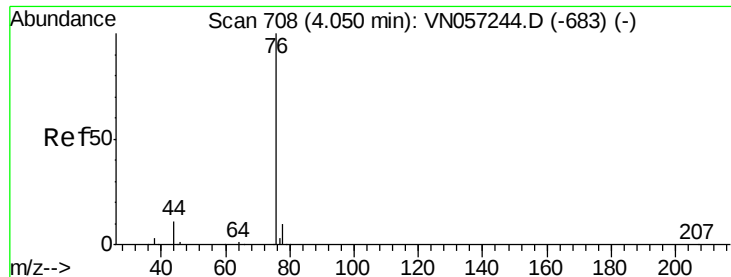
Tgt Ion: 43 Resp: 1095784

Ion Ratio Lower Upper

43 100

58 33.4 26.7 40.1





#17

Carbon Disulfide

Concen: 47.299 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

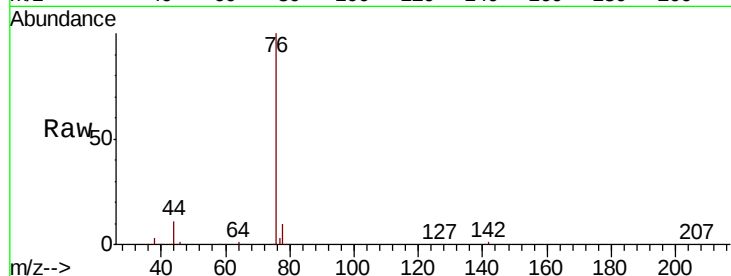
VSTDICCC050

Tgt Ion: 76 Resp: 1453857

Ion Ratio Lower Upper

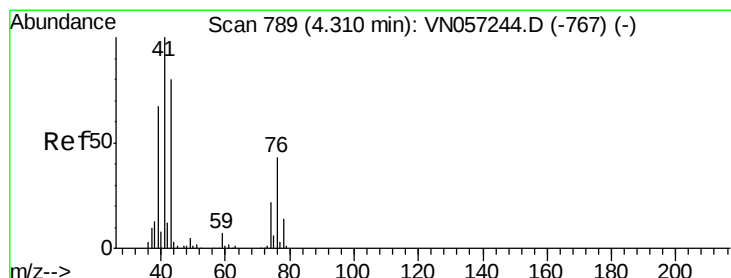
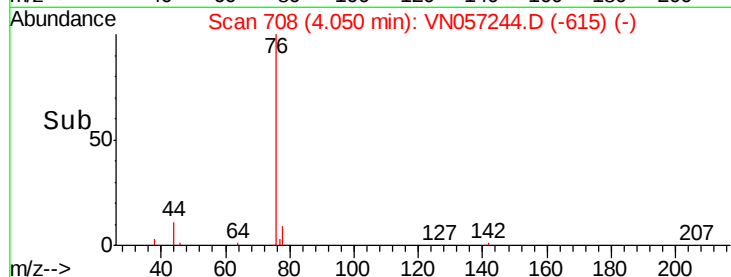
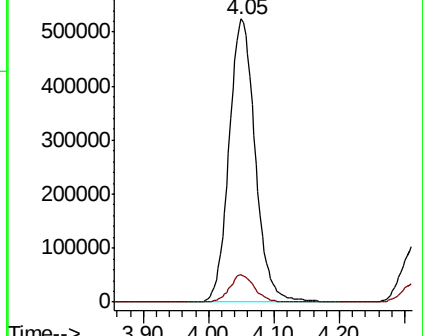
76 100

78 9.6 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN057244.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN057244.D (-683) (-)



#18

Methyl Acetate

Concen: 33.759 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057244.D

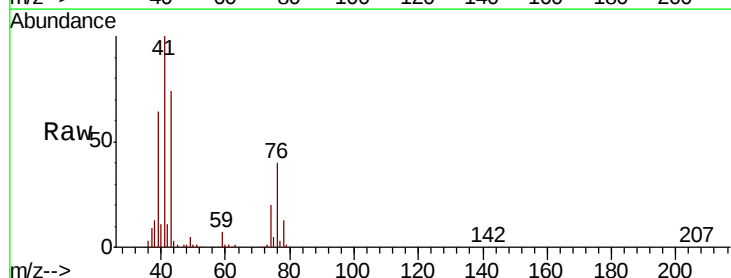
Acq: 13 Aug 2019 12:39

Tgt Ion: 43 Resp: 557384

Ion Ratio Lower Upper

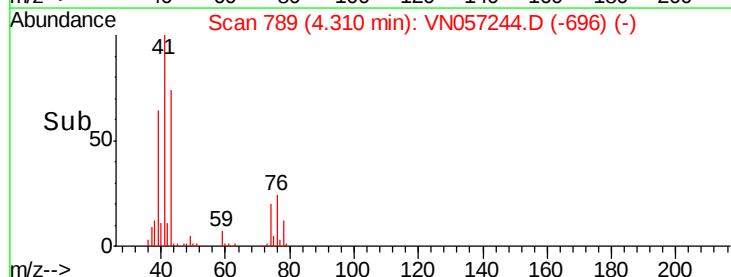
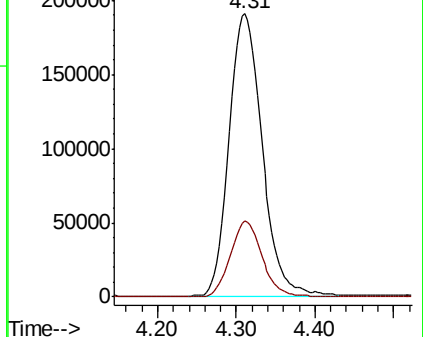
43 100

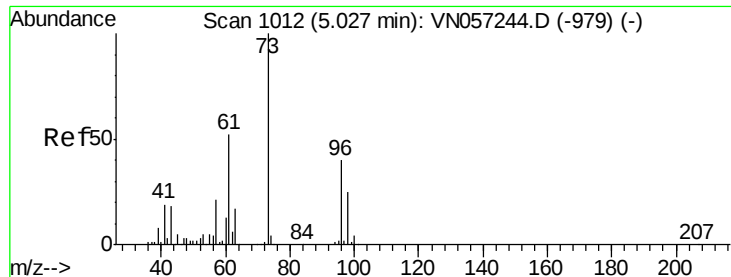
74 25.8 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-767) (-)

Ion 74.00 (73.70 to 74.70): VN057244.D (-767) (-)

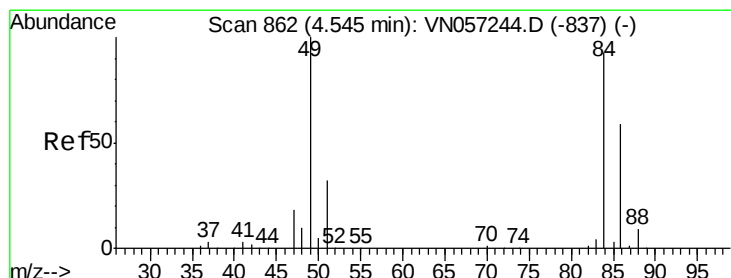
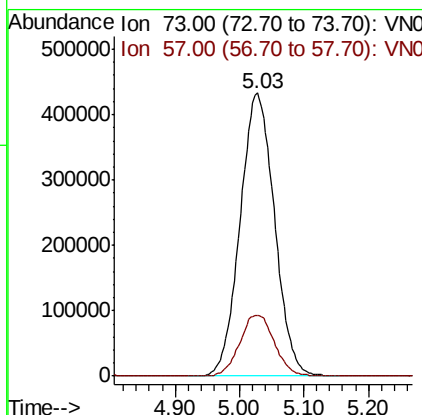
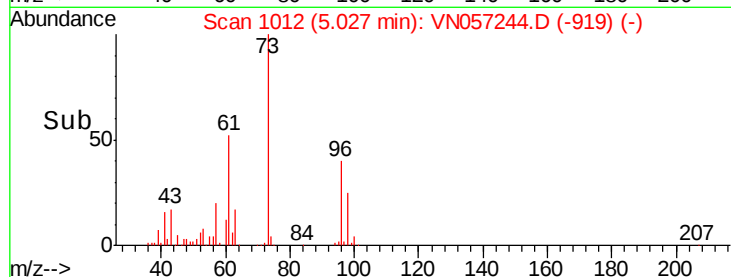
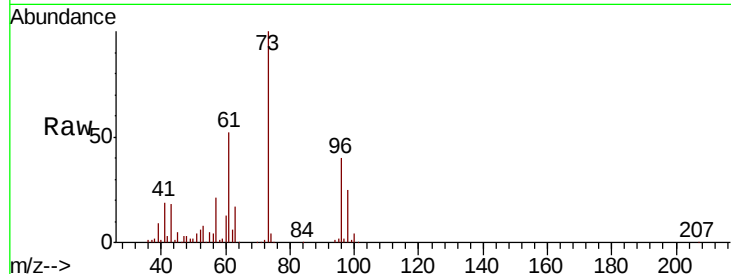




#19
Methyl tert-butyl Ether
Concen: 43.969 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

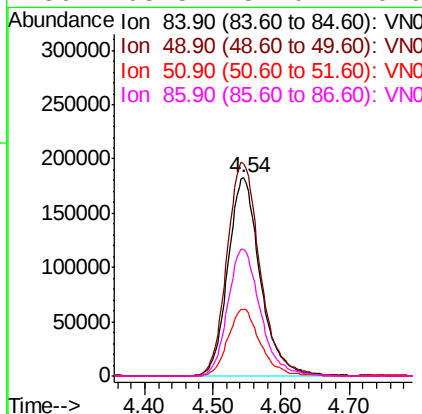
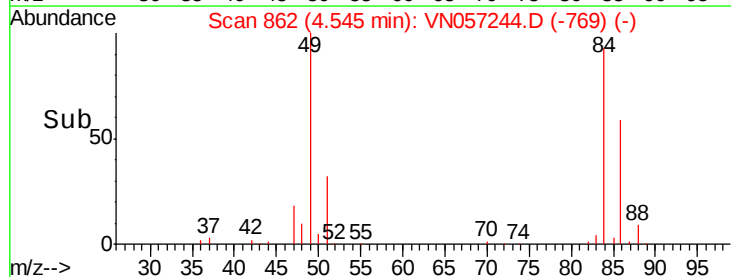
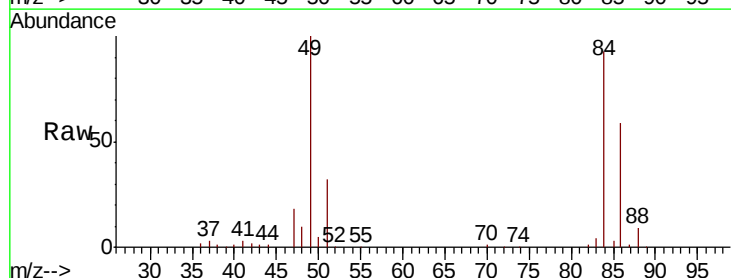
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

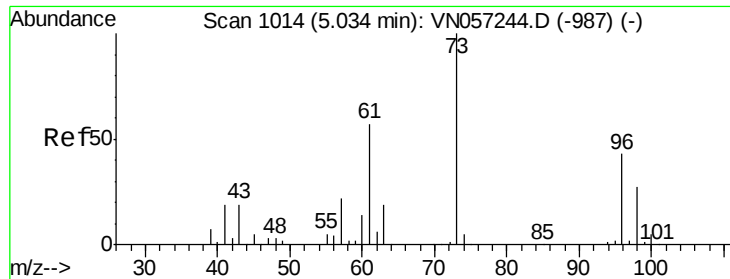
Tgt Ion: 73 Resp: 1604288
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7



#20
Methylene Chloride
Concen: 44.174 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 84 Resp: 602290
Ion Ratio Lower Upper
84 100
49 107.4 85.9 128.9
51 33.9 27.1 40.7
86 63.8 51.0 76.6



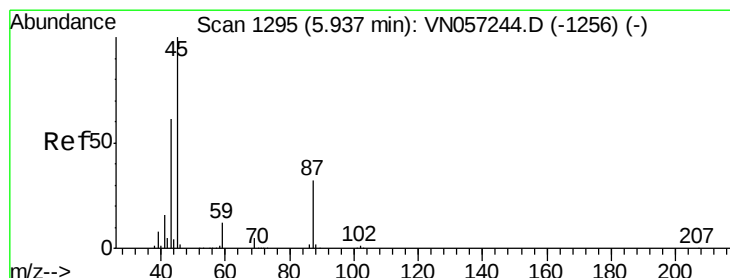
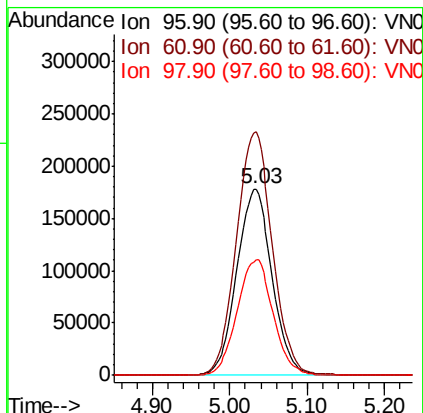
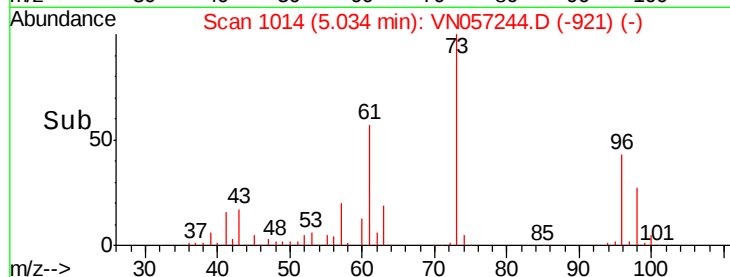
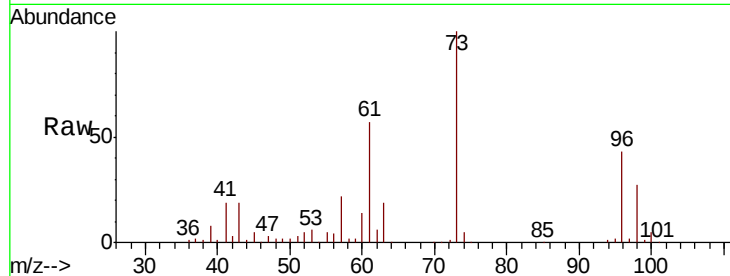


#21

trans-1,2-Dichloroethene
Concen: 46.351 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

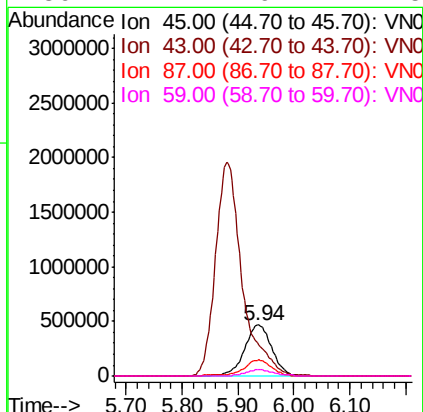
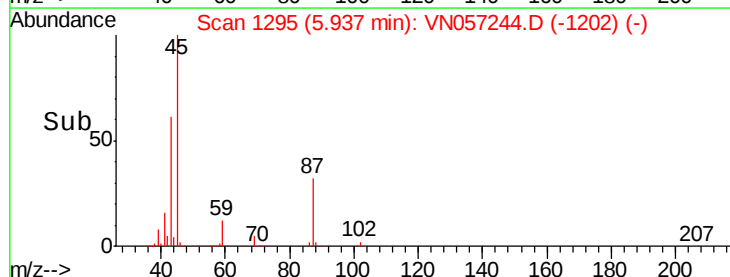
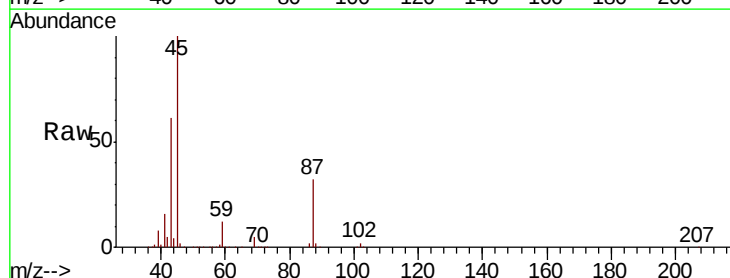
Tgt Ion: 96 Resp: 565422
Ion Ratio Lower Upper
96 100
61 130.7 104.6 156.8
98 62.1 49.7 74.5

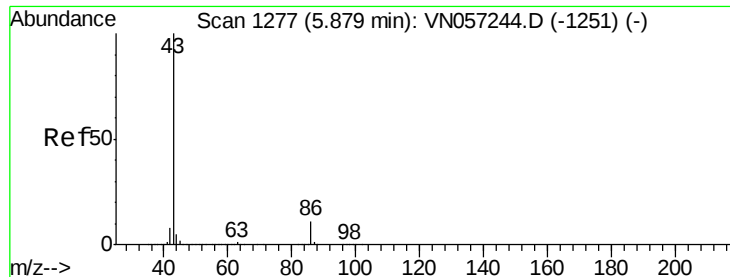


#22

Diisopropyl ether
Concen: 41.222 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 45 Resp: 1586717
Ion Ratio Lower Upper
45 100
43 61.1 48.9 73.3
87 31.9 25.5 38.3
59 12.1 9.7 14.5

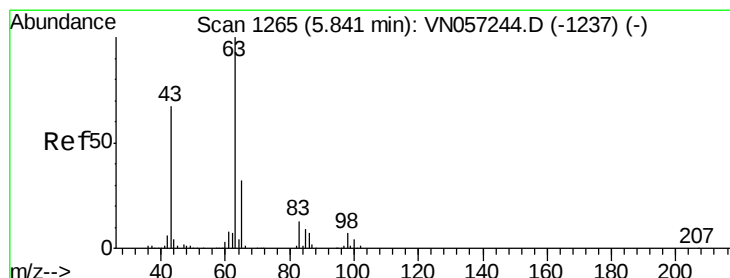
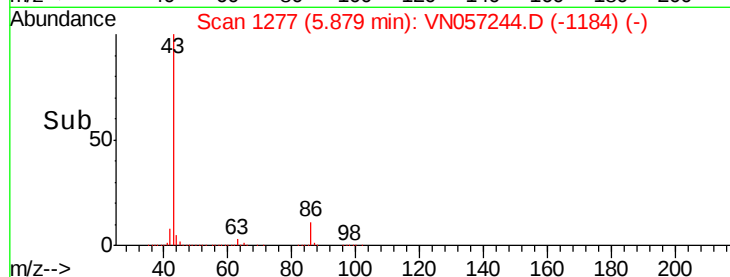
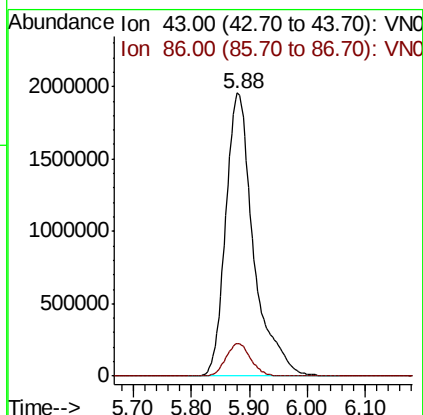
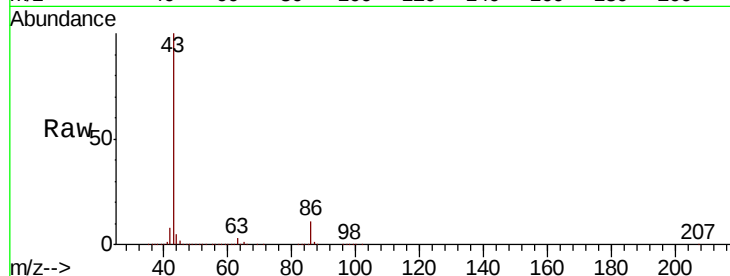




#23
 Vinyl Acetate
 Concen: 209.879 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

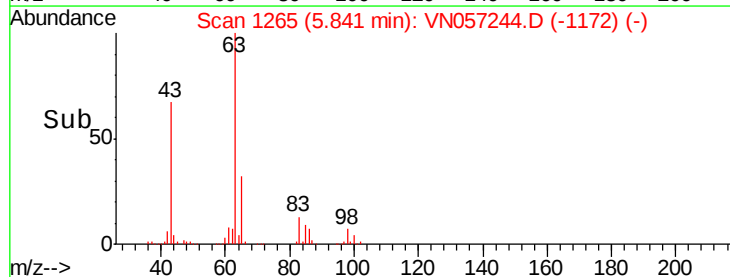
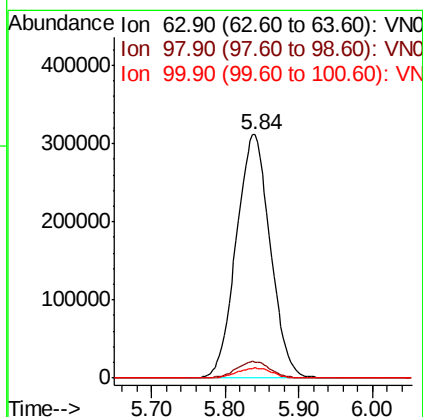
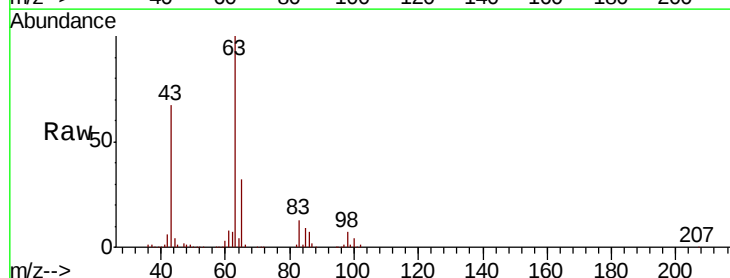
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

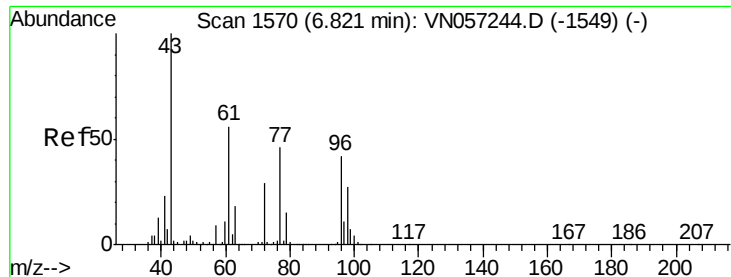
Tgt Ion: 43 Resp: 6520430
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 44.121 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion: 63 Resp: 1000276
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.1 2.1 6.2





#25

2-Butanone

Concen: 178.355 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

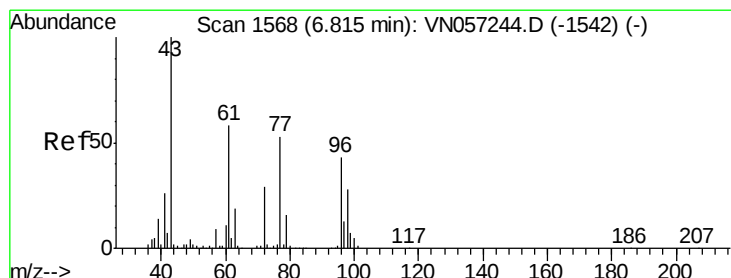
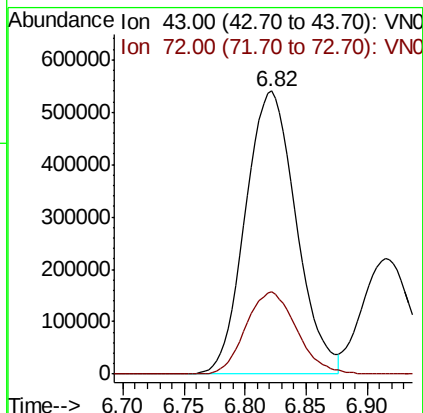
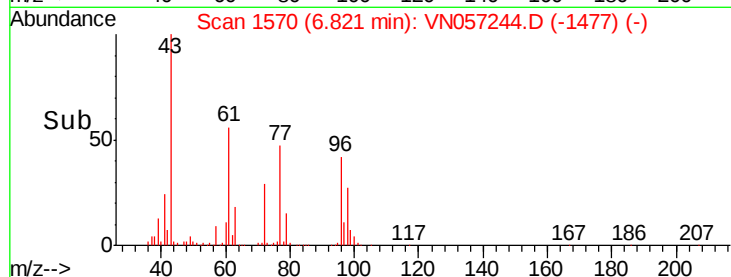
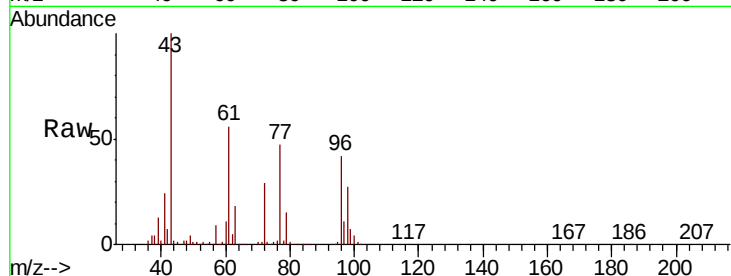
VSTDICCC050

Tgt Ion: 43 Resp: 1561833

Ion Ratio Lower Upper

43 100

72 28.9 23.1 34.7



#26

2,2-Dichloropropane

Concen: 50.913 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN057244.D

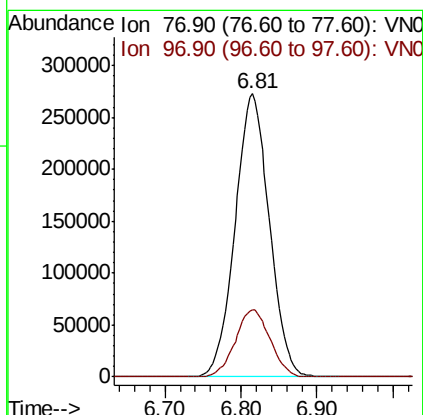
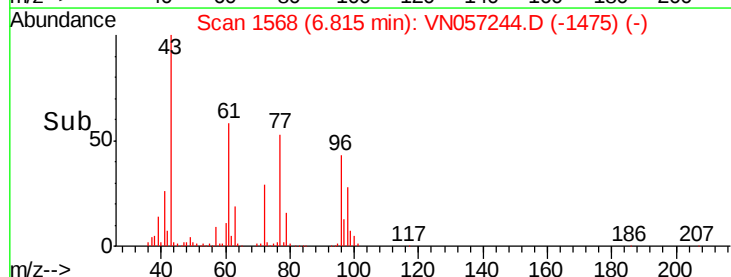
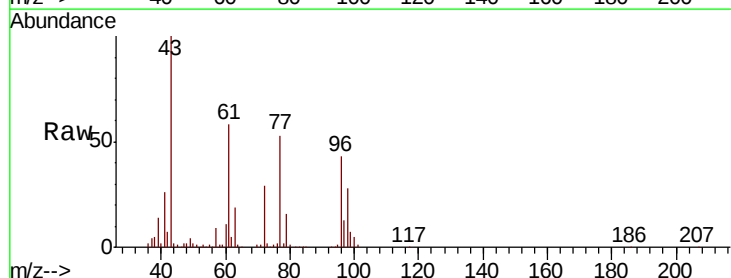
Acq: 13 Aug 2019 12:39

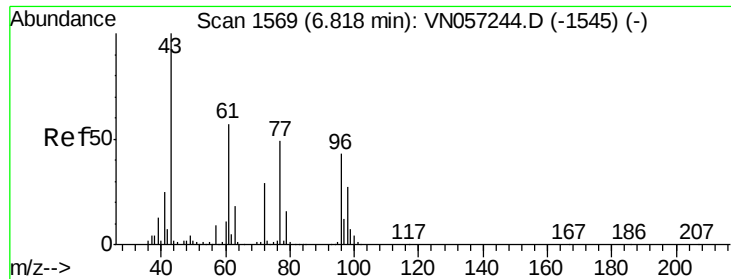
Tgt Ion: 77 Resp: 851445

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 47.065 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

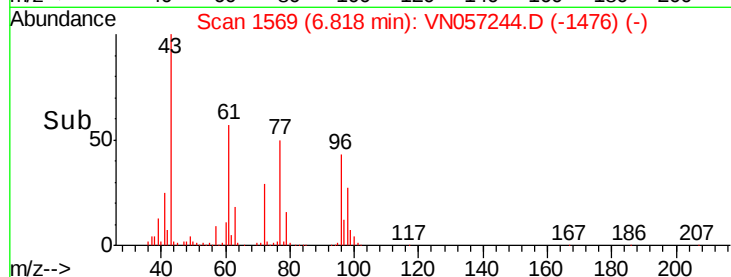
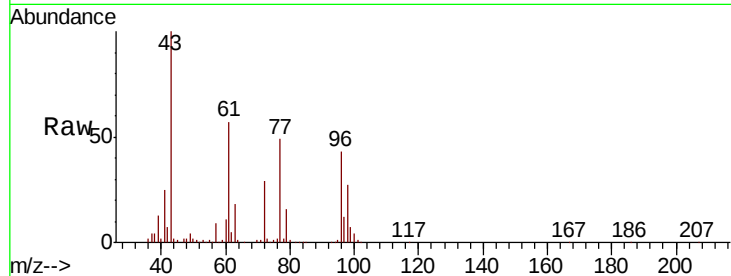
Tgt Ion: 96 Resp: 661170

Ion Ratio Lower Upper

96 100

61 135.5 0.0 271.0

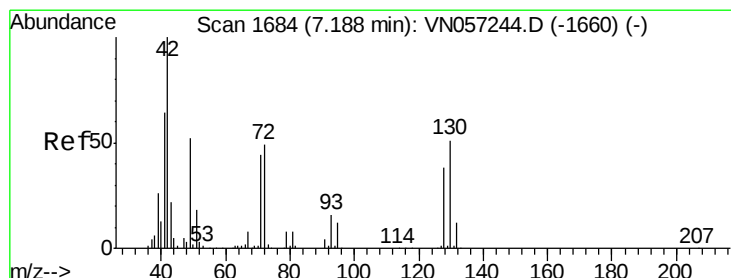
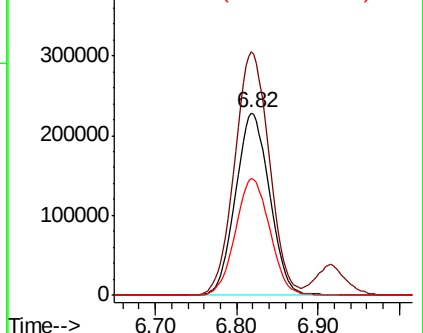
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 40.218 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

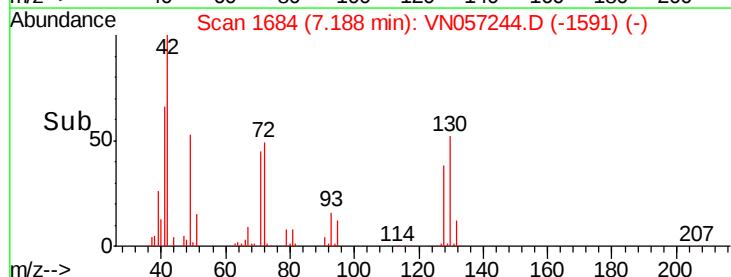
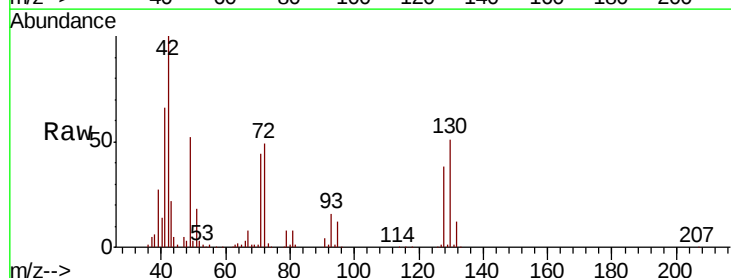
Tgt Ion: 49 Resp: 420946

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.0

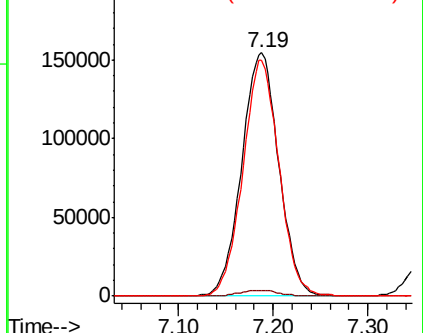
130 94.5 75.6 113.4

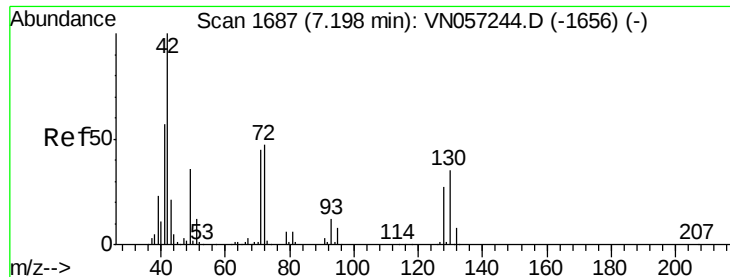


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

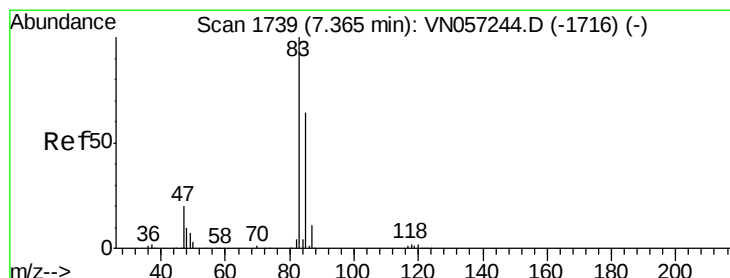
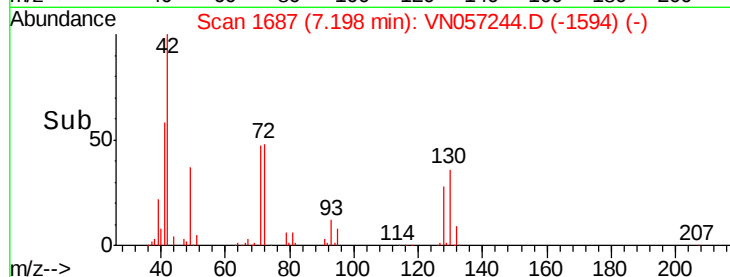
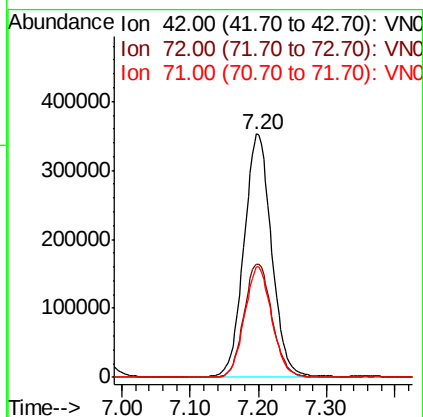
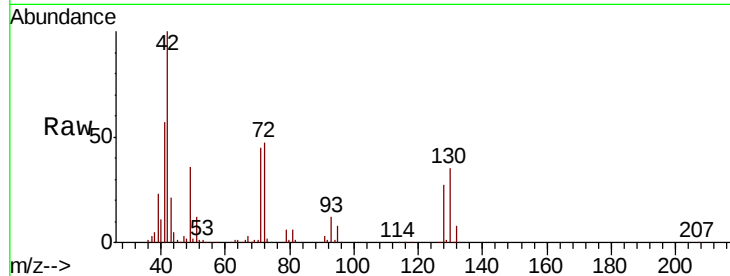




#29
Tetrahydrofuran
Concen: 174.829 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

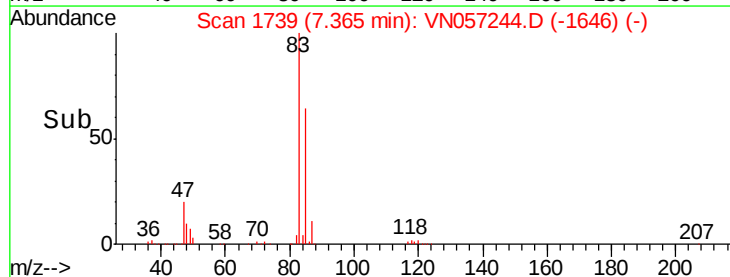
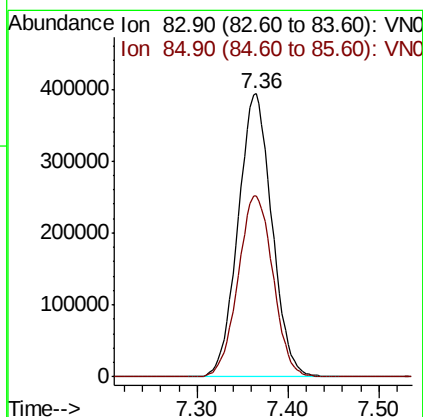
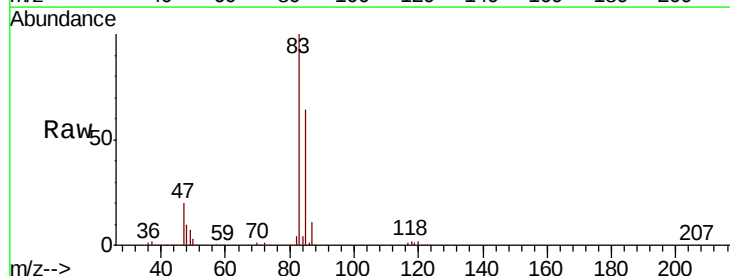
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

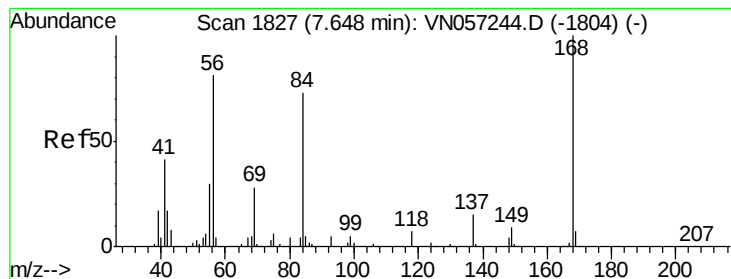
Tgt Ion: 42 Resp: 994188
Ion Ratio Lower Upper
42 100
72 47.0 37.6 56.4
71 44.5 35.6 53.4



#30
Chloroform
Concen: 44.501 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 83 Resp: 1017078
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9





#31

Cyclohexane

Concen: 40.982 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

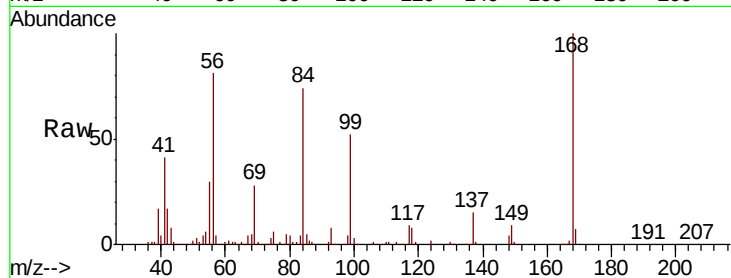
Tgt Ion: 56 Resp: 865906

Ion Ratio Lower Upper

56 100

69 34.8 27.8 41.8

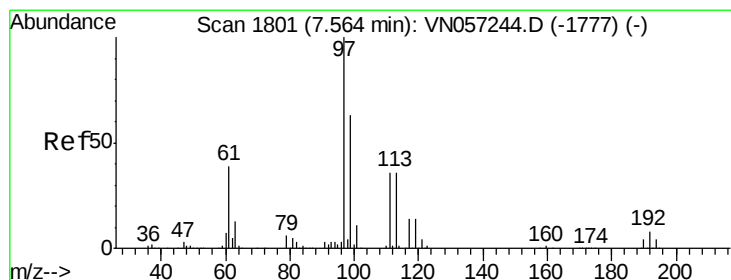
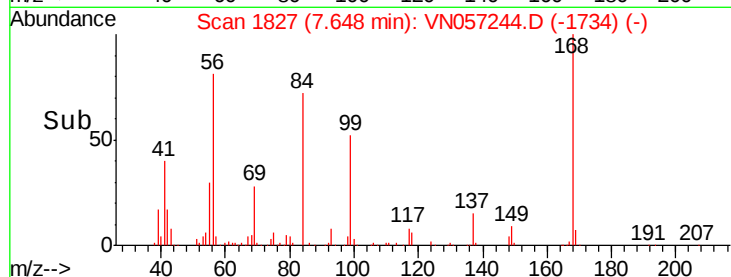
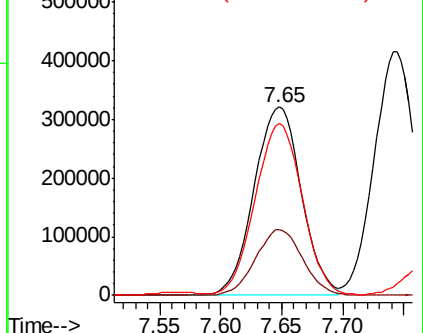
84 90.0 72.0 108.0



Abundance Ion 56.00 (55.70 to 56.70): VN057244.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN057244.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN057244.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 49.777 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

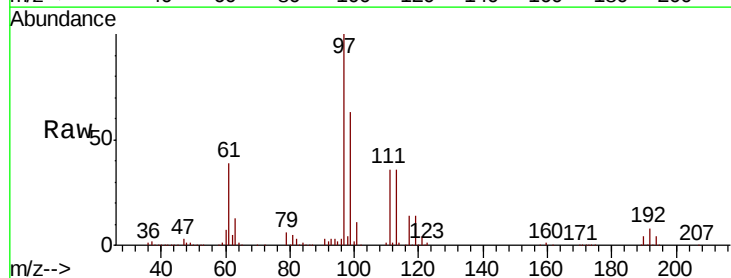
Tgt Ion: 97 Resp: 909390

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

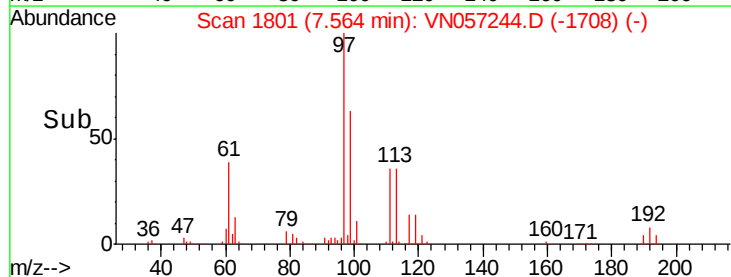
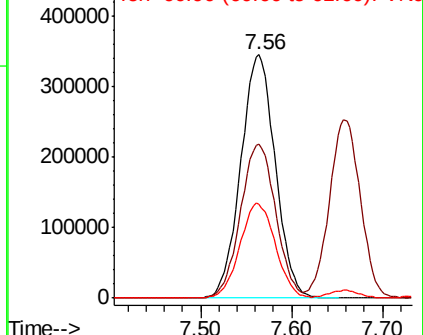
61 40.1 32.1 48.1

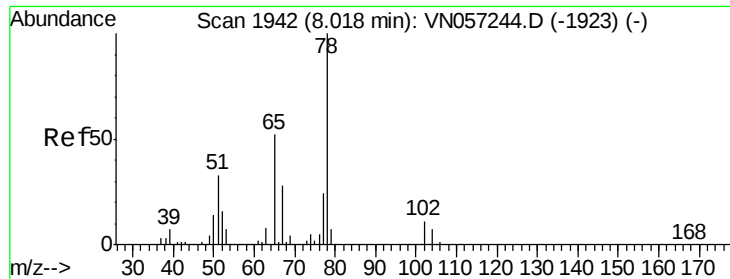


Abundance Ion 96.90 (96.60 to 97.60): VN057244.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN057244.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN057244.D (-1777) (-)

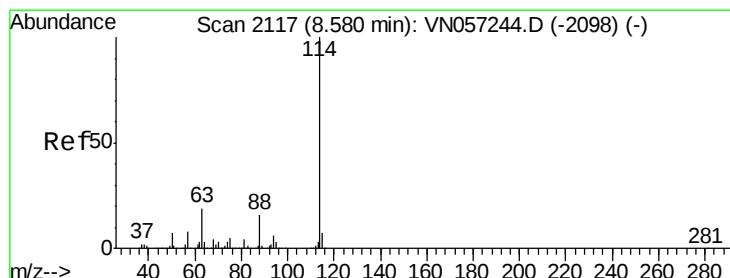
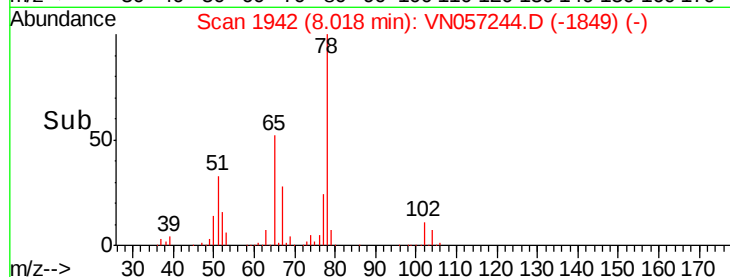
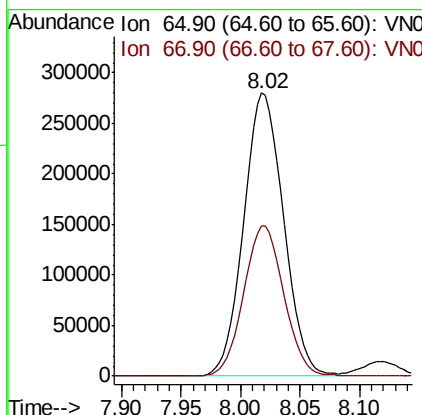
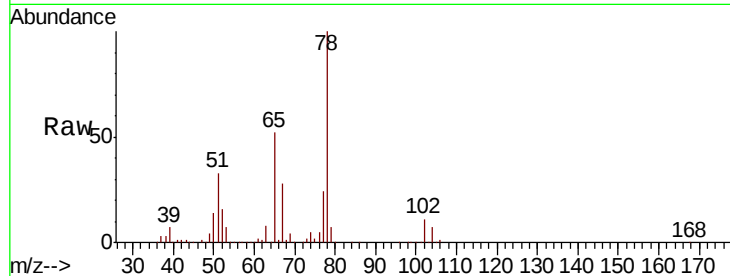




#33
 1,2-Dichloroethane-d4
 Concen: 47.924 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

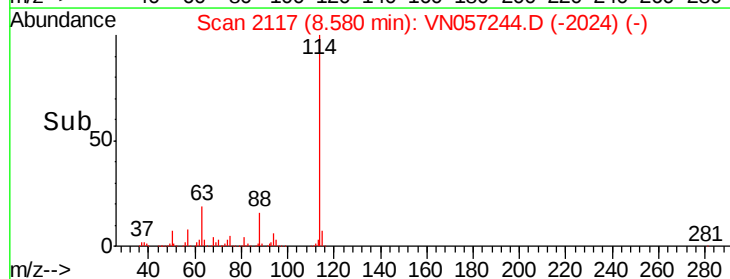
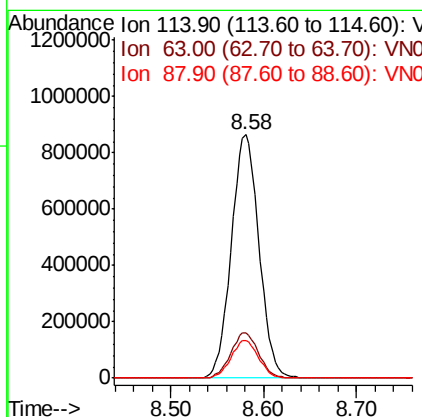
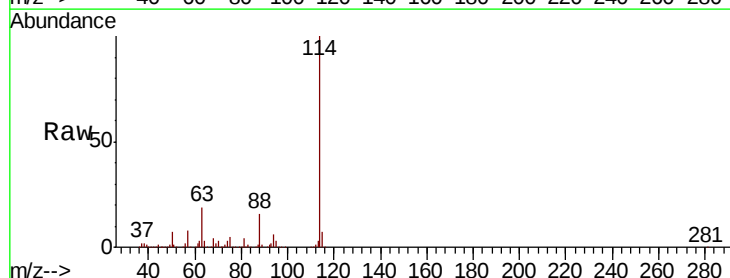
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

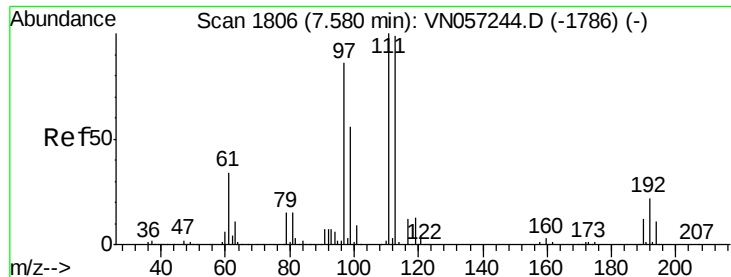
Tgt Ion: 65 Resp: 651521
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion: 114 Resp: 1788000
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.0
 88 15.5 0.0 31.0

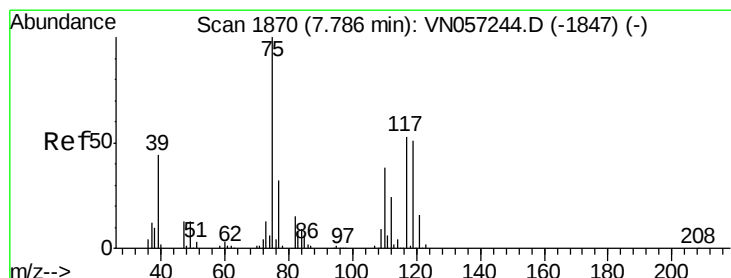
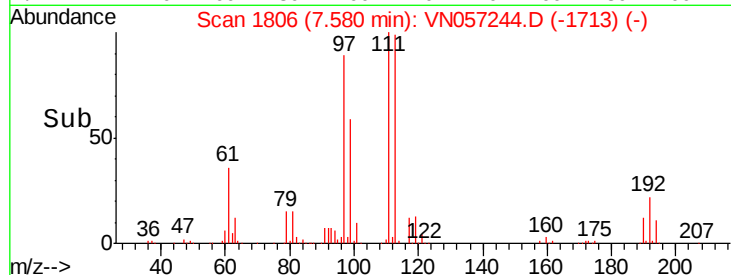
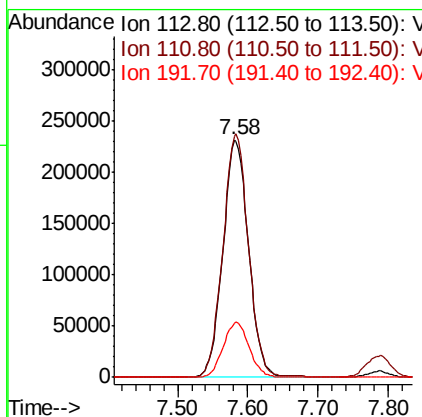
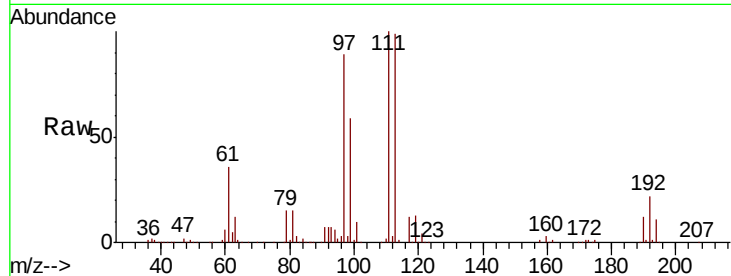




#35
 Dibromofluoromethane
 Concen: 52.330 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

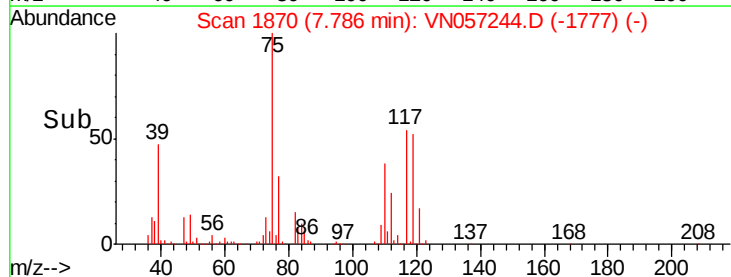
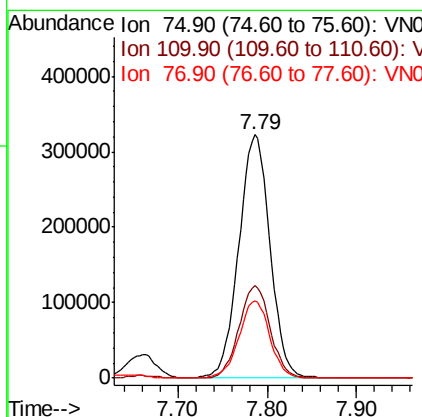
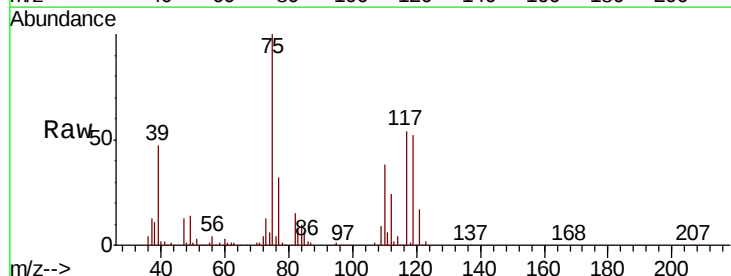
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

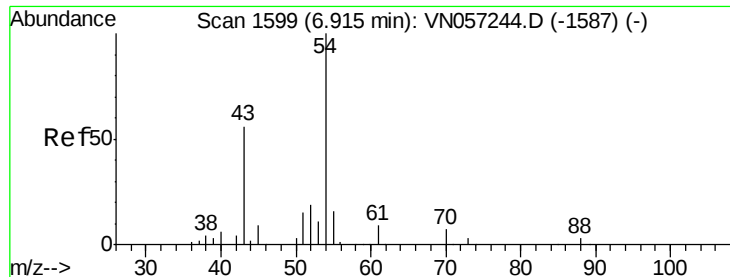
Tgt Ion: 113 Resp: 589390
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.2
 192 23.5 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 47.299 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion: 75 Resp: 780479
 Ion Ratio Lower Upper
 75 100
 110 38.1 19.1 57.1
 77 31.5 25.2 37.8

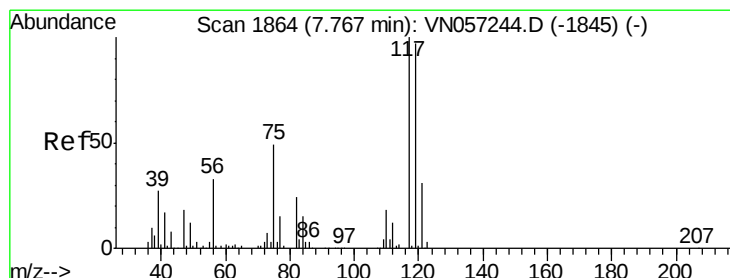
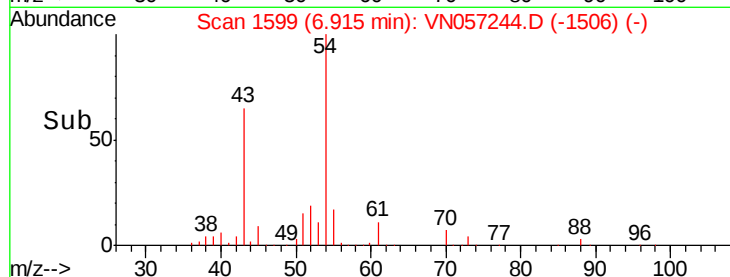
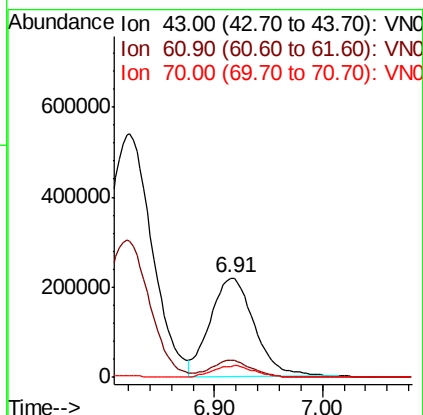
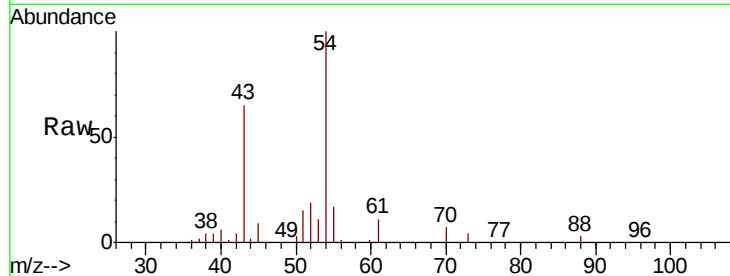




#37
Ethyl Acetate
Concen: 40.218 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

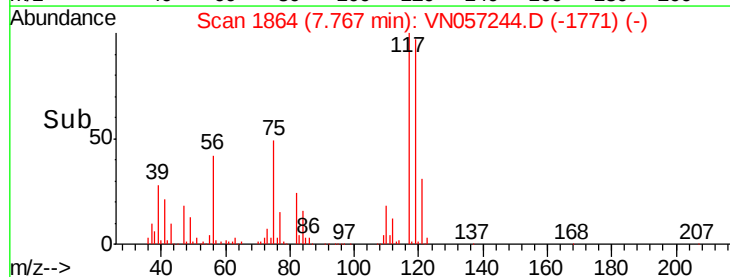
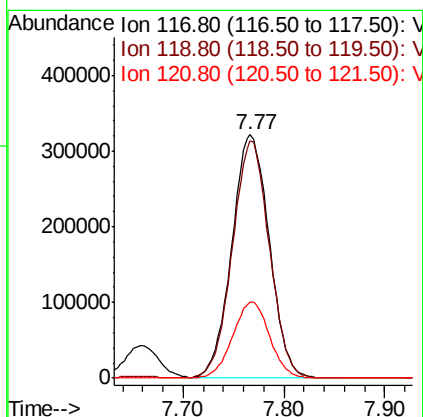
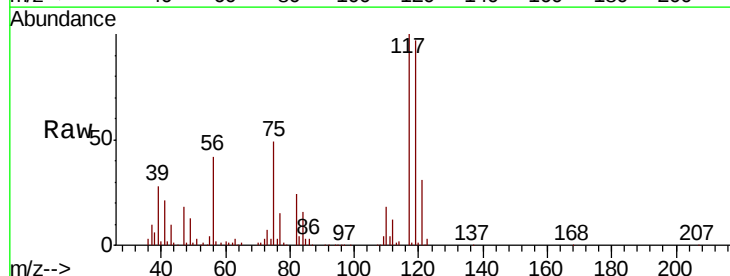
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

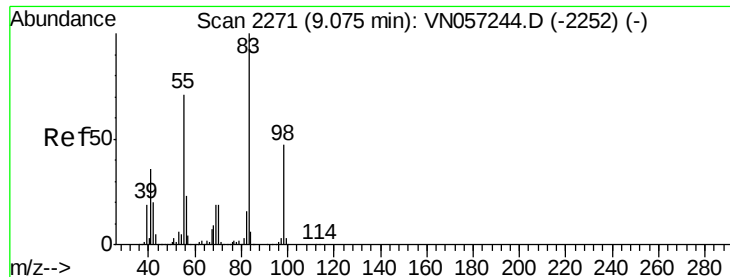
Tgt Ion: 43 Resp: 627204
Ion Ratio Lower Upper
43 100
61 15.9 12.7 19.1
70 11.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 52.384 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 117 Resp: 825213
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 31.1 24.9 37.3

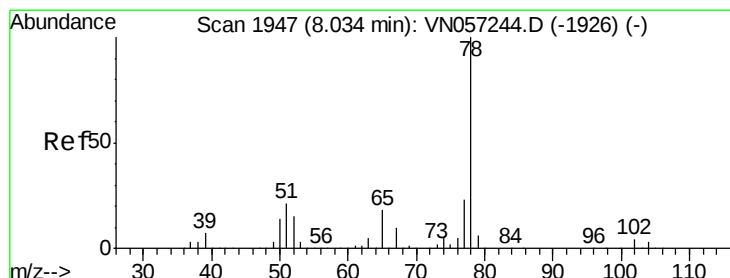
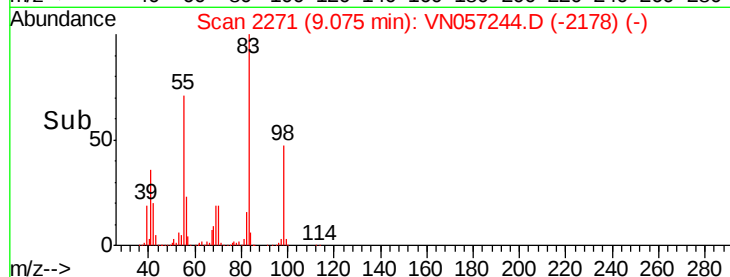
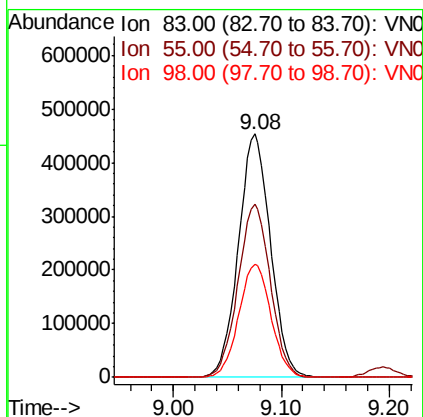
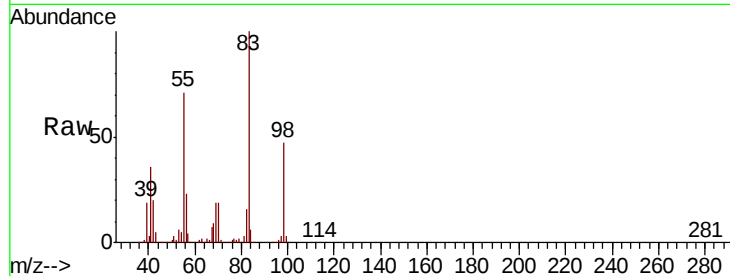




#39
Methylcyclohexane
Concen: 46.463 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

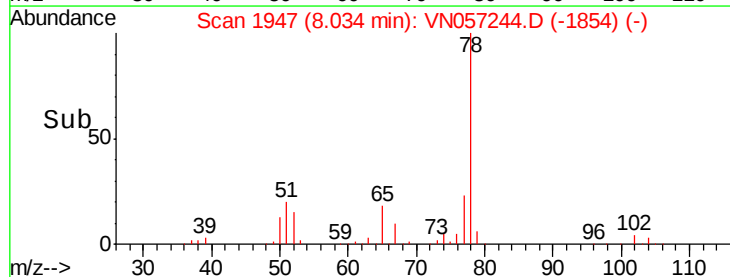
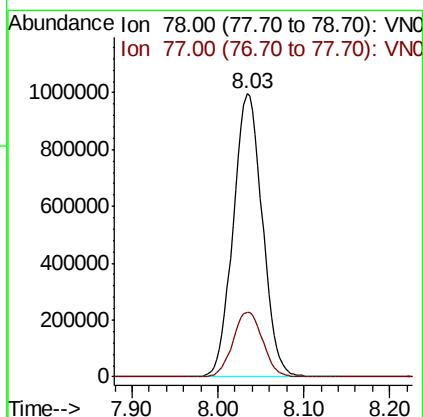
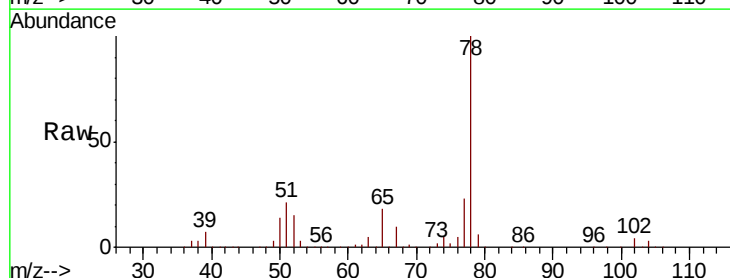
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

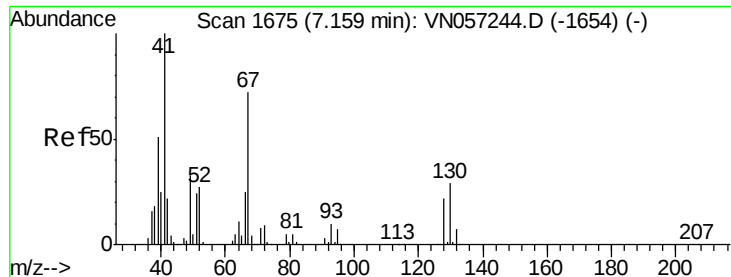
Tgt Ion: 83 Resp: 940223
Ion Ratio Lower Upper
83 100
55 71.2 57.0 85.4
98 46.5 37.2 55.8



#40
Benzene
Concen: 46.658 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 78 Resp: 2348102
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4

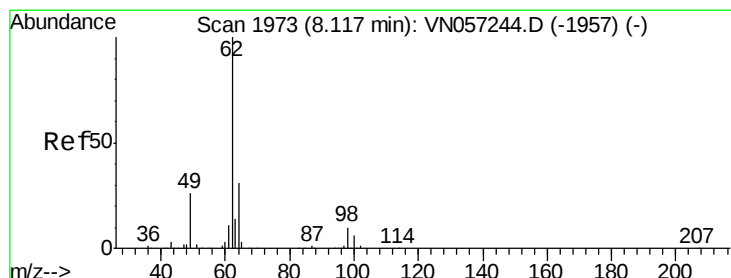
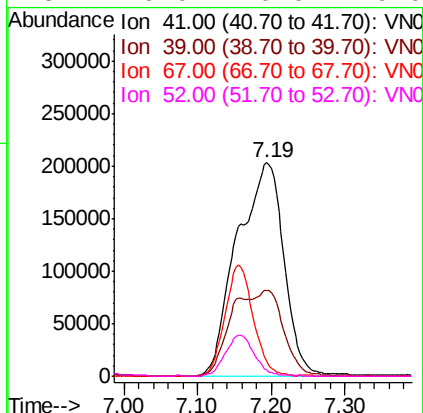
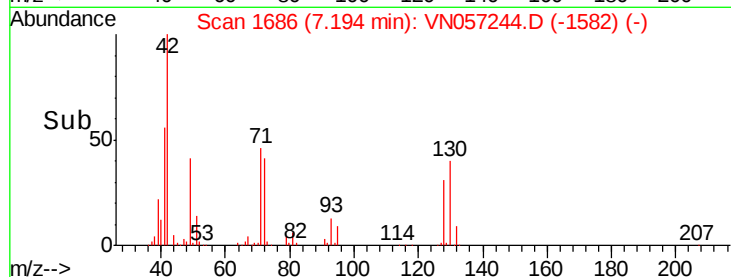
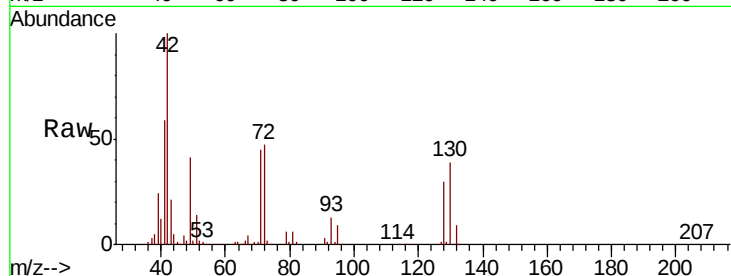




#41
Methacrylonitrile
Concen: 131.749 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

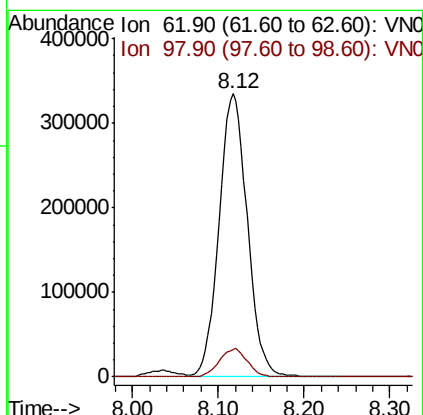
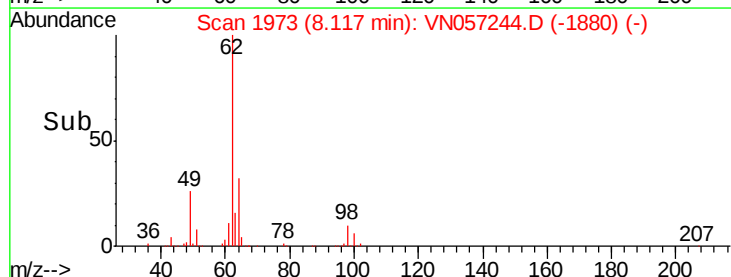
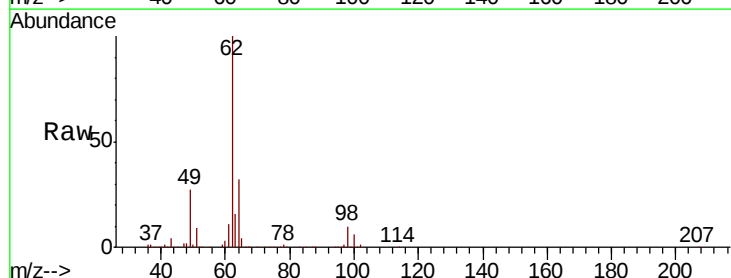
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

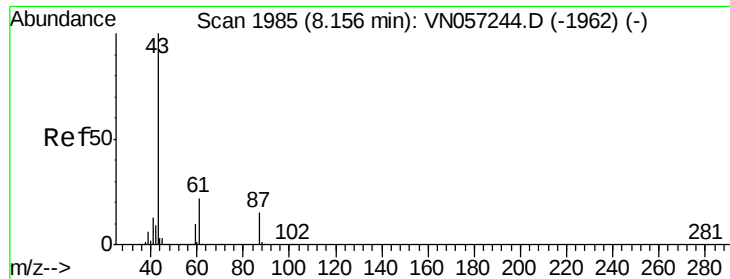
Tgt Ion:	41	Resp:	893248
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.891 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion:	62	Resp:	765398
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.0

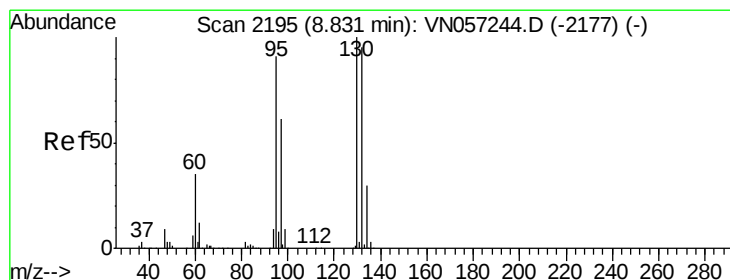
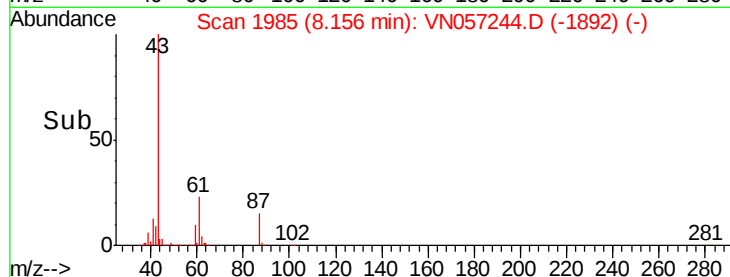
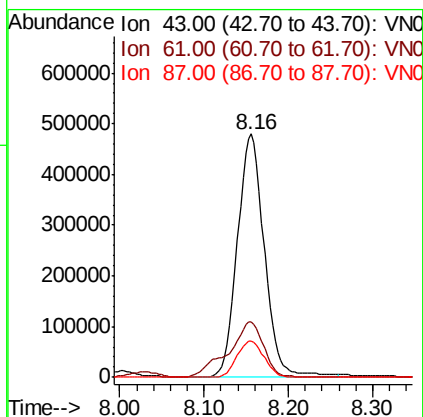
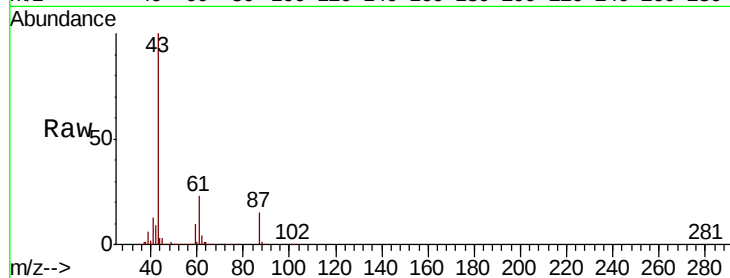




#43
Isopropyl Acetate
Concen: 43.002 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

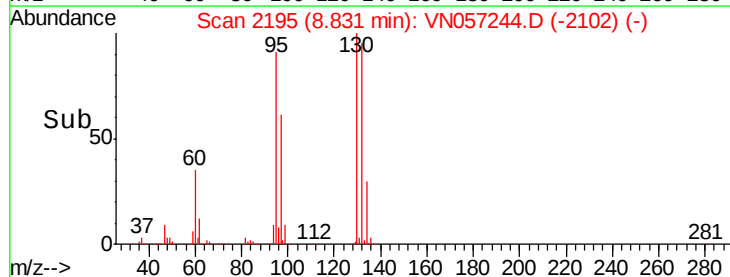
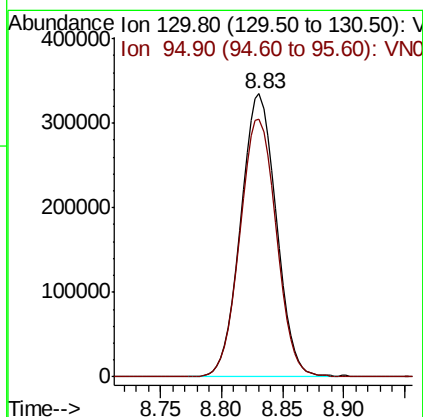
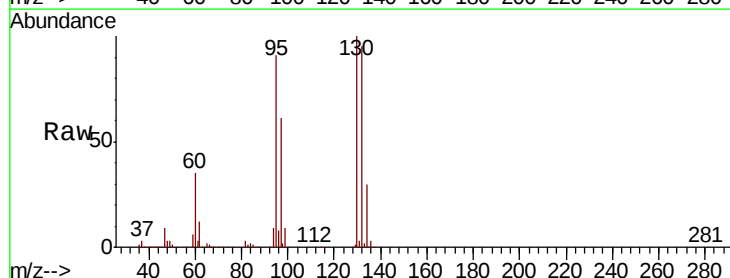
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

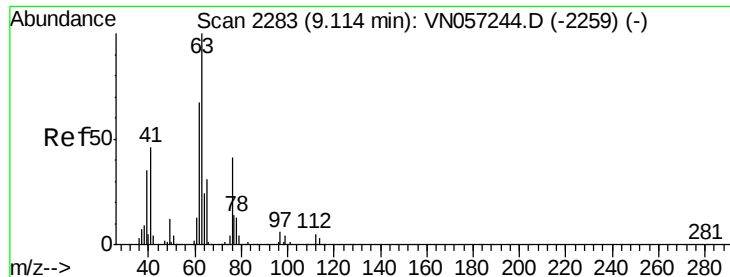
Tgt Ion: 43 Resp: 1069823
Ion Ratio Lower Upper
43 100
61 29.4 23.5 35.3
87 15.1 12.1 18.1



#44
Trichloroethene
Concen: 48.794 ug/l
RT: 8.83 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 130 Resp: 675267
Ion Ratio Lower Upper
130 100
95 90.9 0.0 181.8





#45

1,2-Dichloropropane

Concen: 45.032 ug/l

RT: 9.11 min Scan# 2283

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

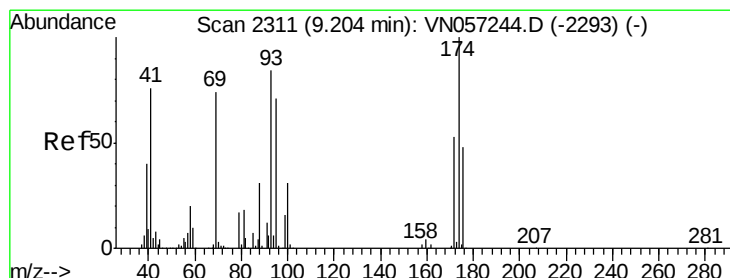
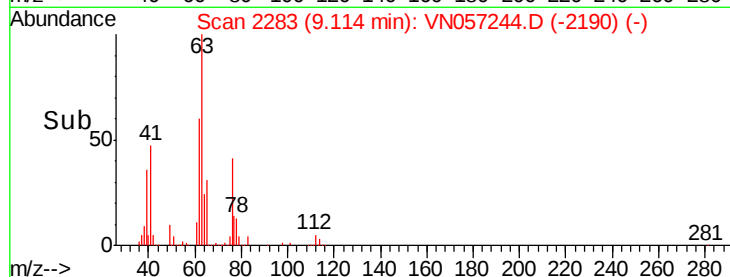
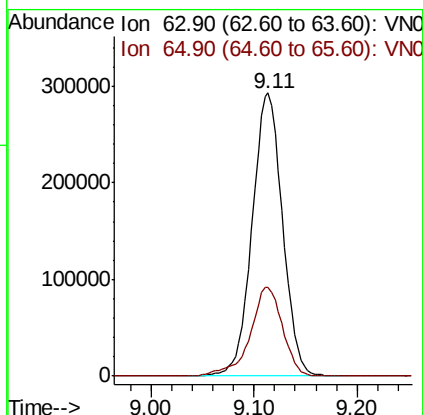
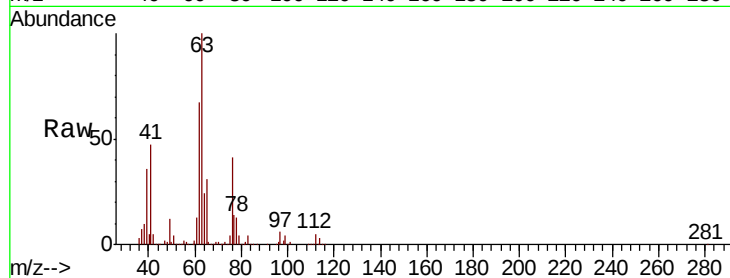
VSTDICCC050

Tgt Ion: 63 Resp: 596966

Ion Ratio Lower Upper

63 100

65 31.2 25.0 37.4



#46

Dibromomethane

Concen: 48.790 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

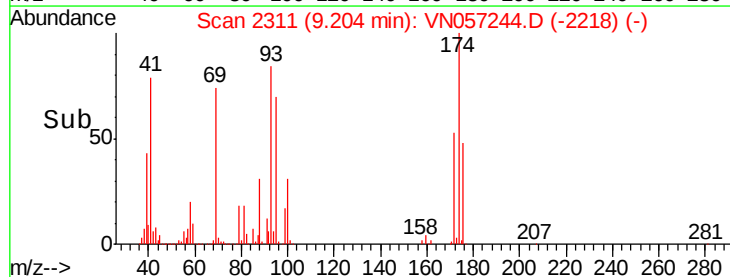
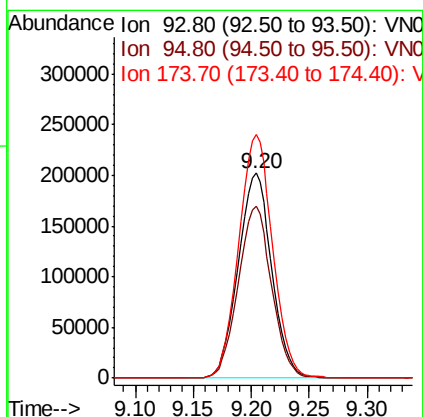
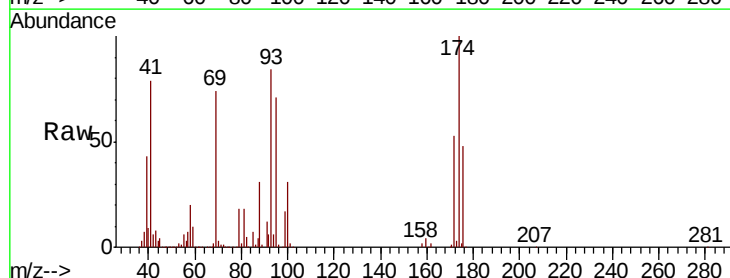
Tgt Ion: 93 Resp: 405516

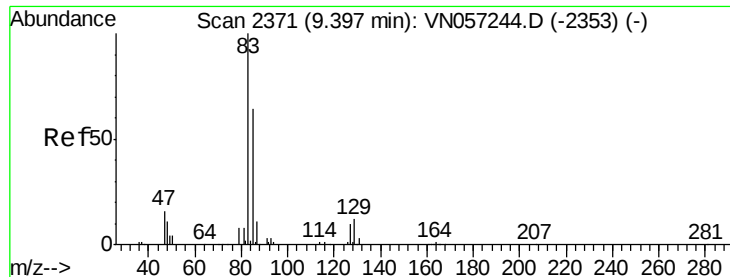
Ion Ratio Lower Upper

93 100

95 83.7 67.0 100.4

174 120.2 96.2 144.2





#47

Bromodichloromethane

Concen: 50.607 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

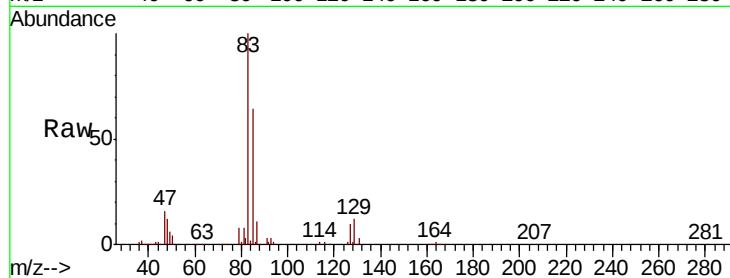
Tgt Ion: 83 Resp: 805069

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

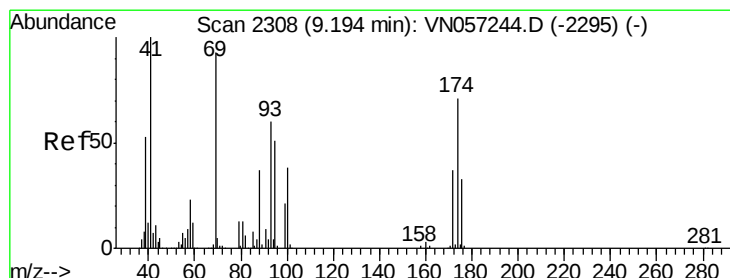
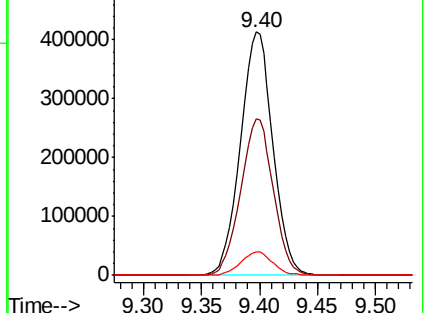
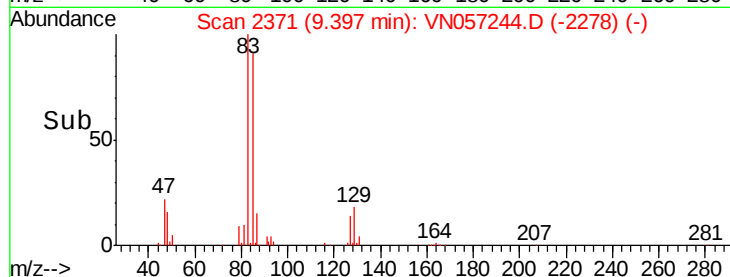
127 9.6 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 42.129 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

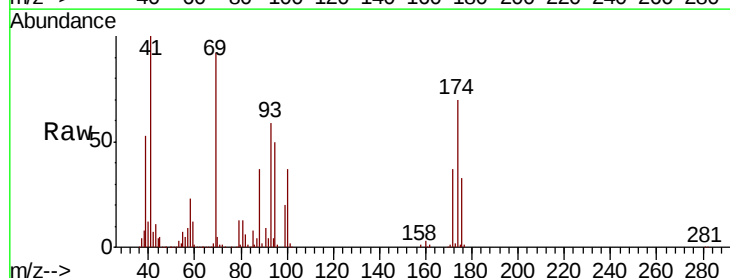
Tgt Ion: 41 Resp: 503662

Ion Ratio Lower Upper

41 100

69 94.6 75.7 113.5

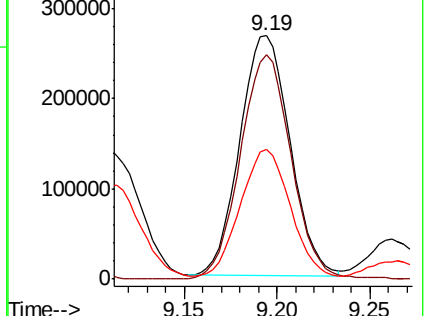
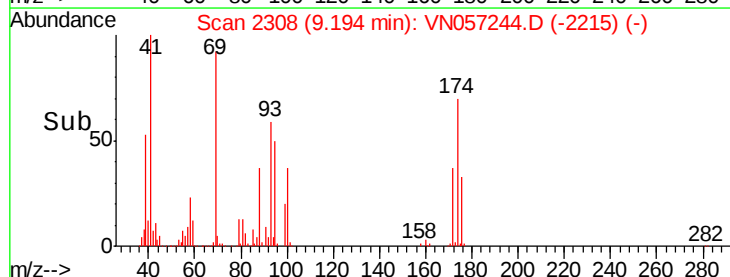
39 54.1 43.3 64.9

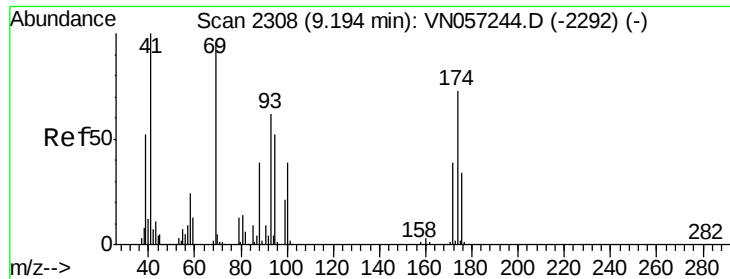


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

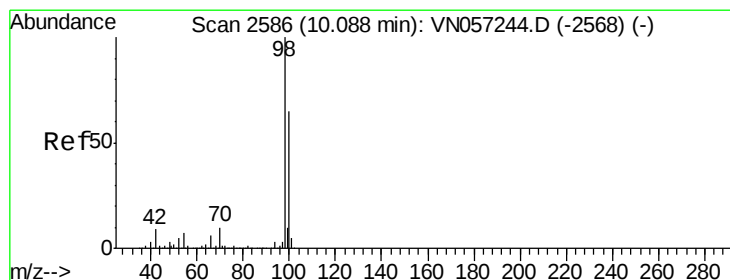
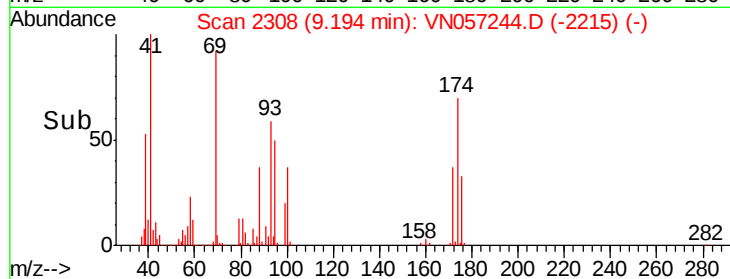
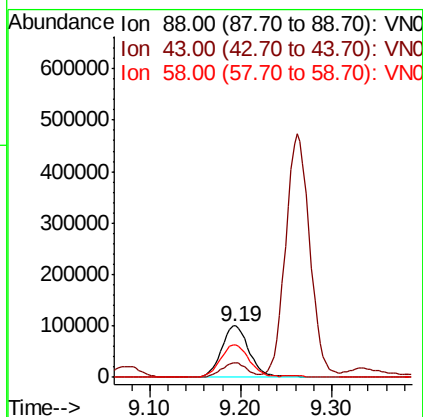
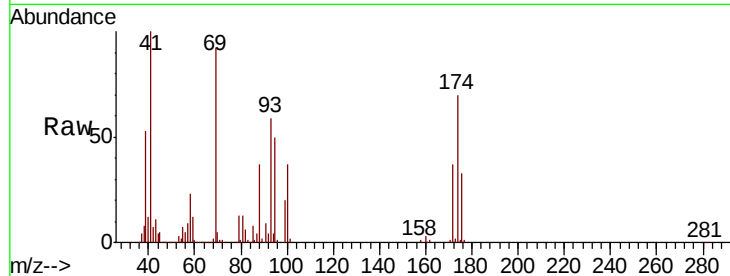




#49
1,4-Dioxane
Concen: 856.254 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

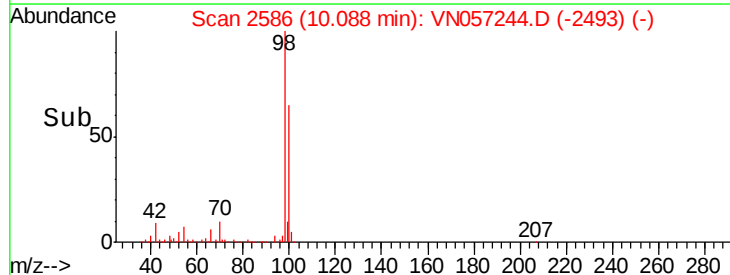
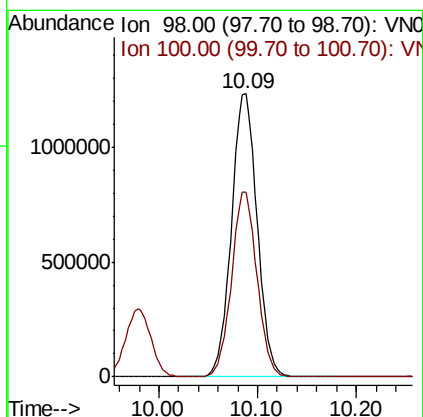
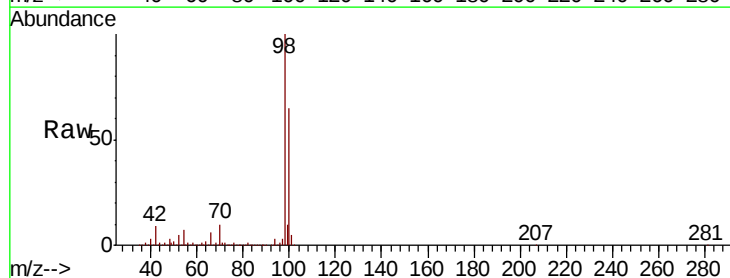
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

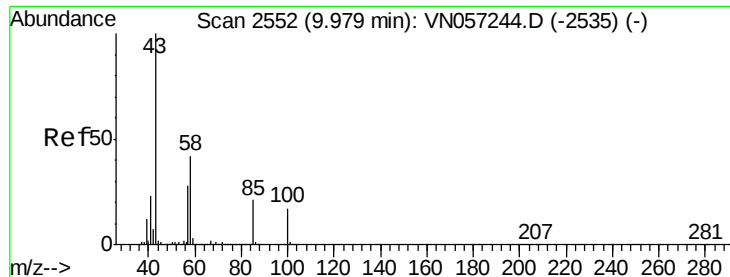
Tgt Ion: 88 Resp: 213390
Ion Ratio Lower Upper
88 100
43 25.9 20.7 31.1
58 65.0 52.0 78.0



#50
Toluene-d8
Concen: 51.611 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 98 Resp: 2235183
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

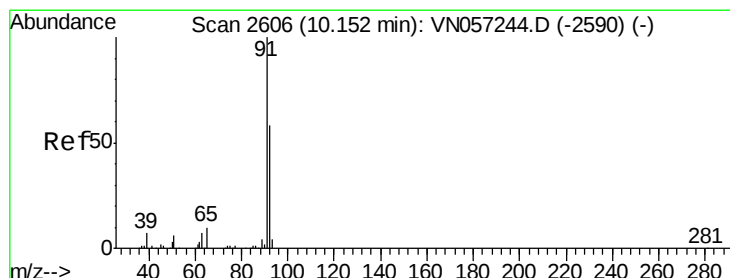
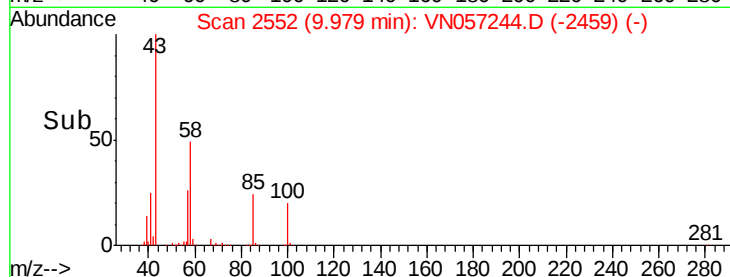
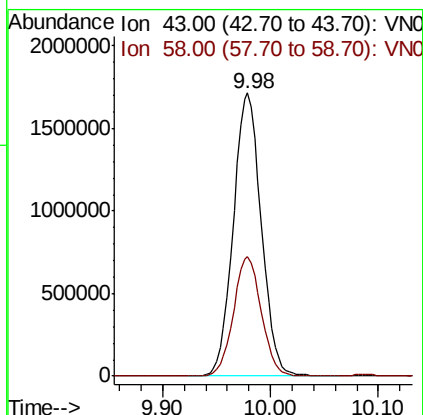
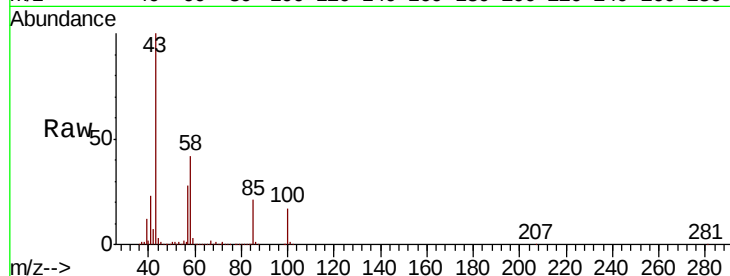




#51
 4-Methyl-2-Pentanone
 Concen: 194.840 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

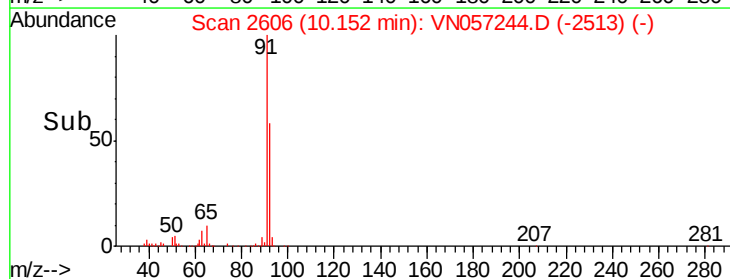
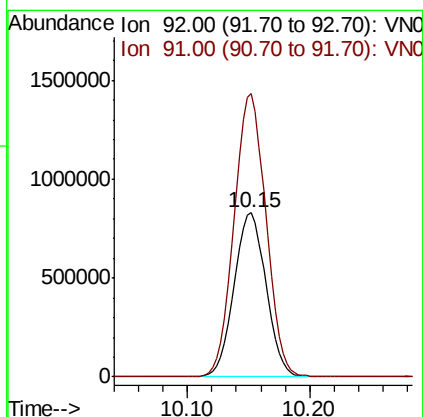
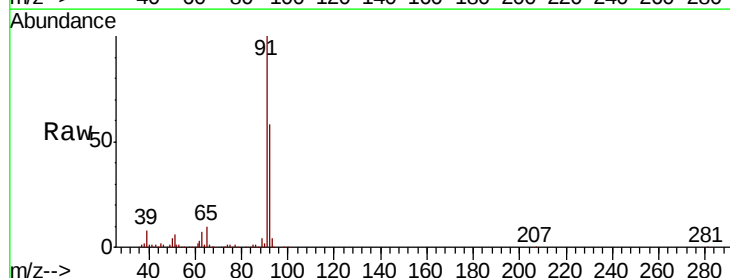
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

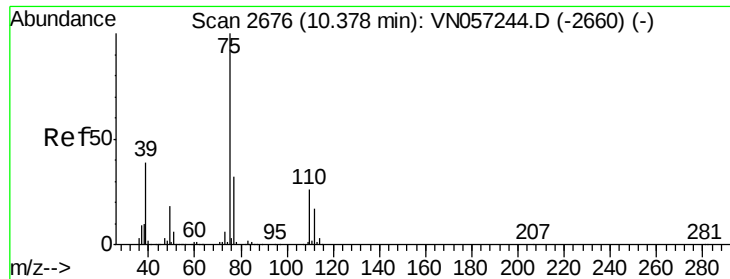
Tgt Ion: 43 Resp: 3095435
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.7 50.5



#52
 Toluene
 Concen: 49.937 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion: 92 Resp: 1503337
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 53.008 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

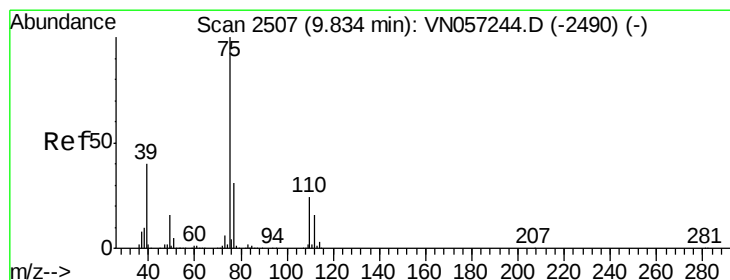
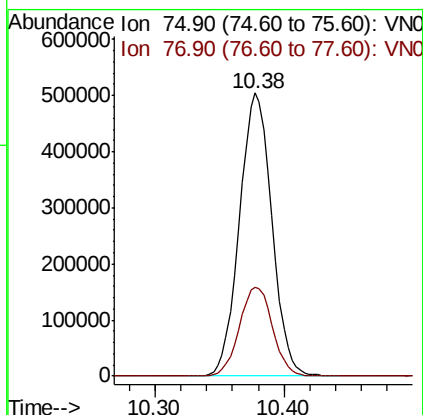
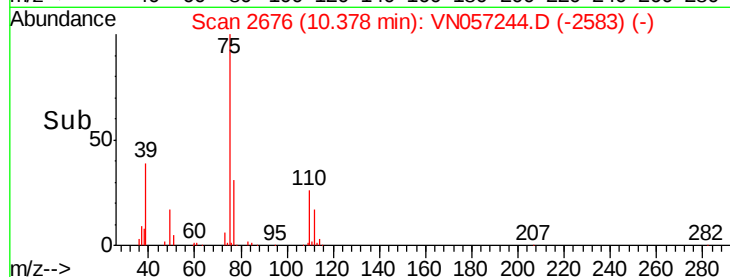
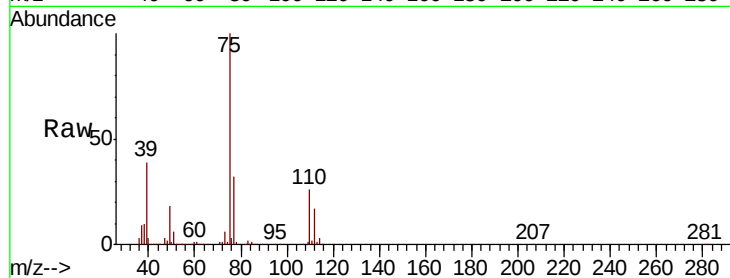
VSTDICCC050

Tgt Ion: 75 Resp: 881345

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.077 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

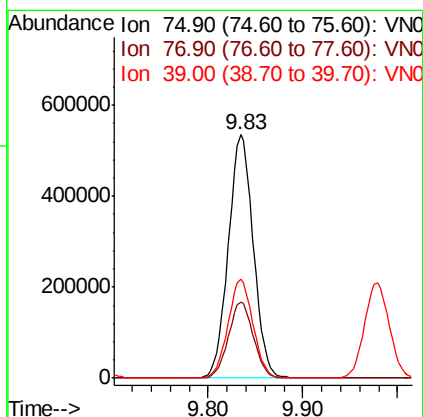
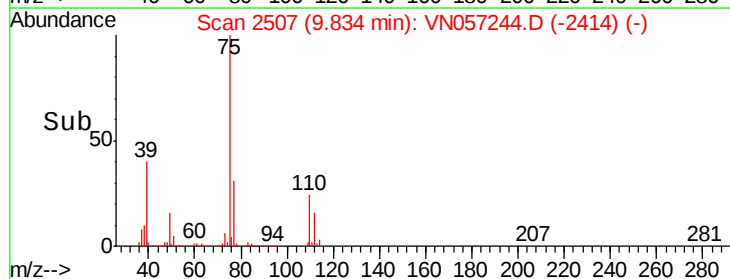
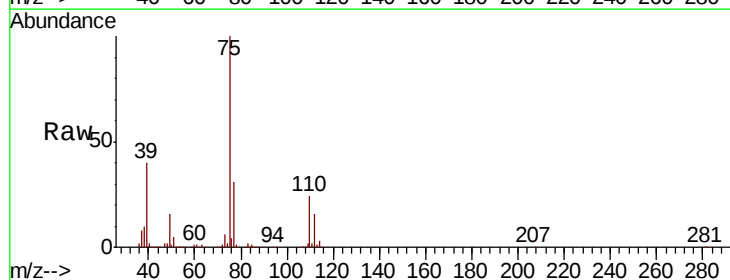
Tgt Ion: 75 Resp: 981325

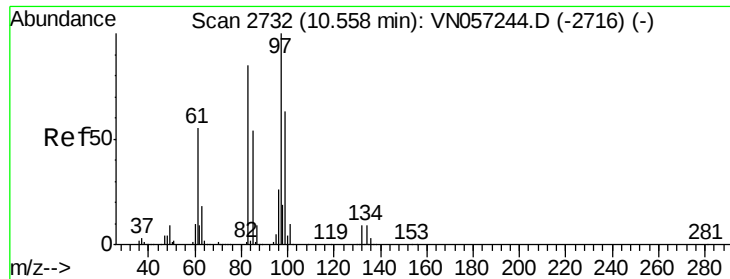
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 40.4 32.3 48.5

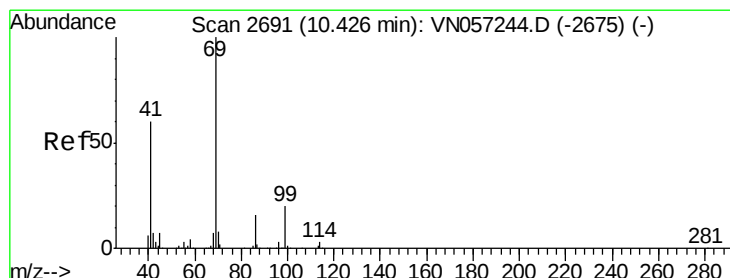
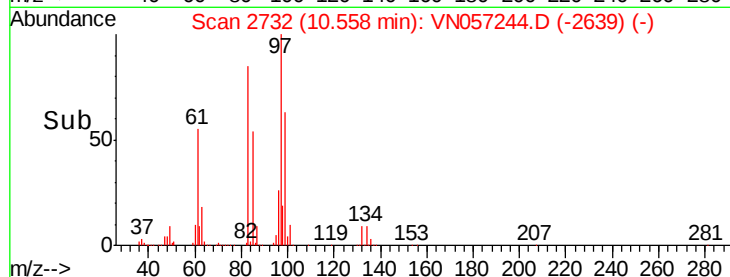
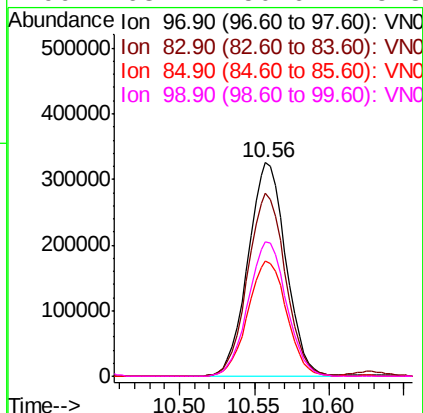
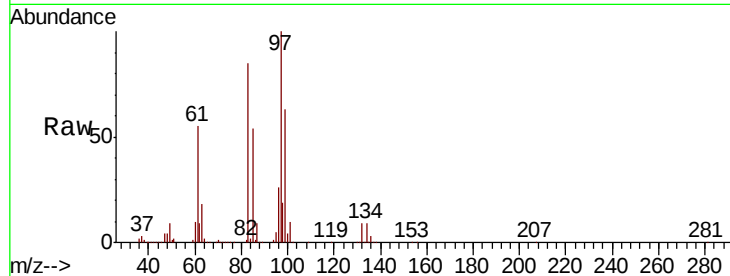




#55
 1,1,2-Trichloroethane
 Concen: 45.833 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

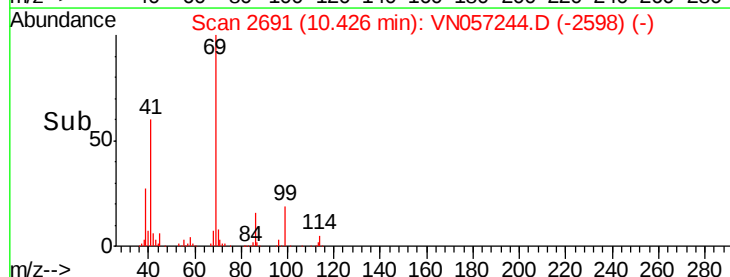
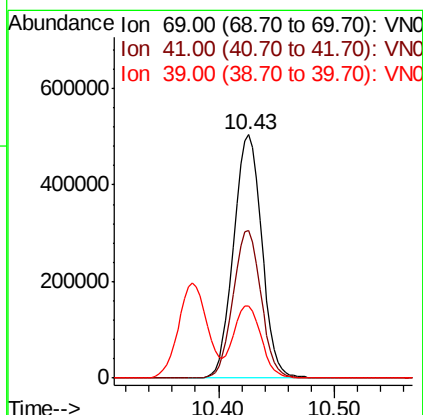
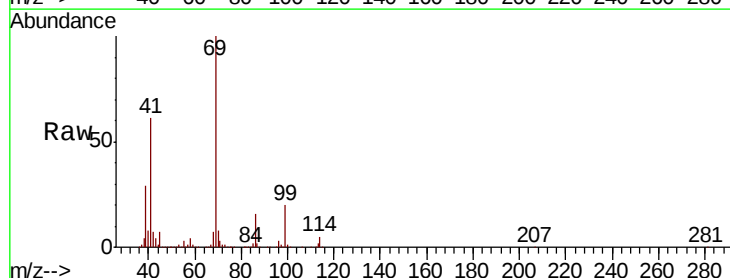
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

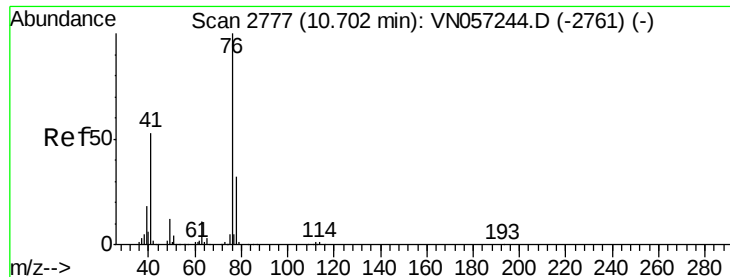
Tgt Ion:	97	Resp:	573496
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	53.8	43.0	64.6
99	63.2	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 47.631 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion:	69	Resp:	847733
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.6	71.4
39	29.2	23.4	35.0





#57

1,3-Dichloropropane

Concen: 46.683 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

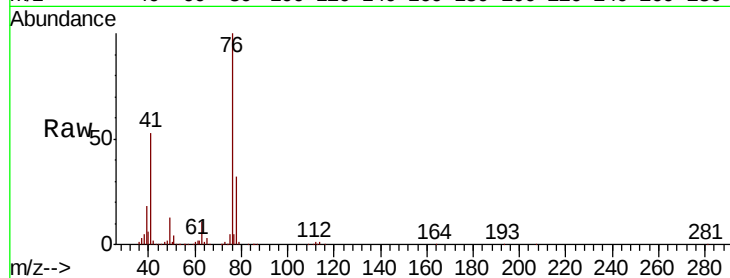
VSTDICCC050

Tgt Ion: 76 Resp: 952996

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN057244.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN057244.D (-2761) (-)

10.70

600000

500000

400000

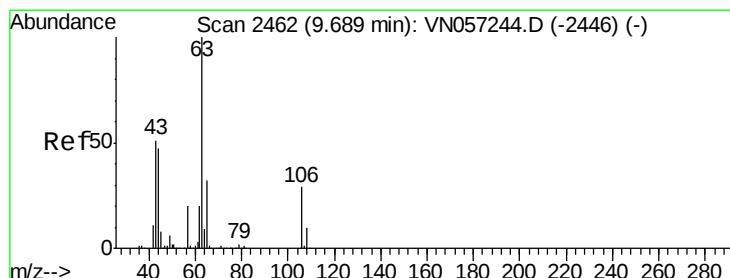
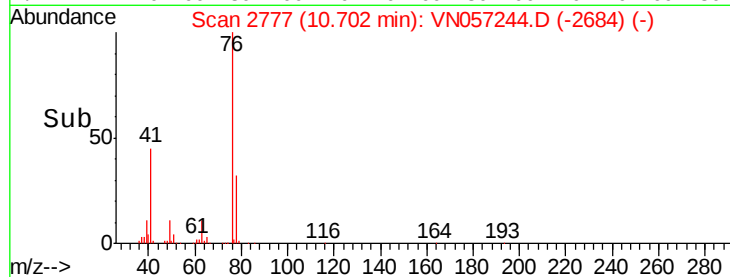
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 134.970 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057244.D

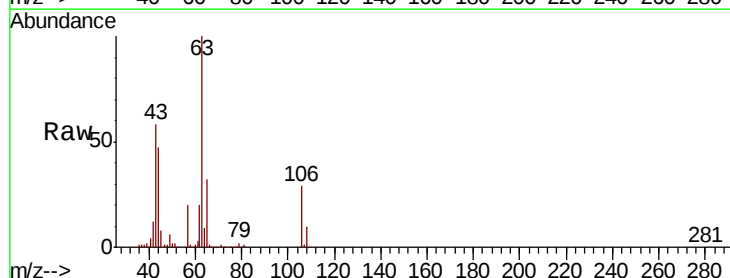
Acq: 13 Aug 2019 12:39

Tgt Ion: 63 Resp: 1065327

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN057244.D (-2446) (-)

Ion 105.90 (105.60 to 106.60): VN057244.D (-2446) (-)

9.69

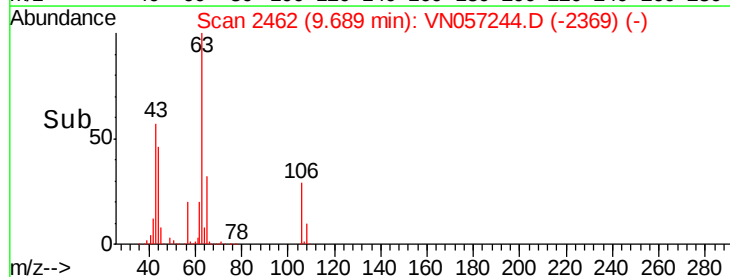
600000

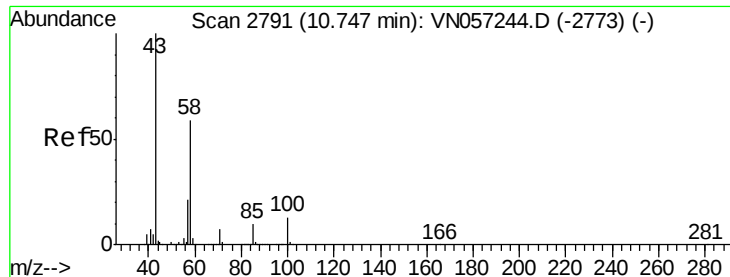
400000

200000

0

Time--> 9.60 9.70 9.80

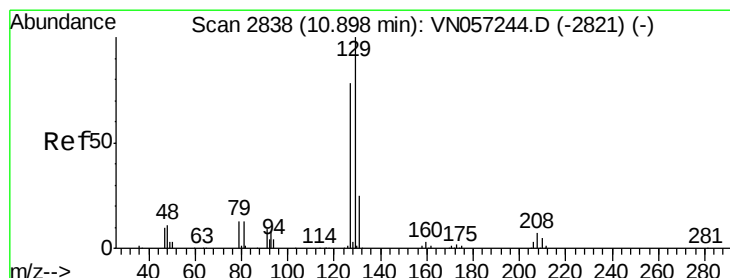
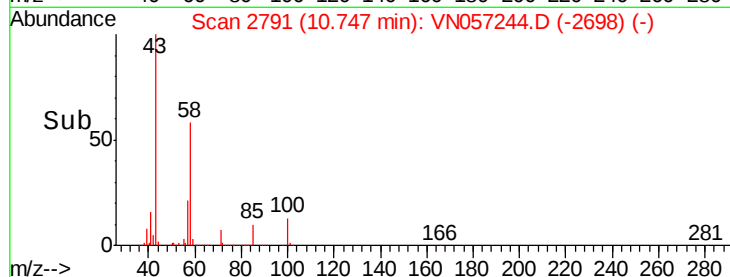
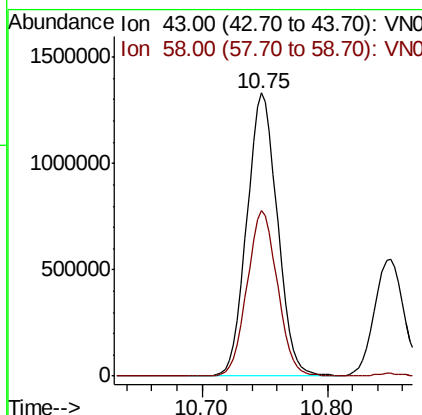
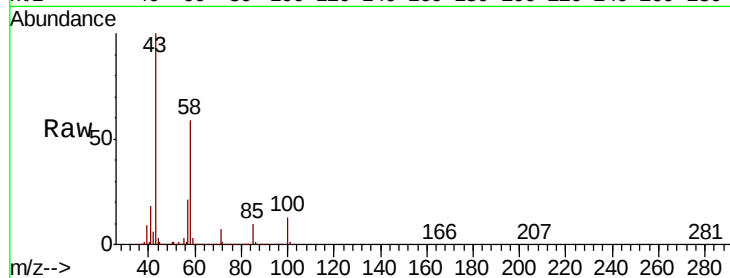




#59
2-Hexanone
Concen: 198.765 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

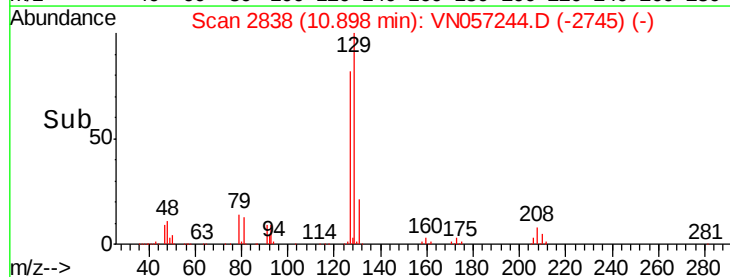
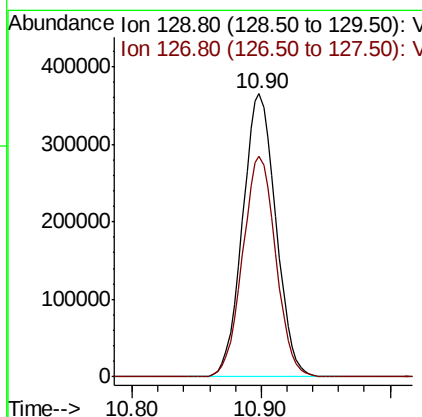
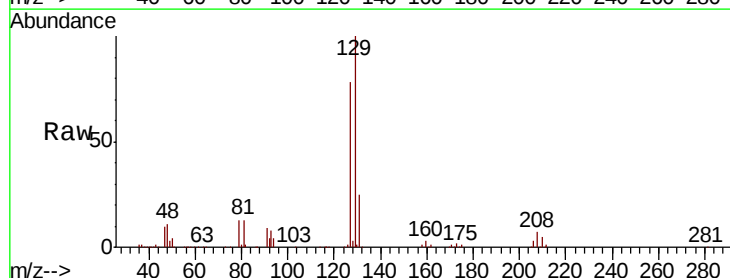
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

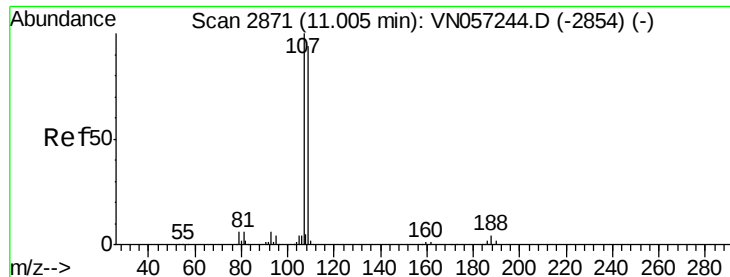
Tgt Ion: 43 Resp: 2255212
Ion Ratio Lower Upper
43 100
58 58.3 29.1 87.4



#60
Dibromochloromethane
Concen: 52.501 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 129 Resp: 655377
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.017 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

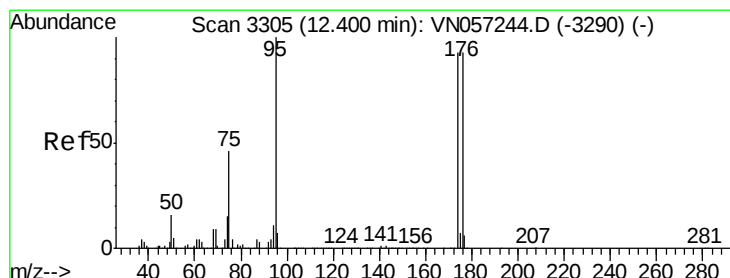
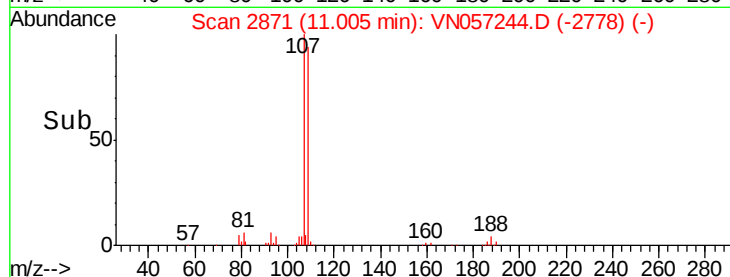
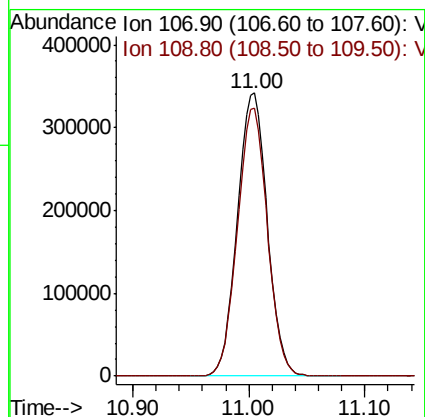
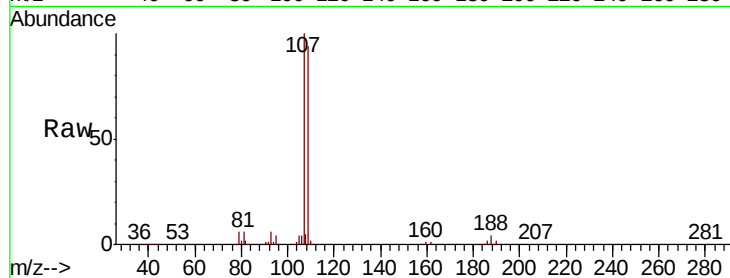
VSTDICCC050

Tgt Ion: 107 Resp: 611510

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 51.688 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

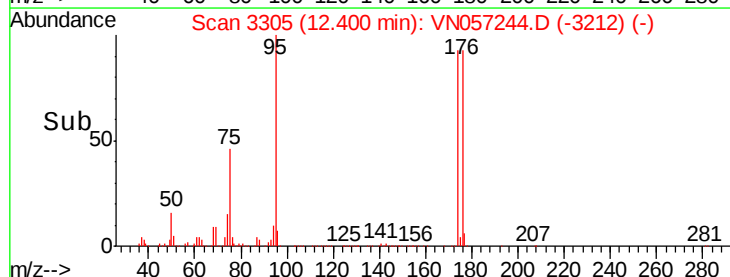
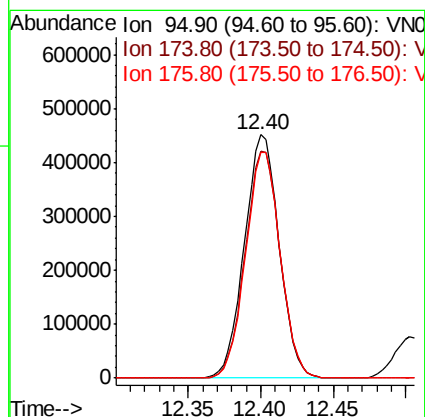
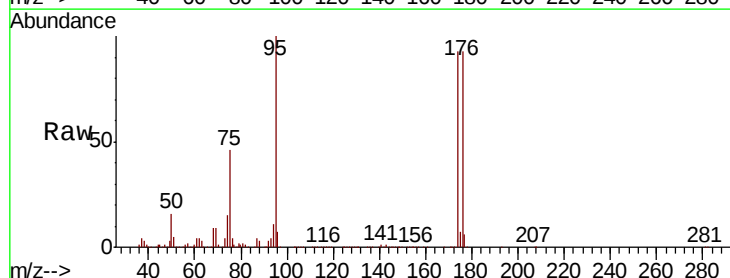
Tgt Ion: 95 Resp: 751888

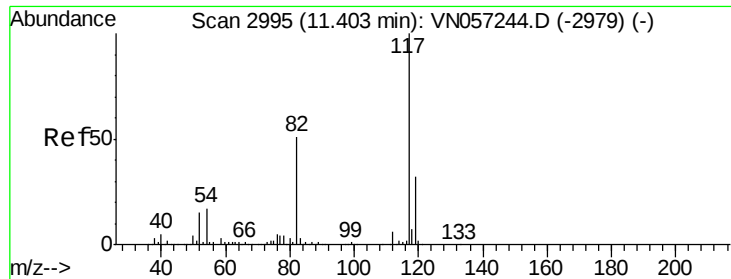
Ion Ratio Lower Upper

95 100

174 93.8 0.0 187.6

176 92.9 0.0 185.8

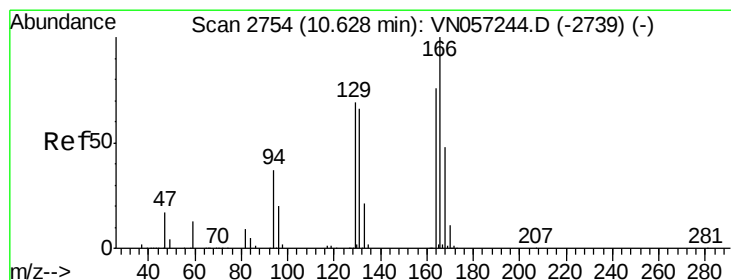
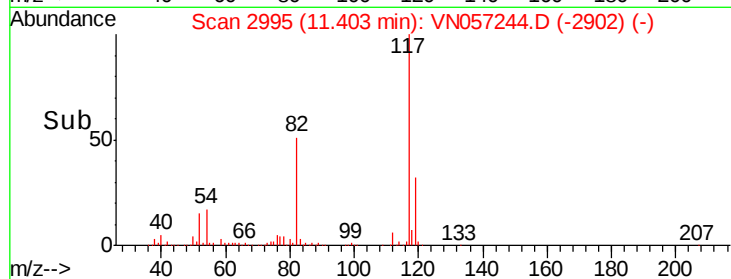
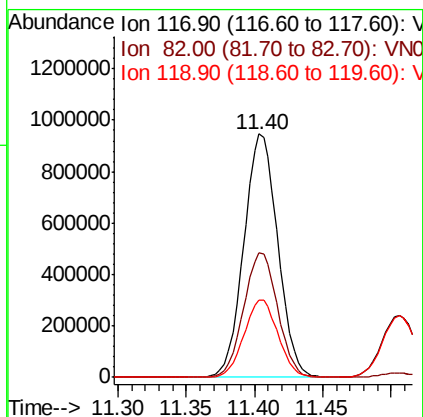
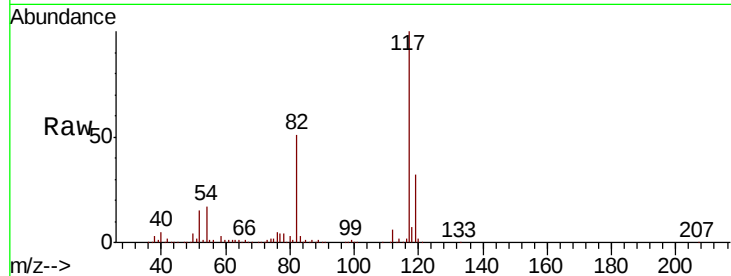




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

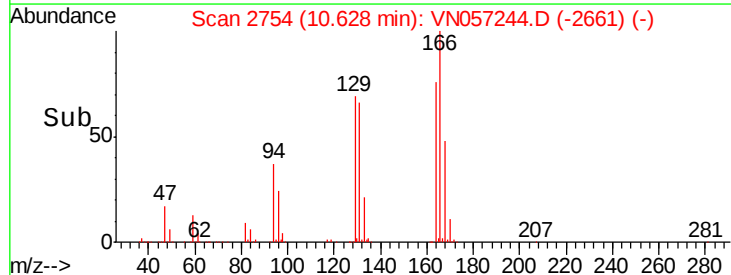
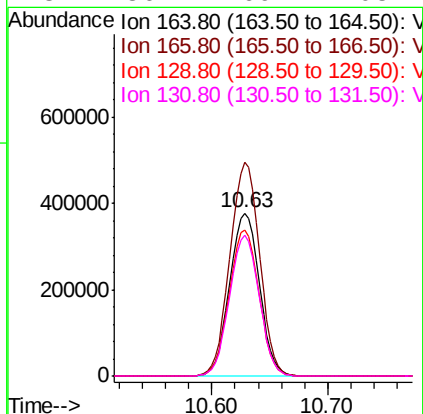
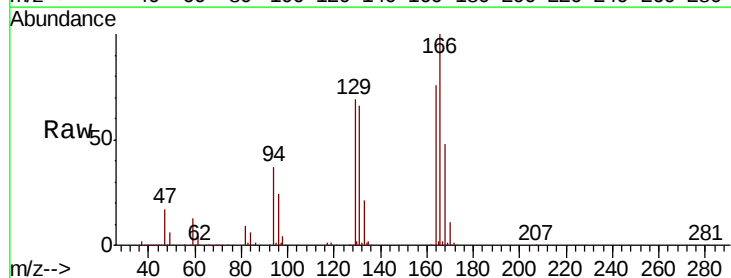
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

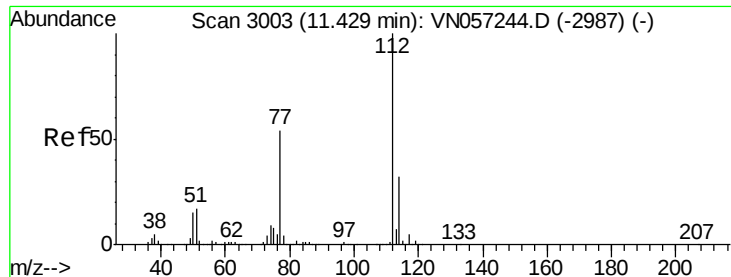
Tgt Ion:117 Resp: 1628451
Ion Ratio Lower Upper
117 100
82 51.1 40.9 61.3
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 47.489 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion:164 Resp: 670251
Ion Ratio Lower Upper
164 100
166 131.1 104.9 157.3
129 89.9 71.9 107.9
131 86.4 69.1 103.7

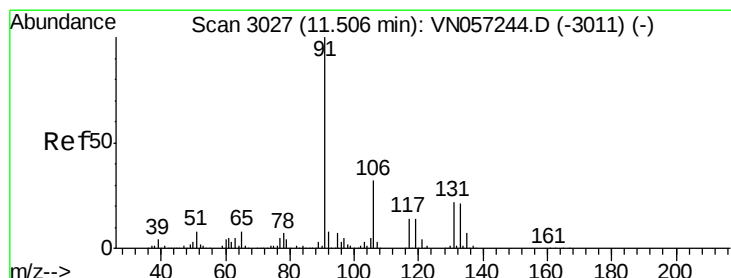
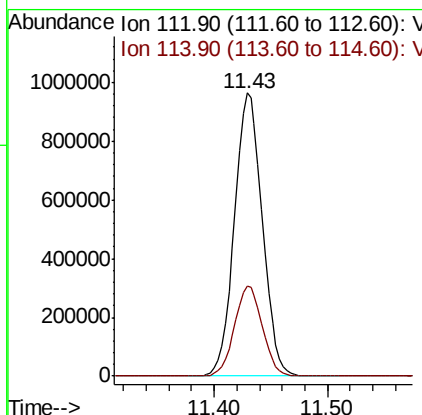
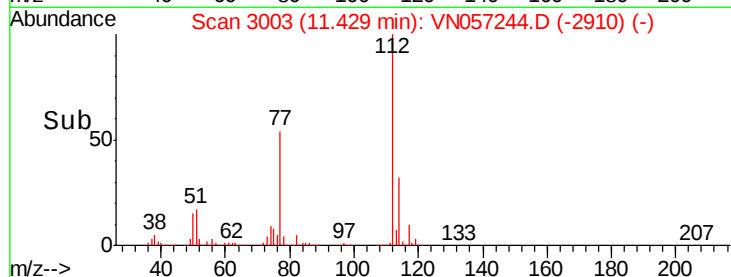
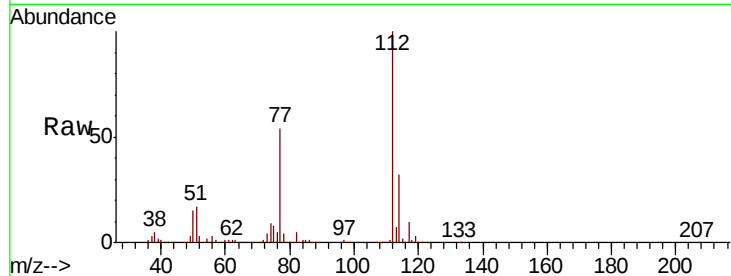




#65
Chlorobenzene
Concen: 49.362 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

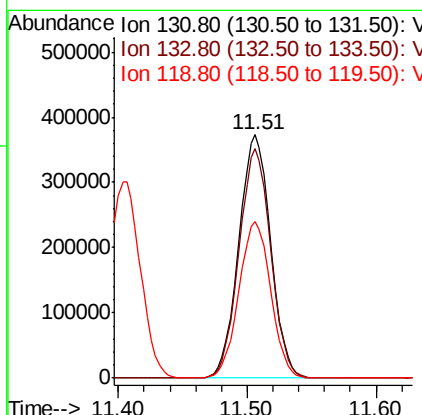
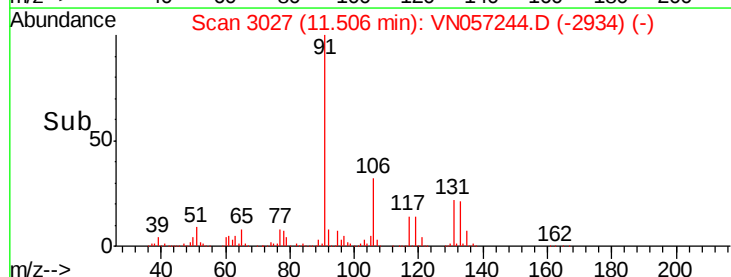
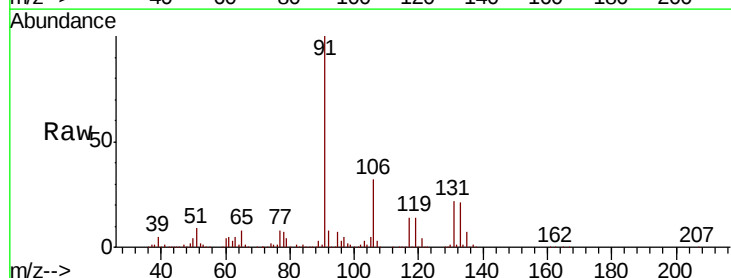
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

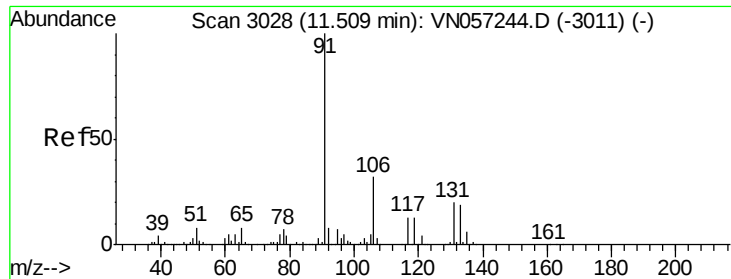
Tgt Ion:112 Resp: 1648778
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.793 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion:131 Resp: 641324
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.7
119 64.5 32.3 96.8

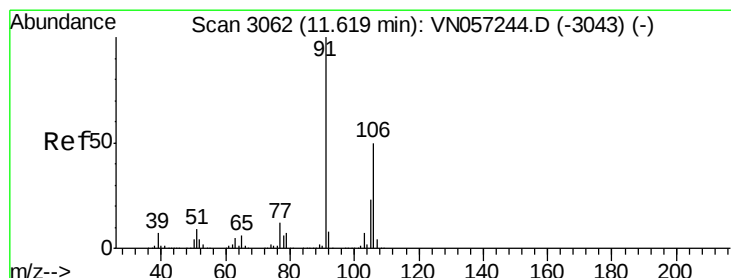
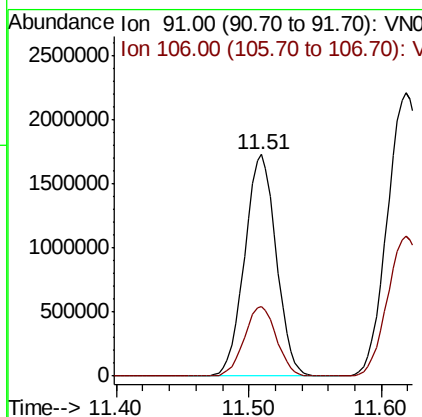
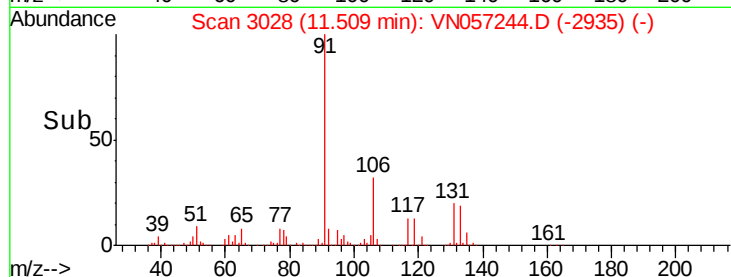
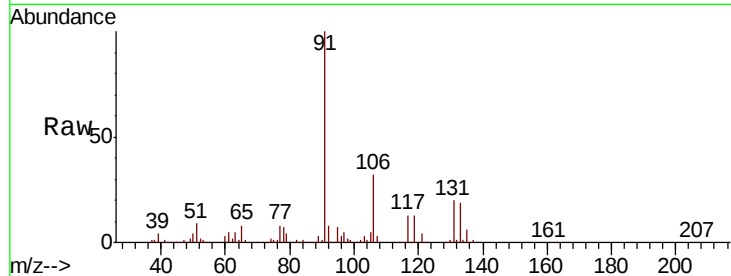




#67
Ethyl Benzene
Concen: 48.983 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

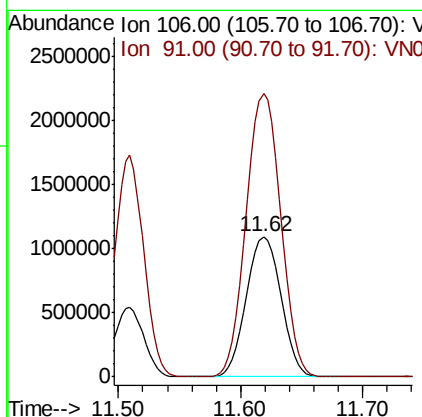
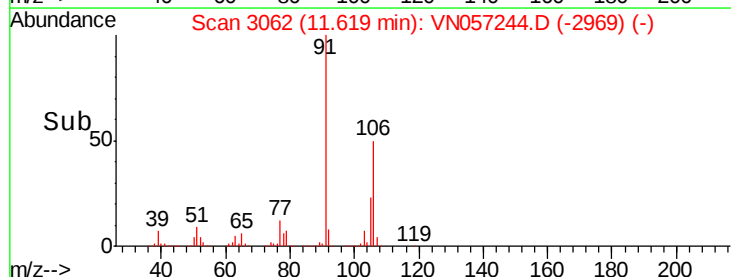
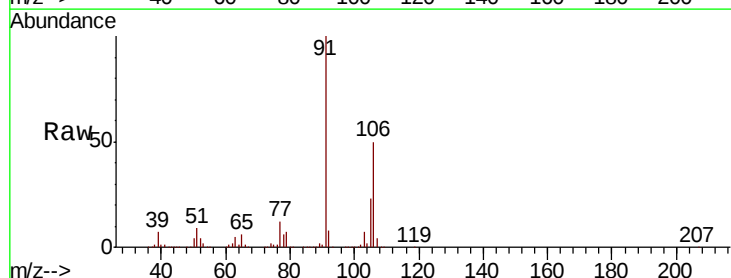
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

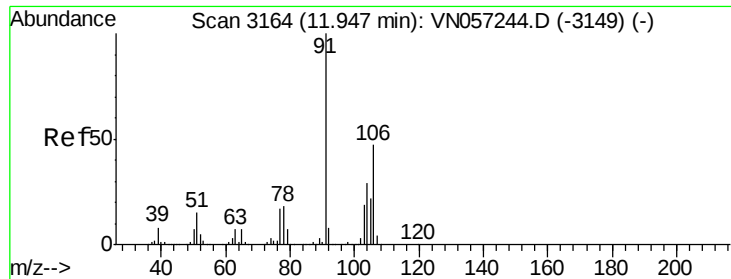
Tgt Ion: 91 Resp: 2862108
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 98.759 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 106 Resp: 2154983
Ion Ratio Lower Upper
106 100
91 201.7 161.4 242.0

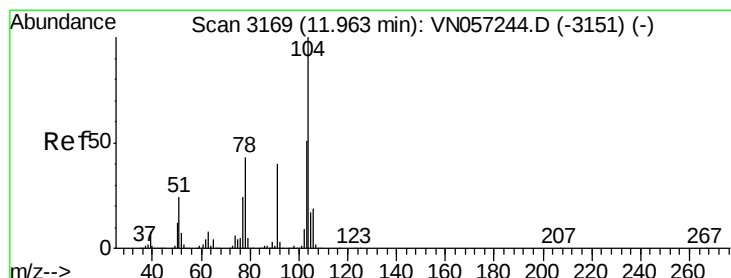
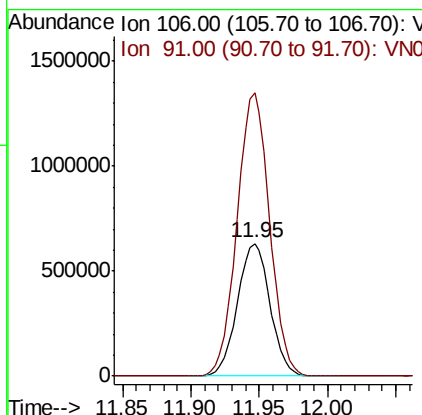
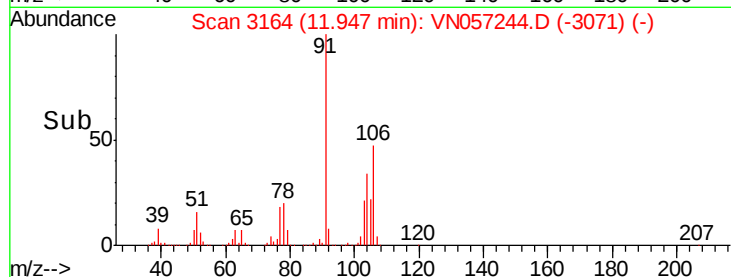
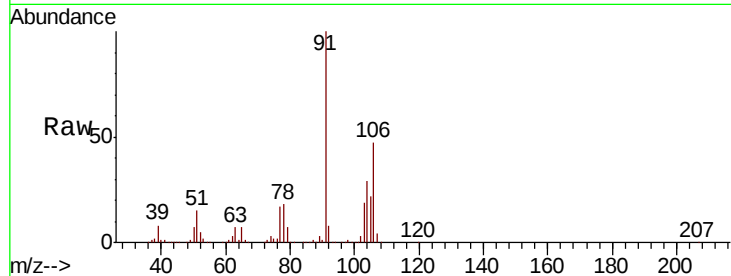




#69
o-Xylene
Concen: 48.810 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

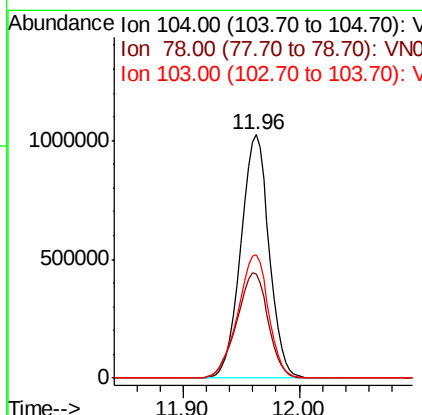
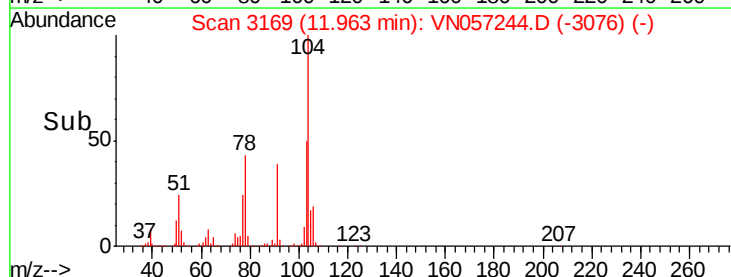
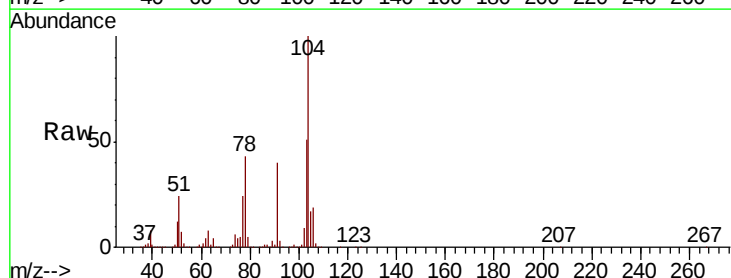
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

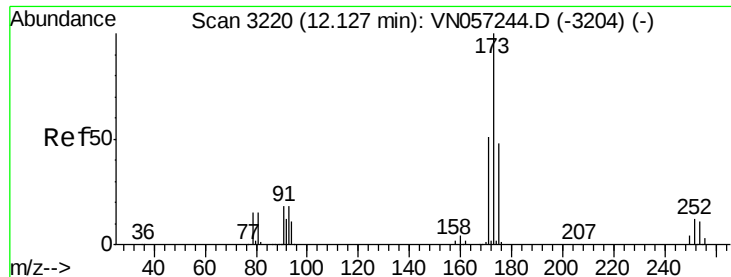
Tgt Ion:106 Resp: 1046772
Ion Ratio Lower Upper
106 100
91 212.9 106.5 319.4



#70
Styrene
Concen: 50.197 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion:104 Resp: 1734587
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 54.9 43.9 65.9





#71

Bromoform

Concen: 54.432 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

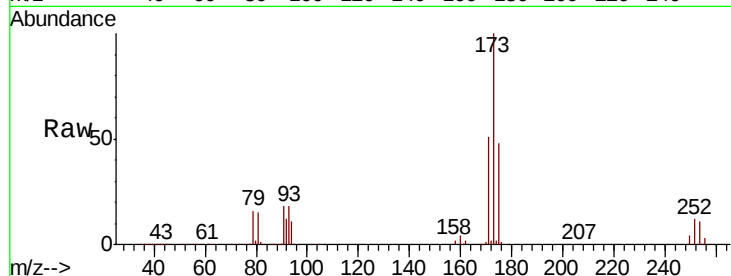
Tgt Ion:173 Resp: 512181

Ion Ratio Lower Upper

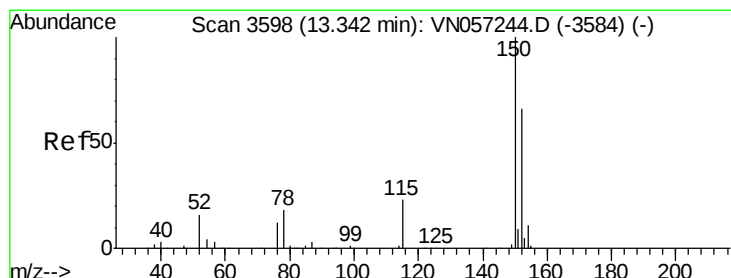
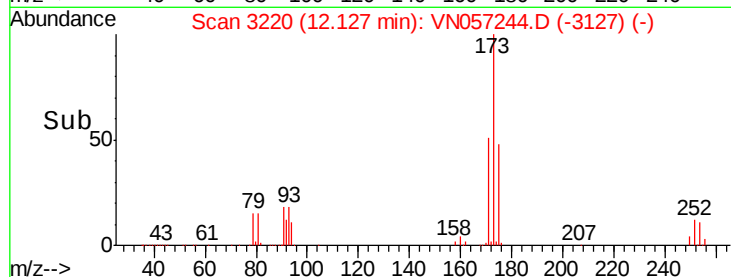
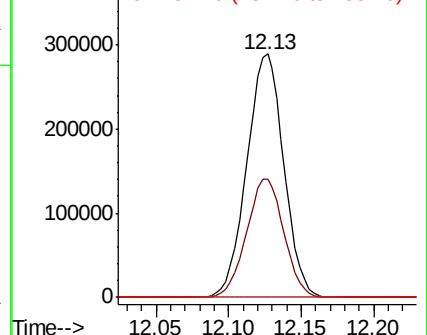
173 100

175 48.8 24.4 73.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

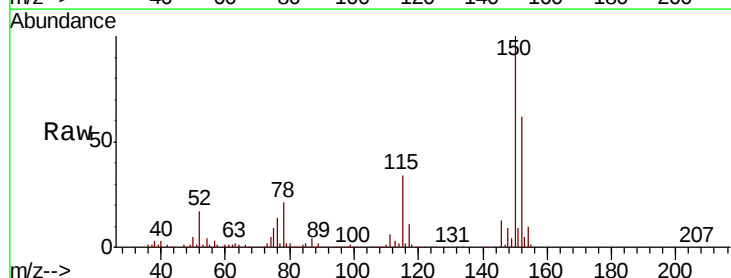
Tgt Ion:152 Resp: 677051

Ion Ratio Lower Upper

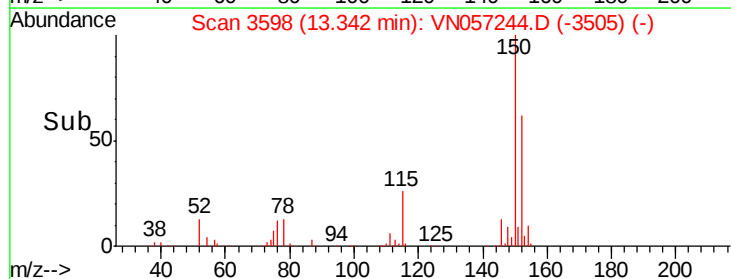
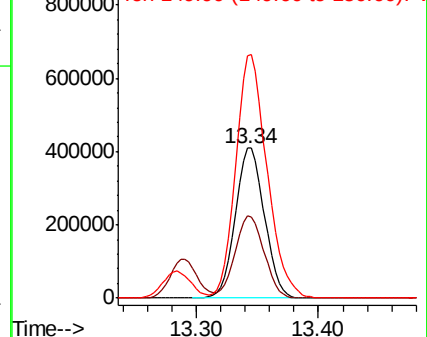
152 100

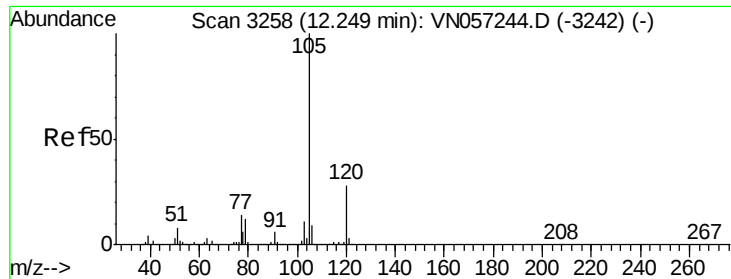
115 55.2 27.6 82.8

150 174.2 0.0 348.4



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





#73

Isopropylbenzene

Concen: 50.809 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

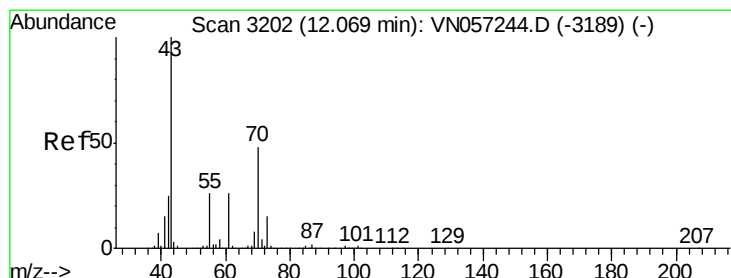
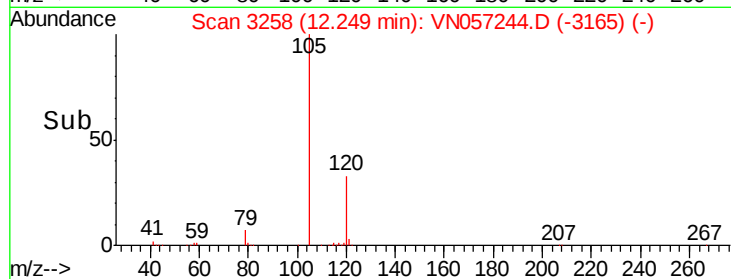
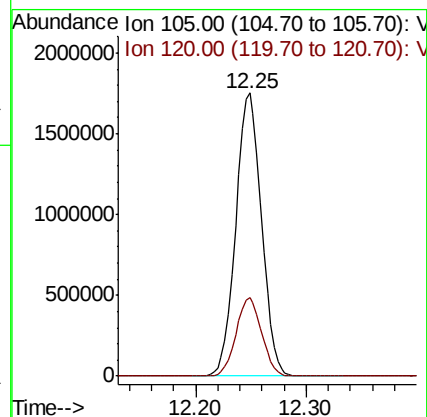
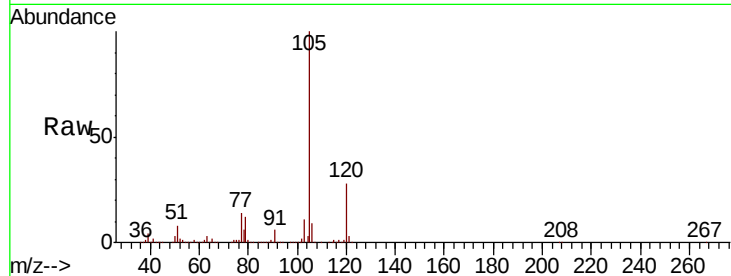
VSTDICCC050

Tgt Ion:105 Resp: 2825281

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 41.935 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Tgt Ion: 43 Resp: 829825

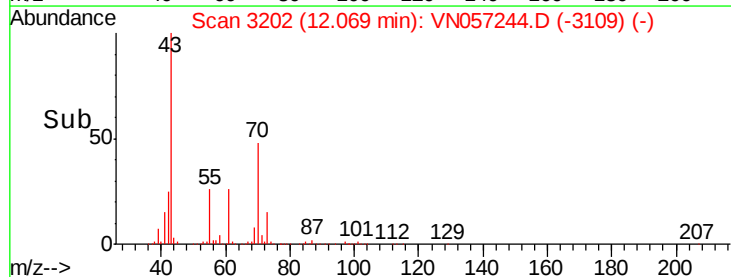
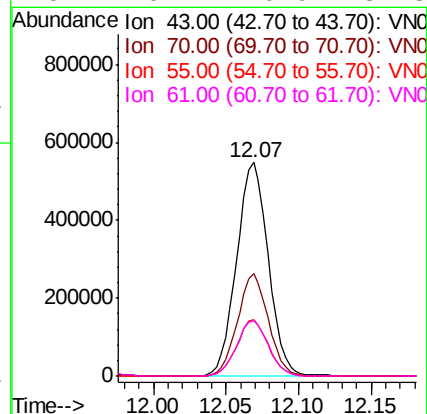
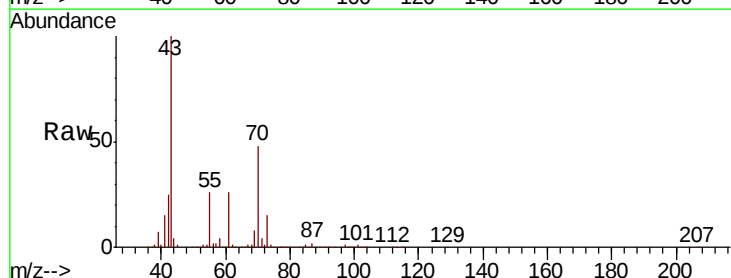
Ion Ratio Lower Upper

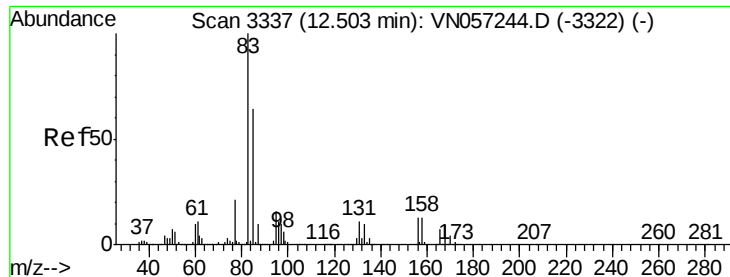
43 100

70 46.8 37.4 56.2

55 26.2 21.0 31.4

61 26.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 42.586 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

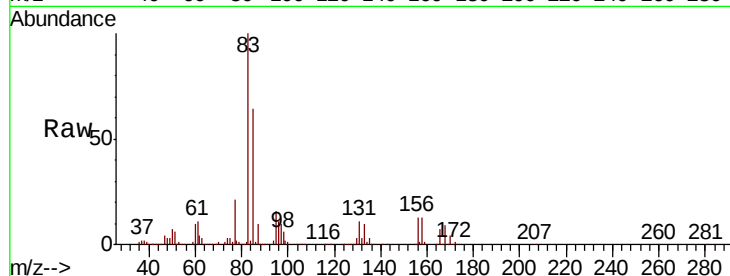
Tgt Ion: 83 Resp: 778791

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.5 32.3 96.8

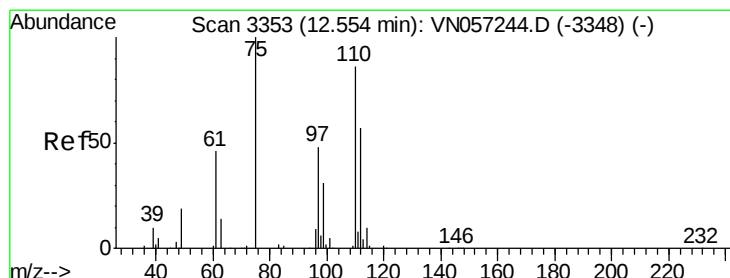
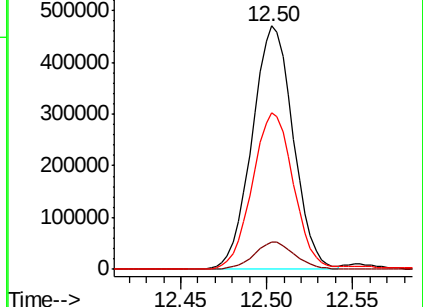
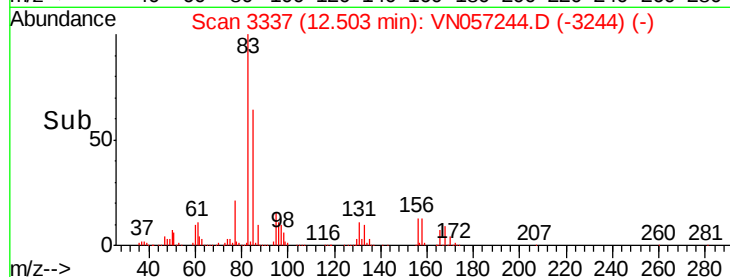


Abundance Ion 82.90 (82.60 to 83.60): VN057244.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN057244.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN057244.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 67.030 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057244.D

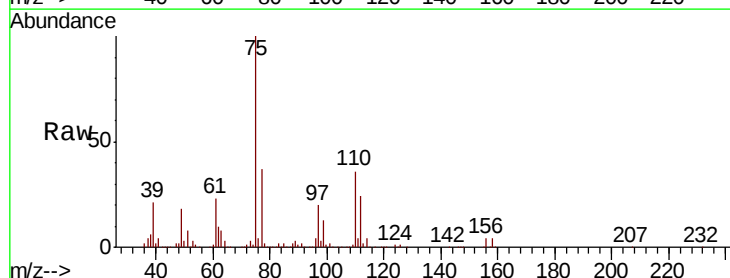
Acq: 13 Aug 2019 12:39

Tgt Ion: 75 Resp: 977141

Ion Ratio Lower Upper

75 100

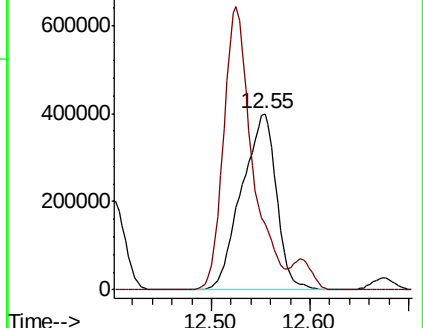
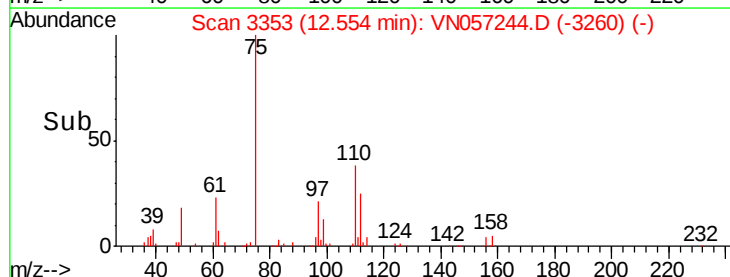
77 0.0 0.0 0.0

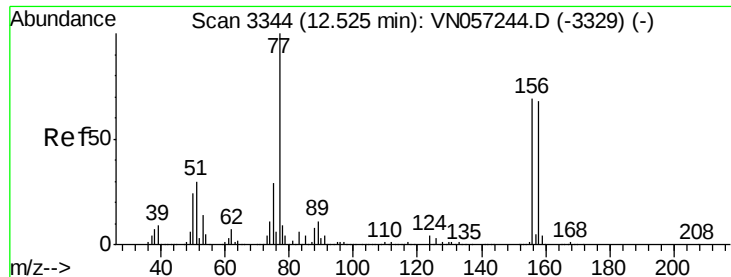


Abundance Ion 74.90 (74.60 to 75.60): VN057244.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN057244.D (-3353) (-)

Time-->





#77

Bromobenzene

Concen: 51.456 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

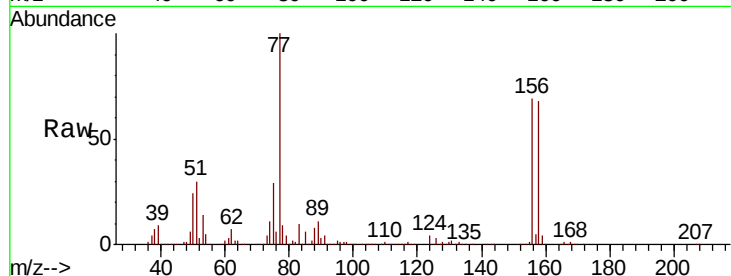
Tgt Ion:156 Resp: 749676

Ion Ratio Lower Upper

156 100

77 176.1 88.0 264.1

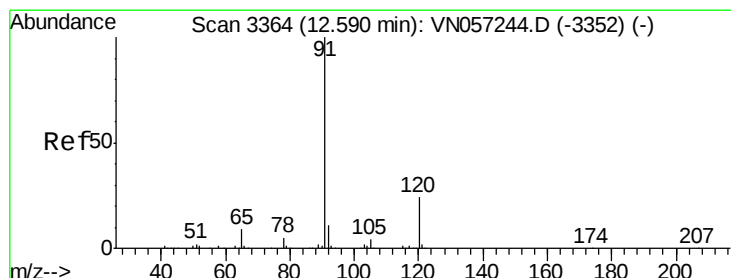
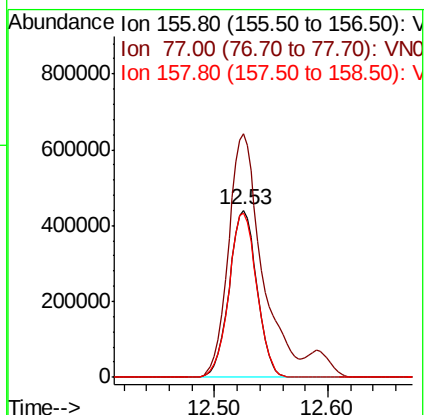
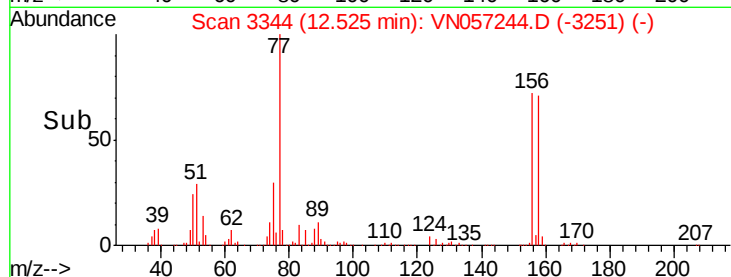
158 98.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.183 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057244.D

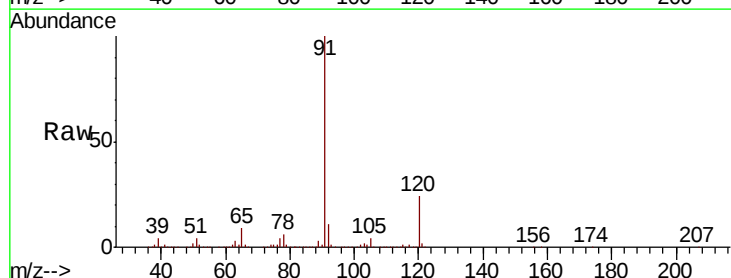
Acq: 13 Aug 2019 12:39

Tgt Ion: 91 Resp: 3003752

Ion Ratio Lower Upper

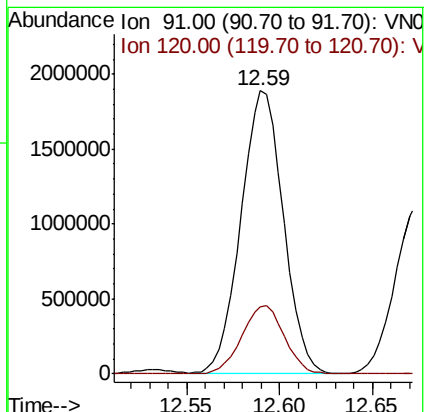
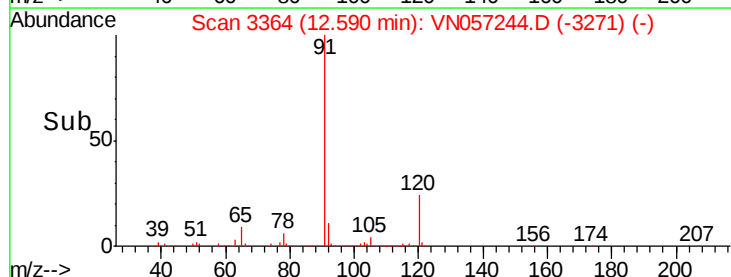
91 100

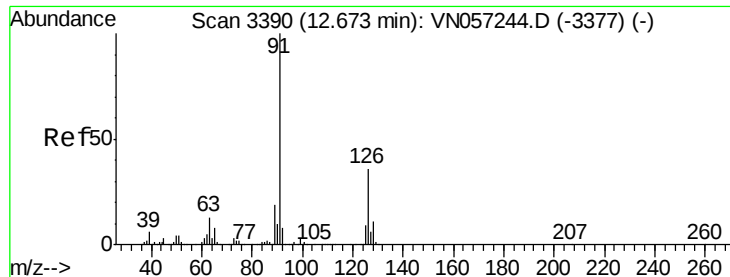
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.520 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

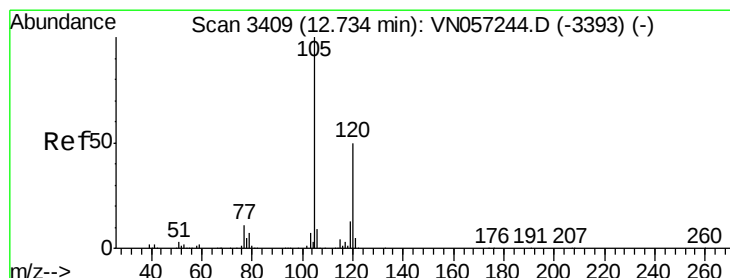
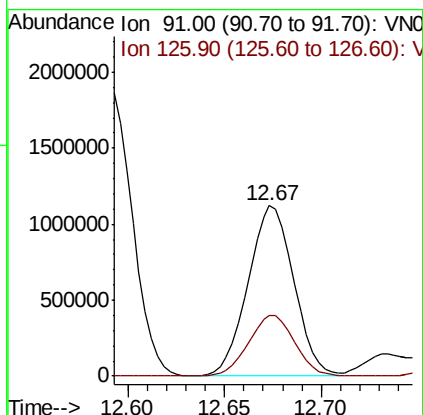
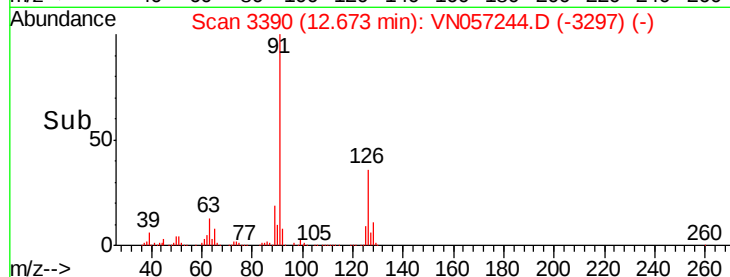
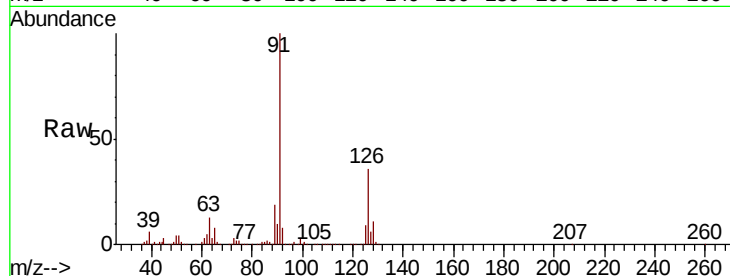
VSTDICCC050

Tgt Ion: 91 Resp: 1842854

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 50.258 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057244.D

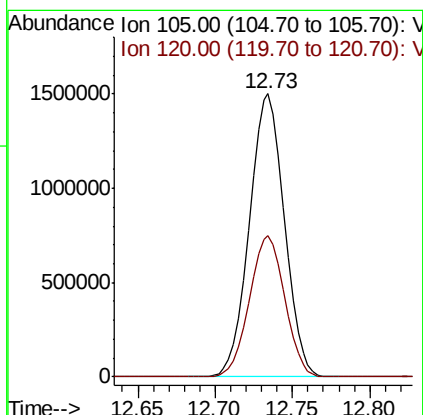
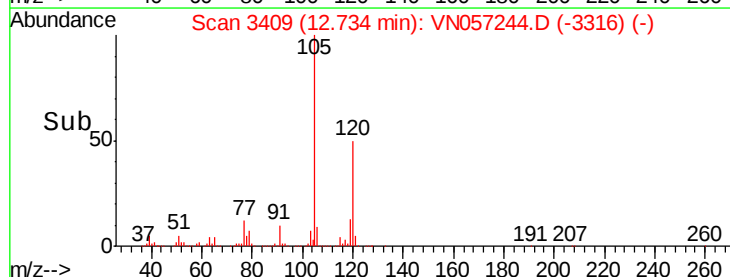
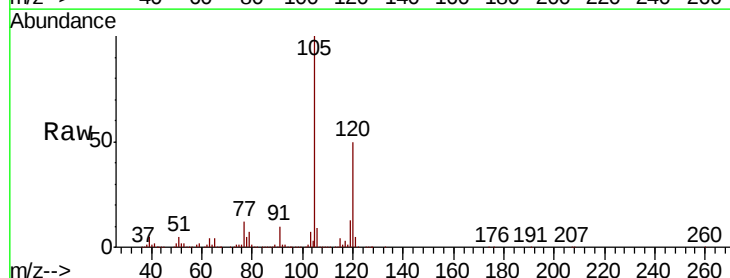
Acq: 13 Aug 2019 12:39

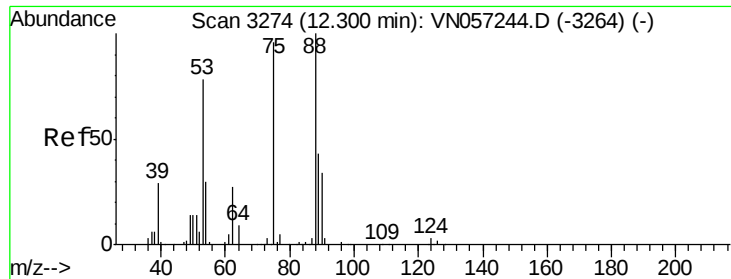
Tgt Ion: 105 Resp: 2360770

Ion Ratio Lower Upper

105 100

120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.003 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

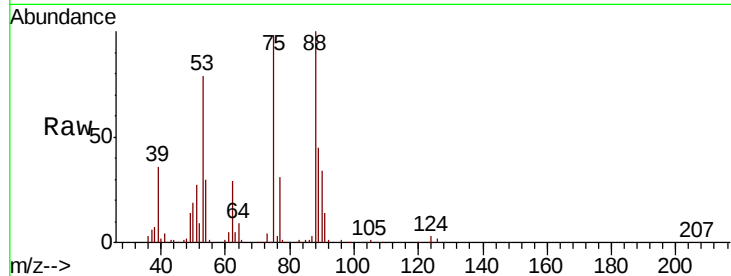
Tgt Ion: 75 Resp: 251170

Ion Ratio Lower Upper

75 100

53 82.2 65.8 98.6

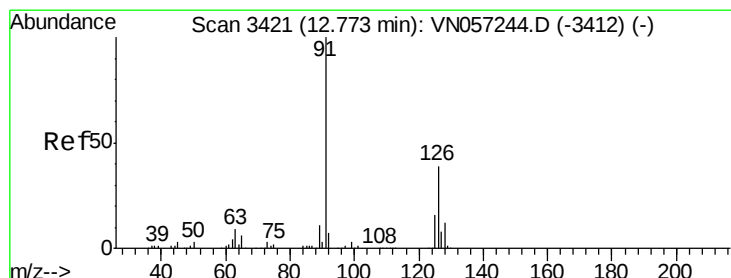
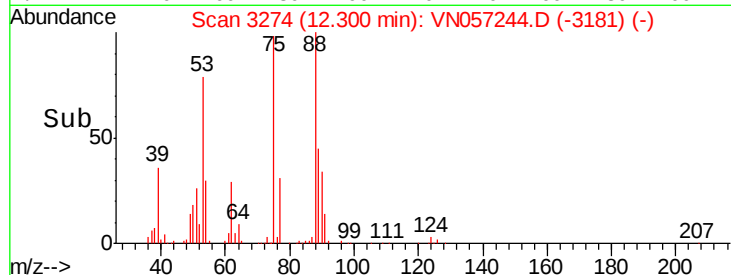
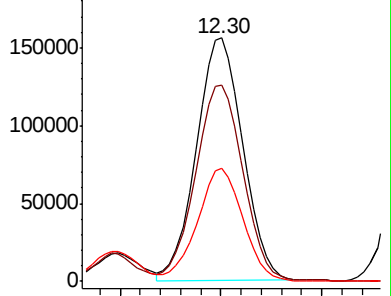
89 45.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN057244.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN057244.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN057244.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 49.006 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057244.D

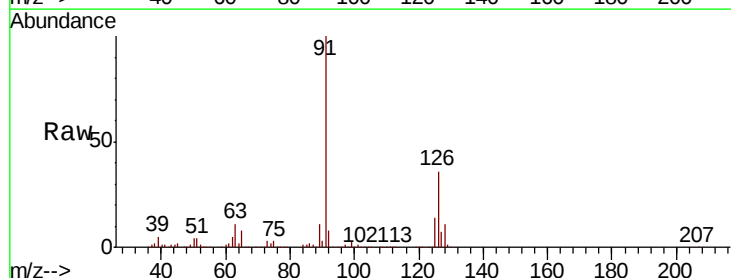
Acq: 13 Aug 2019 12:39

Tgt Ion: 91 Resp: 1752765

Ion Ratio Lower Upper

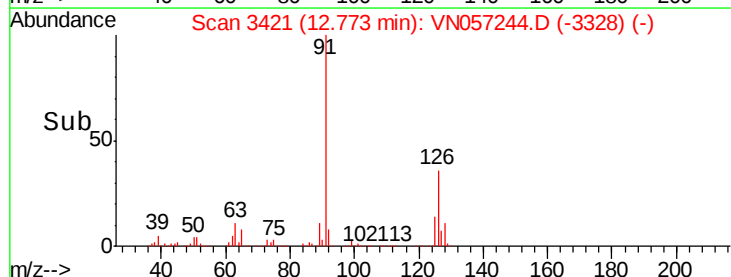
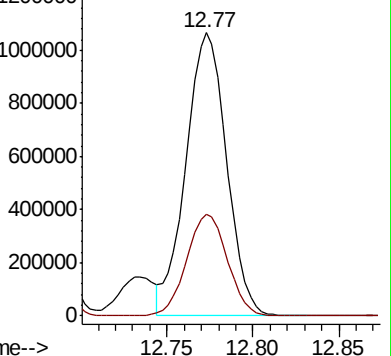
91 100

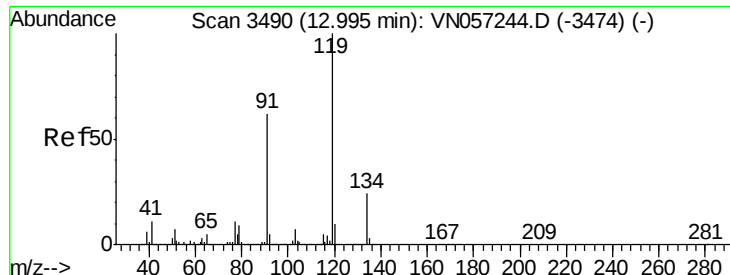
126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN057244.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN057244.D (-3412) (-)

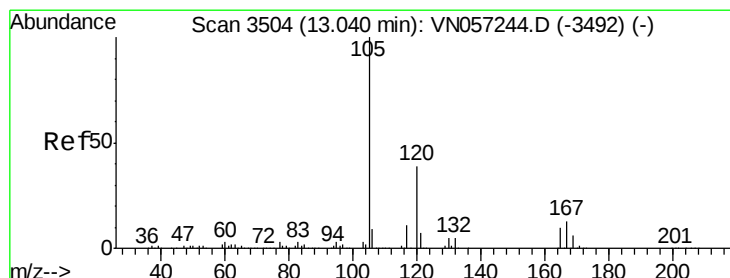
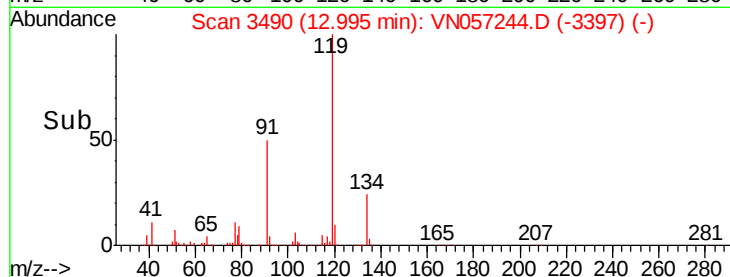
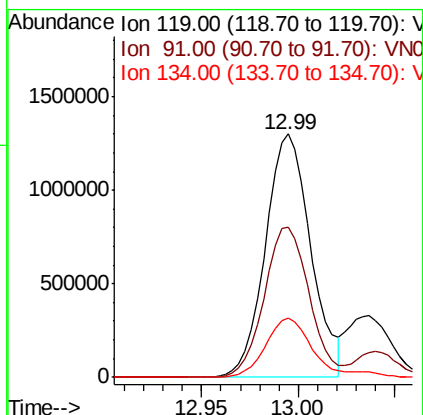
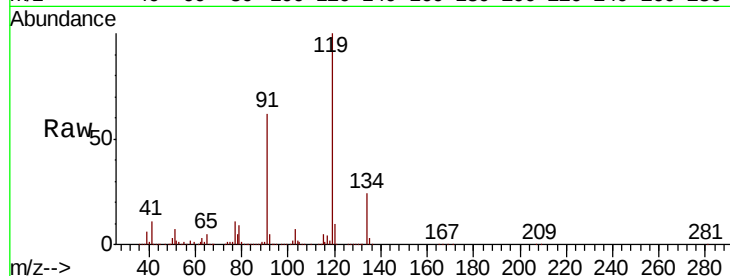




#83
 tert-Butylbenzene
 Concen: 51.365 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

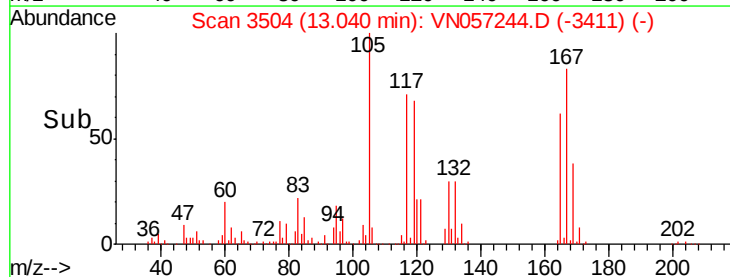
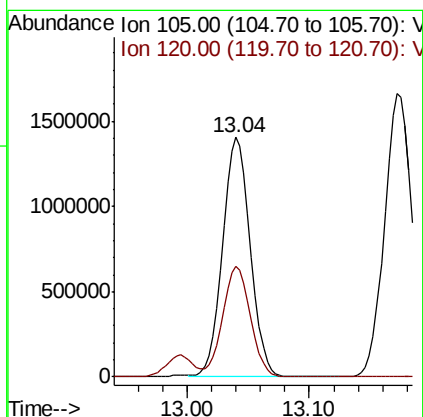
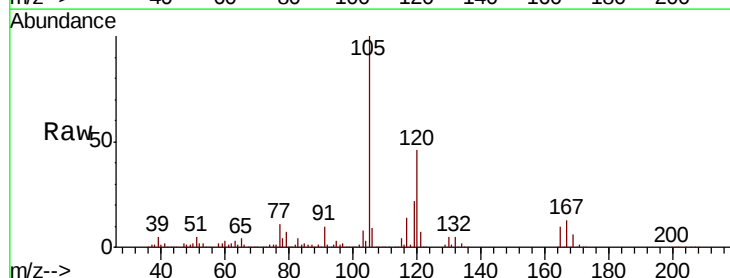
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

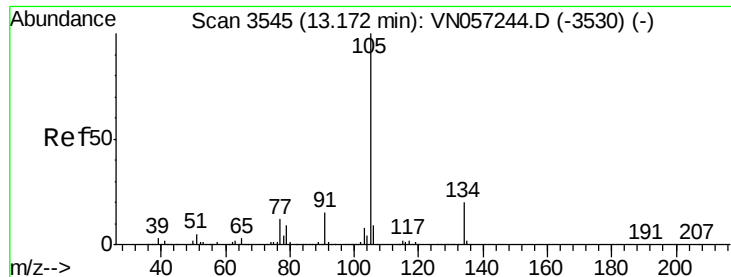
Tgt Ion:119 Resp: 2120213
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.8 92.3
 134 25.8 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.096 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion:105 Resp: 2234210
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.532 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

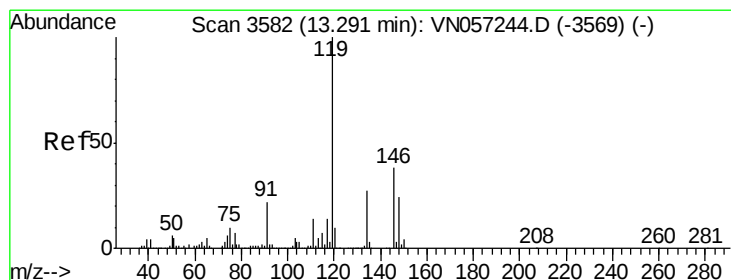
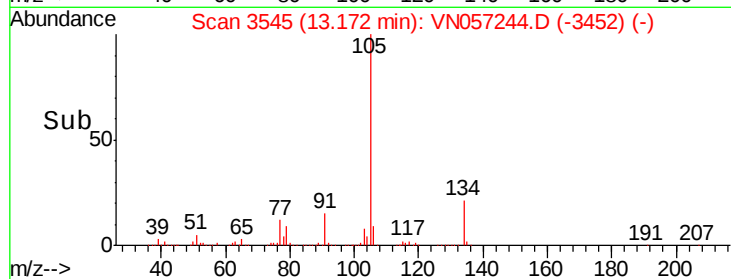
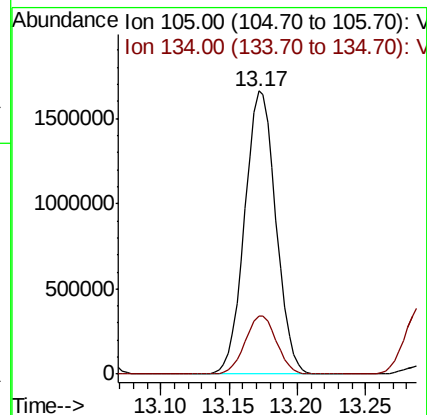
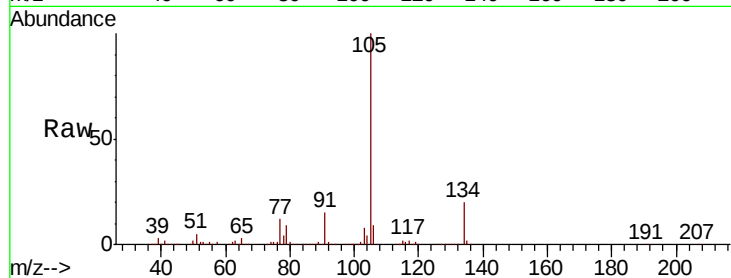
VSTDICCC050

Tgt Ion:105 Resp: 2633439

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 49.383 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

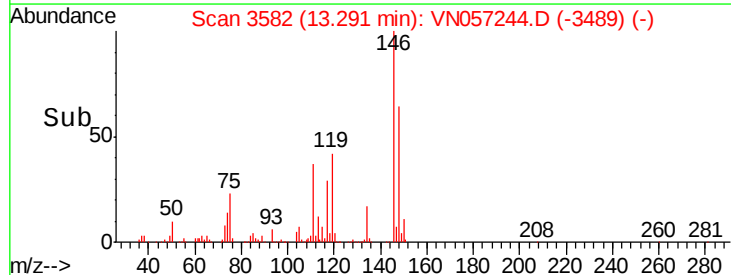
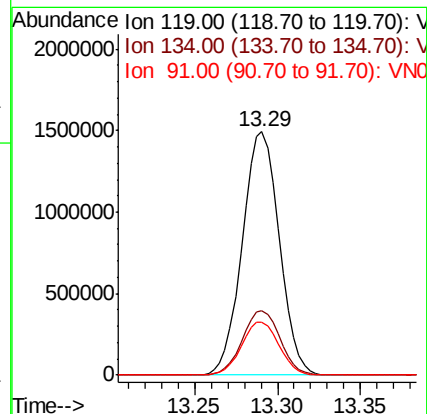
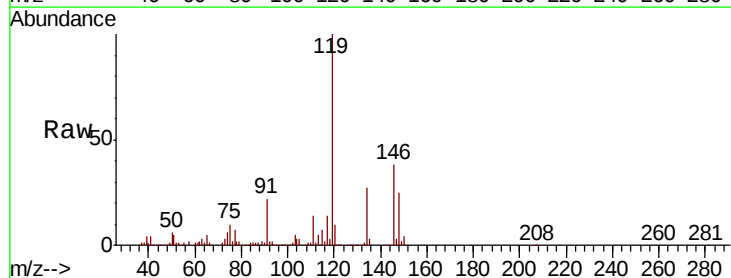
Tgt Ion:119 Resp: 2318925

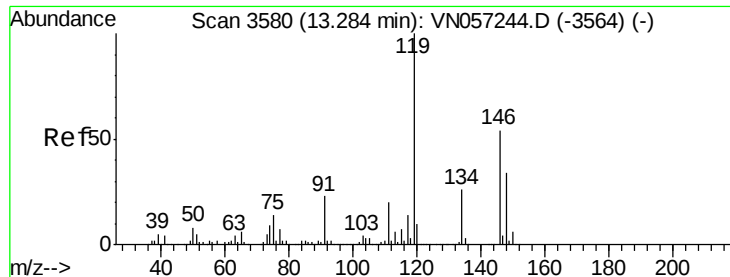
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.2 11.1 33.3

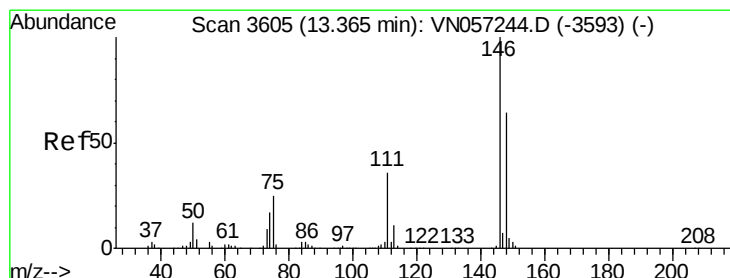
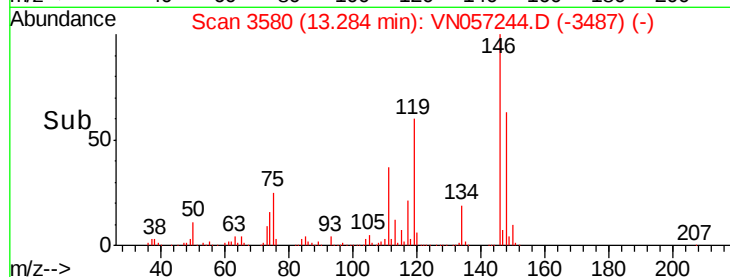
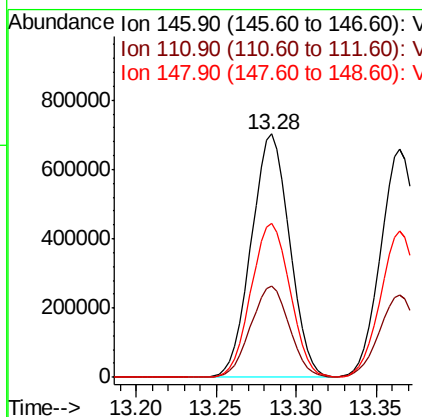
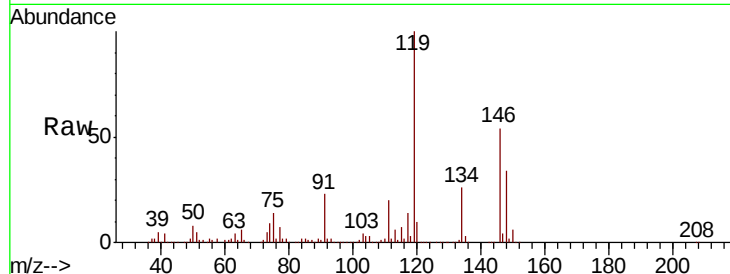




#87
 1,3-Dichlorobenzene
 Concen: 49.113 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

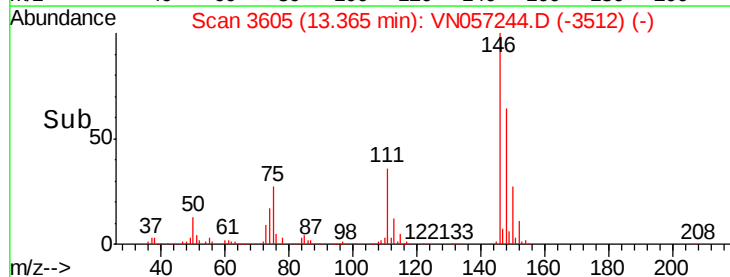
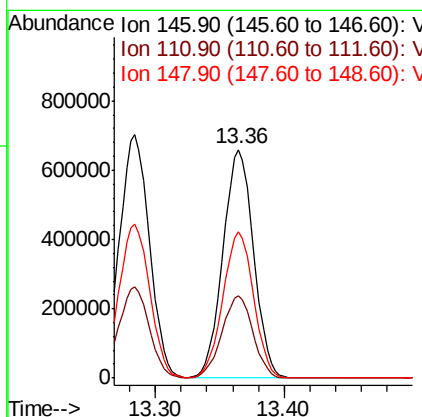
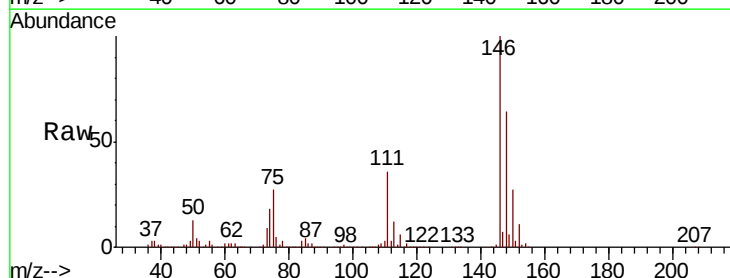
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

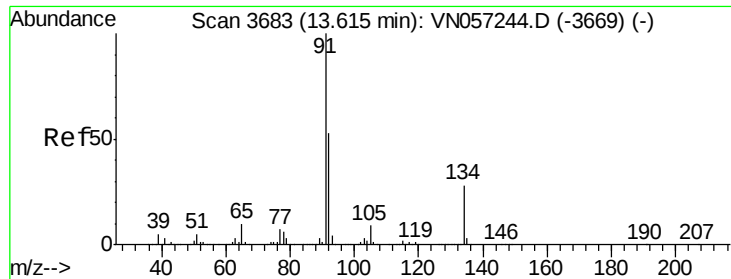
Tgt Ion:146 Resp: 1155391
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.711 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion:146 Resp: 1085430
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 64.0 32.0 96.0

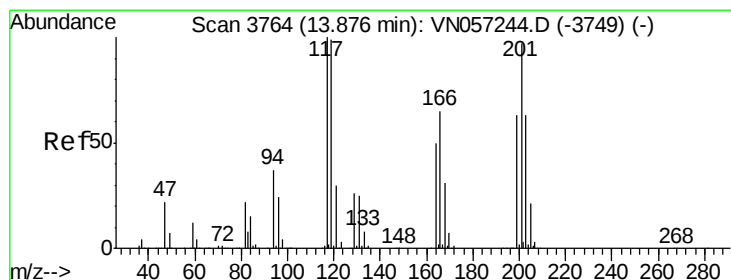
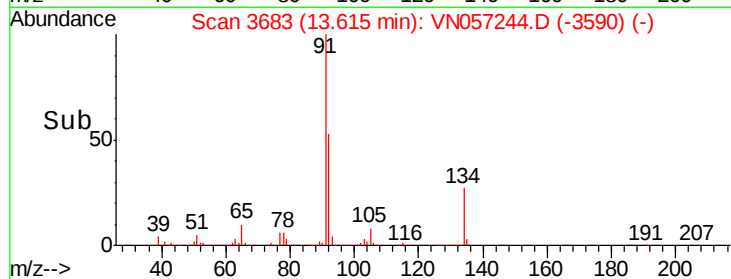
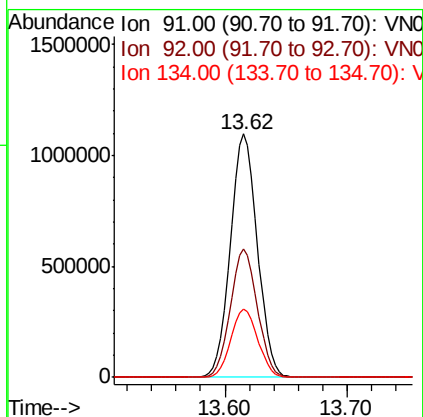
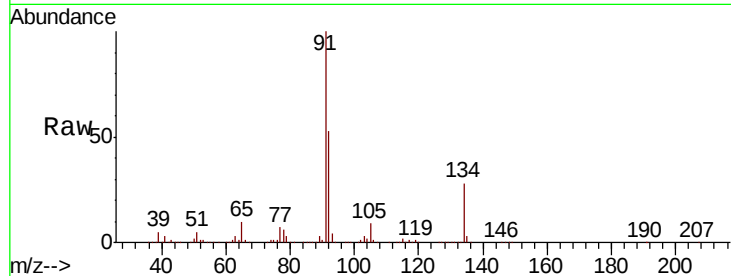




#89
n-Butylbenzene
Concen: 45.786 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

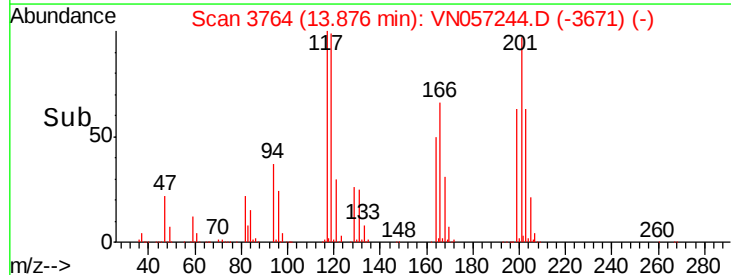
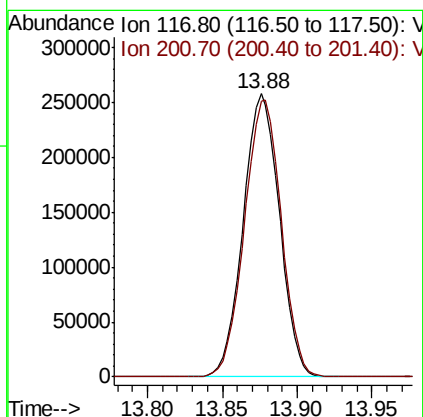
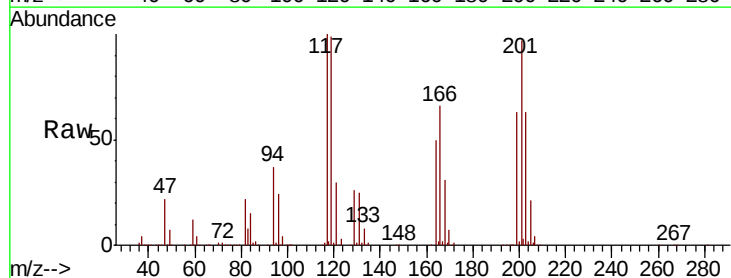
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

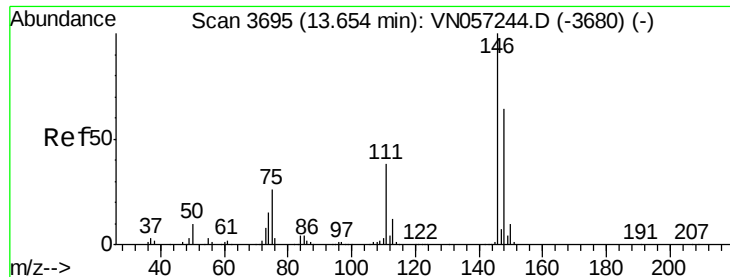
Tgt Ion: 91 Resp: 1690249
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 28.2 14.1 42.3



#90
Hexachloroethane
Concen: 55.946 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN057244.D
Acq: 13 Aug 2019 12:39

Tgt Ion: 117 Resp: 436019
Ion Ratio Lower Upper
117 100
201 99.0 49.5 148.5





#91

1,2-Dichlorobenzene

Concen: 46.717 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

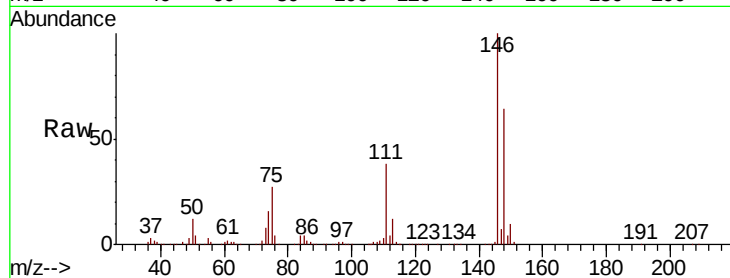
Tgt Ion:146 Resp: 1115750

Ion Ratio Lower Upper

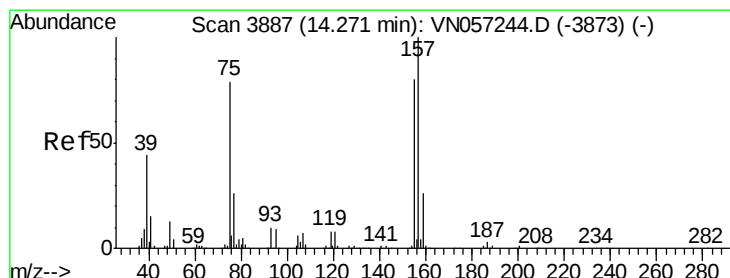
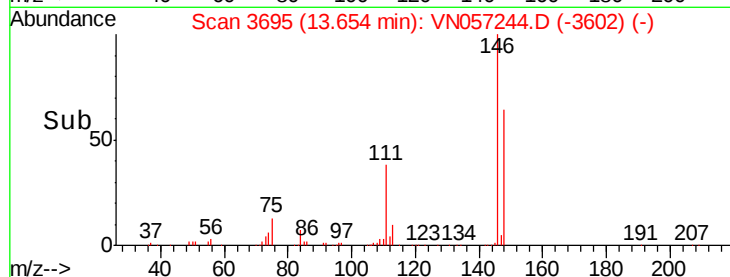
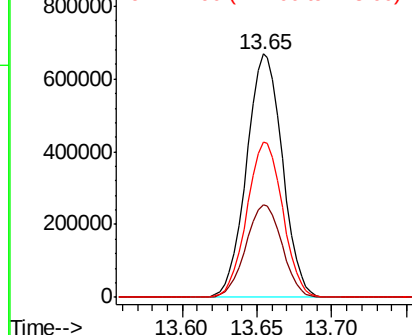
146 100

111 38.6 19.3 57.9

148 63.7 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.321 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

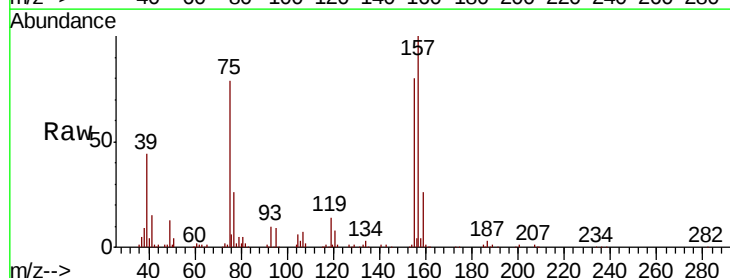
Tgt Ion: 75 Resp: 110964

Ion Ratio Lower Upper

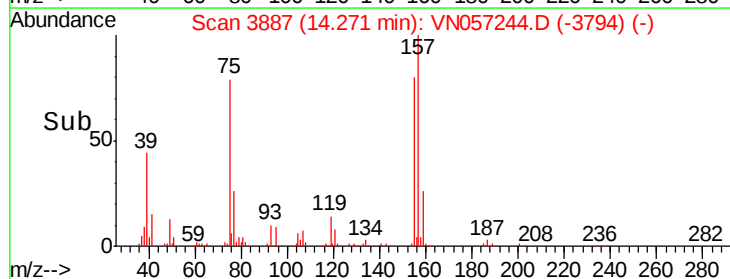
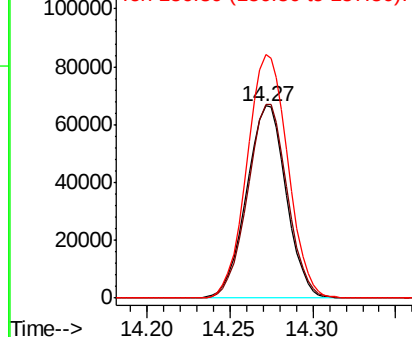
75 100

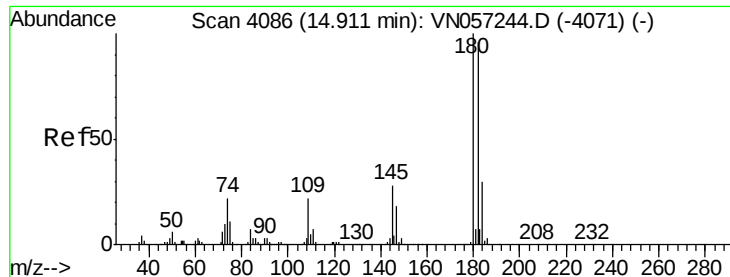
155 100.7 50.3 151.0

157 130.6 65.3 195.9



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

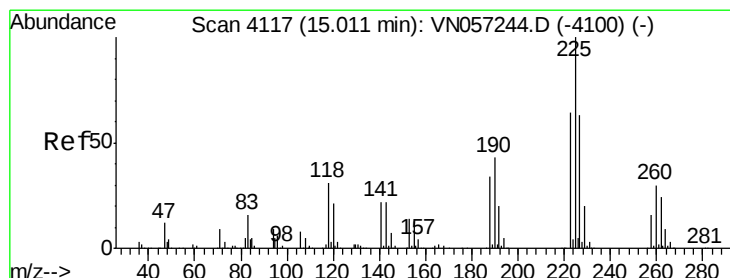
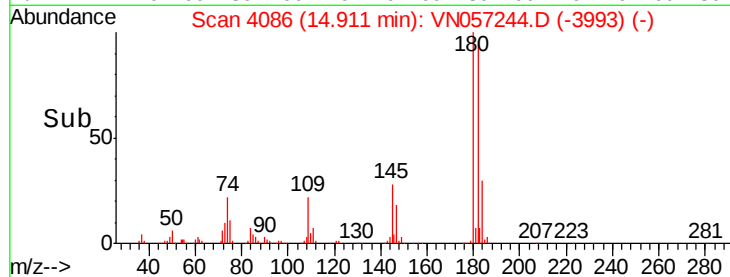
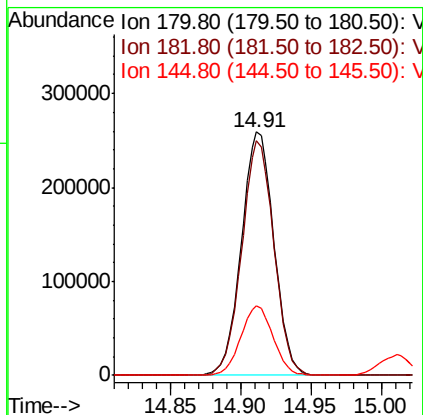
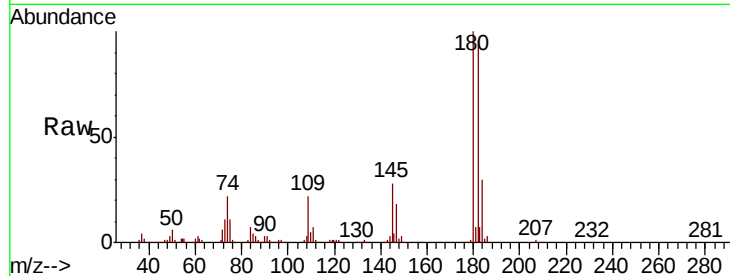




#93
 1,2,4-Trichlorobenzene
 Concen: 40.439 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

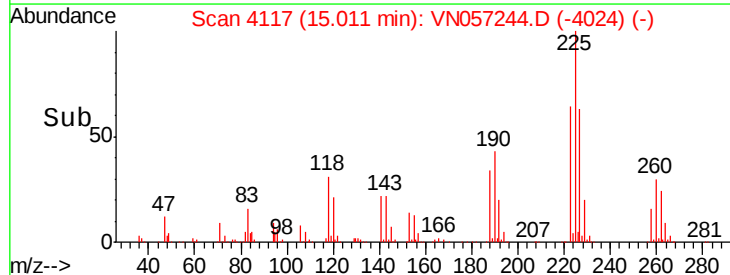
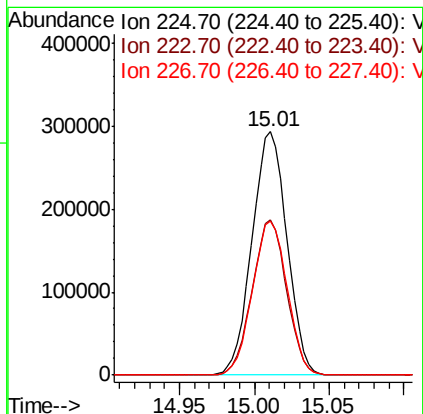
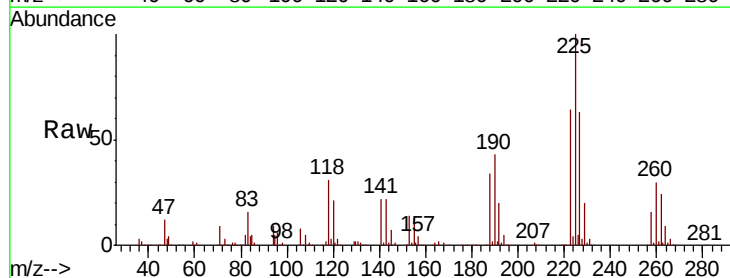
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

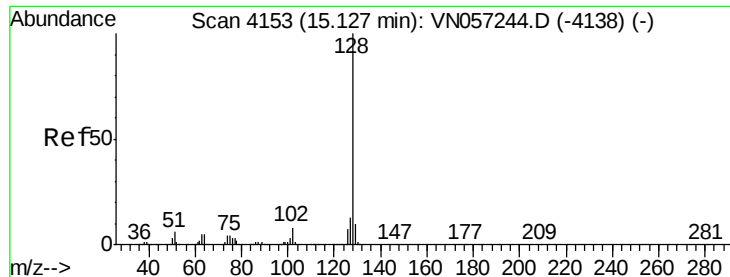
Tgt Ion:180 Resp: 417403
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 53.739 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057244.D
 Acq: 13 Aug 2019 12:39

Tgt Ion:225 Resp: 476739
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.2
 227 62.9 31.4 94.3





#95

Naphthalene

Concen: 28.741 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

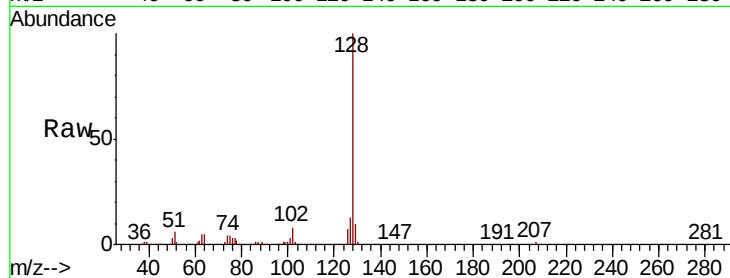
Tgt Ion:128 Resp: 761923

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.5 12.7

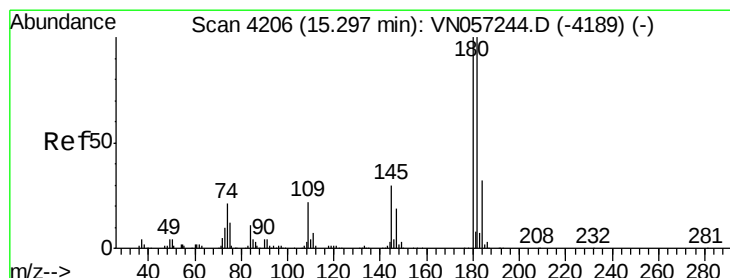
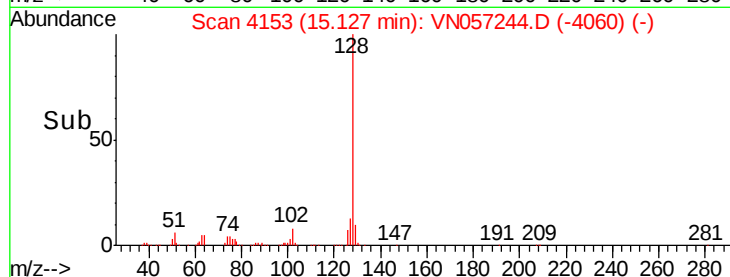
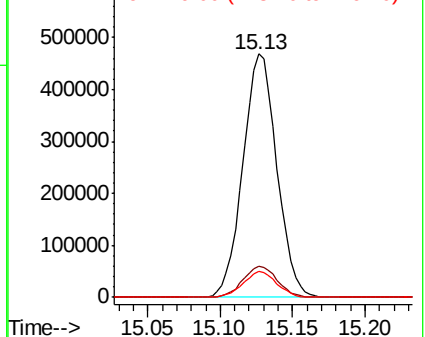


Abundance

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: 35.066 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057244.D

Acq: 13 Aug 2019 12:39

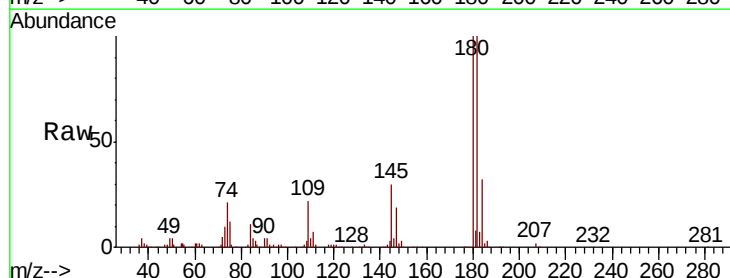
Tgt Ion:180 Resp: 369071

Ion Ratio Lower Upper

180 100

182 97.8 48.9 146.7

145 30.1 15.0 45.1



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

