

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057247.D
 Acq On : 13 Aug 2019 14:46
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

Quant Time: Aug 14 06:28:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1258966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1819689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1652949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	658088	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	634407	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.58	113	583082	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.08	98	2257708	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.40	95	747810	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	506708	47.744	ug/l	100
3) Chloromethane	2.05	50	619912	51.523	ug/l	99
4) Vinyl Chloride	2.18	62	576517	49.329	ug/l	100
5) Bromomethane	2.54	94	423699	51.439	ug/l	99
6) Chloroethane	2.69	64	389283	51.695	ug/l	100
7) Trichlorofluoromethane	3.02	101	876959	47.691	ug/l	99
8) Diethyl Ether	3.40	74	331845	49.802	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	529863	47.988	ug/l	99
10) Methyl Iodide	3.95	142	871473	50.807	ug/l	99
11) Tert butyl alcohol	4.76	59	425995	249.076	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	525534	47.971	ug/l	98
13) Acrolein	3.60	56	309395	252.851	ug/l	99
14) Allyl chloride	4.32	41	824111	49.588	ug/l	99
15) Acrylonitrile	4.97	53	1233262	255.949	ug/l	99
16) Acetone	3.80	43	1069950	245.732	ug/l	100
17) Carbon Disulfide	4.05	76	1478487	49.373	ug/l	99
18) Methyl Acetate	4.31	43	560341	49.919	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	1603274	49.010	ug/l	98
20) Methylene Chloride	4.54	84	608928	47.875	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	570481	48.849	ug/l	98
22) Diisopropyl ether	5.94	45	1623337	49.680	ug/l	99
23) Vinyl Acetate	5.88	43	6537698	252.487	ug/l	100
24) 1,1-Dichloroethane	5.84	63	1007264	48.928	ug/l	100
25) 2-Butanone	6.82	43	1566519	253.052	ug/l	99
26) 2,2-Dichloropropane	6.82	77	827769	49.009	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	663187	49.245	ug/l	100
28) Bromochloromethane	7.19	49	450437	49.584	ug/l	98
29) Tetrahydrofuran	7.20	42	984645	248.811	ug/l	99
30) Chloroform	7.36	83	1024084	47.621	ug/l	97
31) Cyclohexane	7.65	56	860917	47.849	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	908210	49.929	ug/l	99
36) 1,1-Dichloropropene	7.79	75	784711	49.324	ug/l	99
37) Ethyl Acetate	6.91	43	622988	48.720	ug/l	99
38) Carbon Tetrachloride	7.77	117	813705	48.148	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	941332	49.975	ug/l	99
40) Benzene	8.04	78	2366055	48.954	ug/l	98
41) Methacrylonitrile	7.16	41	292024	55.494	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	750760	48.474	ug/l	99
43) Isopropyl Acetate	8.16	43	1058661	50.271	ug/l	100
44) Trichloroethene	8.83	130	677372	48.349	ug/l	100
45) 1,2-Dichloropropane	9.11	63	603015	49.248	ug/l	99
46) Dibromomethane	9.20	93	399819	48.429	ug/l	99
47) Bromodichloromethane	9.40	83	802833	50.439	ug/l	100
48) Methyl methacrylate	9.19	41	510799	52.420	ug/l	99
49) 1,4-Dioxane	9.19	88	213302	971.340	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3128821	253.016	ug/l	100
52) Toluene	10.15	92	1518010	50.556	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	885300	51.999	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	977490	50.943	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	579167	49.347	ug/l	98
56) Ethyl methacrylate	10.43	69	861674	52.330	ug/l	99
57) 1,3-Dichloropropane	10.70	76	951158	49.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1111131	232.411	ug/l	99
59) 2-Hexanone	10.75	43	2255233	257.037	ug/l	100
60) Dibromochloromethane	10.90	129	670566	50.949	ug/l	98
61) 1,2-Dibromoethane	11.00	107	616552	50.601	ug/l	99
64) Tetrachloroethene	10.63	164	680079	46.580	ug/l	98
65) Chlorobenzene	11.43	112	1661515	49.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	626411	47.958	ug/l	98
67) Ethyl Benzene	11.51	91	2874347	49.778	ug/l	99
68) m/p-Xylenes	11.62	106	2166001	100.536	ug/l	100
69) o-Xylene	11.95	106	1062188	50.354	ug/l	98
70) Styrene	11.96	104	1733916	53.090	ug/l	100
71) Bromoform	12.12	173	513076	51.264	ug/l	100
73) Isopropylbenzene	12.25	105	2838306	56.208	ug/l	98
74) N-amyl acetate	12.07	43	836363	54.156	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	794713	58.142	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	969015	86.568	ug/l #	100
77) Bromobenzene	12.53	156	758478	55.616	ug/l	98
78) n-propylbenzene	12.59	91	2978125	53.944	ug/l	100
79) 2-Chlorotoluene	12.67	91	1822235	54.873	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2363416	55.095	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	255008	52.048	ug/l	99
82) 4-Chlorotoluene	12.77	91	1731546	48.245	ug/l	99
83) tert-Butylbenzene	12.99	119	2111436	55.717	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2253110	48.619	ug/l	100
85) sec-Butylbenzene	13.17	105	2611306	53.953	ug/l	99
86) p-Isopropyltoluene	13.29	119	2333773	48.226	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1129434	49.541	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1054119	47.538	ug/l	100
89) n-Butylbenzene	13.62	91	1747085	51.471	ug/l	100
90) Hexachloroethane	13.88	117	437340	54.378	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1066265	47.970	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	101029	45.959	ug/l	98

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QLast Update : Wed Aug 14 06:25:03 2019
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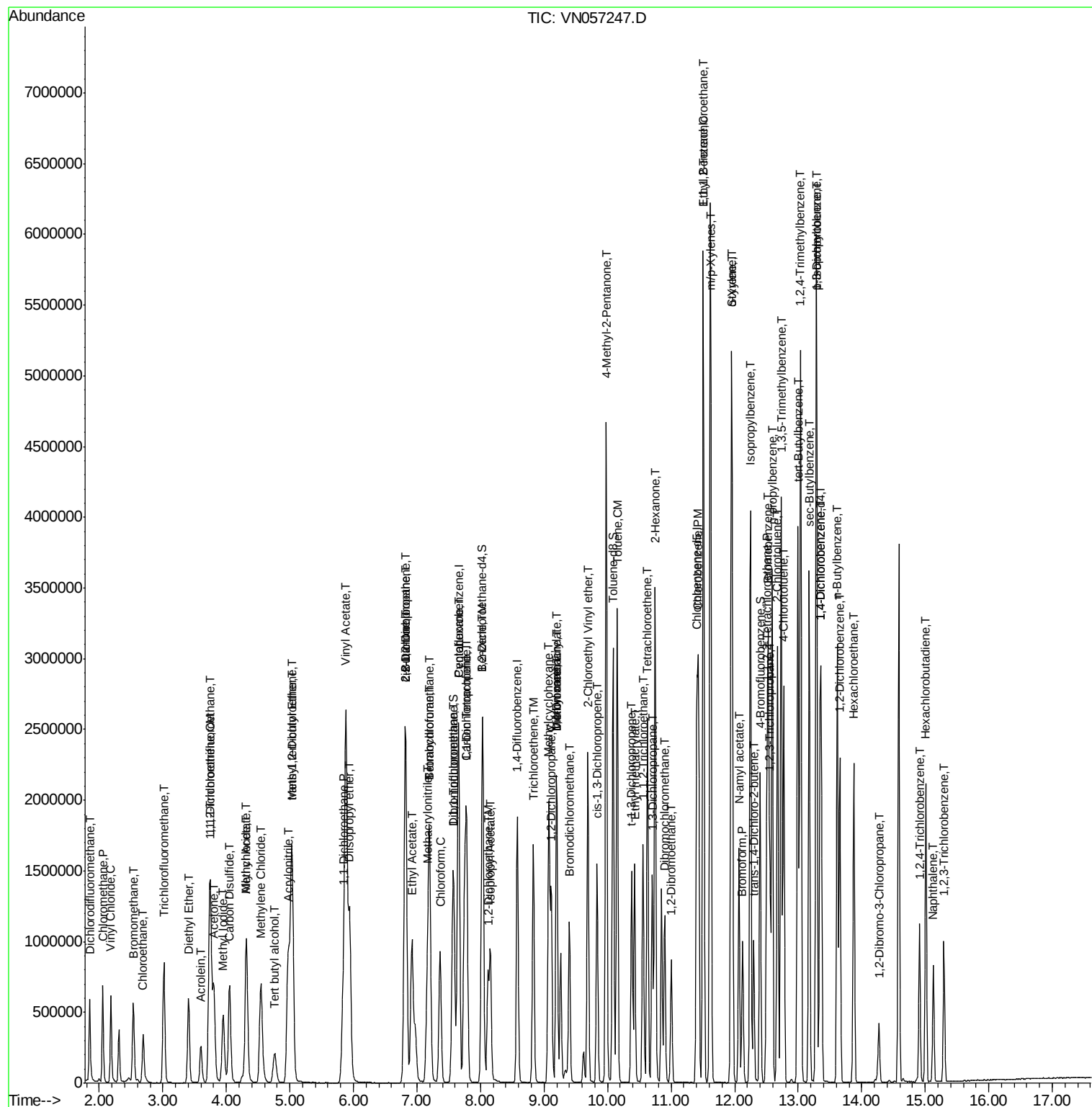
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	395667	45.957	ug/l	98
94) Hexachlorobutadiene	15.01	225	468831	55.789	ug/l	99
95) Naphthalene	15.13	128	709897	51.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	357725	46.313	ug/l	98

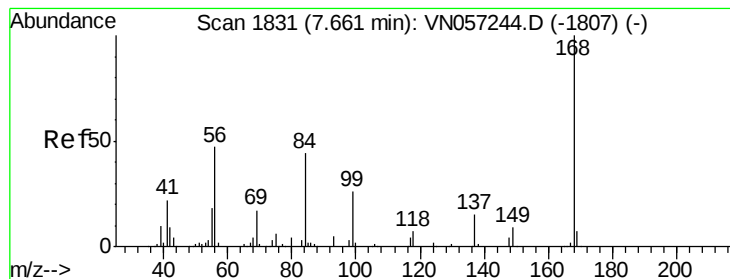
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

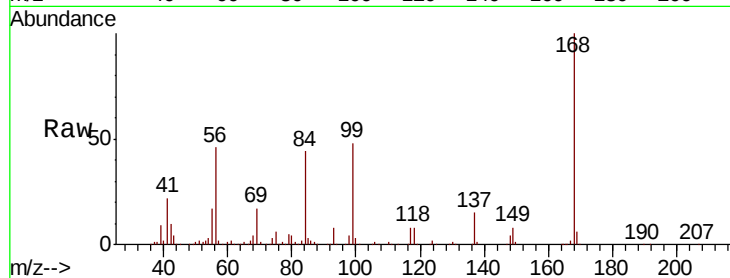
ICVFN081319

Tgt Ion:168 Resp: 1258966

Ion Ratio Lower Upper

168 100

99 47.8 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

600000

500000

400000

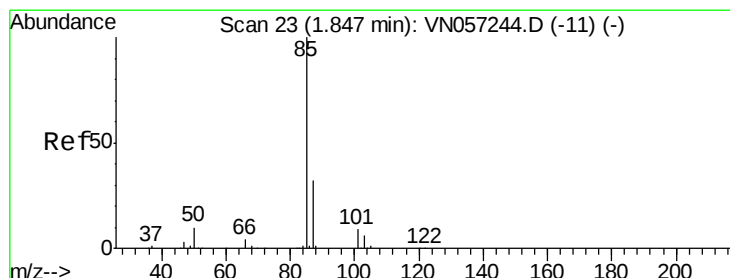
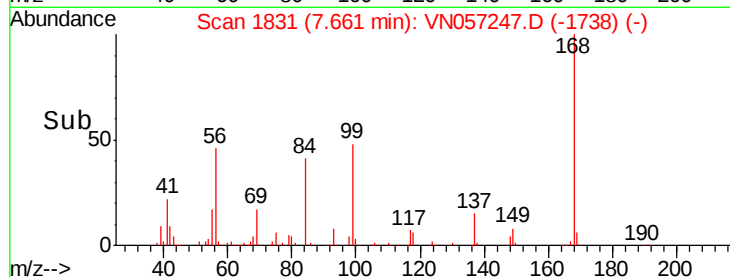
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.744 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057247.D

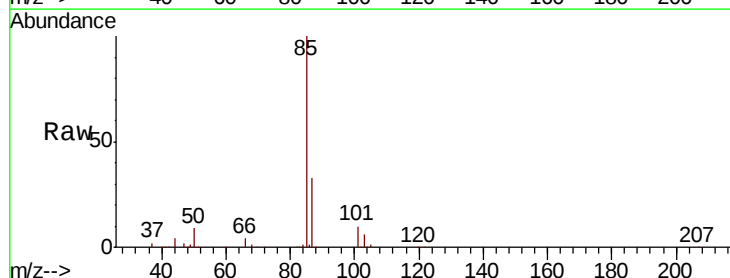
Acq: 13 Aug 2019 14:46

Tgt Ion: 85 Resp: 506708

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

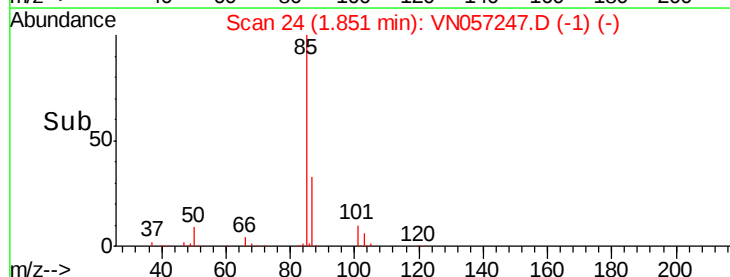
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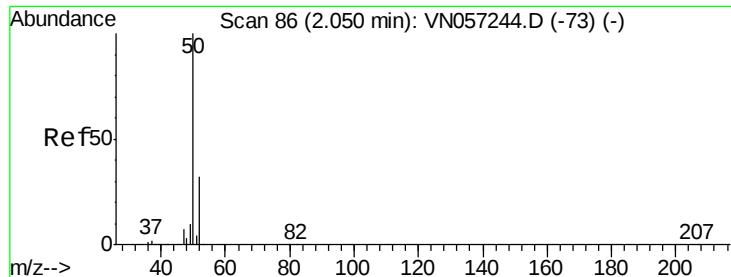
200000

100000

0

Time-->





#3

Chloromethane

Concen: 51.523 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

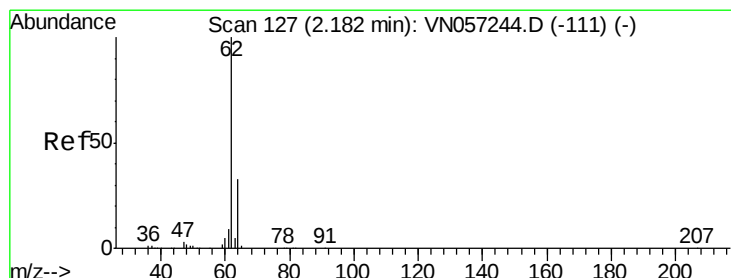
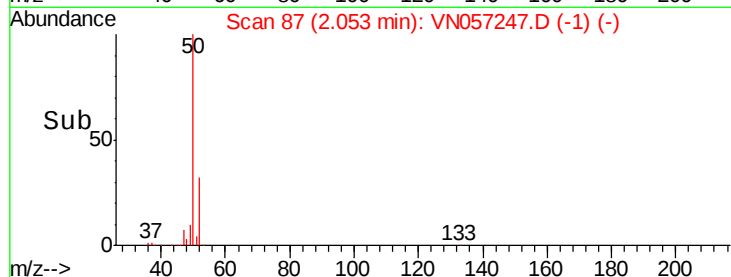
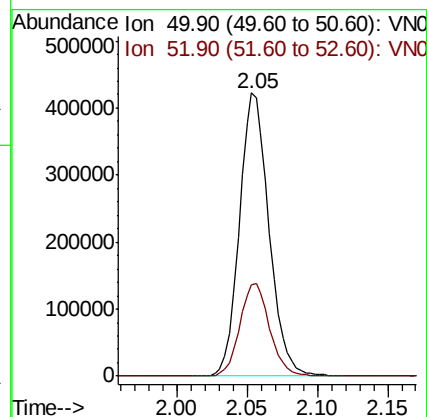
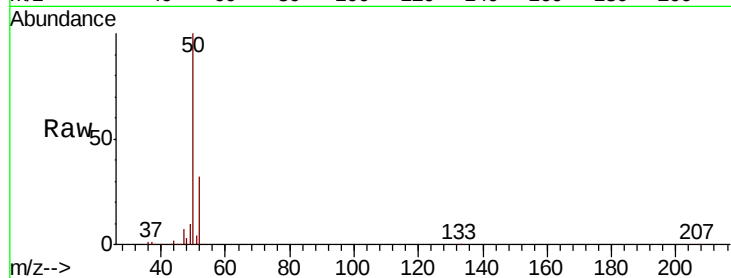
ICVFN081319

Tgt Ion: 50 Resp: 619912

Ion Ratio Lower Upper

50 100

52 32.5 25.6 38.4



#4

Vinyl Chloride

Concen: 49.329 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057247.D

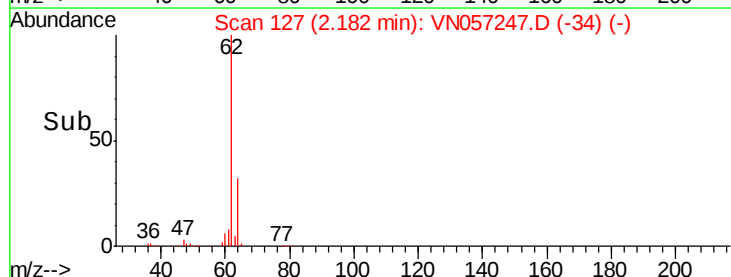
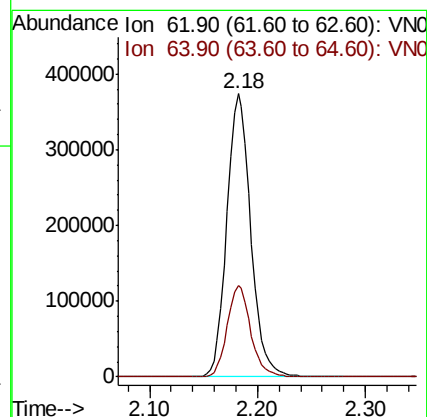
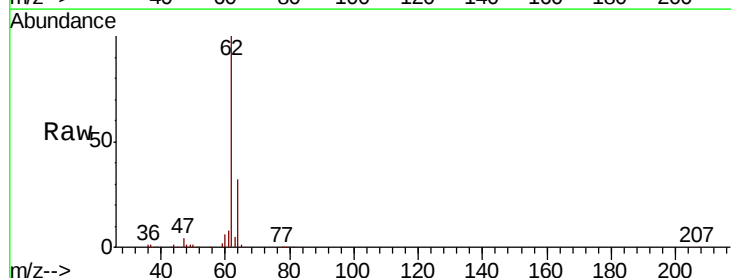
Acq: 13 Aug 2019 14:46

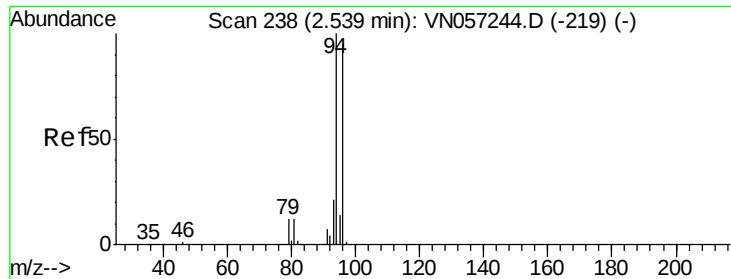
Tgt Ion: 62 Resp: 576517

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 51.439 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

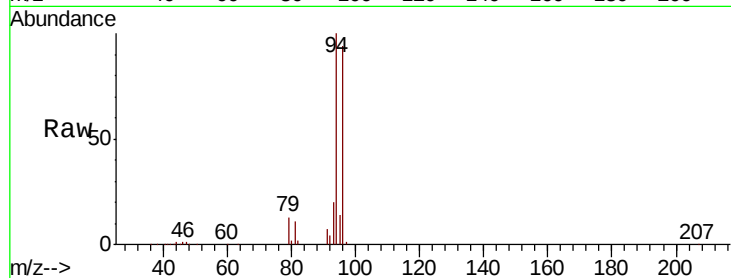
ICVFN081319

Tgt Ion: 94 Resp: 423699

Ion Ratio Lower Upper

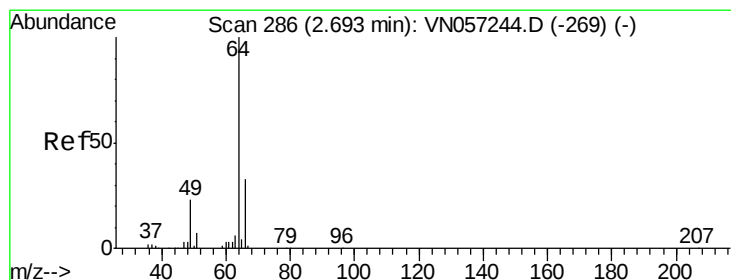
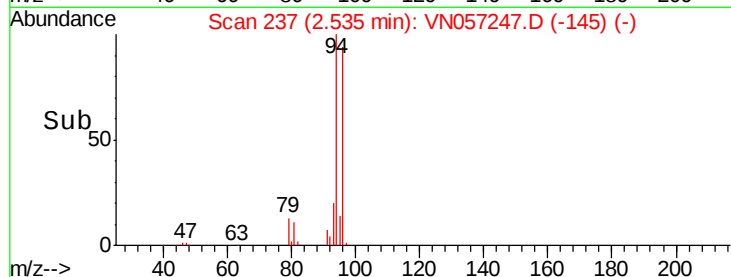
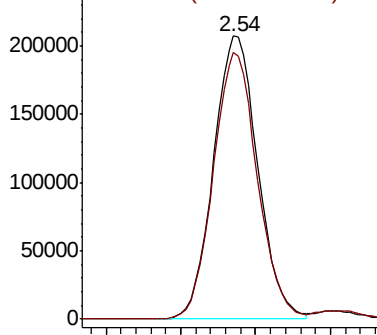
94 100

96 94.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.695 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.00 min

Lab File: VN057247.D

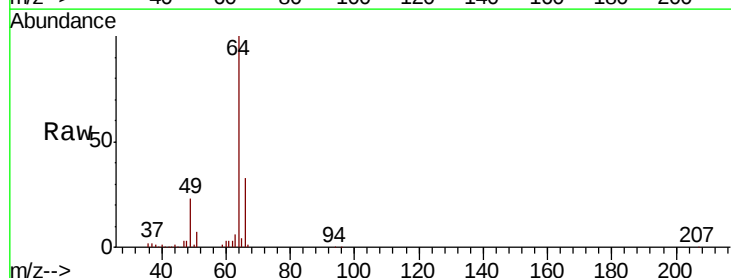
Acq: 13 Aug 2019 14:46

Tgt Ion: 64 Resp: 389283

Ion Ratio Lower Upper

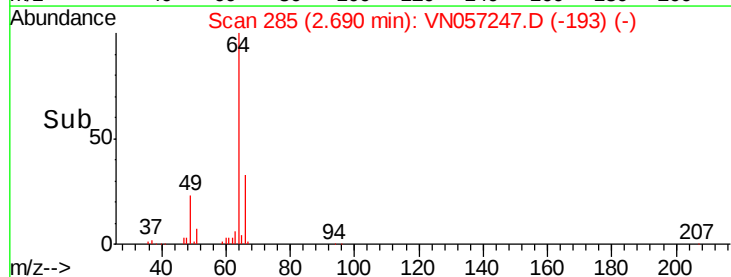
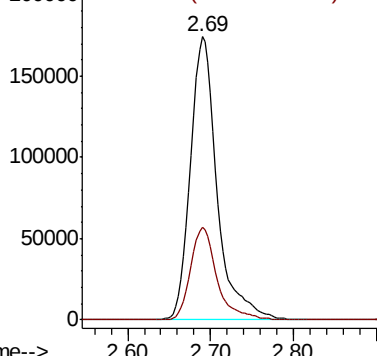
64 100

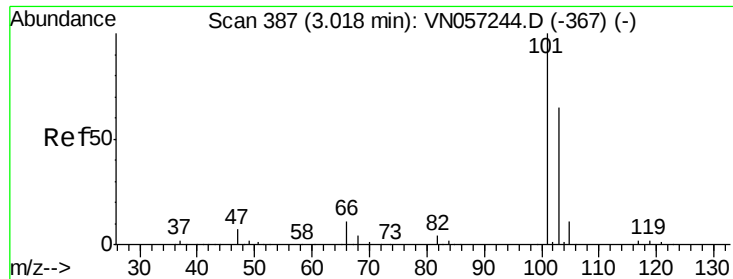
66 32.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



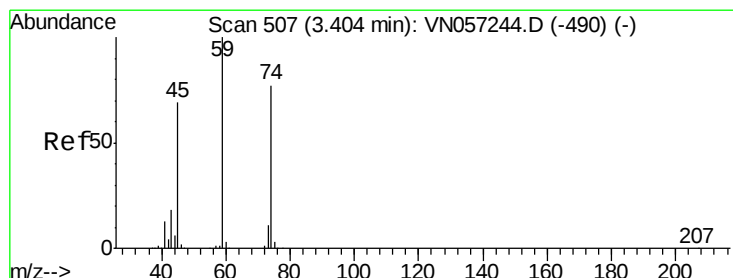
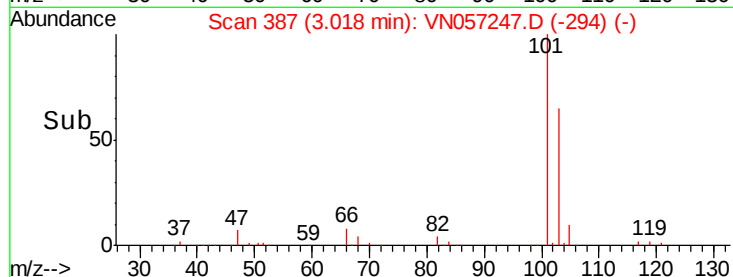
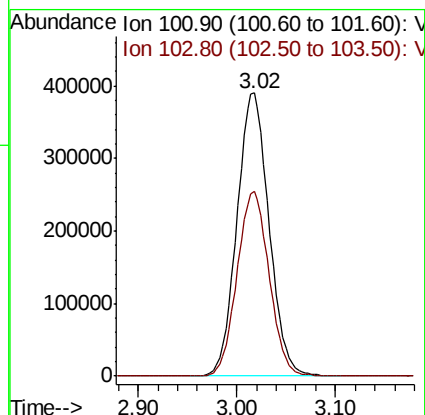
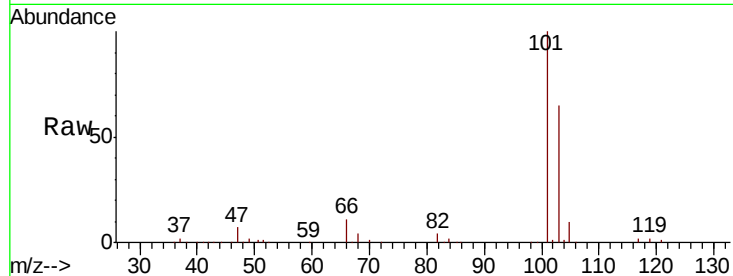


#7

Trichlorofluoromethane
Concen: 47.691 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Instrument :
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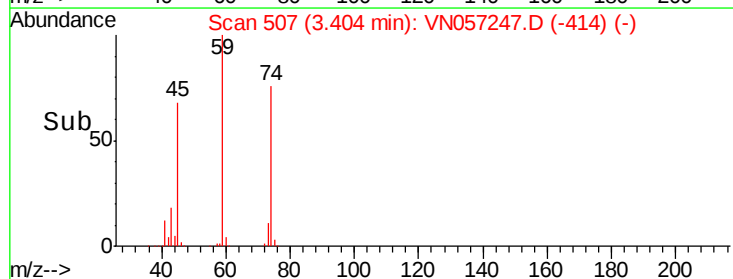
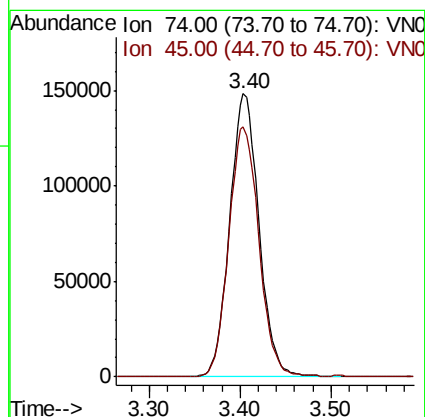
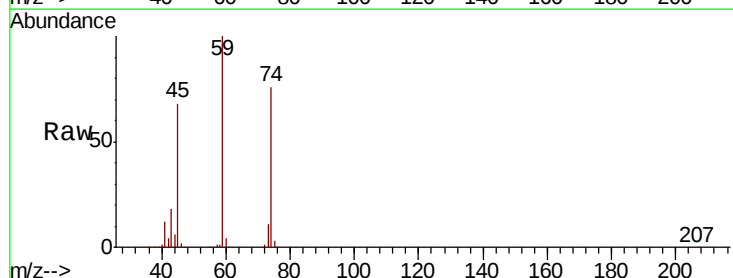
Tgt Ion:101 Resp: 876959
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

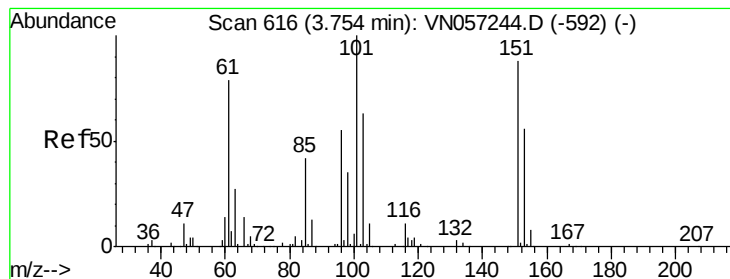


#8

Diethyl Ether
Concen: 49.802 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 74 Resp: 331845
Ion Ratio Lower Upper
74 100
45 91.1 45.1 135.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.988 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

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ICVVN081319

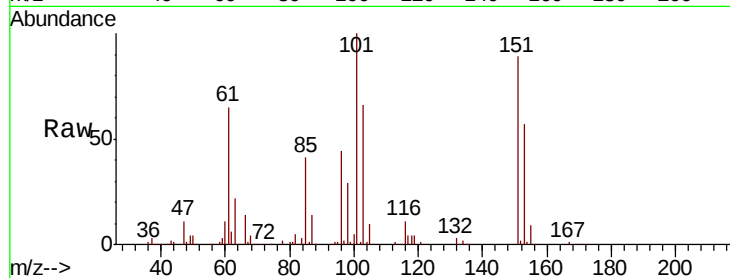
Tgt Ion:101 Resp: 529863

Ion Ratio Lower Upper

101 100

85 41.2 32.7 49.1

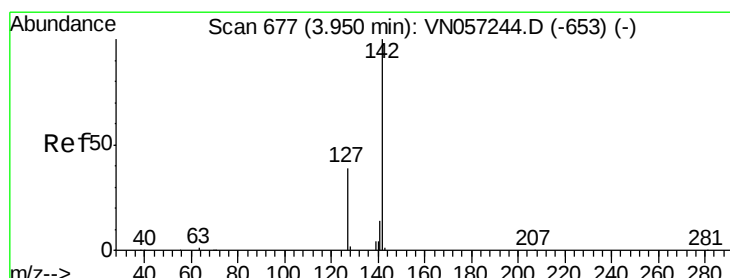
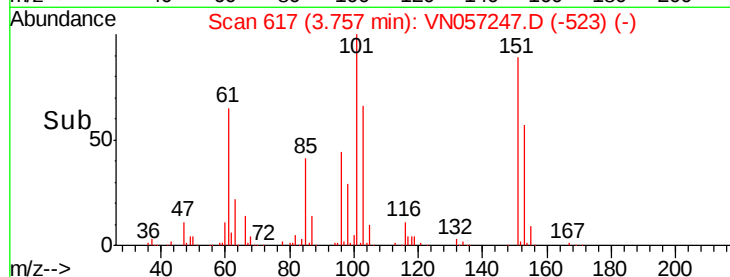
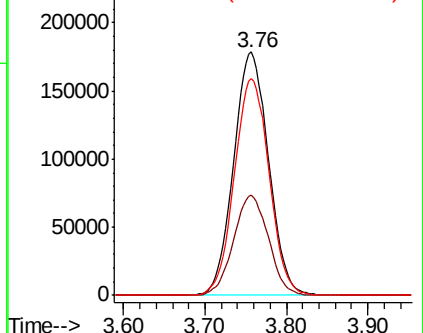
151 88.8 70.1 105.1



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: 50.807 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

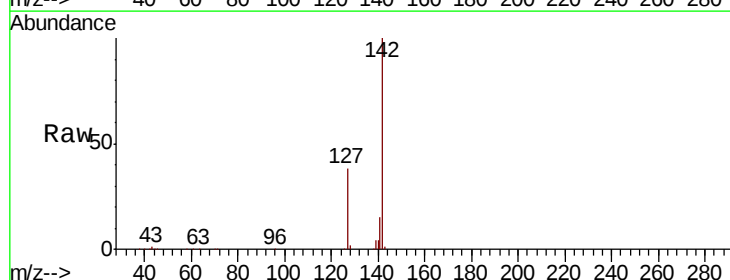
Tgt Ion:142 Resp: 871473

Ion Ratio Lower Upper

142 100

127 38.0 30.7 46.1

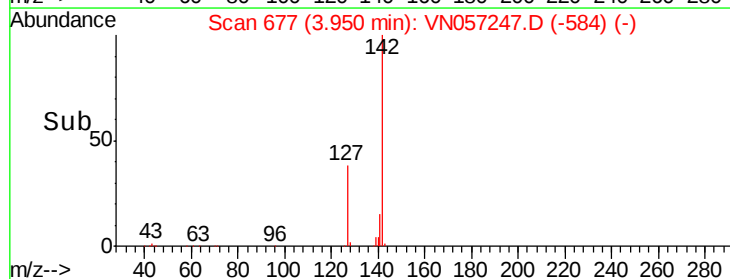
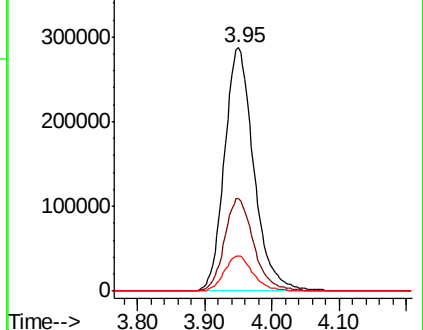
141 14.3 11.0 16.6

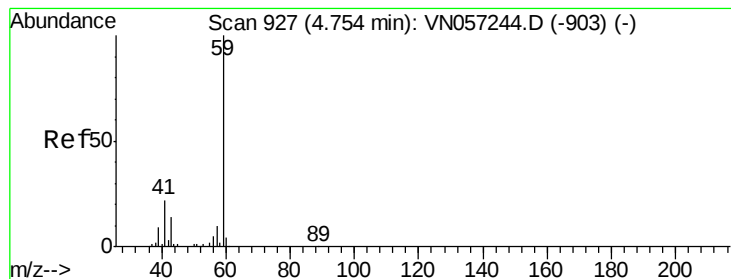


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



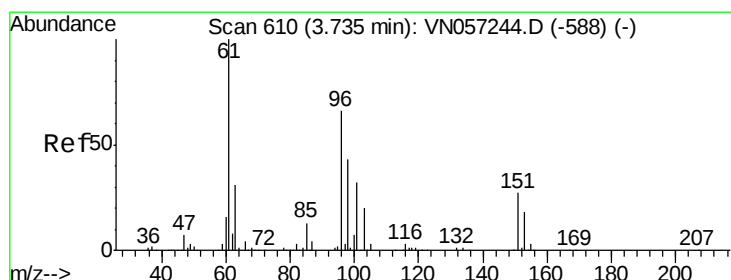
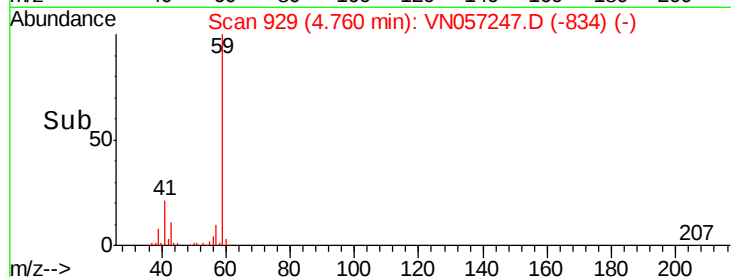
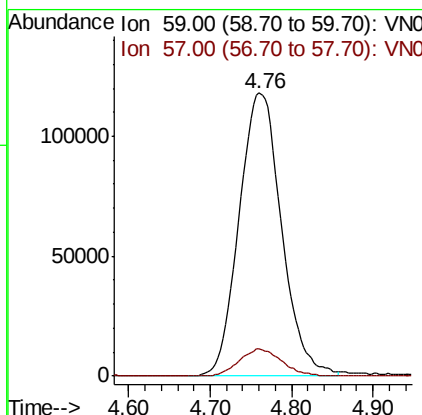
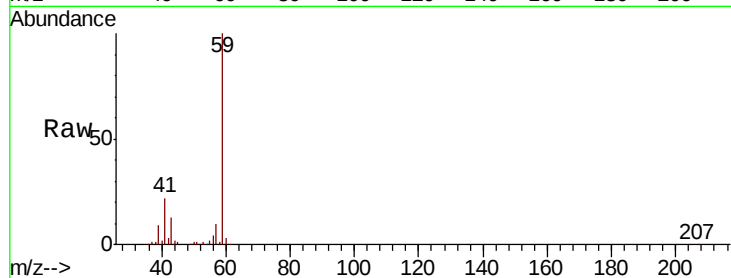


#11

Tert butyl alcohol
 Concen: 249.076 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN081319

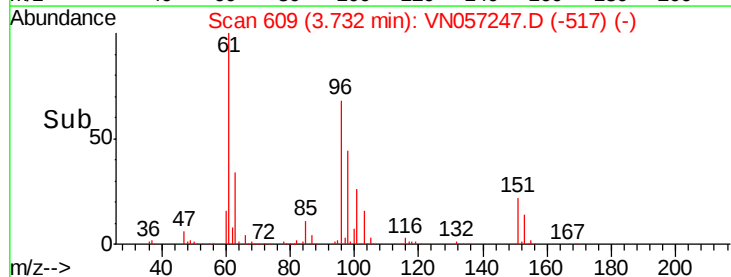
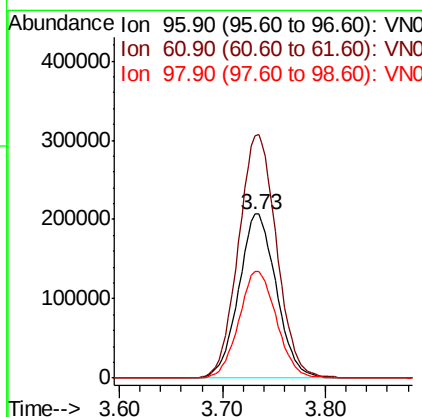
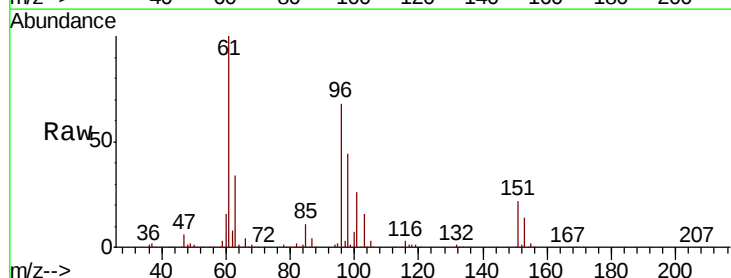
Tgt Ion: 59 Resp: 425995
 Ion Ratio Lower Upper
 59 100
 57 9.7 3.4 5.2#

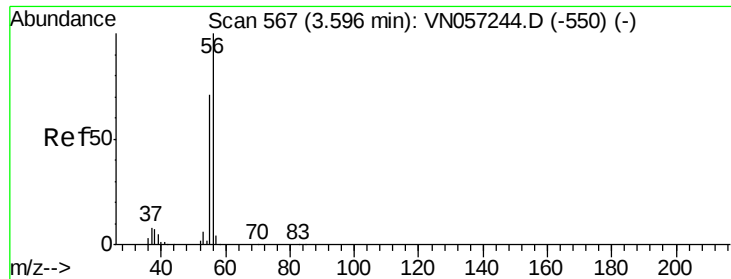


#12

1,1-Dichloroethene
 Concen: 47.971 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 96 Resp: 525534
 Ion Ratio Lower Upper
 96 100
 61 147.9 121.1 181.7
 98 65.1 52.0 78.0





#13

Acrolein

Concen: 252.851 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

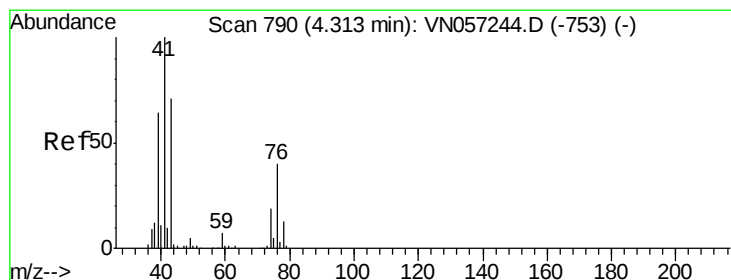
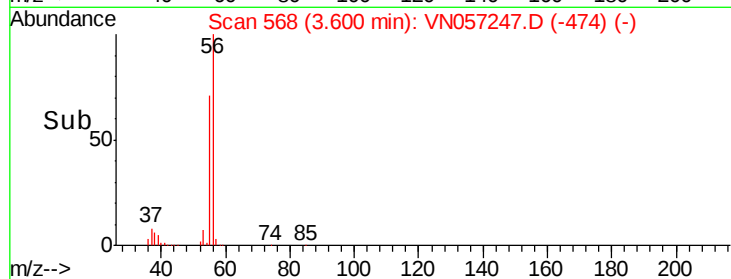
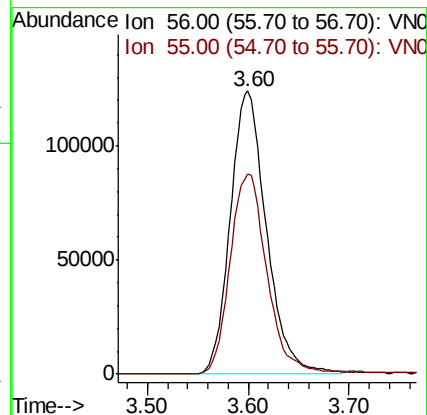
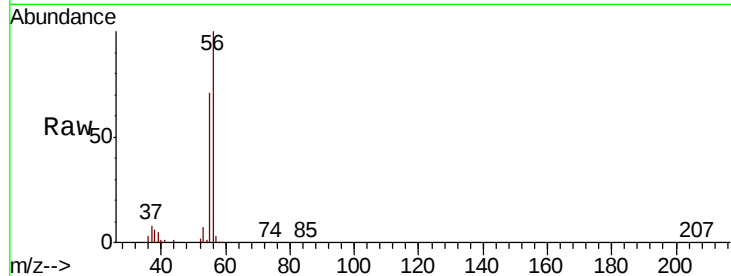
ICVVN081319

Tgt Ion: 56 Resp: 309395

Ion Ratio Lower Upper

56 100

55 71.9 56.6 84.8



#14

Allyl chloride

Concen: 49.588 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

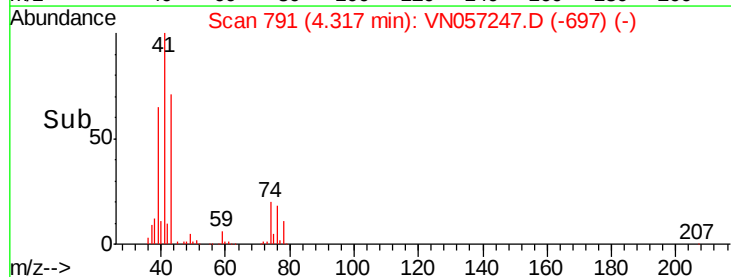
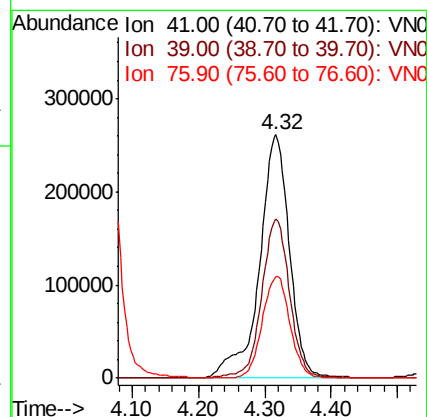
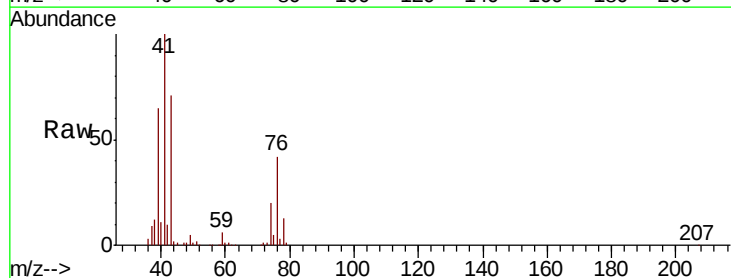
Tgt Ion: 41 Resp: 824111

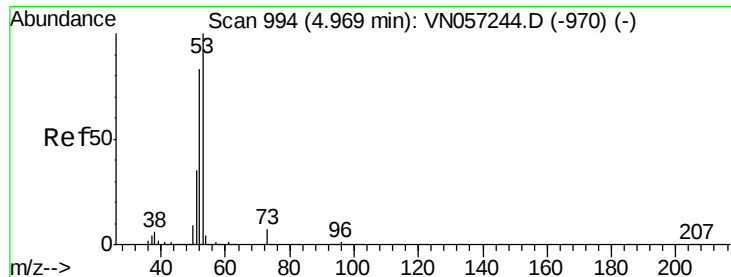
Ion Ratio Lower Upper

41 100

39 60.9 48.5 72.7

76 38.0 29.8 44.8





#15

Acrylonitrile

Concen: 255.949 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

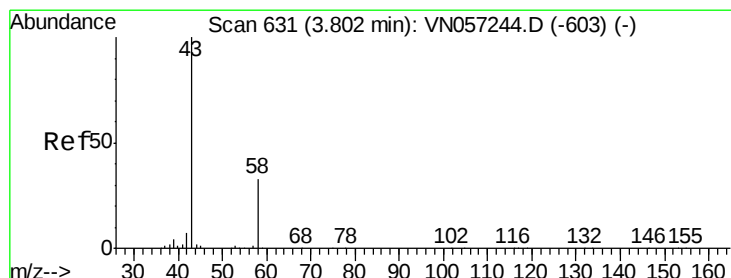
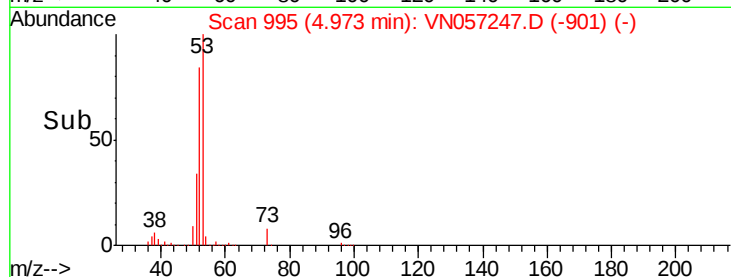
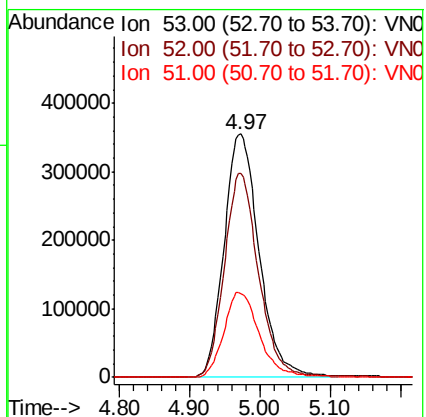
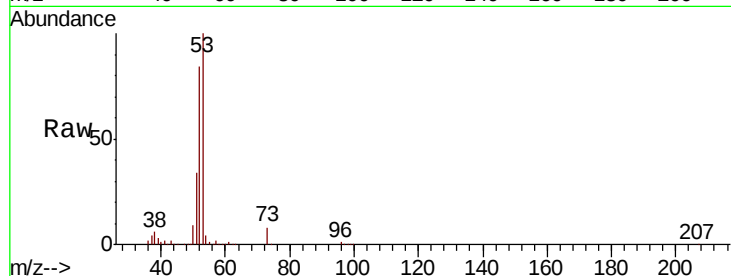
Tgt Ion: 53 Resp: 1233262

Ion Ratio Lower Upper

53 100

52 81.1 65.9 98.9

51 35.3 27.8 41.6



#16

Acetone

Concen: 245.732 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057247.D

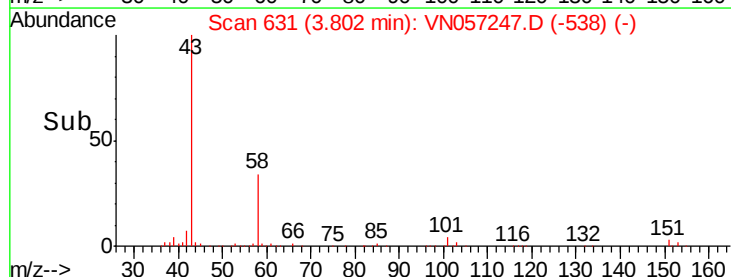
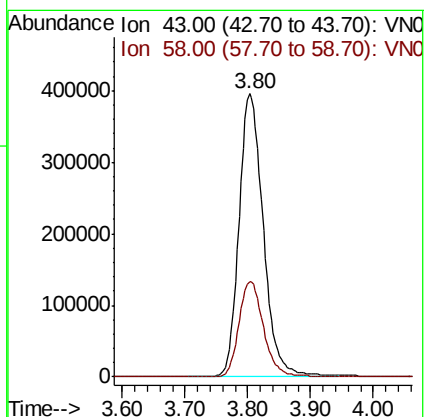
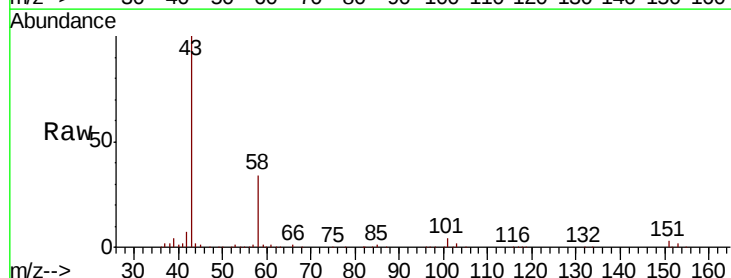
Acq: 13 Aug 2019 14:46

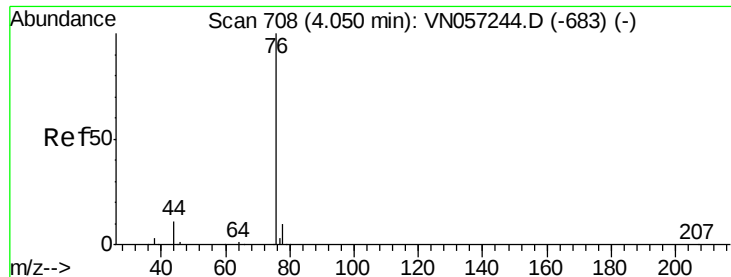
Tgt Ion: 43 Resp: 1069950

Ion Ratio Lower Upper

43 100

58 33.6 26.7 40.1





#17

Carbon Disulfide

Concen: 49.373 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

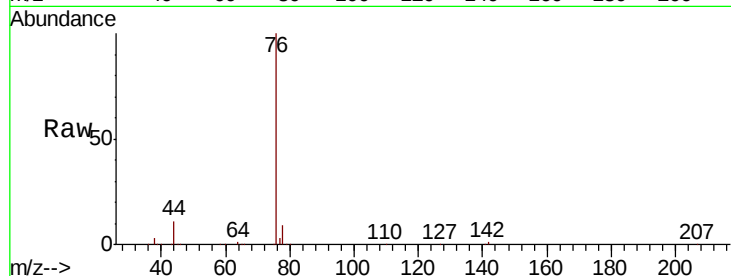
ICVFN081319

Tgt Ion: 76 Resp: 1478487

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN057247.D (-615) (-)

Ion 77.90 (77.60 to 78.60): VN057247.D (-615) (-)

4.05

600000

500000

400000

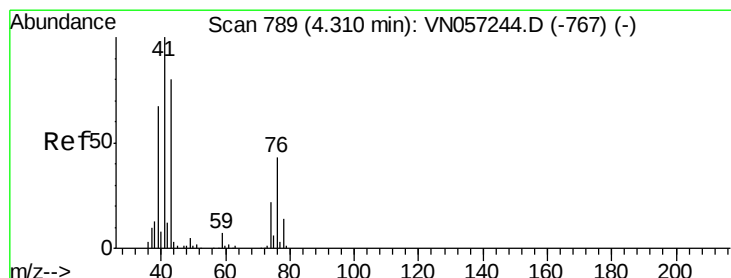
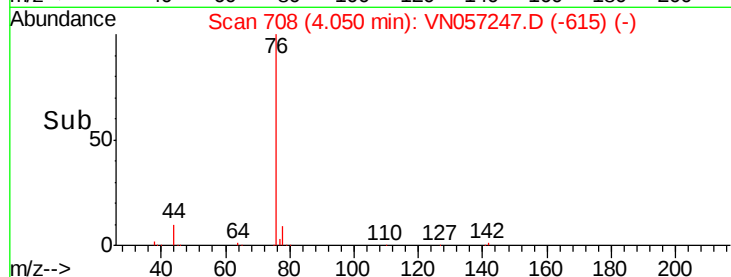
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 49.919 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN057247.D

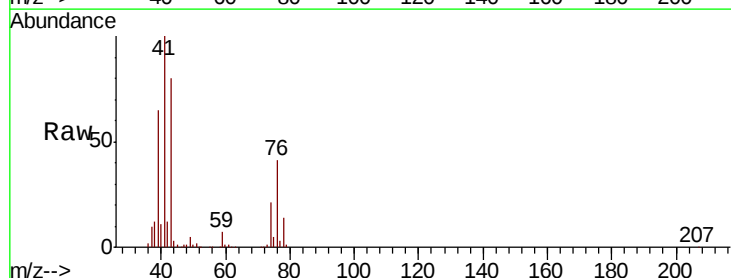
Acq: 13 Aug 2019 14:46

Tgt Ion: 43 Resp: 560341

Ion Ratio Lower Upper

43 100

74 26.3 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN057247.D (-696) (-)

Ion 74.00 (73.70 to 74.70): VN057247.D (-696) (-)

4.31

200000

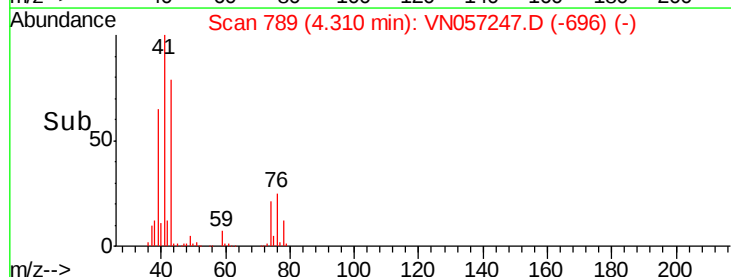
150000

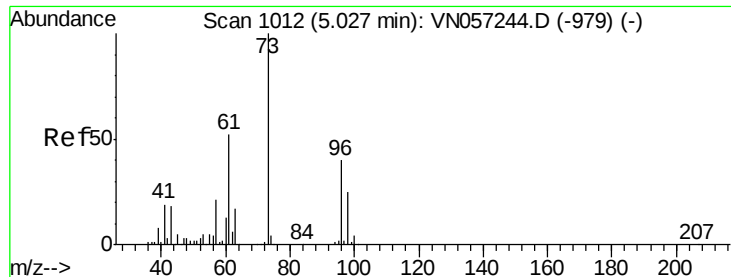
100000

50000

0

Time-->



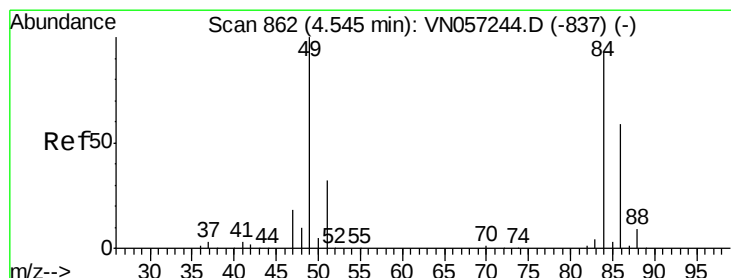
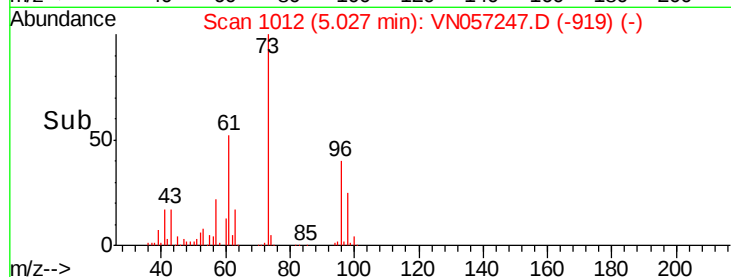
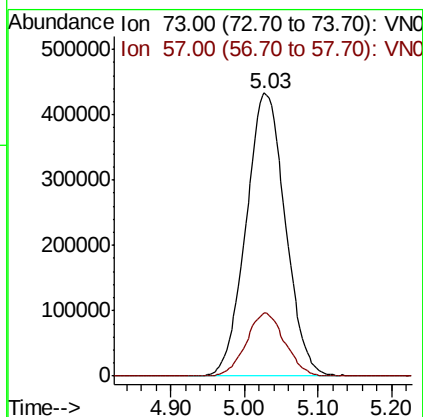
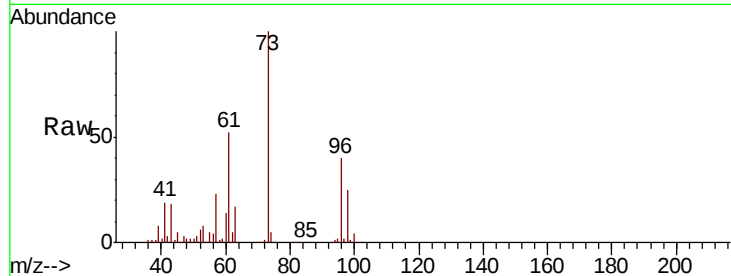


#19

Methyl tert-butyl Ether
 Concen: 49.010 ug/l
 RT: 5.03 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

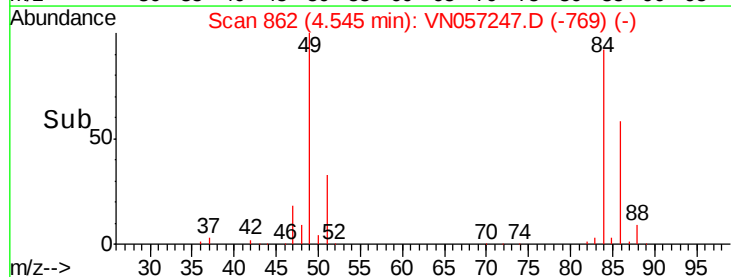
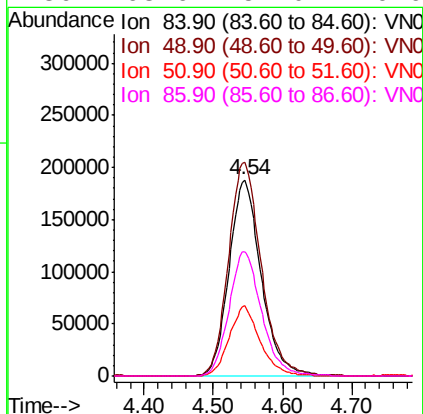
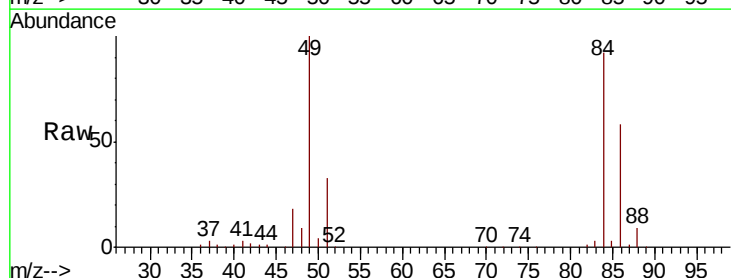
Tgt Ion: 73 Resp: 1603274
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.1 25.7

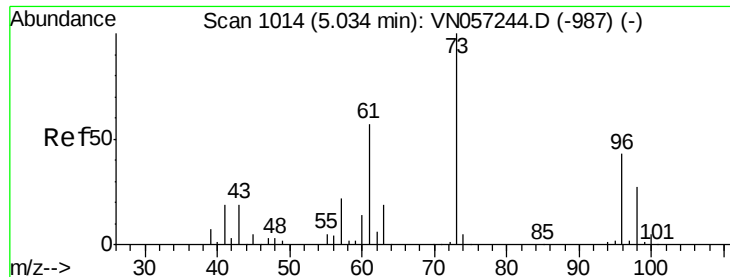


#20

Methylene Chloride
 Concen: 47.875 ug/l
 RT: 4.54 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 84 Resp: 608928
 Ion Ratio Lower Upper
 84 100
 49 109.0 85.9 128.9
 51 35.7 27.1 40.7
 86 63.6 51.0 76.6

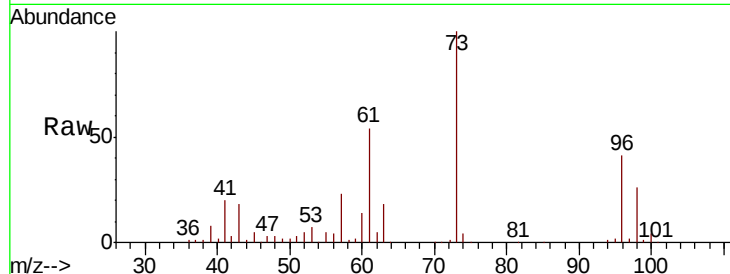




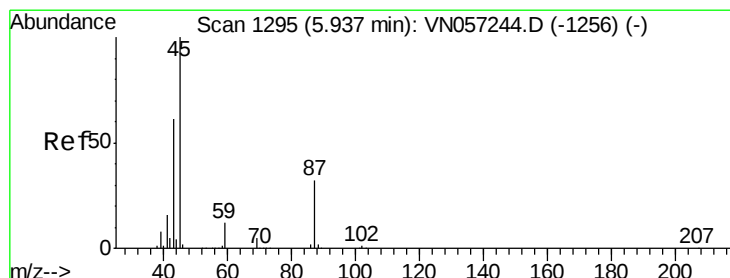
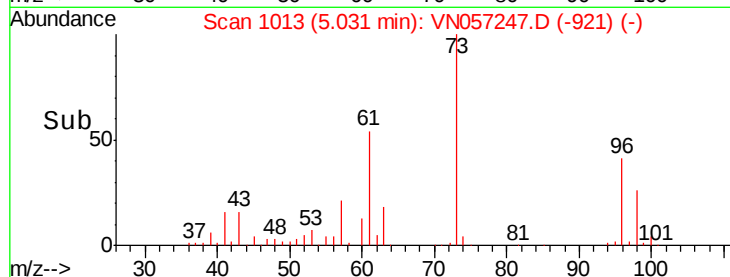
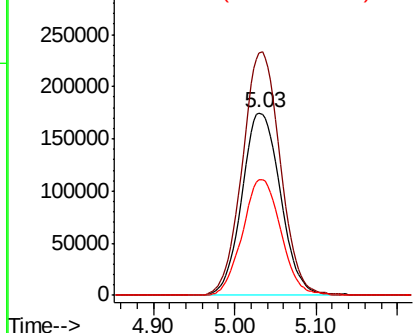
#21
trans-1,2-Dichloroethene
Concen: 48.849 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

Tgt Ion: 96 Resp: 570481
Ion Ratio Lower Upper
96 100
61 132.8 104.6 156.8
98 63.3 49.7 74.5

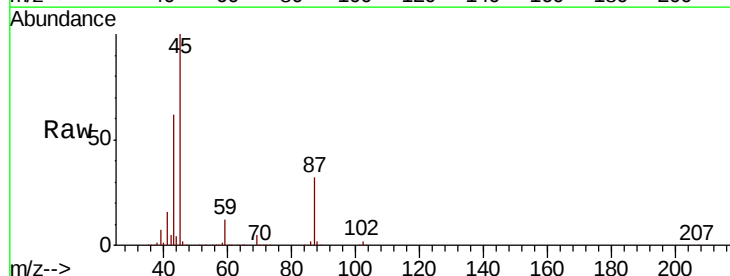


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

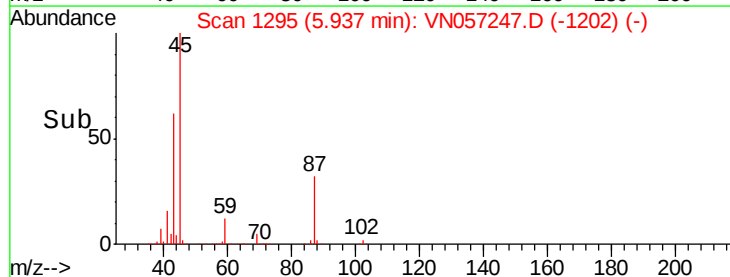
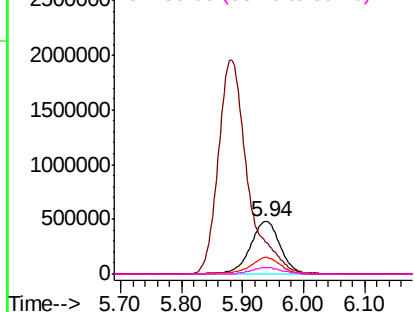


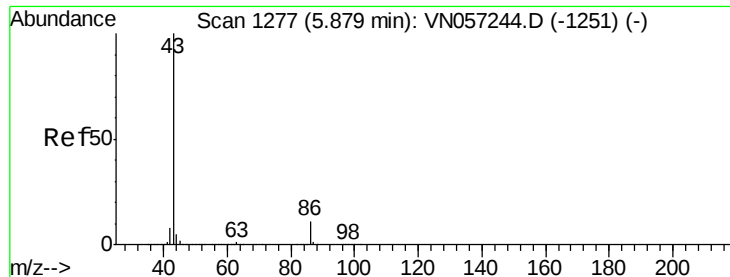
#22
Diisopropyl ether
Concen: 49.680 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 45 Resp: 1623337
Ion Ratio Lower Upper
45 100
43 62.1 48.9 73.3
87 31.7 25.5 38.3
59 12.2 9.7 14.5



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





#23

Vinyl Acetate

Concen: 252.487 ug/l

RT: 5.88 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

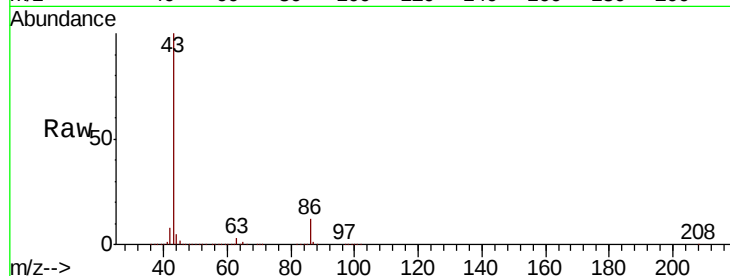
ICVFN081319

Tgt Ion: 43 Resp: 6537698

Ion Ratio Lower Upper

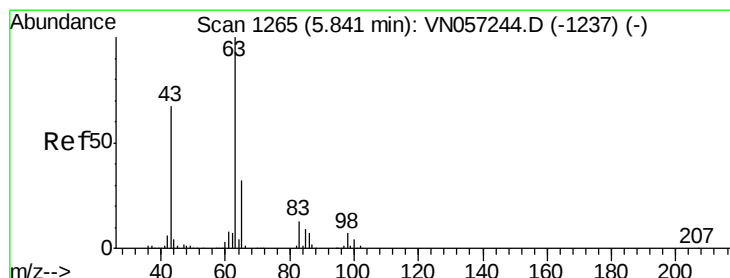
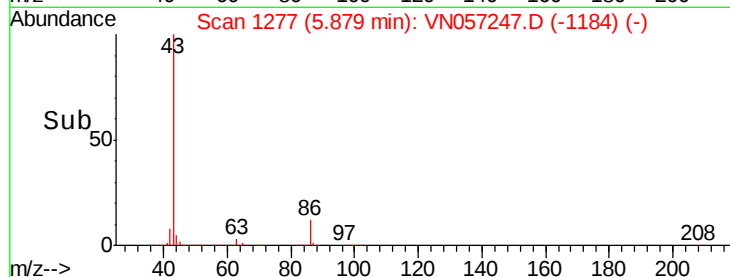
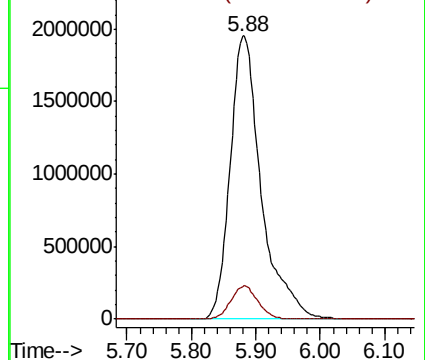
43 100

86 11.6 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.928 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

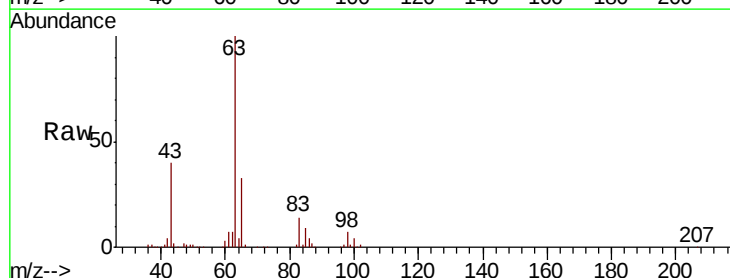
Tgt Ion: 63 Resp: 1007264

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

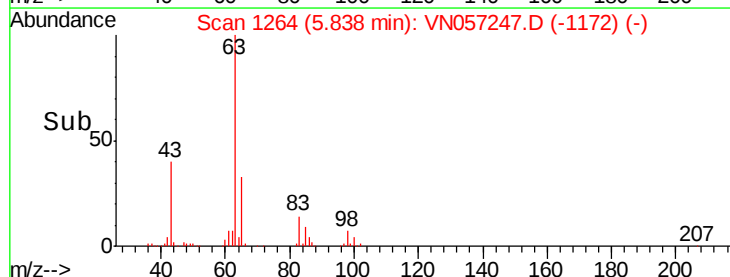
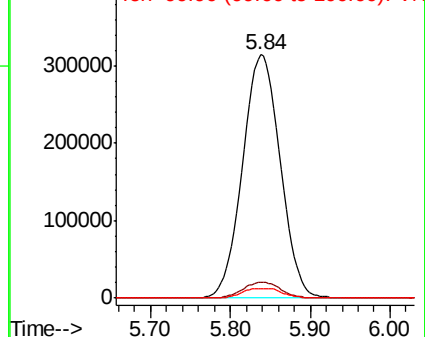
100 3.9 2.1 6.2

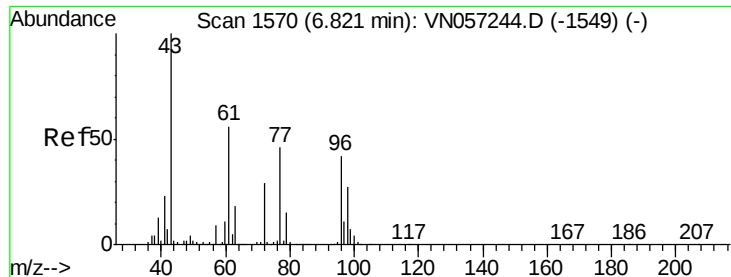


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

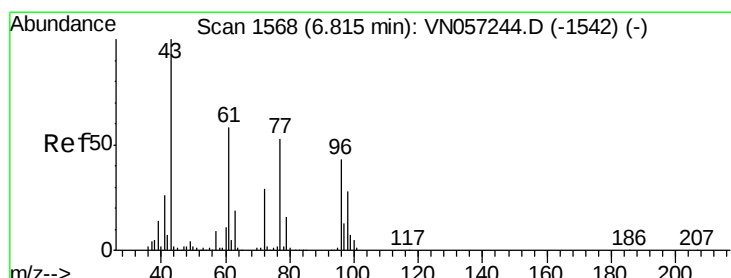
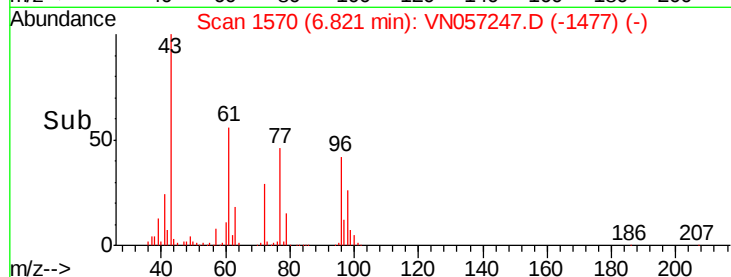
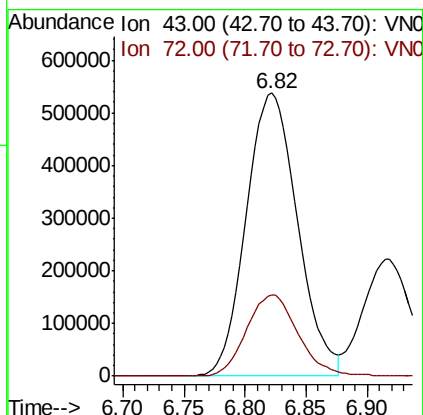
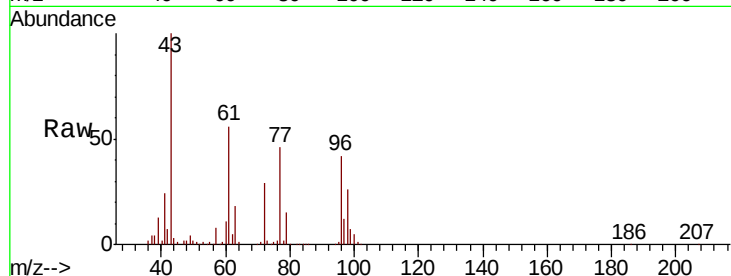




#25
 2-Butanone
 Concen: 253.052 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

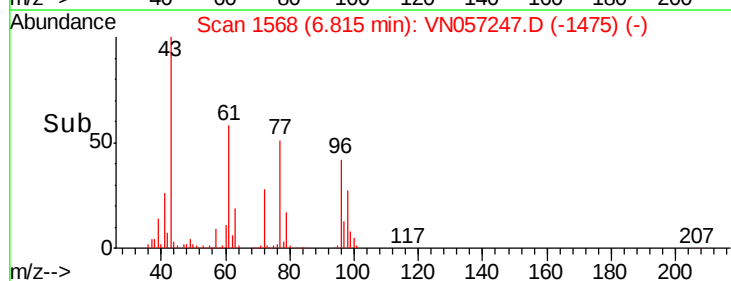
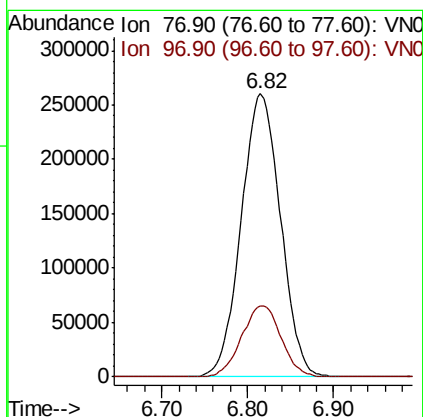
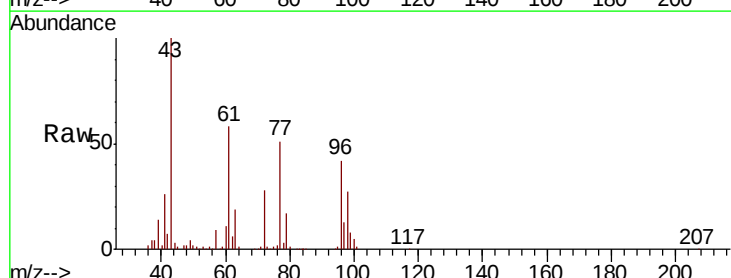
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

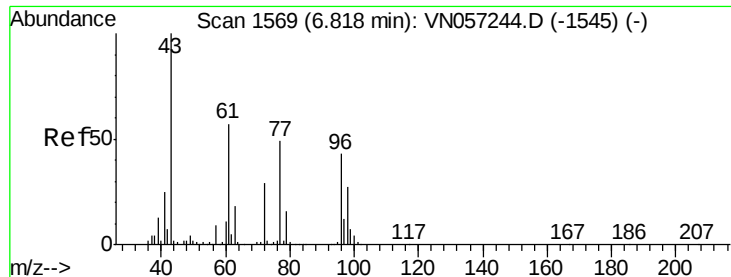
Tgt Ion: 43 Resp: 1566519
 Ion Ratio Lower Upper
 43 100
 72 28.6 23.1 34.7



#26
 2,2-Dichloropropane
 Concen: 49.009 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 77 Resp: 827769
 Ion Ratio Lower Upper
 77 100
 97 25.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 49.245 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

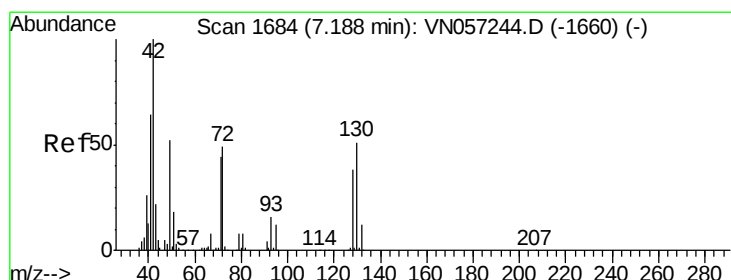
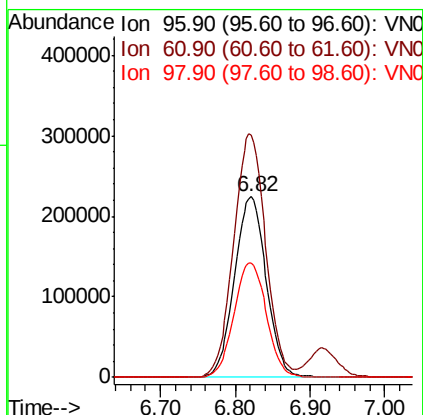
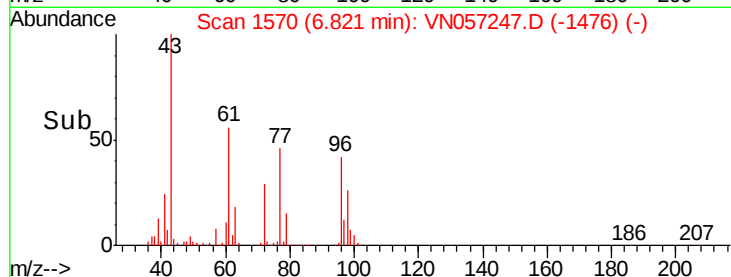
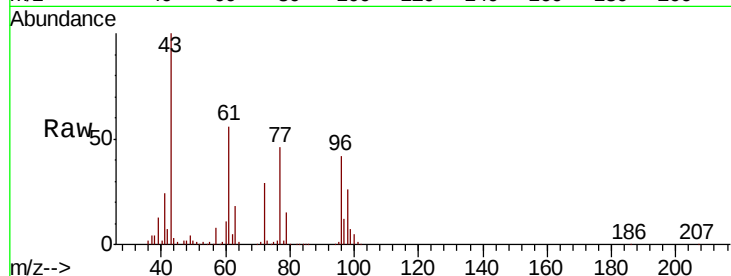
Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

Tgt Ion: 96 Resp: 663187

Ion	Ratio	Lower	Upper
96	100		
61	135.5	0.0	271.0
98	64.6	0.0	129.2



#28

Bromochloromethane

Concen: 49.584 ug/l

RT: 7.19 min Scan# 1684

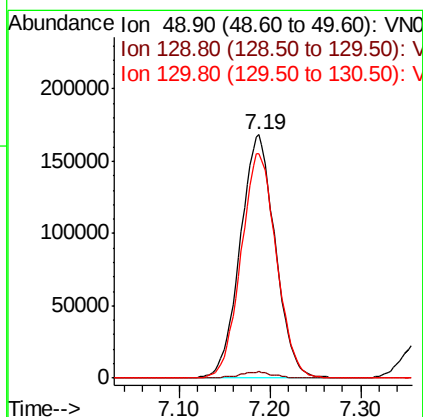
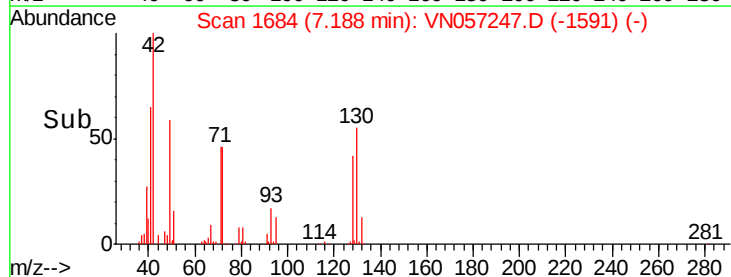
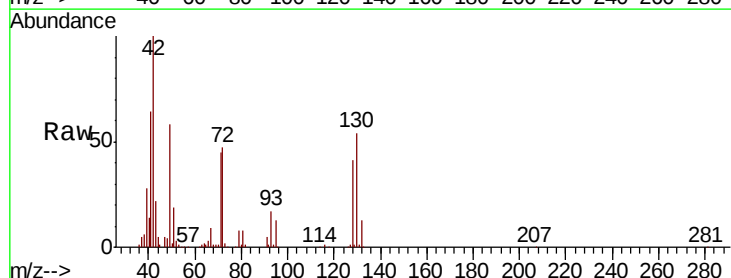
Delta R.T. 0.00 min

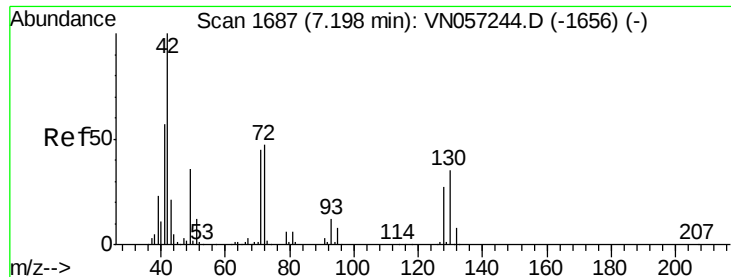
Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Tgt Ion: 49 Resp: 450437

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	3.0
130	92.7	75.6	113.4





#29

Tetrahydrofuran

Concen: 248.811 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVFN081319

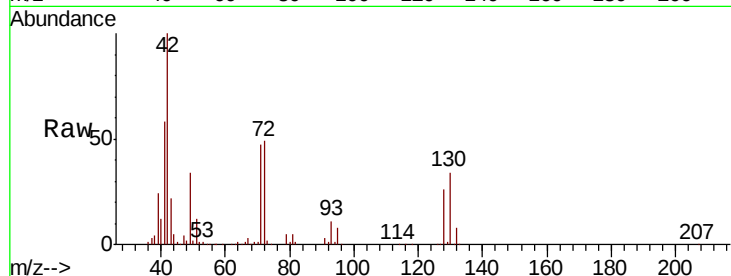
Tgt Ion: 42 Resp: 984645

Ion Ratio Lower Upper

42 100

72 47.1 37.6 56.4

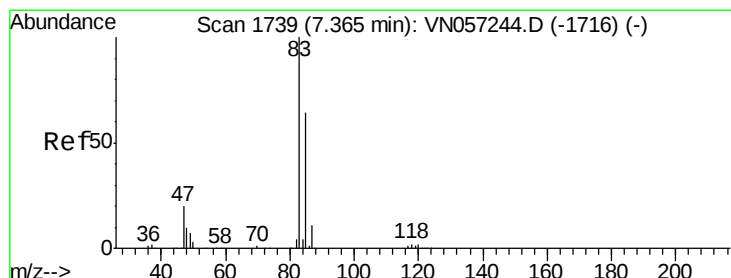
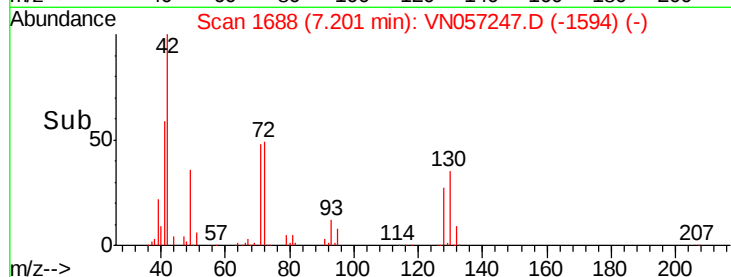
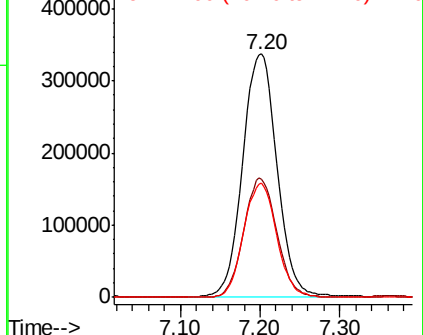
71 45.1 35.6 53.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.621 ug/l

RT: 7.36 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN057247.D

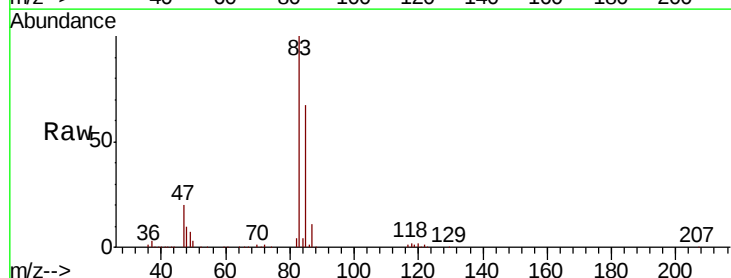
Acq: 13 Aug 2019 14:46

Tgt Ion: 83 Resp: 1024084

Ion Ratio Lower Upper

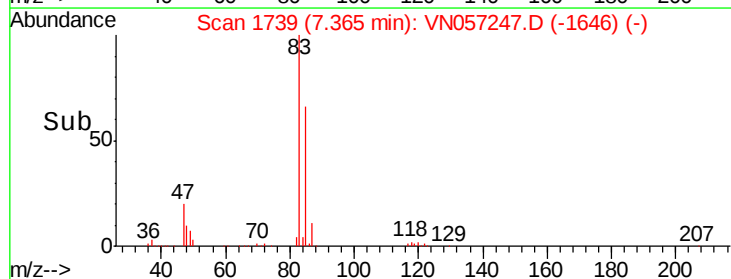
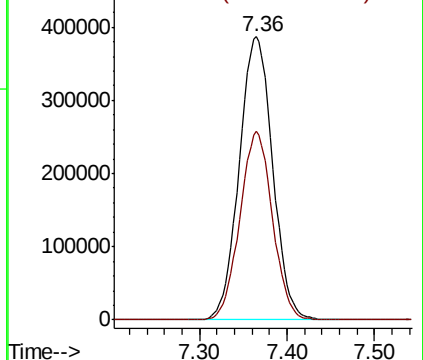
83 100

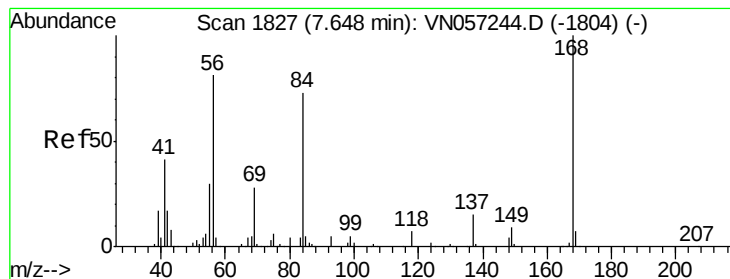
85 66.6 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.849 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

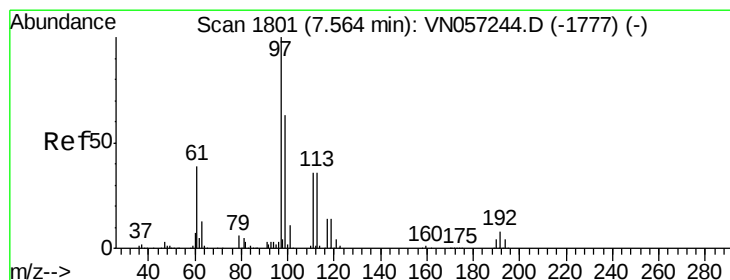
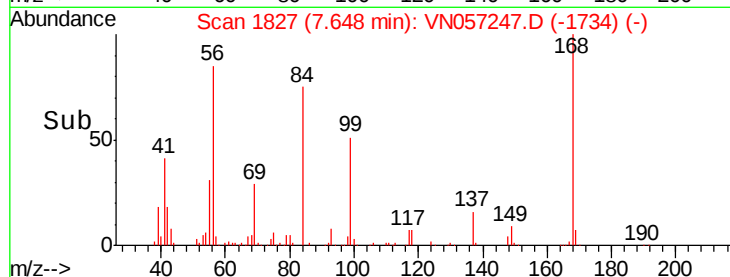
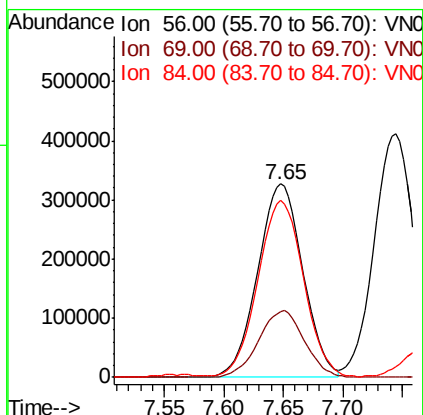
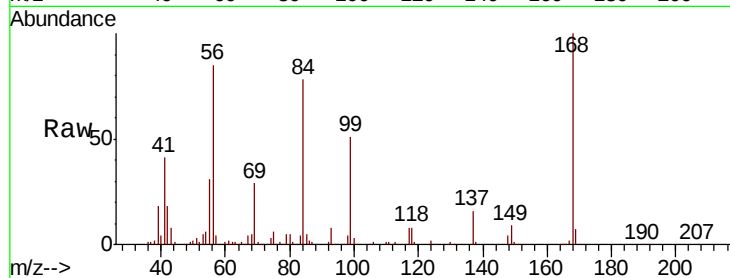
Tgt Ion: 56 Resp: 860917

Ion Ratio Lower Upper

56 100

69 34.0 27.8 41.8

84 90.2 72.0 108.0



#32

1,1,1-Trichloroethane

Concen: 49.929 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

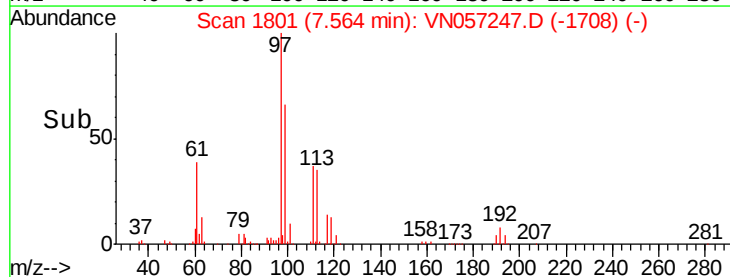
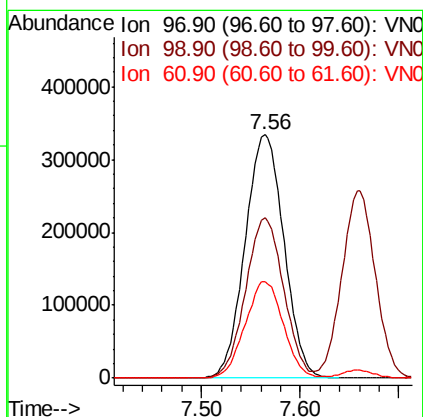
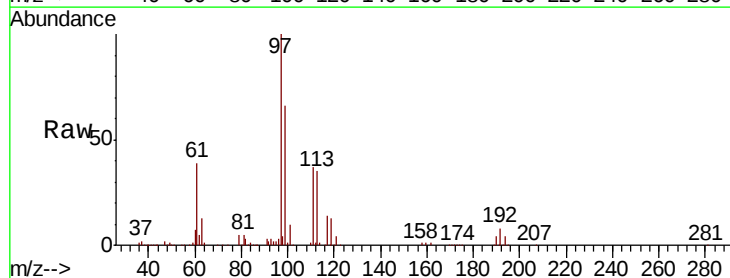
Tgt Ion: 97 Resp: 908210

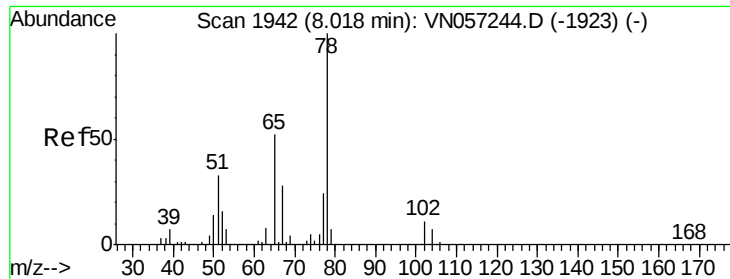
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 39.2 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 49.953 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

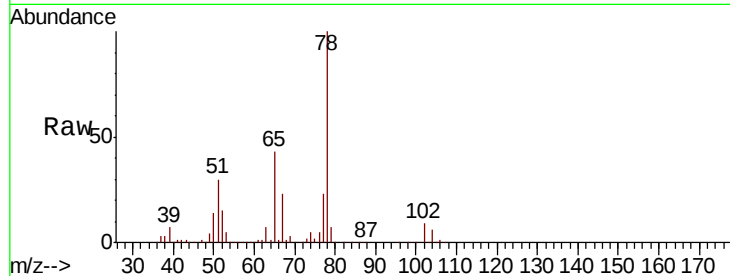
ICVFN081319

Tgt Ion: 65 Resp: 634407

Ion Ratio Lower Upper

65 100

67 54.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057247.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057247.D (-1849) (-)

8.02

250000

200000

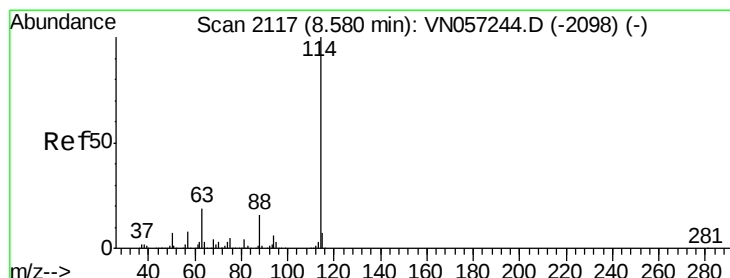
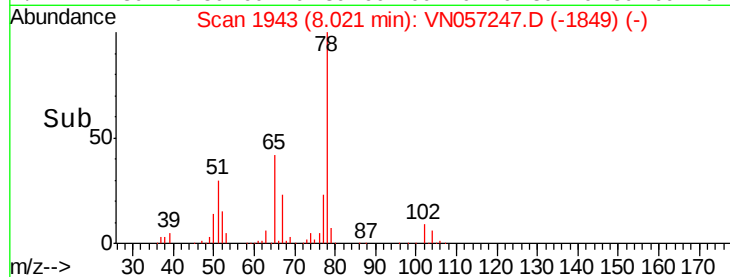
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

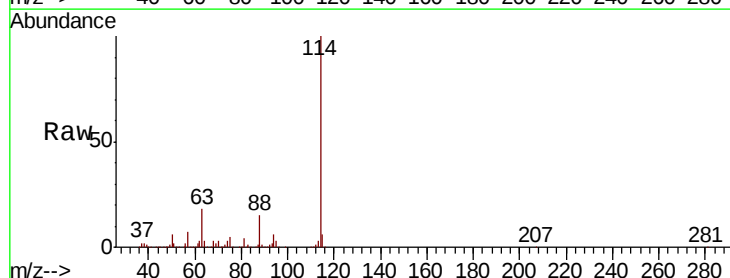
Tgt Ion: 114 Resp: 1819689

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.0

88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057247.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057247.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057247.D (-2024) (-)

8.58

1200000

1000000

800000

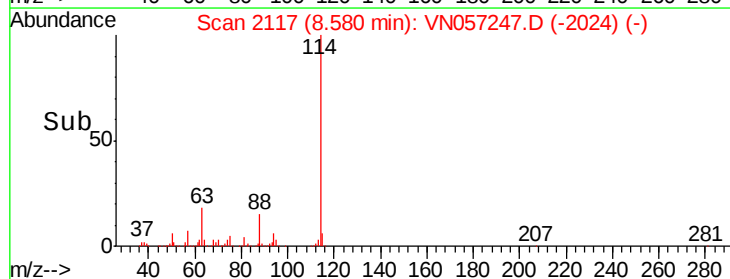
600000

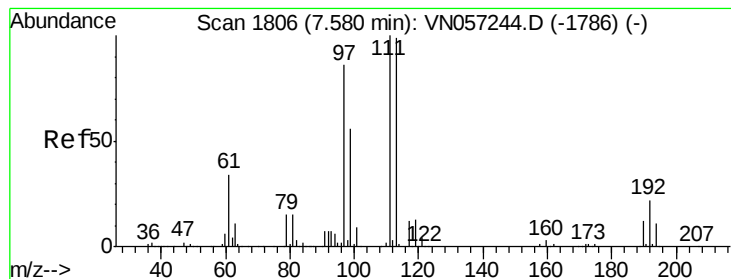
400000

200000

0

Time--> 8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICV081319

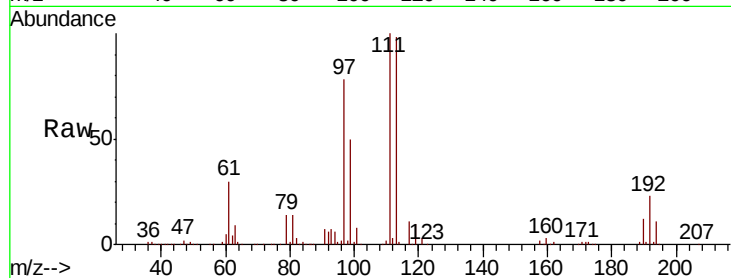
Tgt Ion: 113 Resp: 583082

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

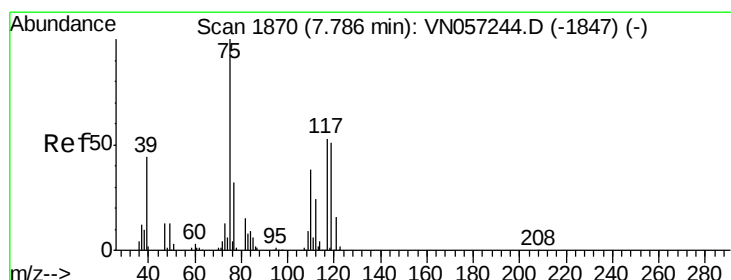
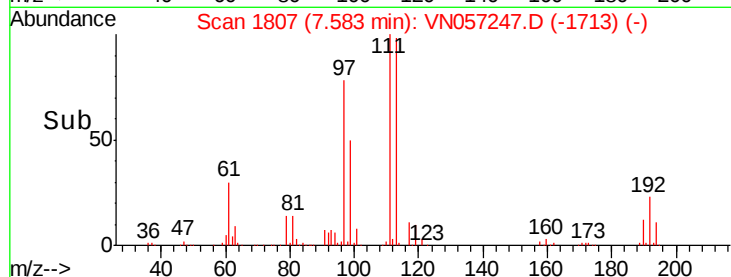
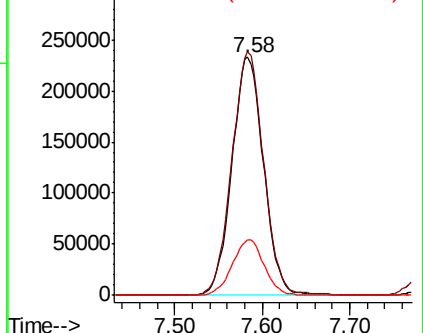
192 23.7 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.324 ug/l

RT: 7.79 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

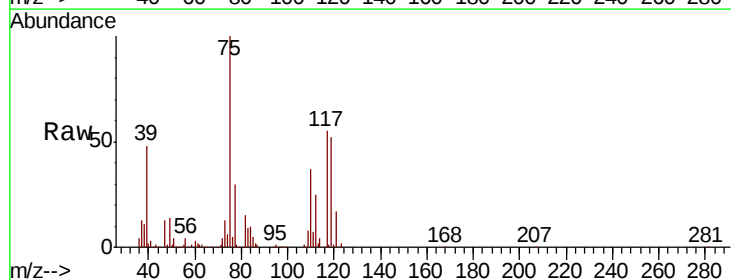
Tgt Ion: 75 Resp: 784711

Ion Ratio Lower Upper

75 100

110 37.3 19.1 57.1

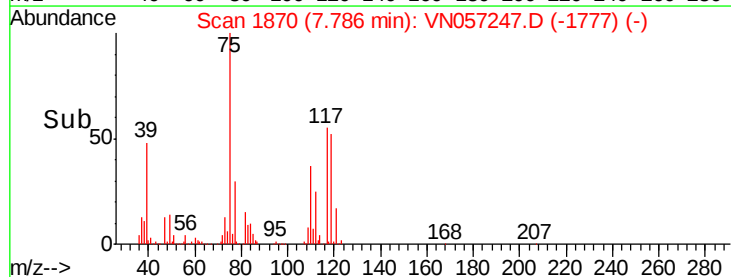
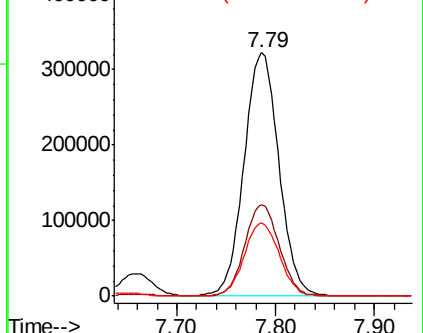
77 30.7 25.2 37.8

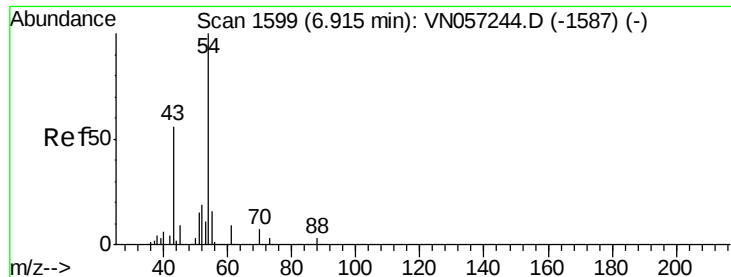


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

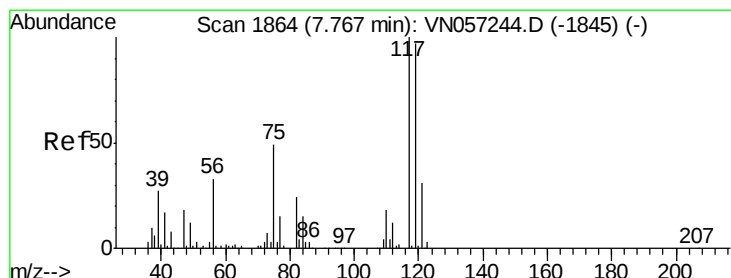
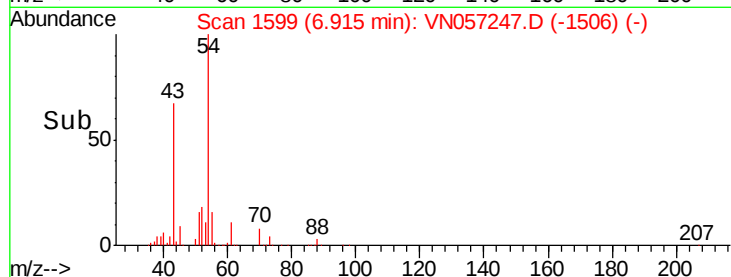
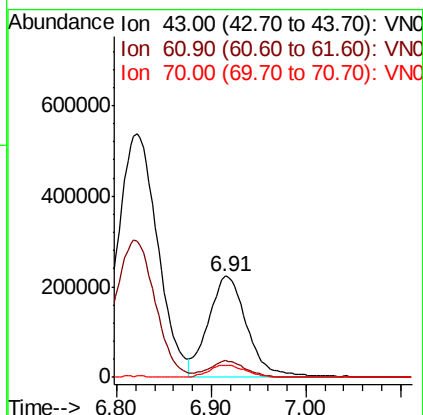
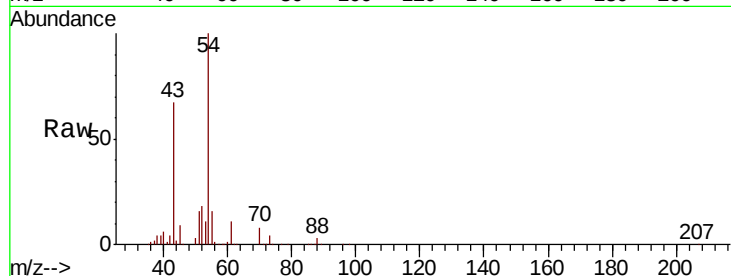




#37
Ethyl Acetate
Concen: 48.720 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

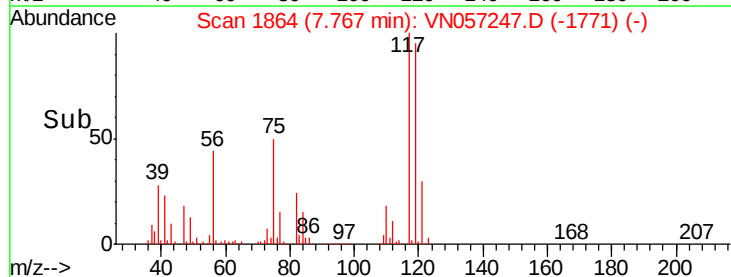
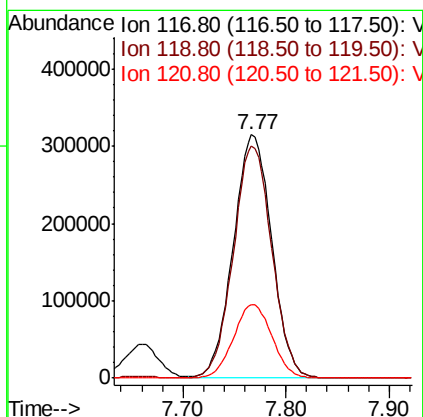
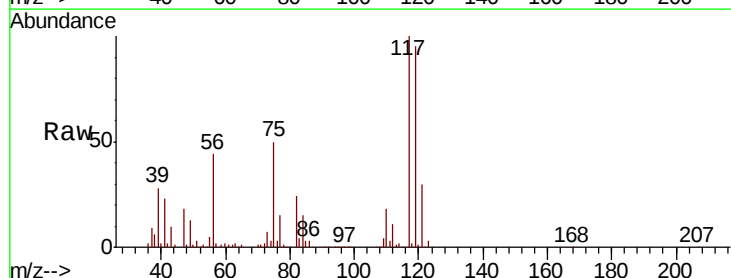
Instrument :
MSVOA_N
ClientSampled :
ICVFN081319

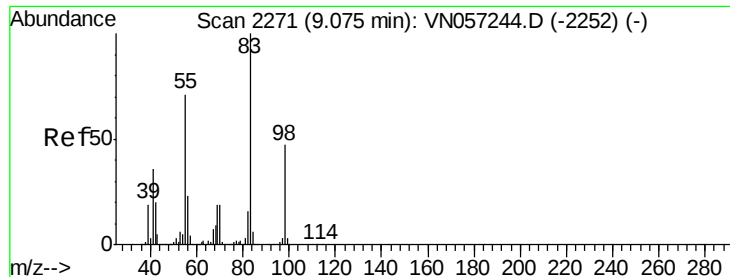
Tgt Ion: 43 Resp: 622988
Ion Ratio Lower Upper
43 100
61 15.5 12.7 19.1
70 11.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.148 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 117 Resp: 813705
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6
121 30.3 24.9 37.3

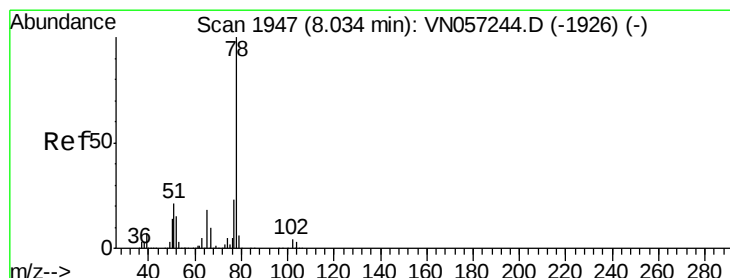
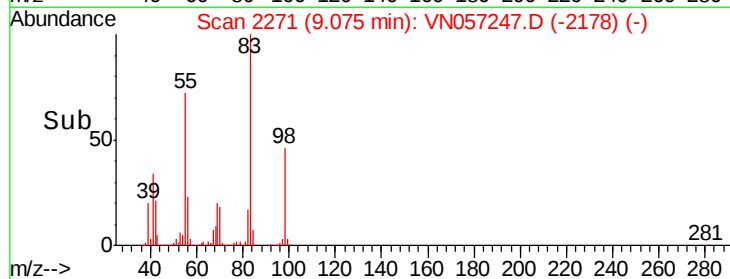
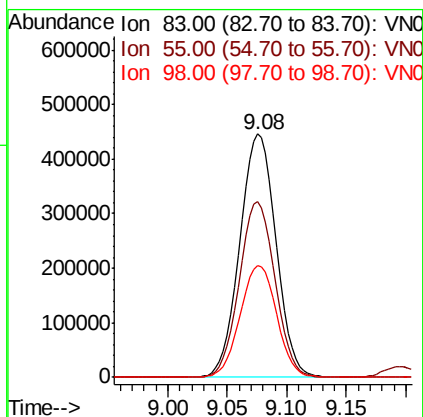
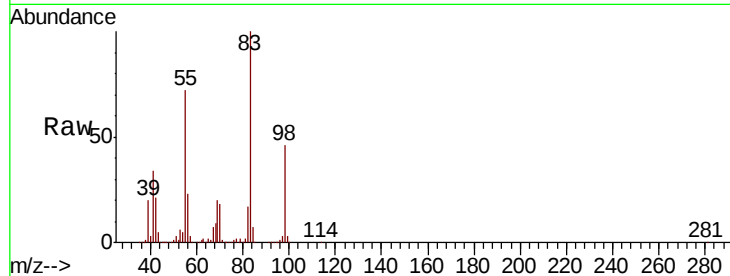




#39
Methylcyclohexane
Concen: 49.975 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

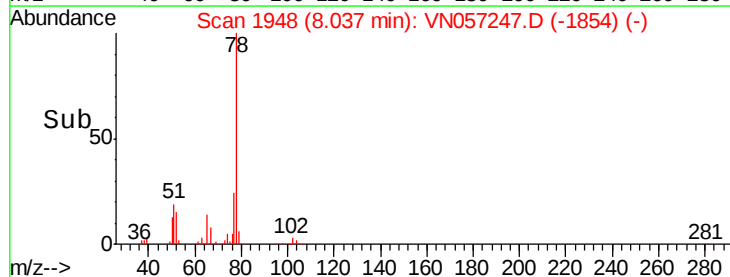
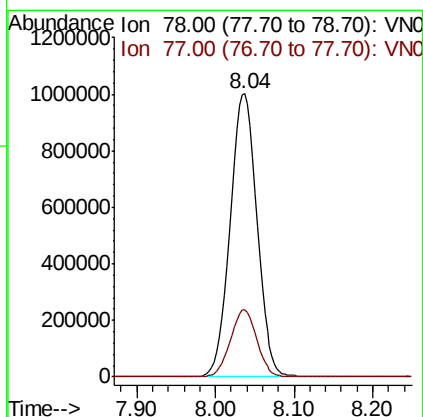
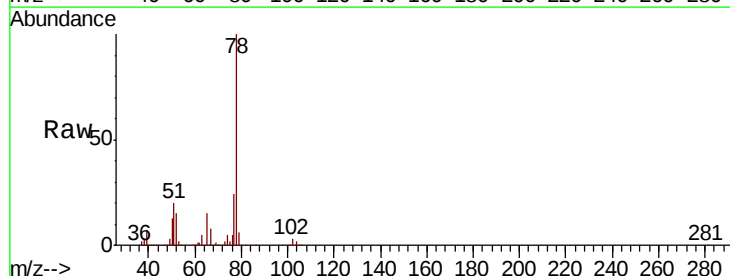
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

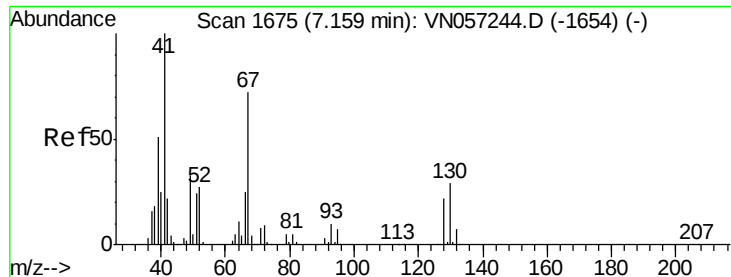
Tgt Ion: 83 Resp: 941332
Ion Ratio Lower Upper
83 100
55 72.1 57.0 85.4
98 45.9 37.2 55.8



#40
Benzene
Concen: 48.954 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 78 Resp: 2366055
Ion Ratio Lower Upper
78 100
77 23.8 18.2 27.4

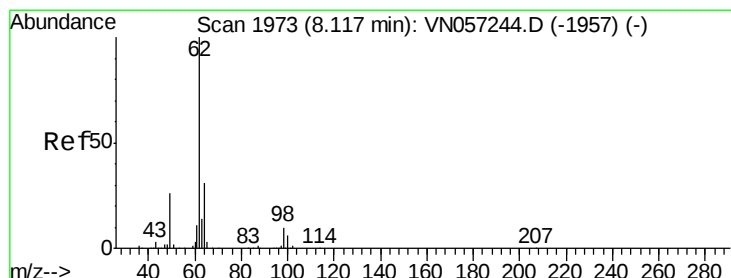
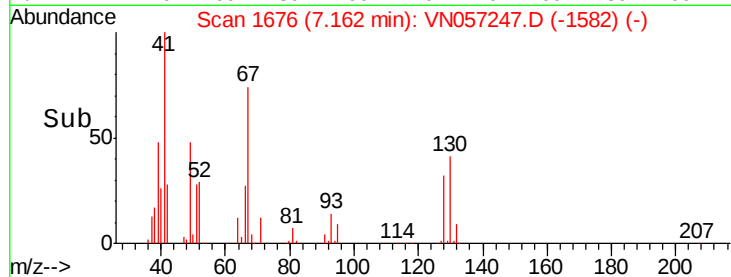
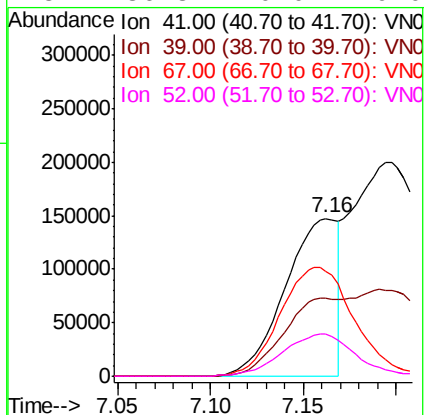
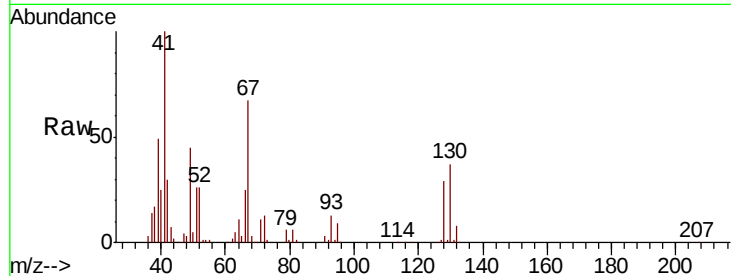




#41
Methacrylonitrile
Concen: 55.494 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

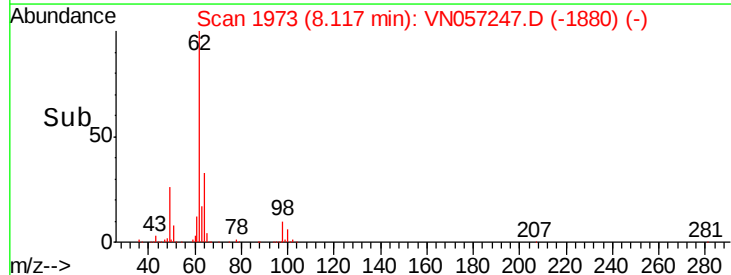
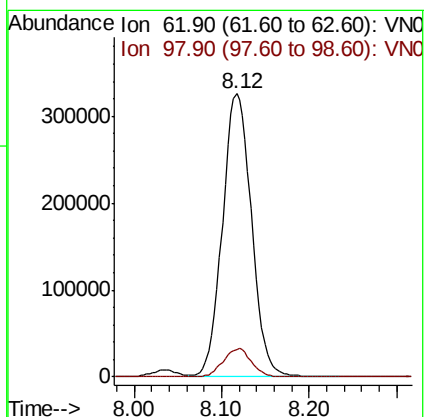
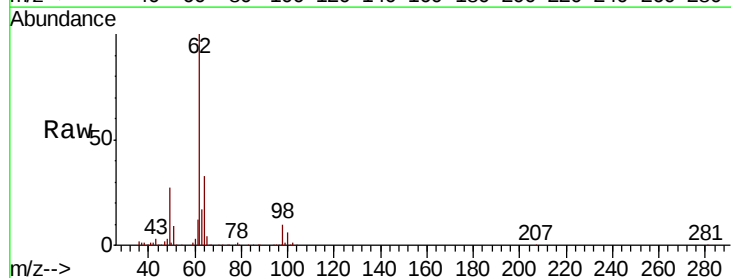
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

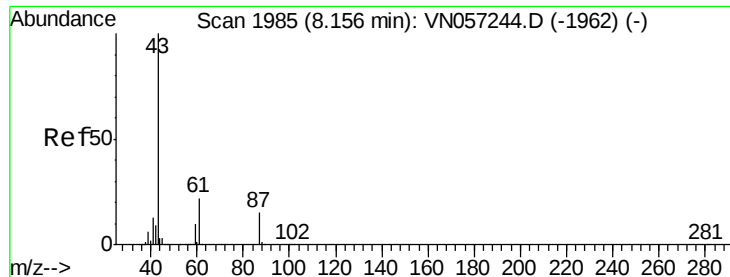
Tgt Ion:	41	Resp:	292024
Ion	Ratio	Lower	Upper
41	100		
39	50.7	0.0	0.0#
67	97.0	0.0	0.0#
52	36.3	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.474 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion:	62	Resp:	750760
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0





#43

Isopropyl Acetate

Concen: 50.271 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

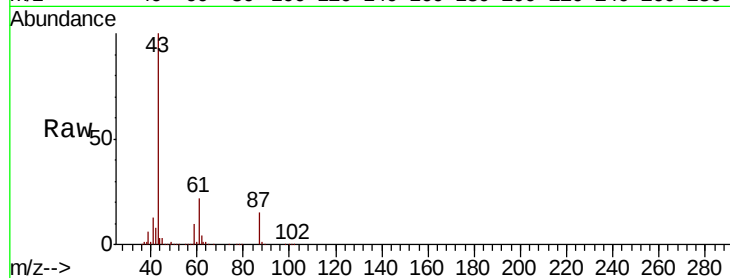
Tgt Ion: 43 Resp: 1058661

Ion Ratio Lower Upper

43 100

61 29.1 23.5 35.3

87 15.3 12.1 18.1

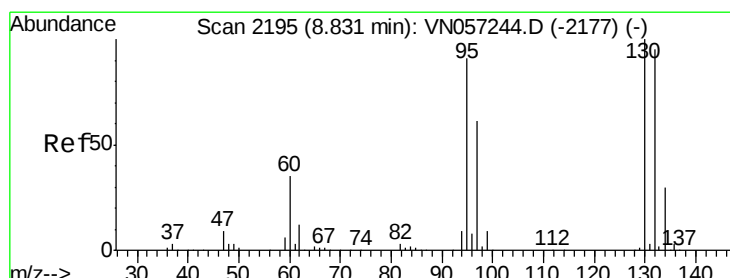
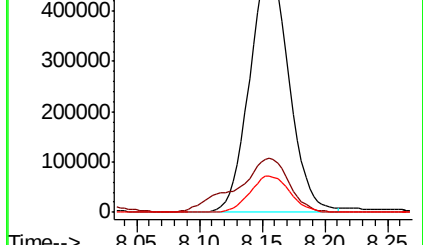
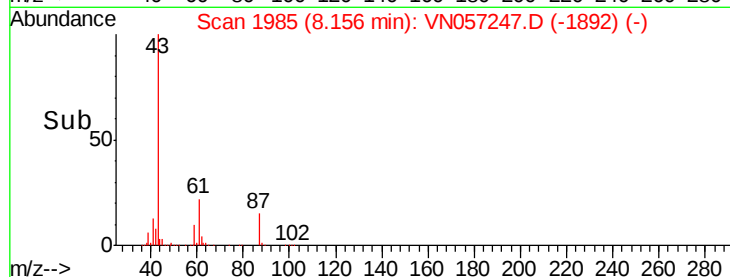


Abundance Ion 43.00 (42.70 to 43.70): VN057244.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057244.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057244.D (-1962) (-)

Time-->



#44

Trichloroethene

Concen: 48.349 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057247.D

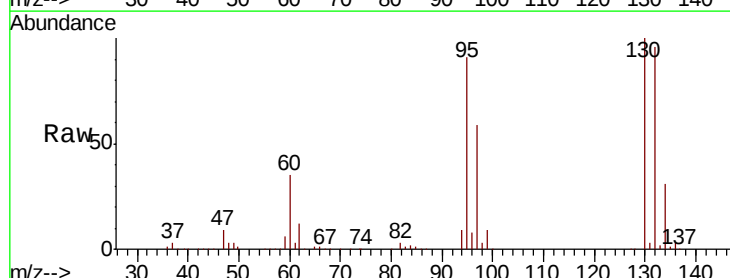
Acq: 13 Aug 2019 14:46

Tgt Ion: 130 Resp: 677372

Ion Ratio Lower Upper

130 100

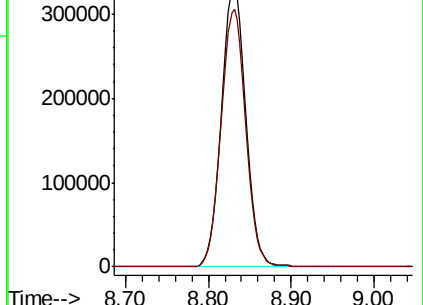
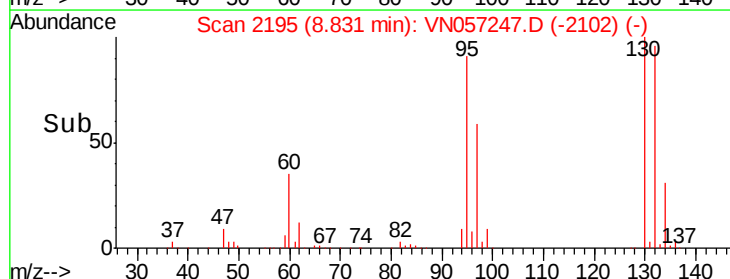
95 91.3 0.0 181.8

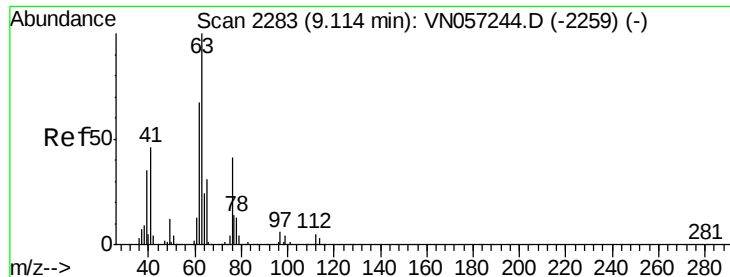


Abundance Ion 129.80 (129.50 to 130.50): VN057244.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057244.D (-2177) (-)

Time-->

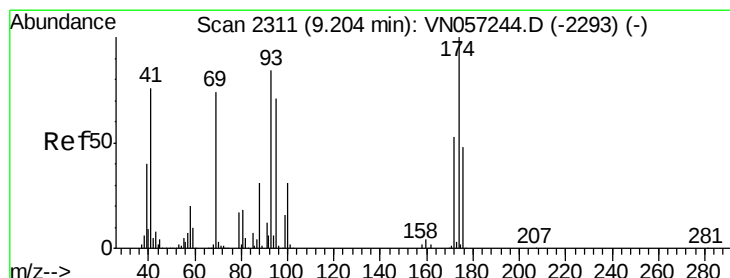
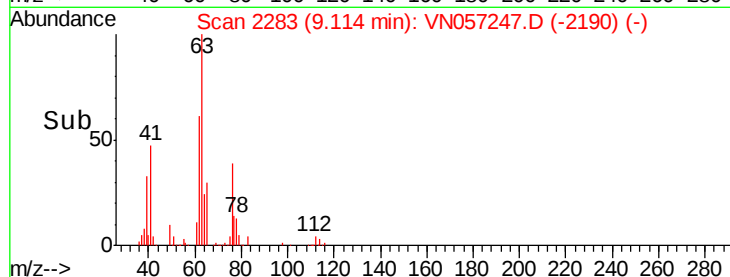
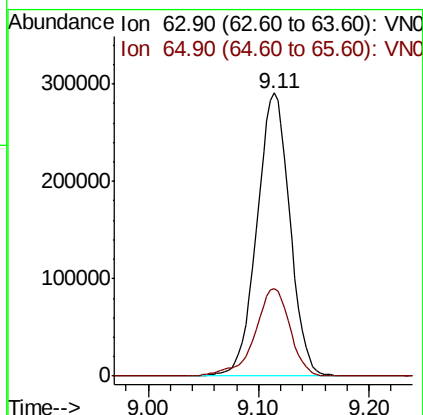
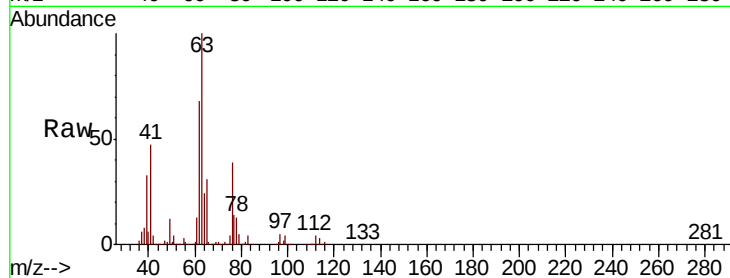




#45
 1,2-Dichloropropane
 Concen: 49.248 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

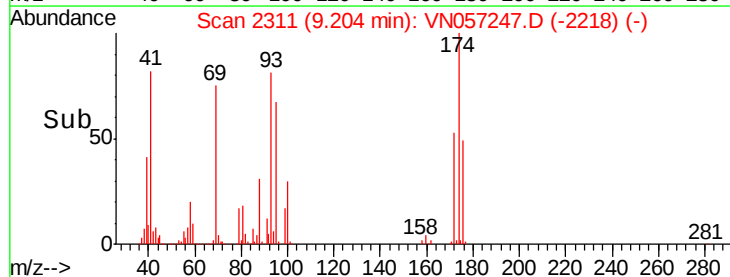
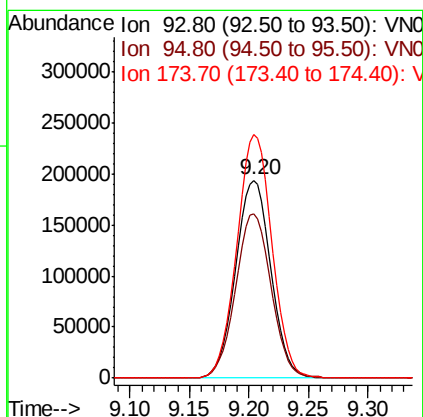
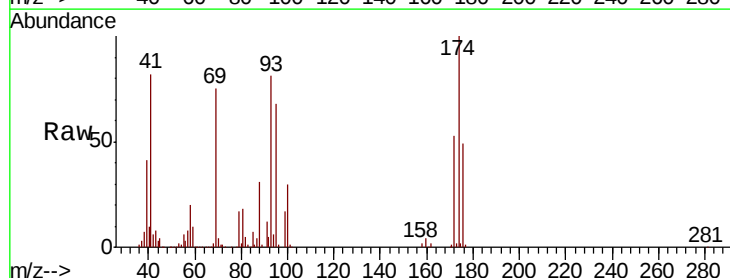
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

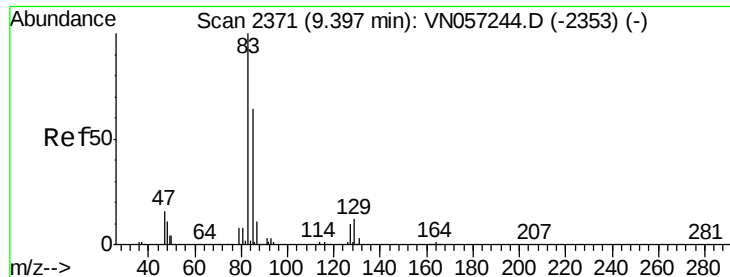
Tgt Ion: 63 Resp: 603015
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4



#46
 Dibromomethane
 Concen: 48.429 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 93 Resp: 399819
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.0 100.4
 174 122.3 96.2 144.2





#47

Bromodichloromethane

Concen: 50.439 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

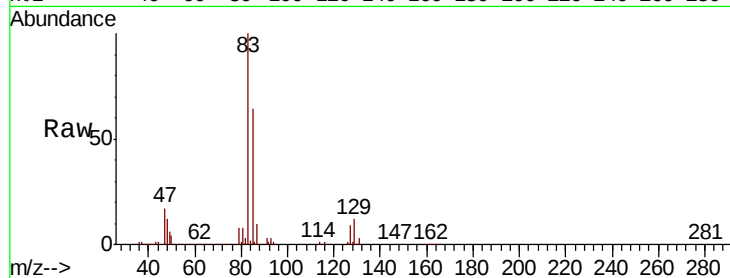
Tgt Ion: 83 Resp: 802833

Ion Ratio Lower Upper

83 100

85 64.1 51.4 77.0

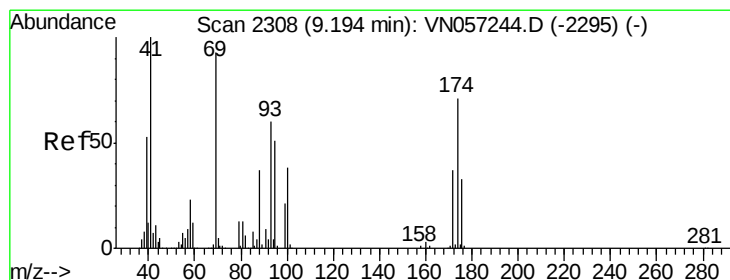
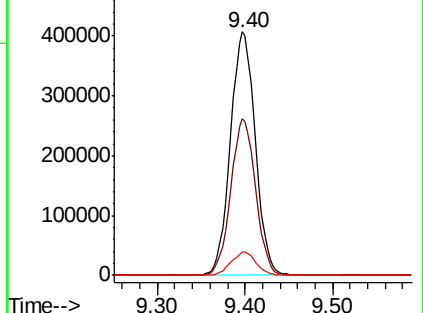
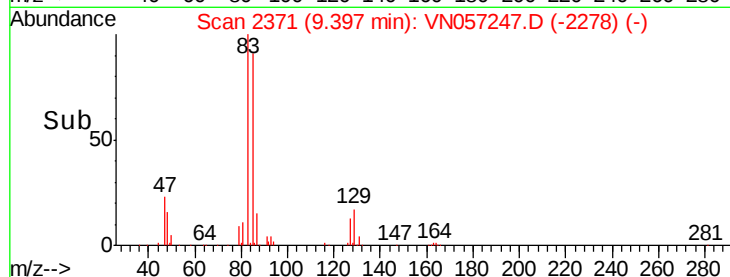
127 9.5 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 52.420 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

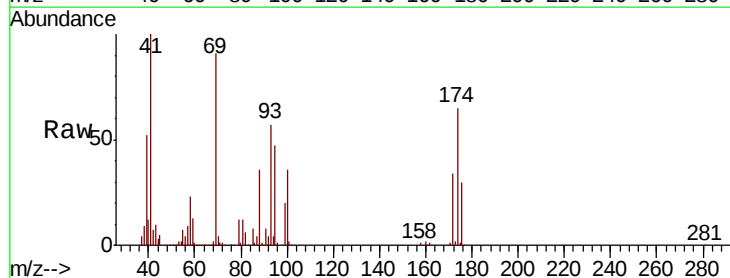
Tgt Ion: 41 Resp: 510799

Ion Ratio Lower Upper

41 100

69 94.7 75.7 113.5

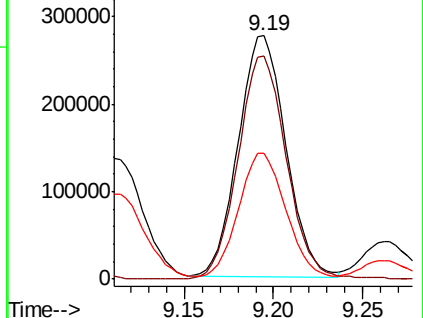
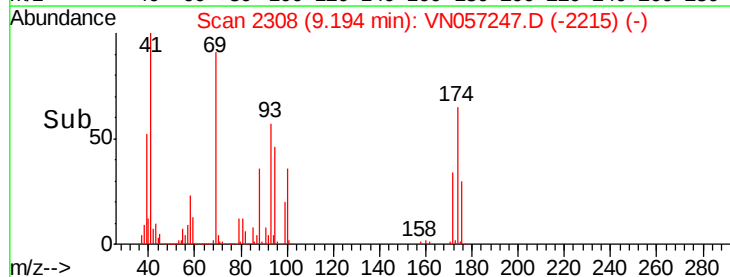
39 52.7 43.3 64.9

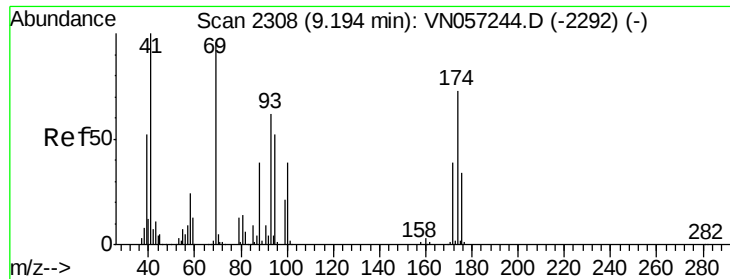


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

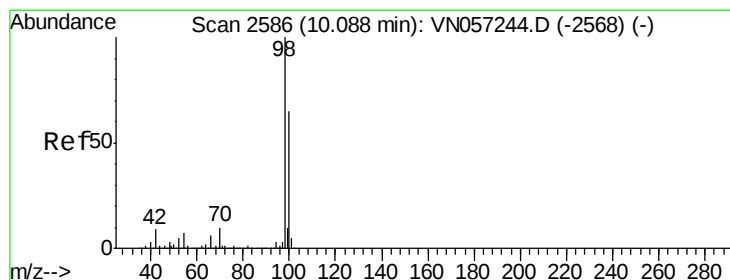
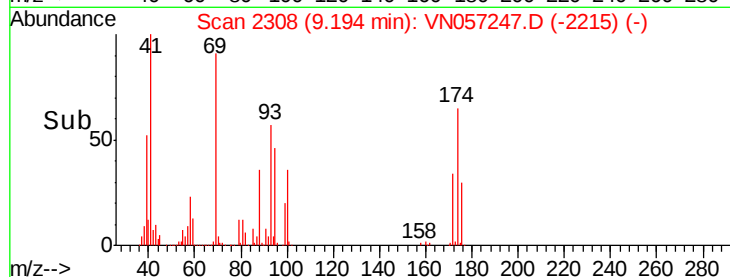
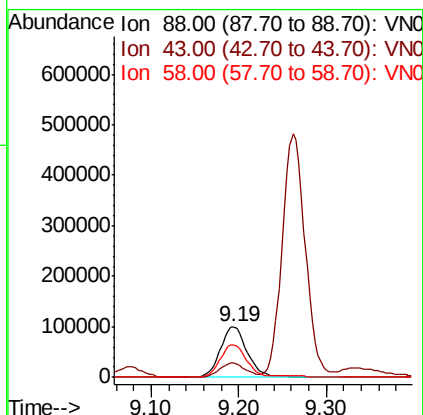
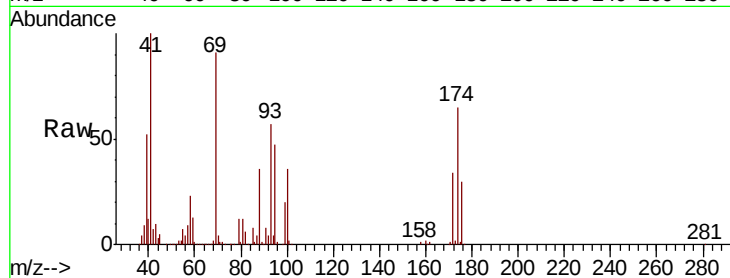




#49
1,4-Dioxane
Concen: 971.340 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

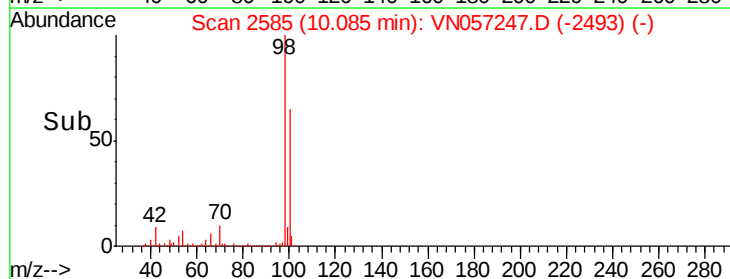
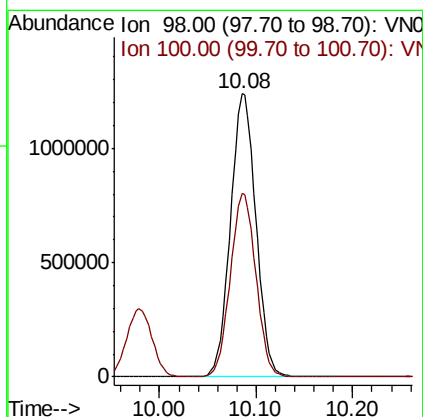
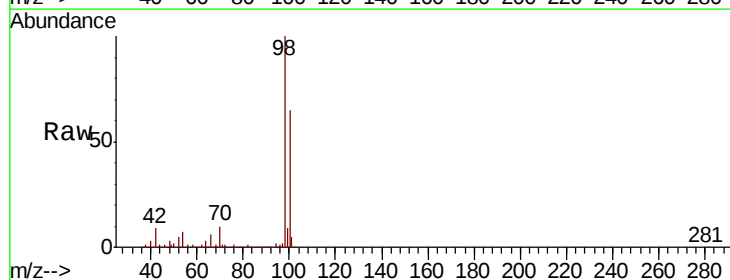
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

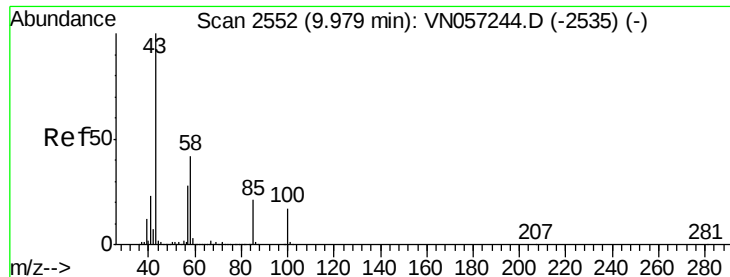
Tgt Ion: 88 Resp: 213302
Ion Ratio Lower Upper
88 100
43 26.2 20.7 31.1
58 63.6 52.0 78.0



#50
Toluene-d8
Concen: 53.274 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 98 Resp: 2257708
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

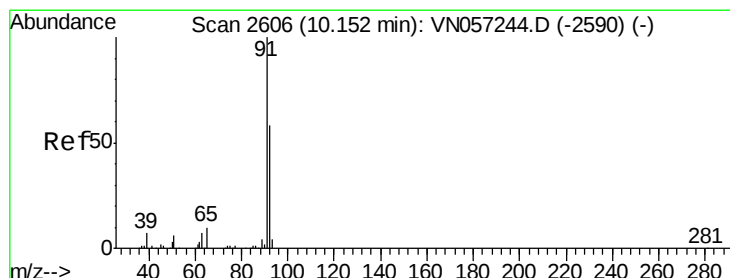
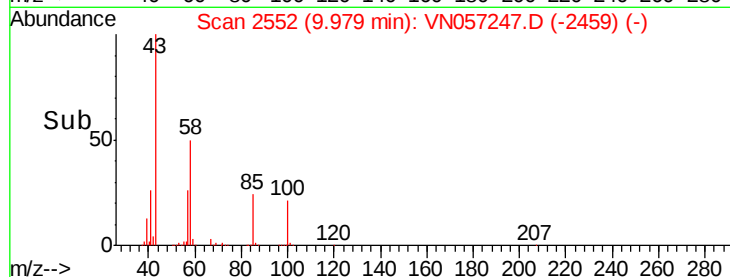
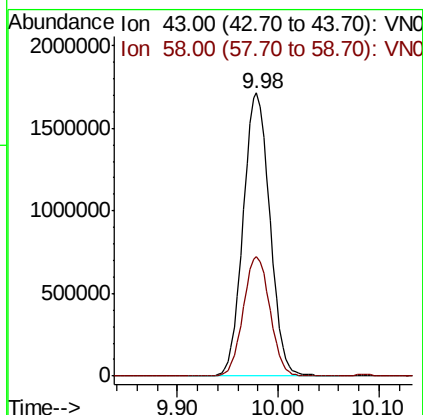
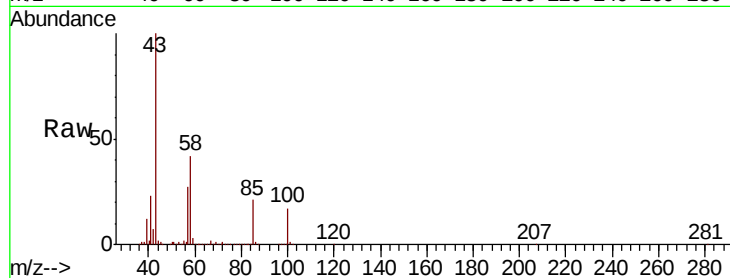




#51
 4-Methyl-2-Pentanone
 Concen: 253.016 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

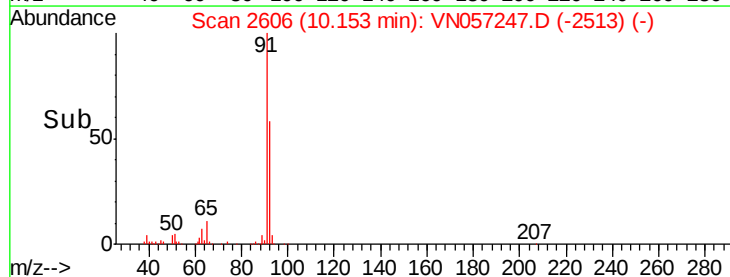
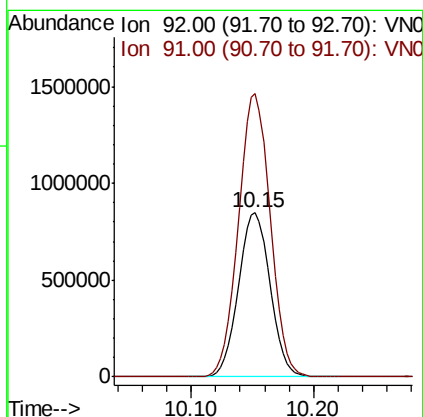
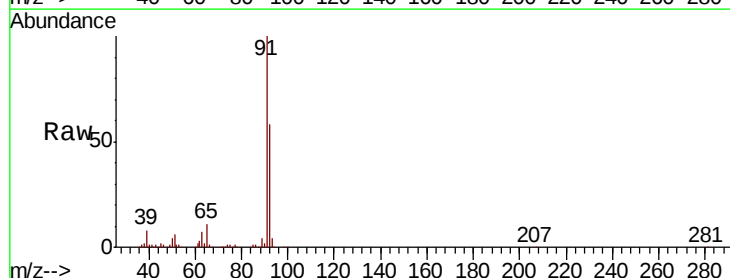
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

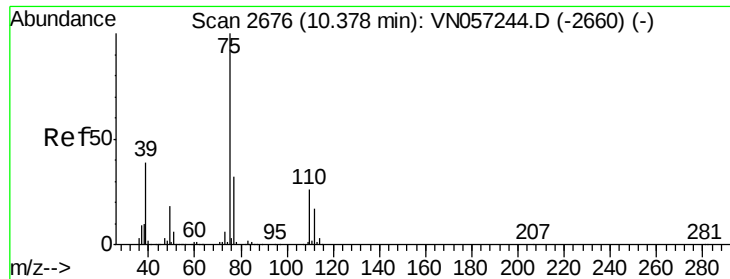
Tgt Ion: 43 Resp: 3128821
 Ion Ratio Lower Upper
 43 100
 58 42.3 33.7 50.5



#52
 Toluene
 Concen: 50.556 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 92 Resp: 1518010
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 51.999 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

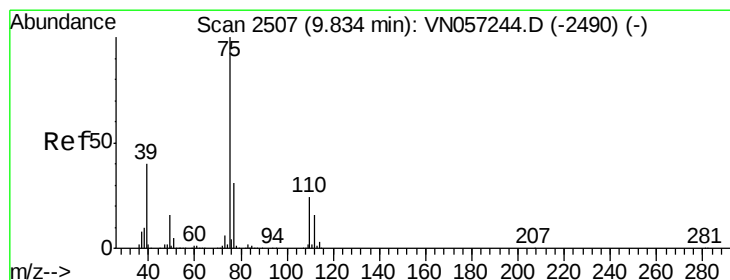
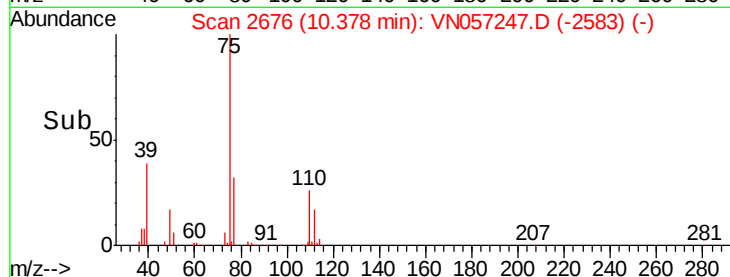
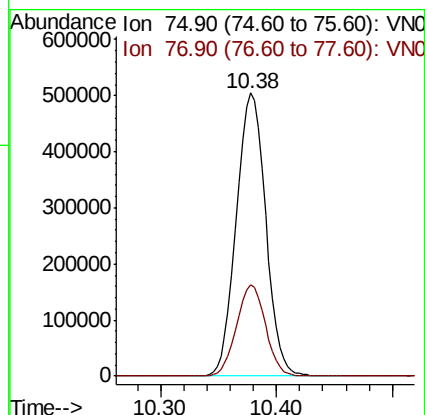
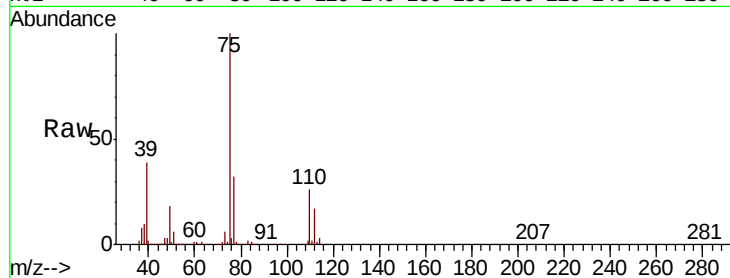
ICVFN081319

Tgt Ion: 75 Resp: 885300

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.943 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

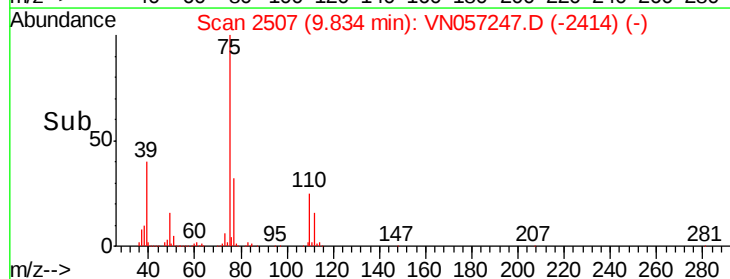
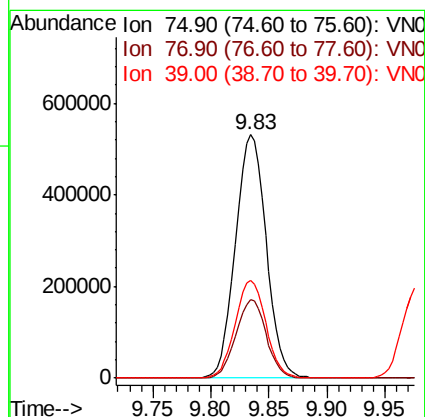
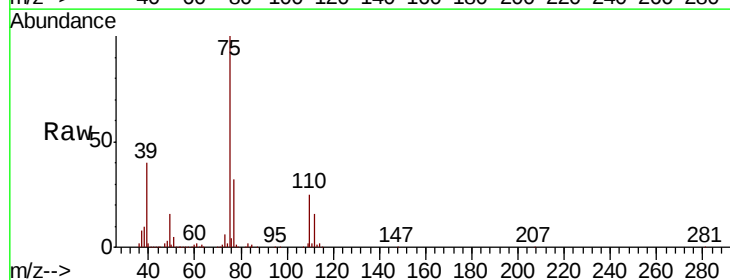
Tgt Ion: 75 Resp: 977490

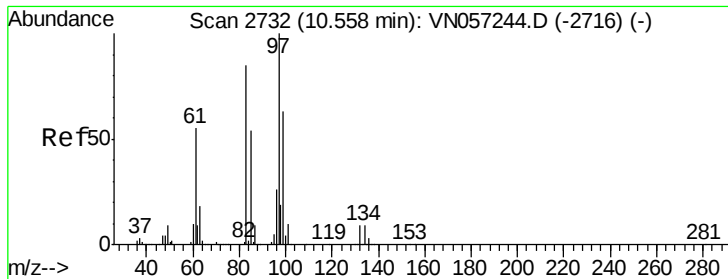
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 40.3 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 49.347 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVFN081319

Tgt Ion: 97 Resp: 579167

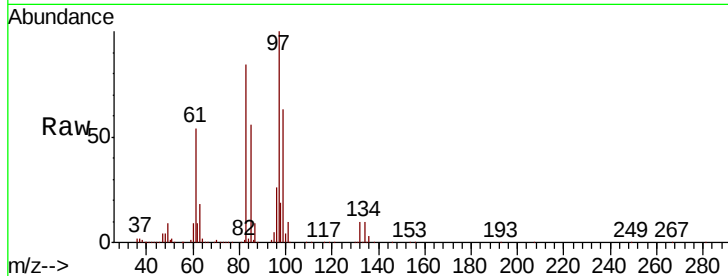
Ion Ratio Lower Upper

97 100

83 84.5 68.4 102.6

85 56.1 43.0 64.6

99 62.4 50.6 75.8

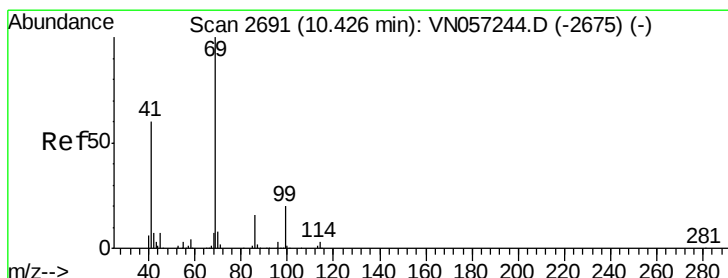
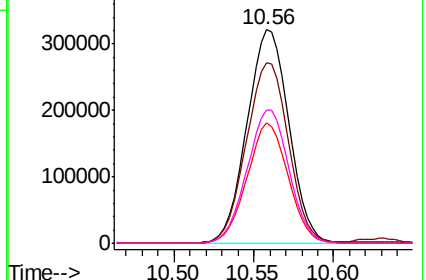
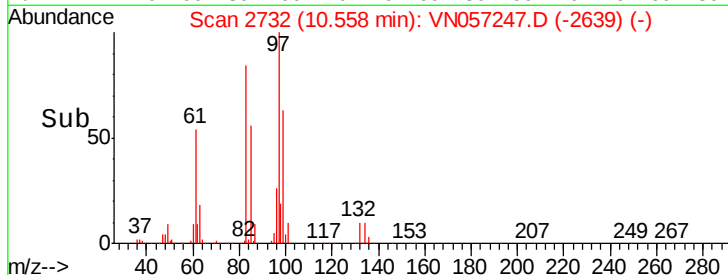


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.330 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

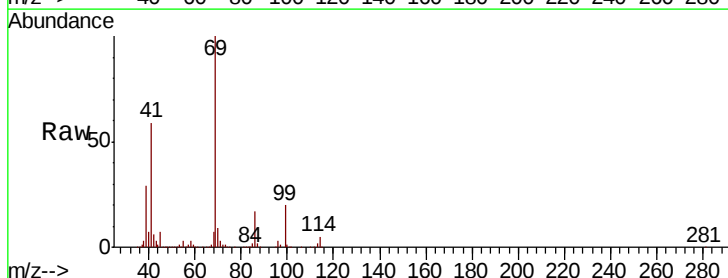
Tgt Ion: 69 Resp: 861674

Ion Ratio Lower Upper

69 100

41 59.1 47.6 71.4

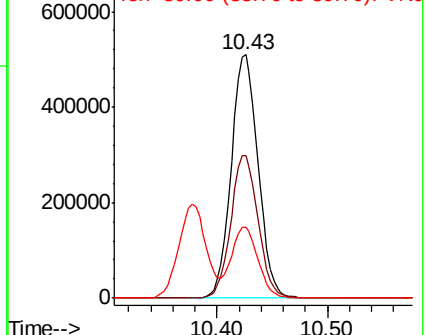
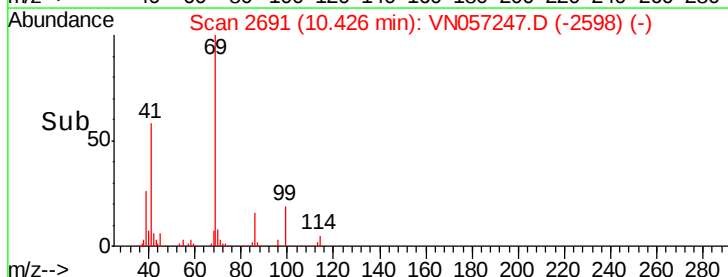
39 28.9 23.4 35.0

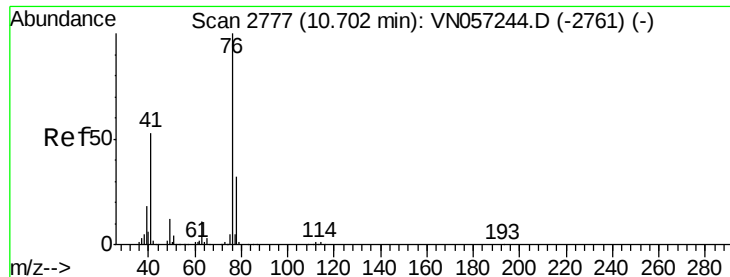


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.120 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

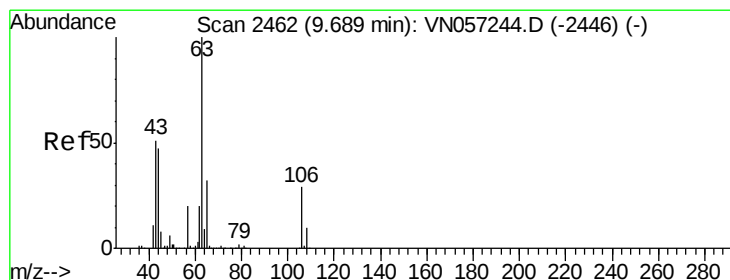
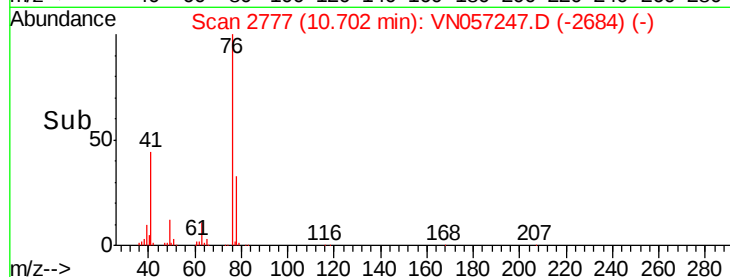
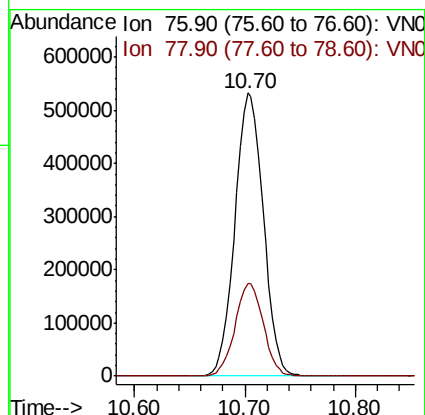
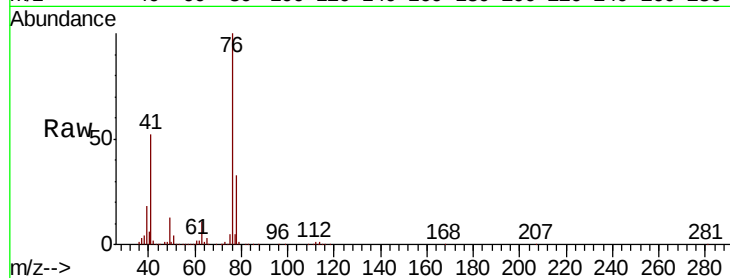
ICVFN081319

Tgt Ion: 76 Resp: 951158

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 232.411 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057247.D

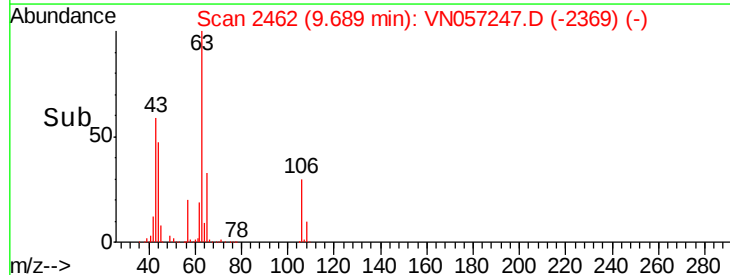
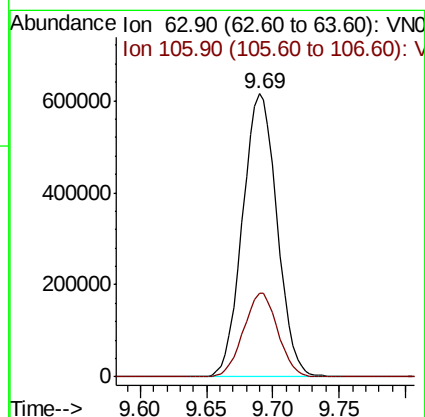
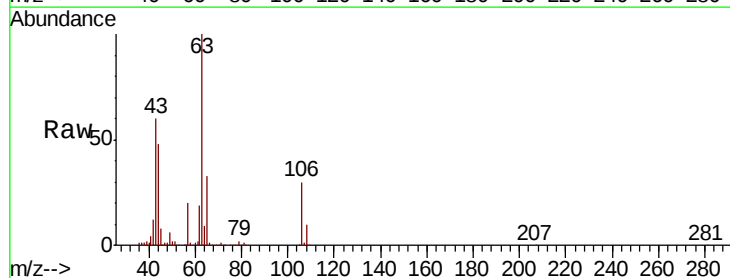
Acq: 13 Aug 2019 14:46

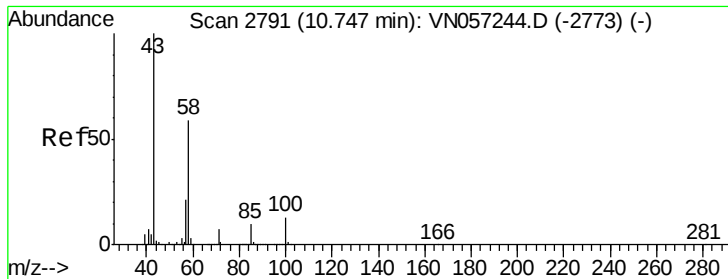
Tgt Ion: 63 Resp: 1111131

Ion Ratio Lower Upper

63 100

106 29.6 23.4 35.2

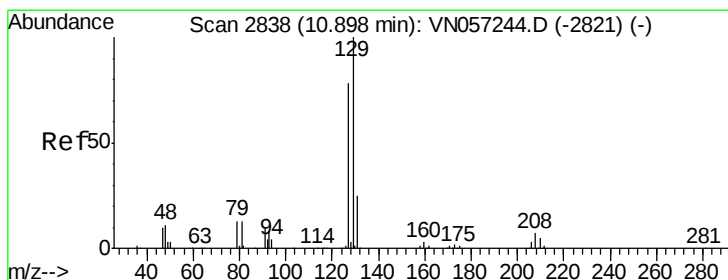
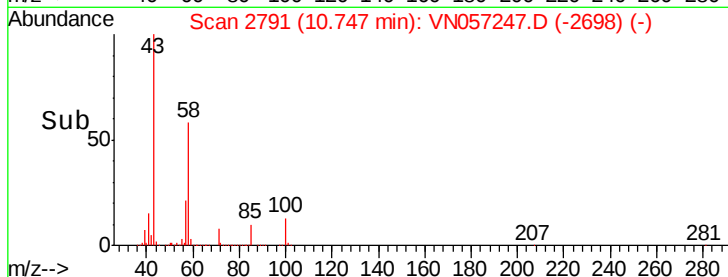
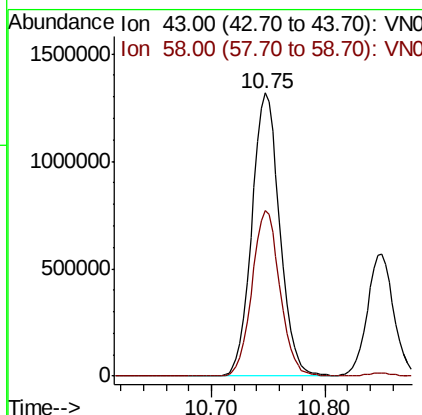
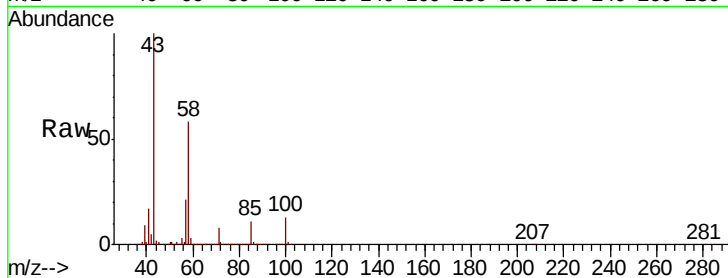




#59
2-Hexanone
Concen: 257.037 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

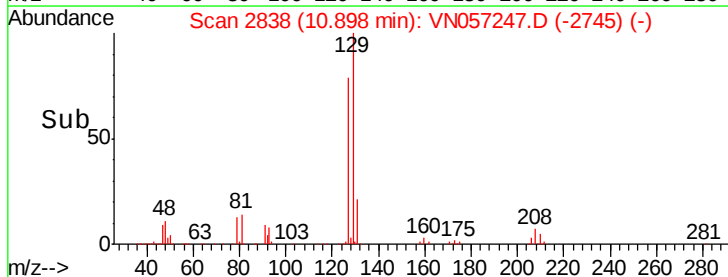
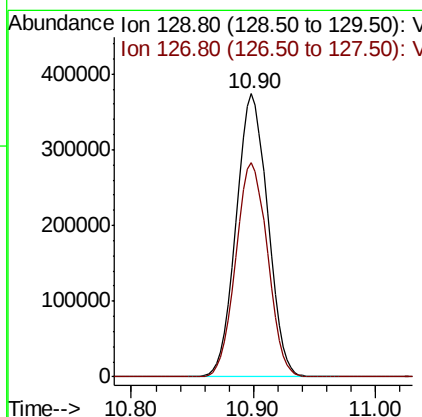
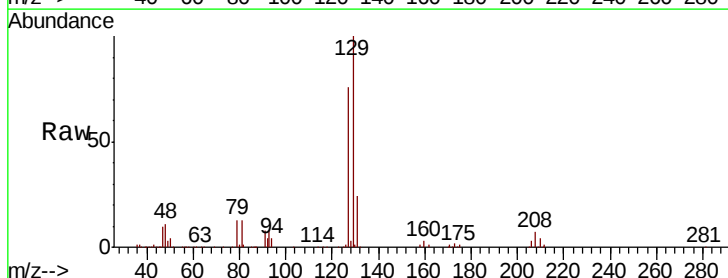
Instrument :
MSVOA_N
ClientSampleId :
ICVFN081319

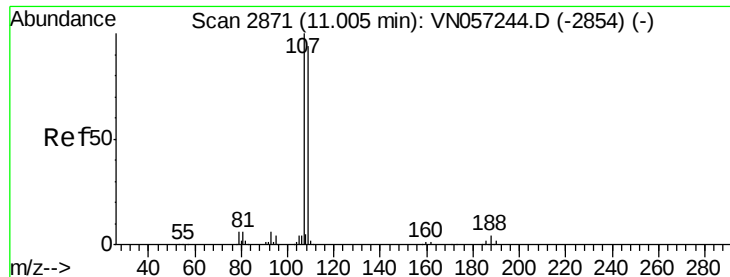
Tgt Ion: 43 Resp: 2255233
Ion Ratio Lower Upper
43 100
58 58.5 29.1 87.4



#60
Dibromochloromethane
Concen: 50.949 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 129 Resp: 670566
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6

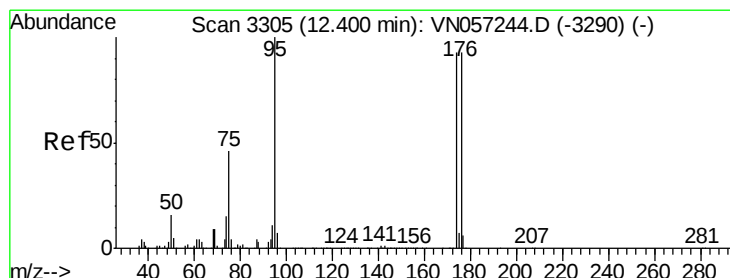
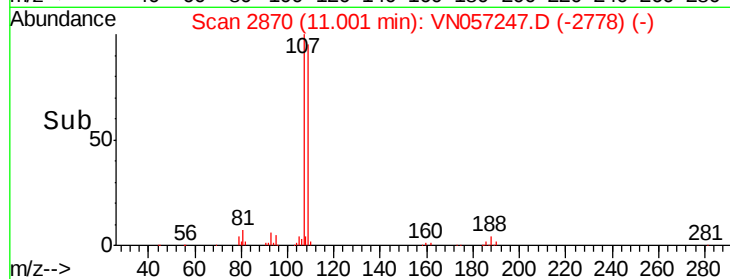
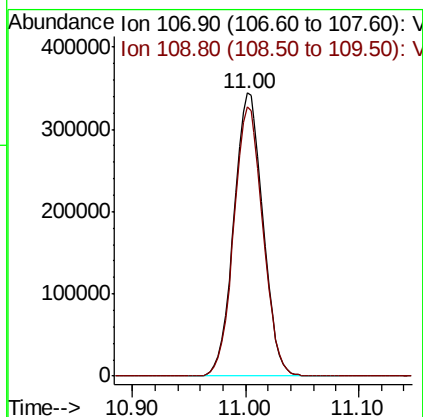
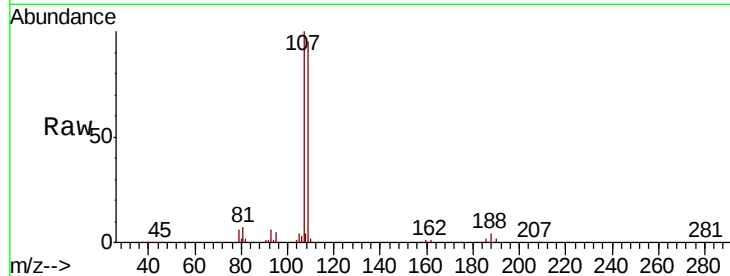




#61
 1,2-Dibromoethane
 Concen: 50.601 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

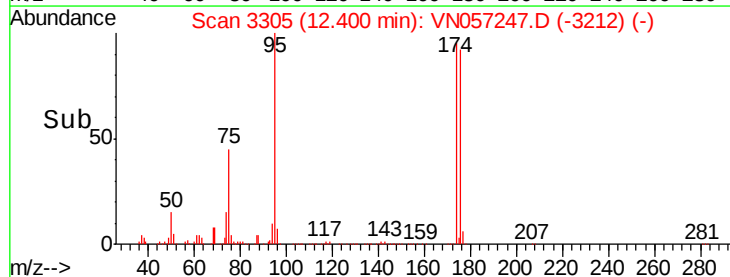
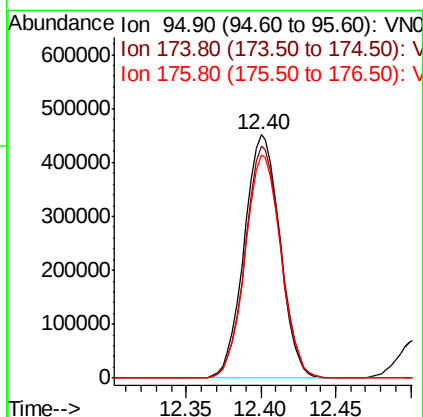
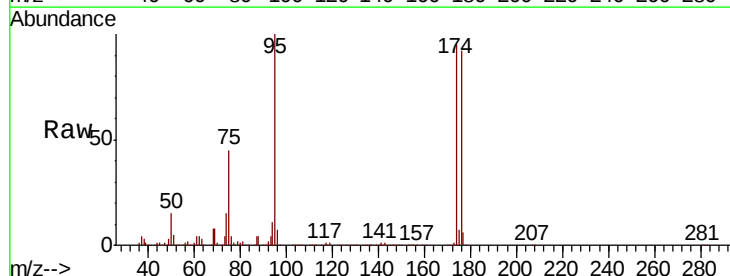
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

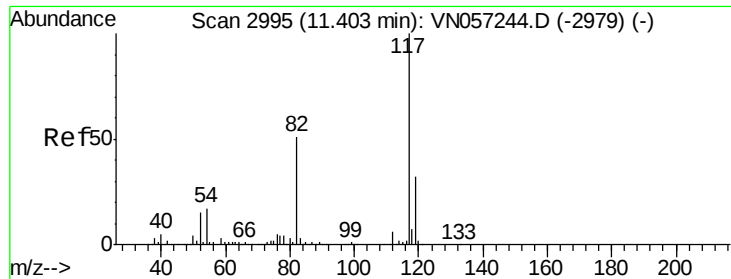
Tgt Ion: 107 Resp: 616552
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.454 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 95 Resp: 747810
 Ion Ratio Lower Upper
 95 100
 174 95.1 0.0 187.6
 176 91.9 0.0 185.8

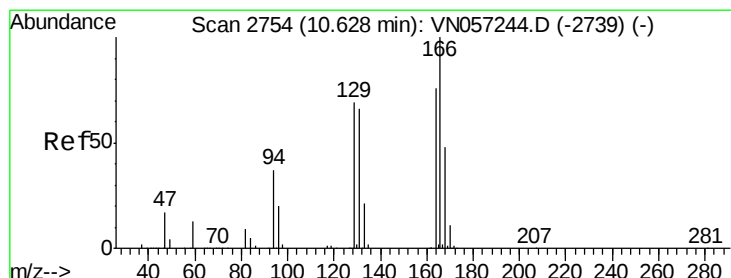
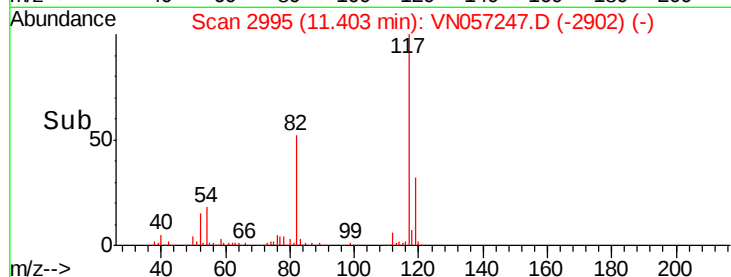
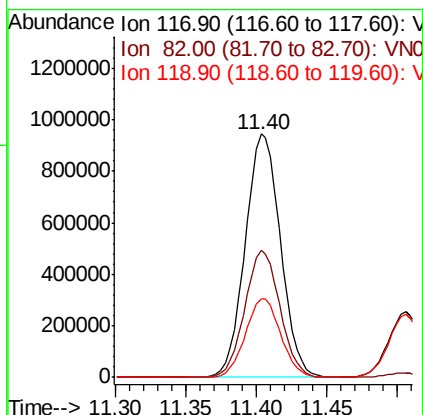
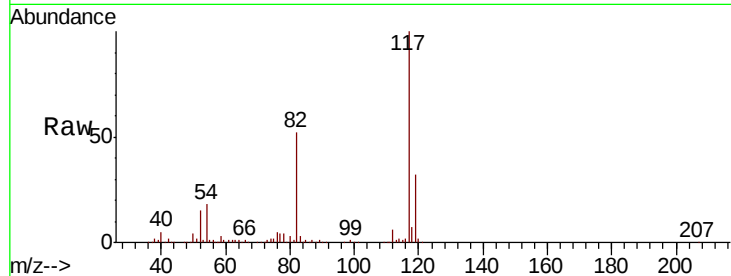




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

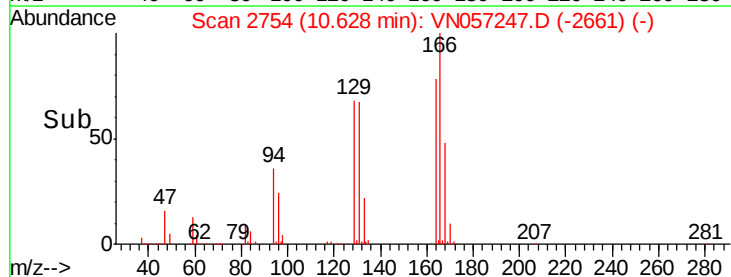
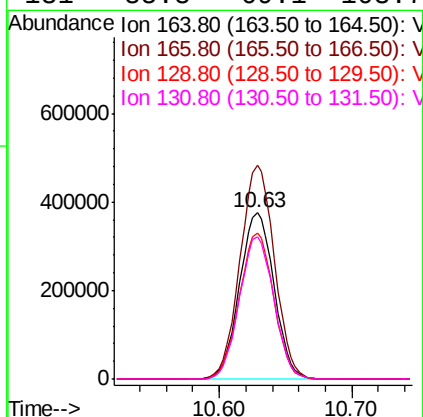
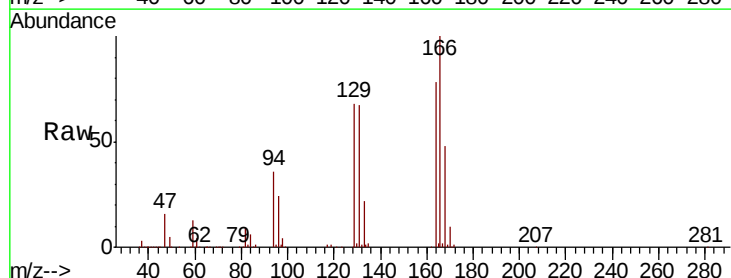
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

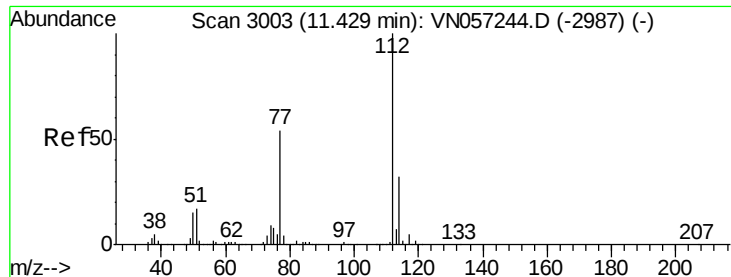
Tgt Ion:117 Resp: 1652949
Ion Ratio Lower Upper
117 100
82 52.0 40.9 61.3
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 46.580 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion:164 Resp: 680079
Ion Ratio Lower Upper
164 100
166 128.7 104.9 157.3
129 88.0 71.9 107.9
131 85.8 69.1 103.7

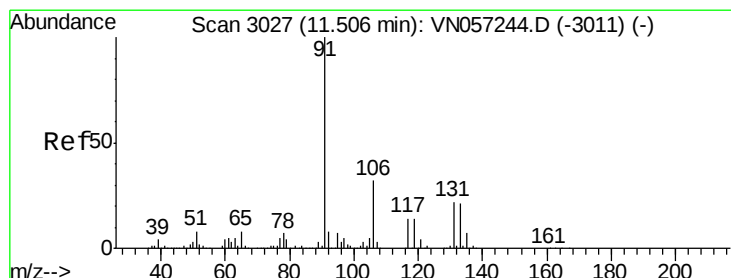
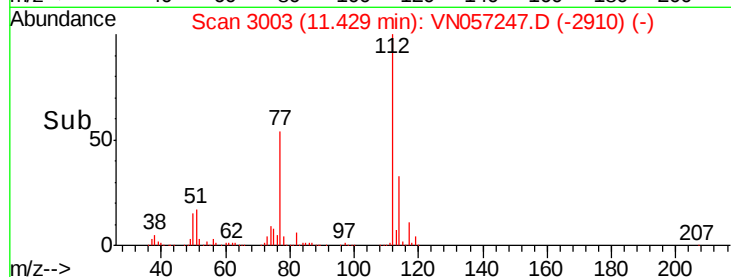
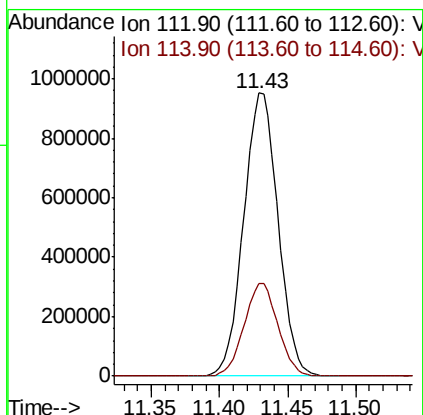
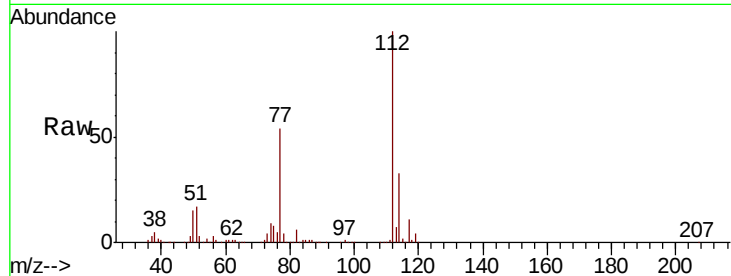




#65
Chlorobenzene
Concen: 49.122 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

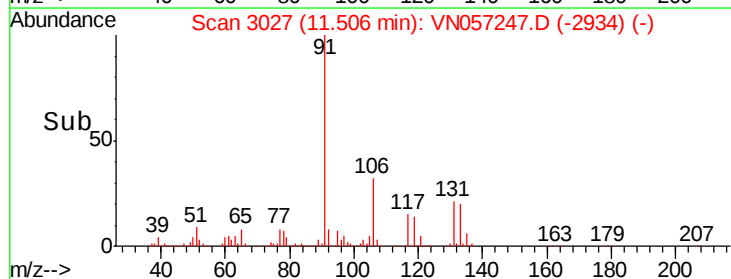
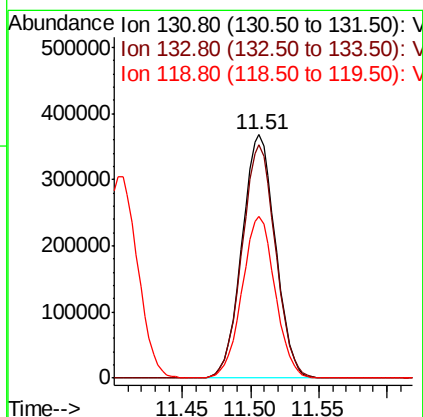
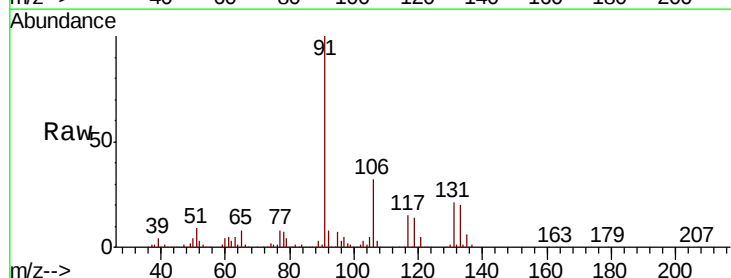
Instrument :
MSVOA_N
ClientSampled :
ICVVN081319

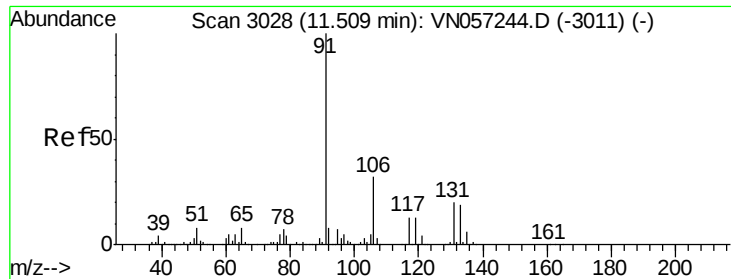
Tgt Ion:112 Resp: 1661515
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.958 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion:131 Resp: 626411
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.7
119 65.5 32.3 96.8

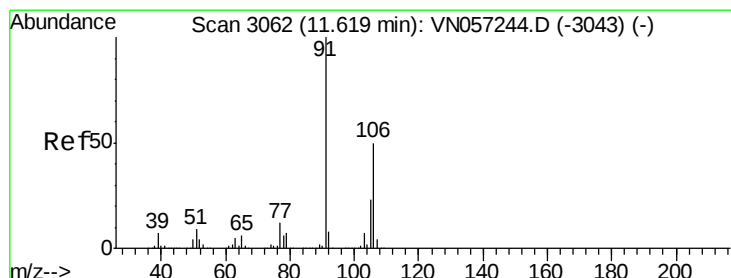
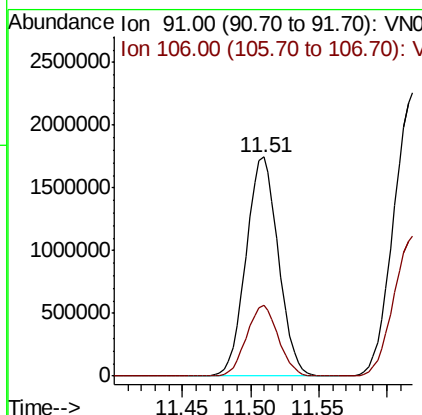
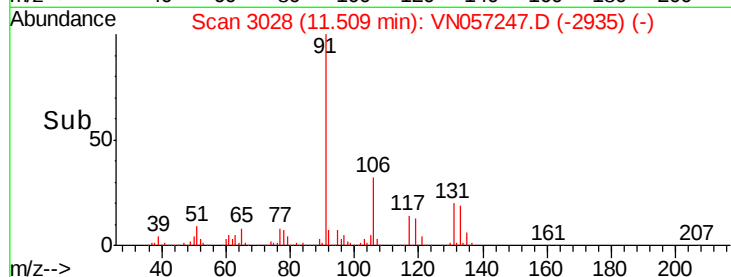
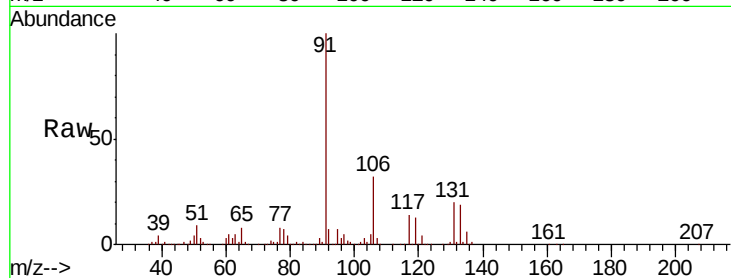




#67
Ethyl Benzene
Concen: 49.778 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

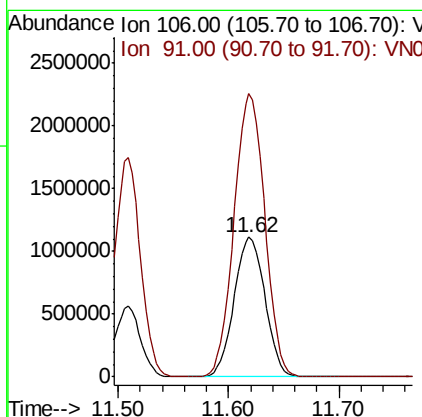
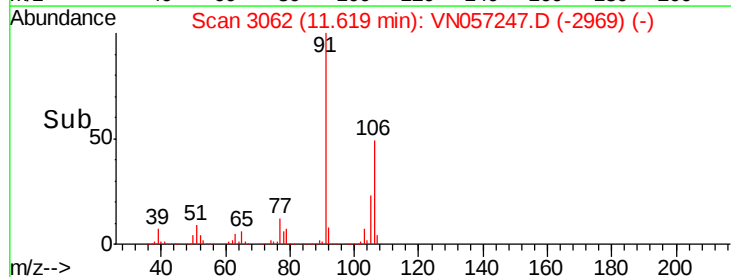
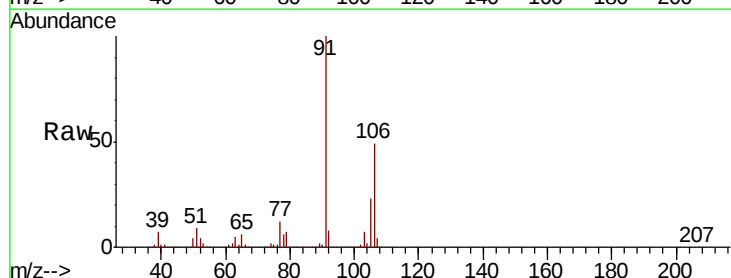
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

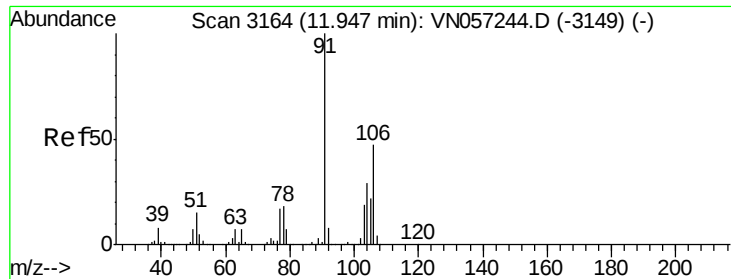
Tgt Ion: 91 Resp: 2874347
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 100.536 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 106 Resp: 2166001
Ion Ratio Lower Upper
106 100
91 201.3 161.4 242.0

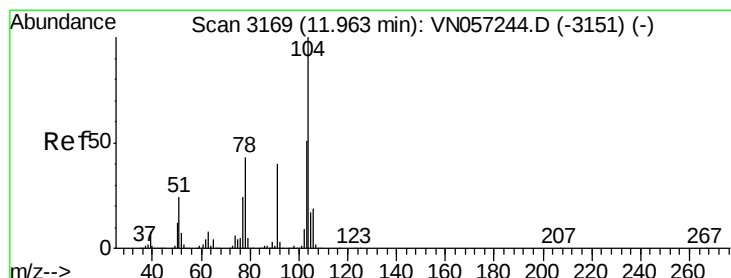
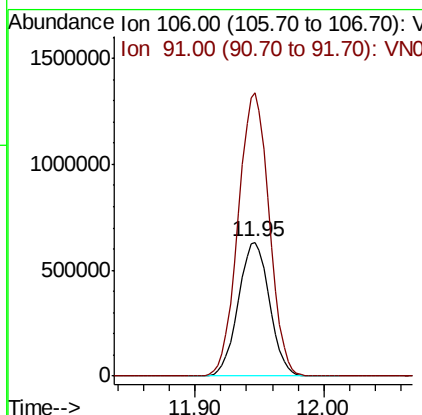
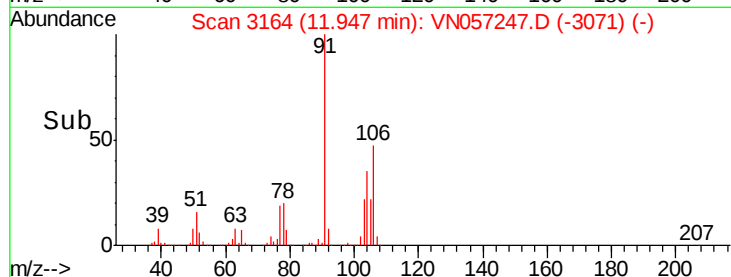
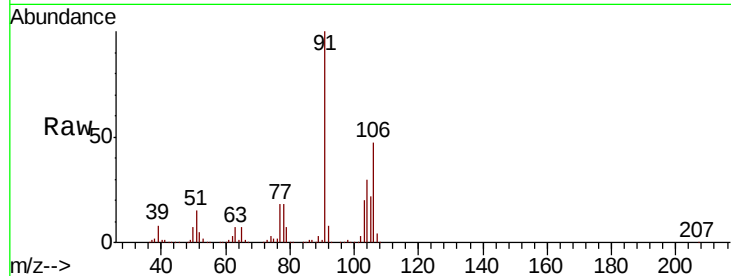




#69
o-Xylene
Concen: 50.354 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

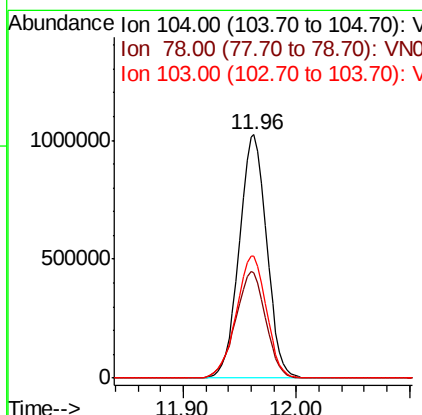
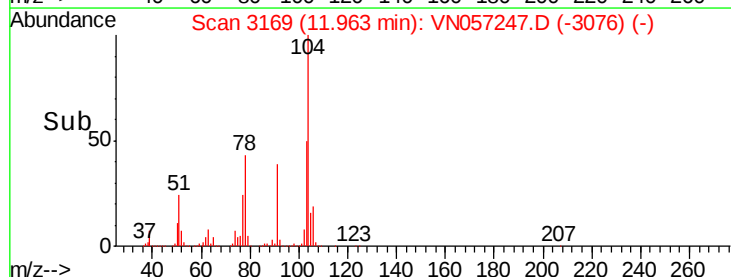
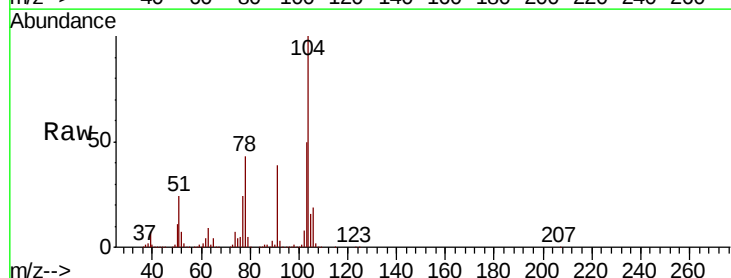
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

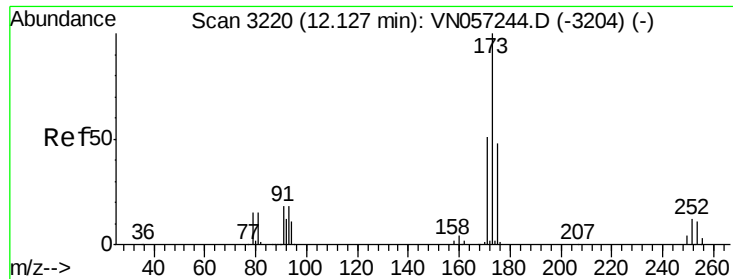
Tgt Ion:106 Resp: 1062188
Ion Ratio Lower Upper
106 100
91 210.3 106.5 319.4



#70
Styrene
Concen: 53.090 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion:104 Resp: 1733916
Ion Ratio Lower Upper
104 100
78 48.1 38.6 57.8
103 54.9 43.9 65.9

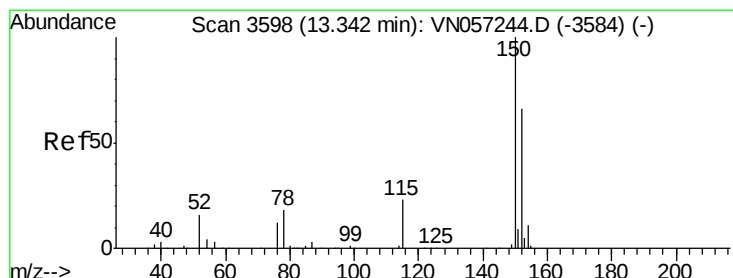
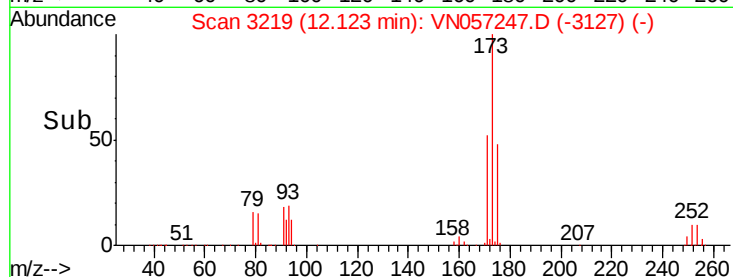
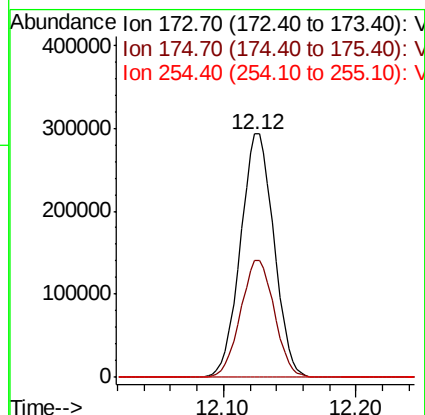
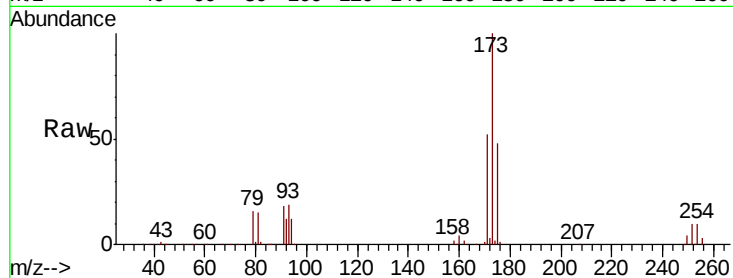




#71
Bromoform
Concen: 51.264 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

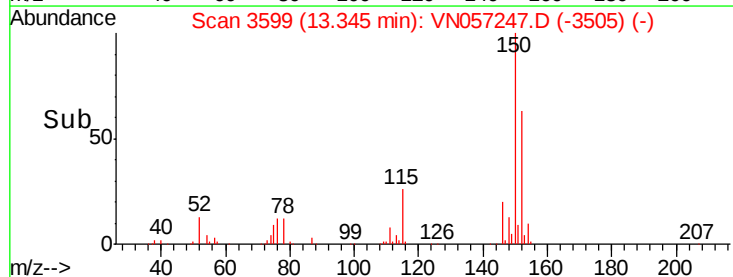
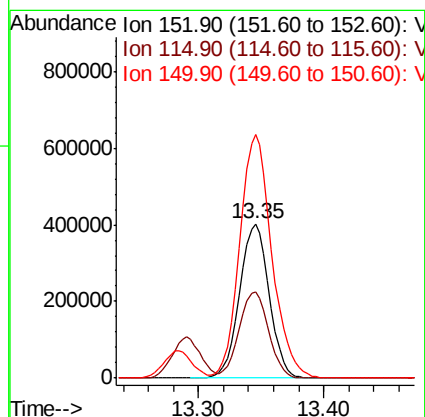
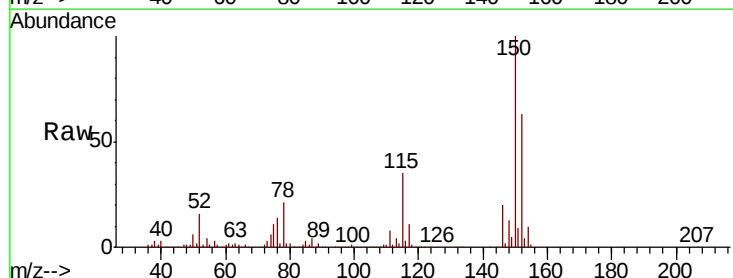
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081319

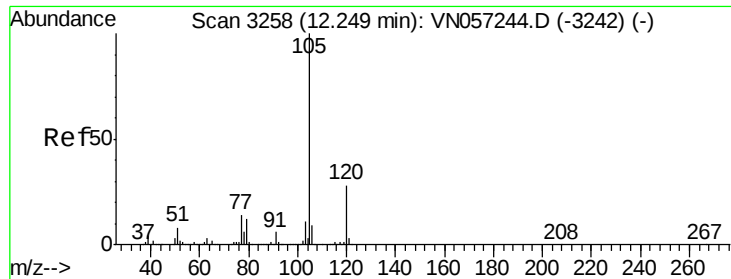
Tgt Ion:173 Resp: 513076
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.2
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion:152 Resp: 658088
Ion Ratio Lower Upper
152 100
115 55.5 27.6 82.8
150 171.5 0.0 348.4





#73

Isopropylbenzene

Concen: 56.208 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

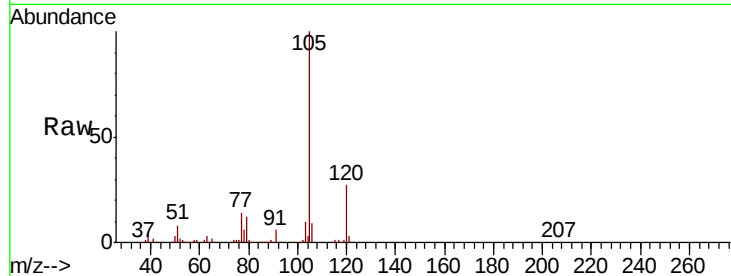
ICVFN081319

Tgt Ion:105 Resp: 2838306

Ion Ratio Lower Upper

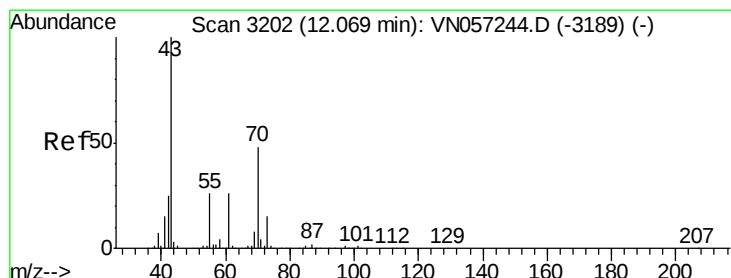
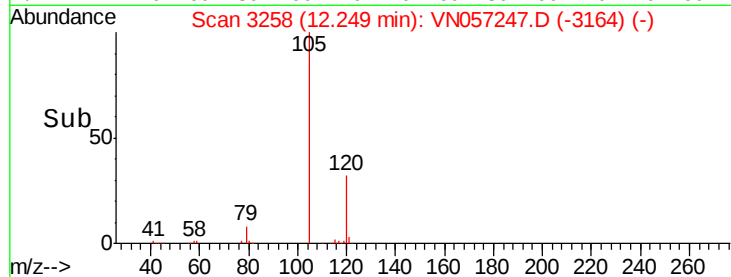
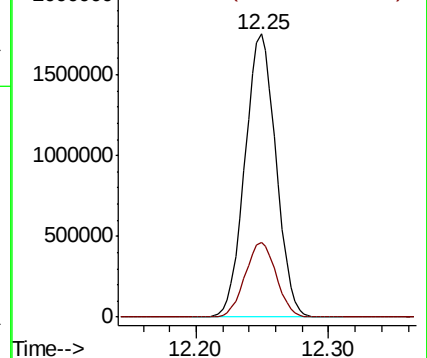
105 100

120 26.7 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.156 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Tgt Ion: 43 Resp: 836363

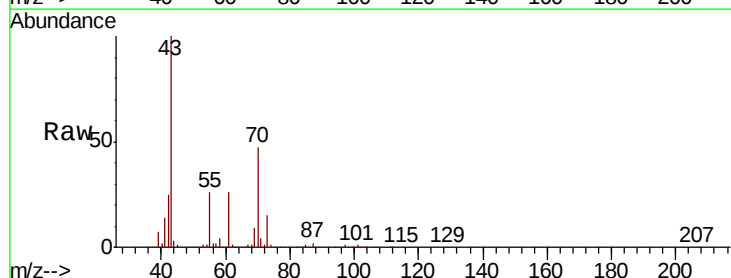
Ion Ratio Lower Upper

43 100

70 46.8 37.4 56.2

55 25.9 21.0 31.4

61 26.5 20.9 31.3

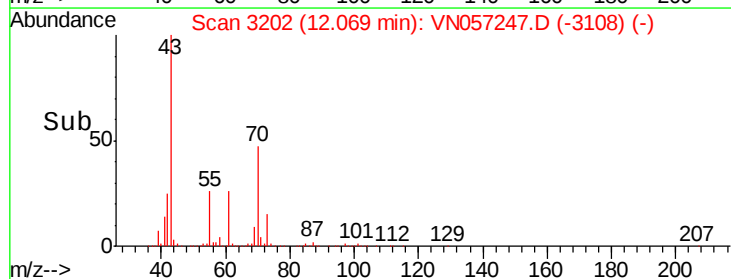
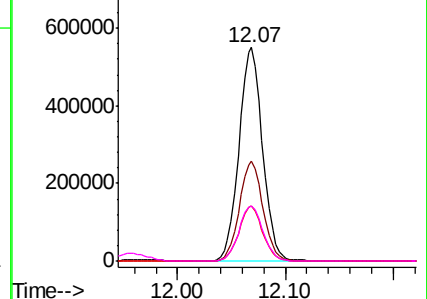


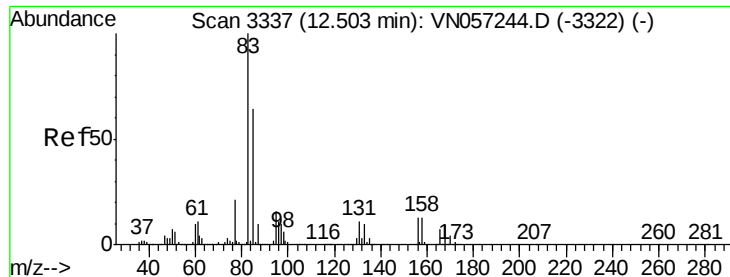
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 58.142 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

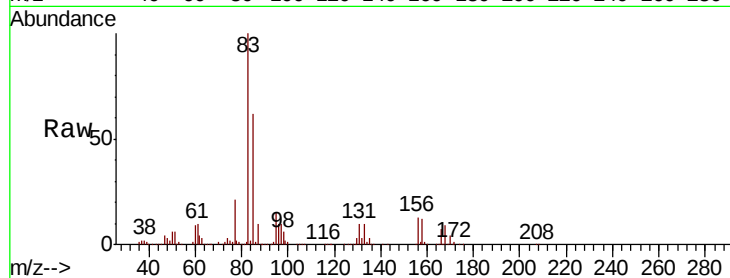
Tgt Ion: 83 Resp: 794713

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

85 62.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN057247.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN057247.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN057247.D (-3243) (-)

12.50

400000

300000

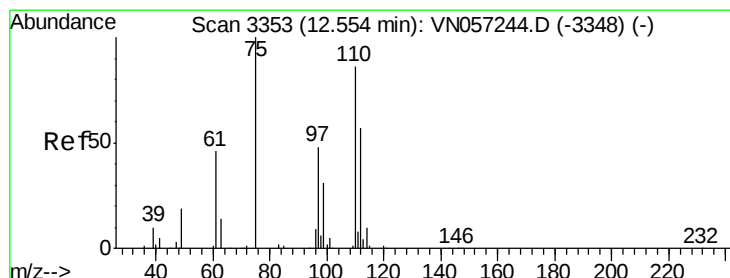
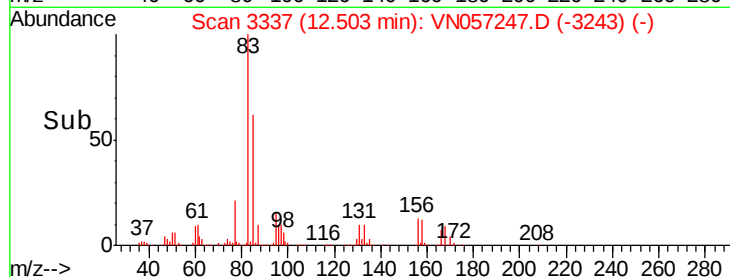
200000

100000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 86.568 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057247.D

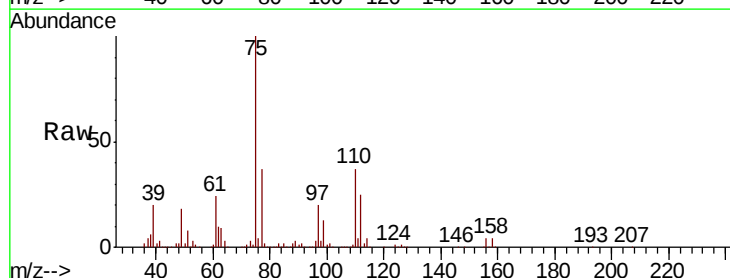
Acq: 13 Aug 2019 14:46

Tgt Ion: 75 Resp: 969015

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057247.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN057247.D (-3260) (-)

12.55

400000

300000

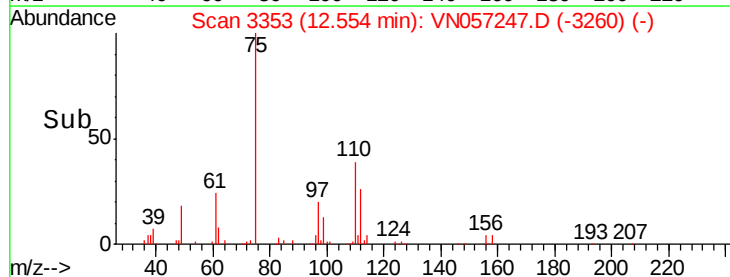
200000

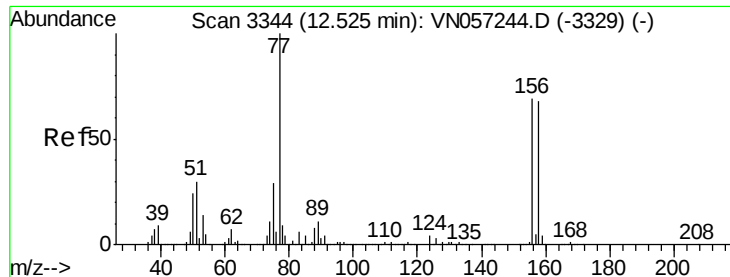
100000

0

12.40 12.50 12.60

Time-->





#77

Bromobenzene

Concen: 55.616 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

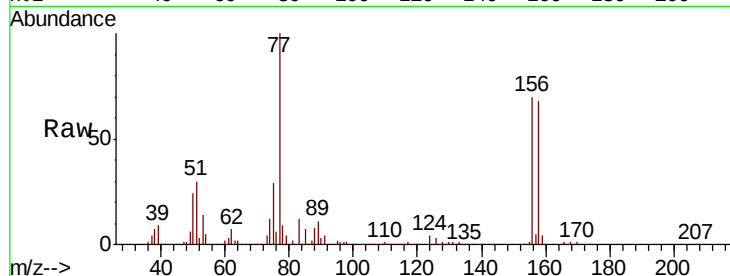
Tgt Ion:156 Resp: 758478

Ion Ratio Lower Upper

156 100

77 172.7 88.0 264.1

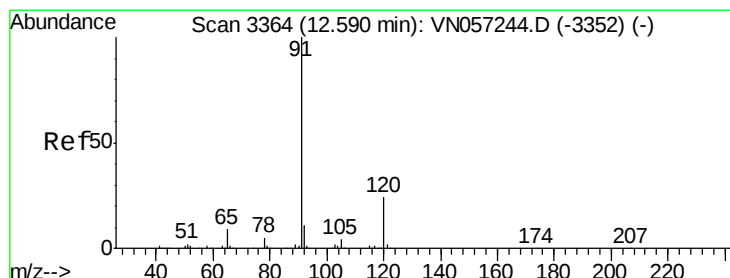
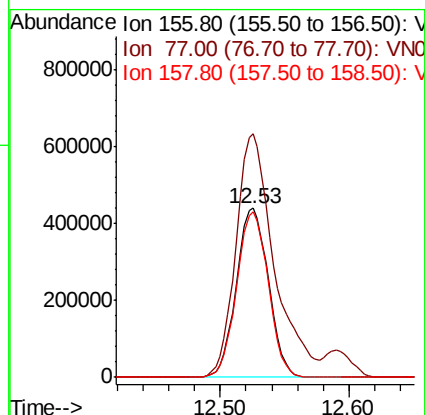
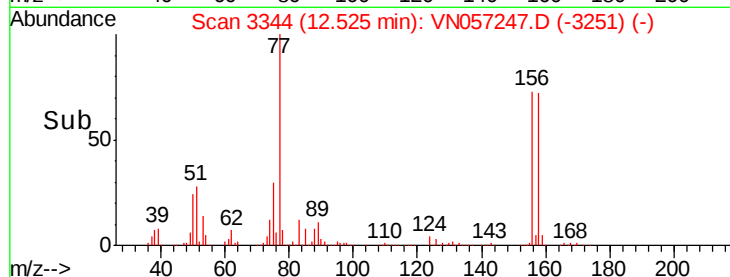
158 96.7 49.4 148.0



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: 53.944 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057247.D

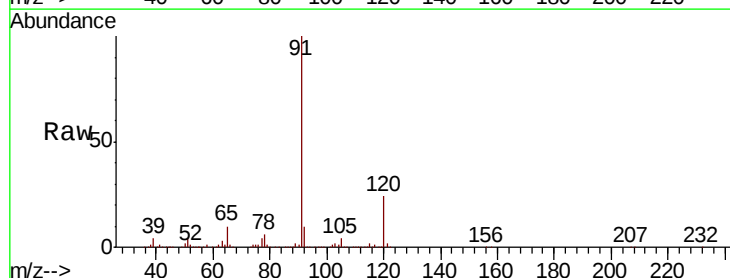
Acq: 13 Aug 2019 14:46

Tgt Ion: 91 Resp: 2978125

Ion Ratio Lower Upper

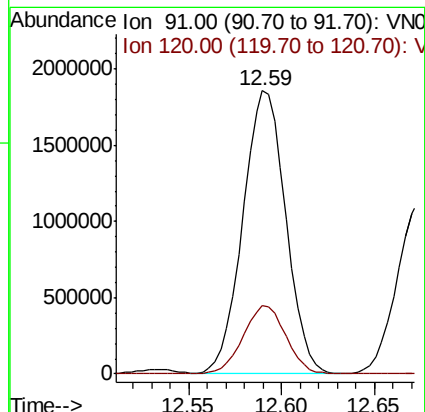
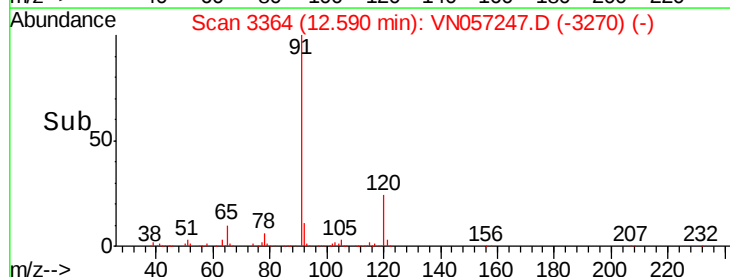
91 100

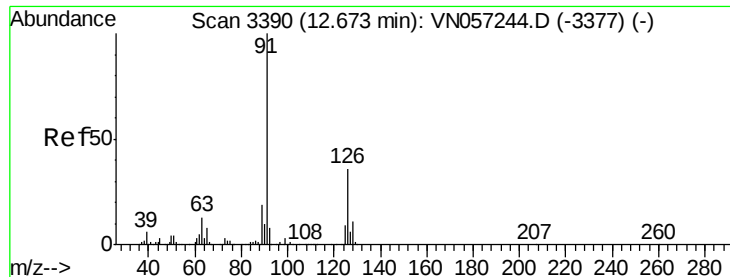
120 24.0 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.873 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

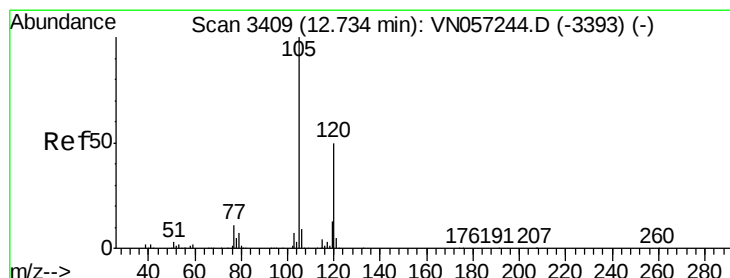
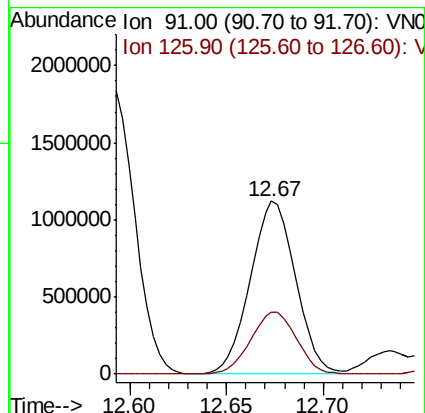
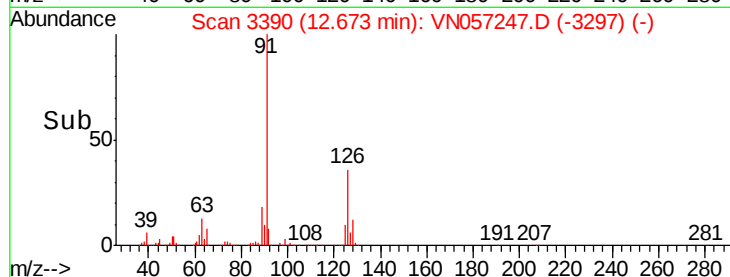
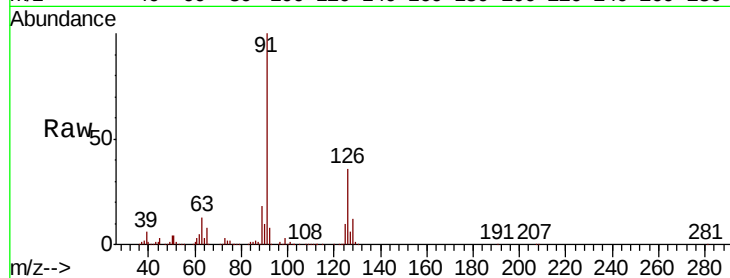
ICVFN081319

Tgt Ion: 91 Resp: 1822235

Ion Ratio Lower Upper

91 100

126 36.5 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 55.095 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057247.D

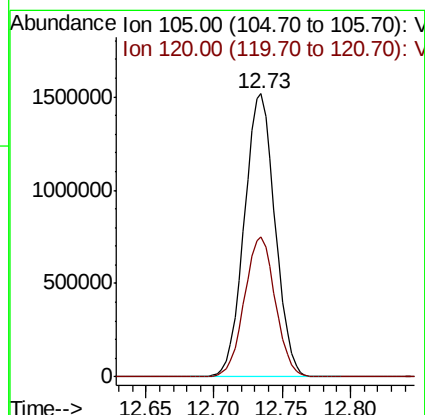
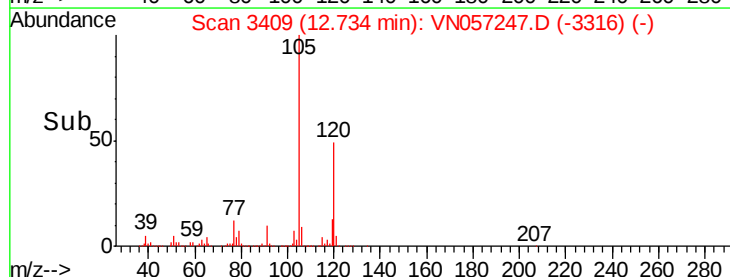
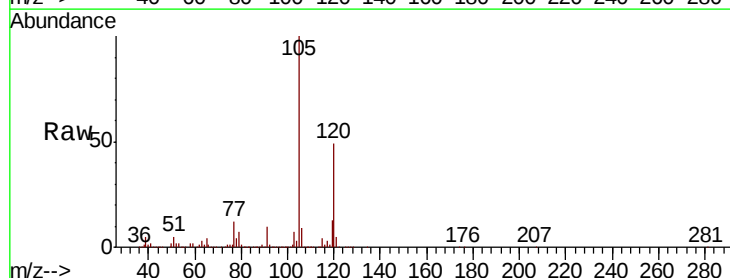
Acq: 13 Aug 2019 14:46

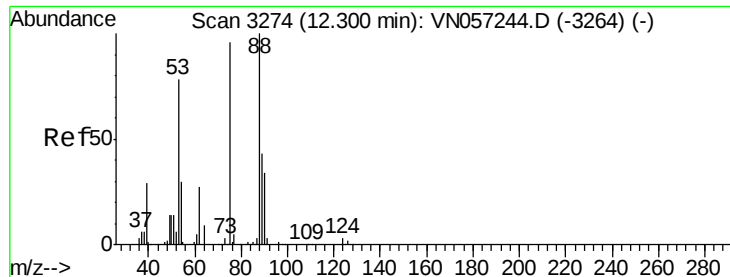
Tgt Ion: 105 Resp: 2363416

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.048 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

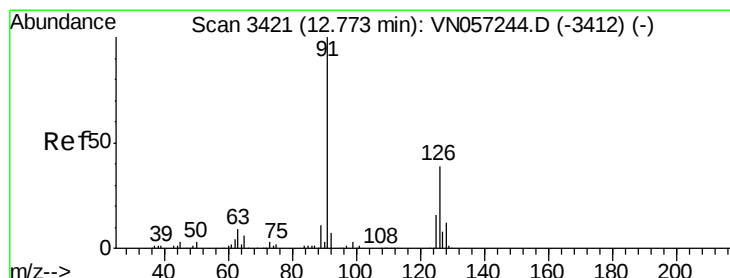
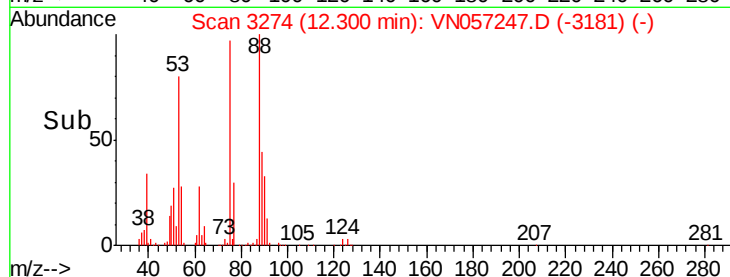
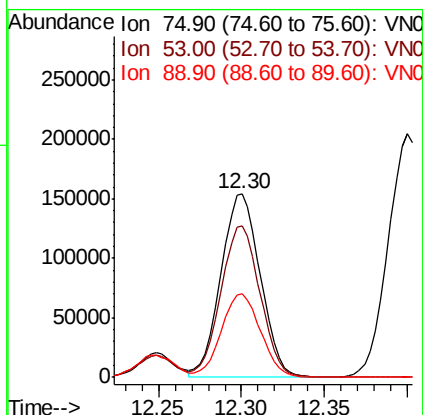
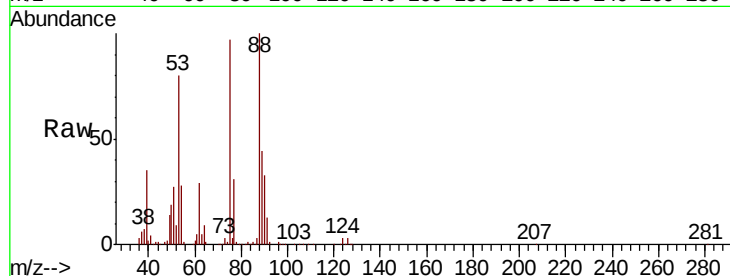
Tgt Ion: 75 Resp: 255008

Ion Ratio Lower Upper

75 100

53 82.7 65.8 98.6

89 45.1 36.7 55.1



#82

4-Chlorotoluene

Concen: 48.245 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057247.D

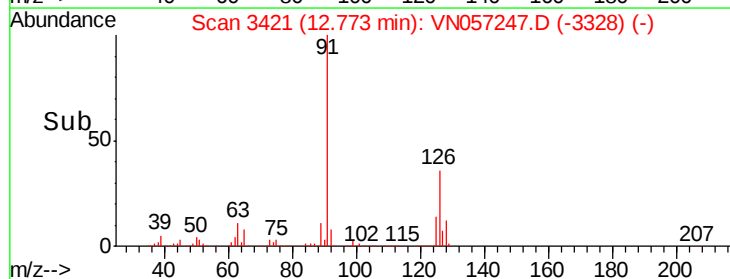
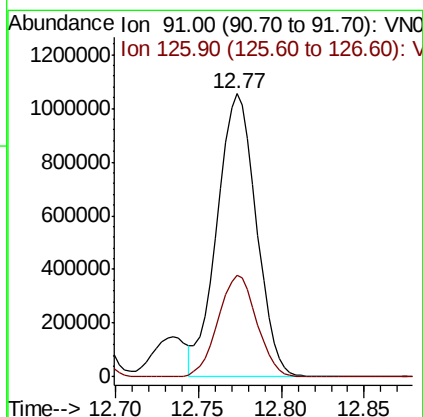
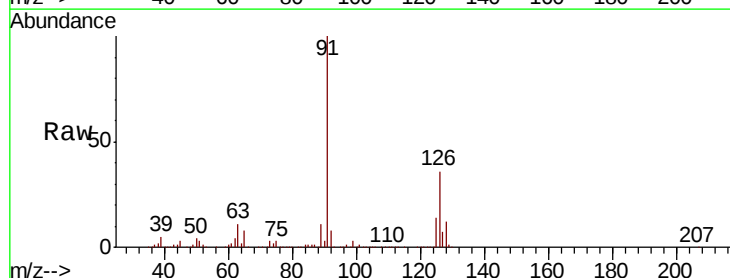
Acq: 13 Aug 2019 14:46

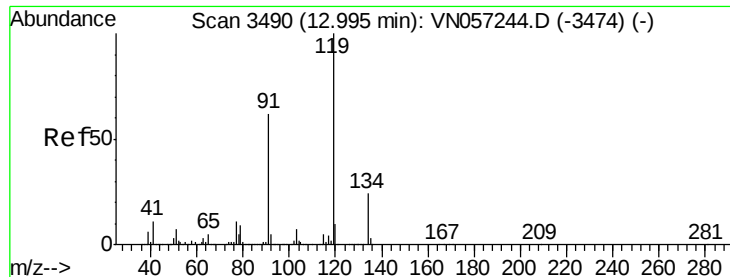
Tgt Ion: 91 Resp: 1731546

Ion Ratio Lower Upper

91 100

126 35.4 17.9 53.7

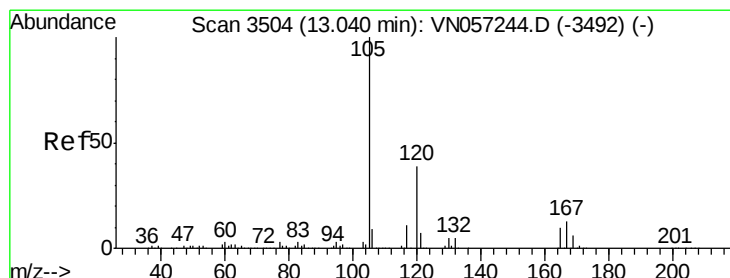
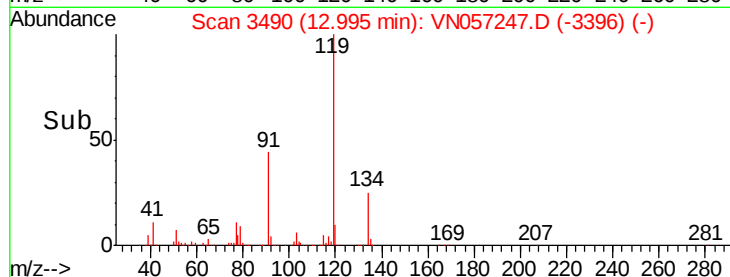
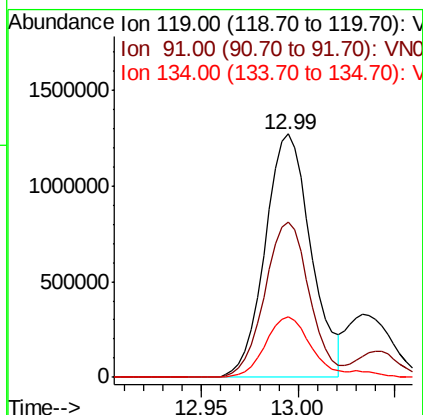
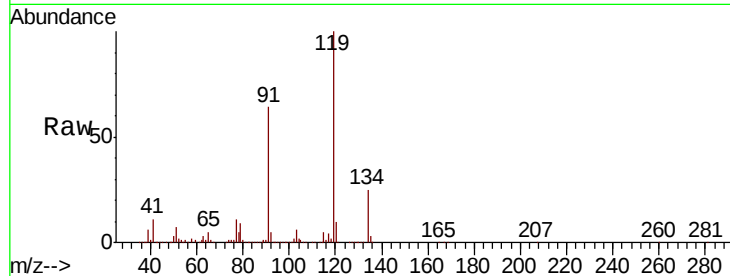




#83
 tert-Butylbenzene
 Concen: 55.717 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

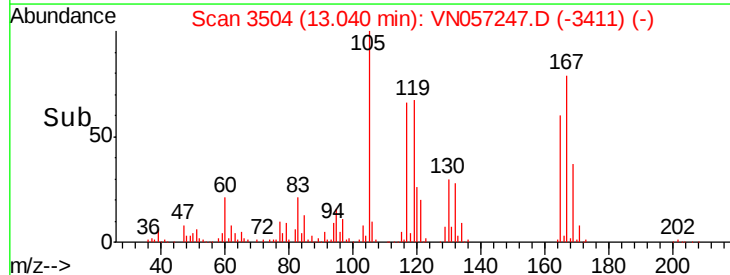
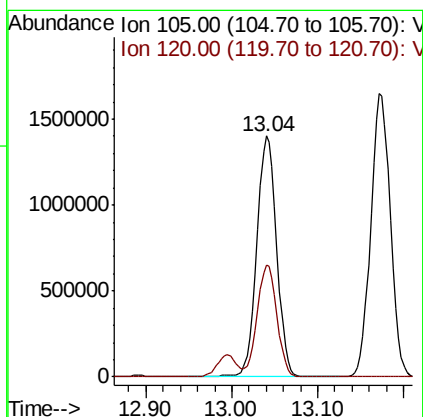
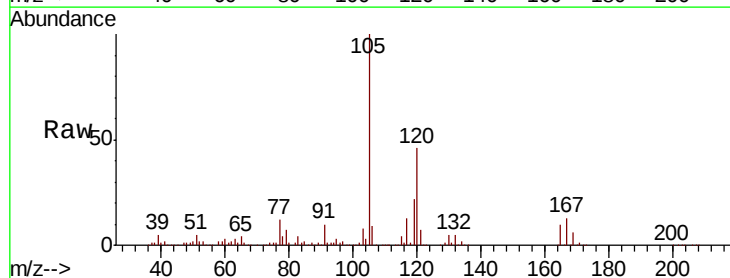
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

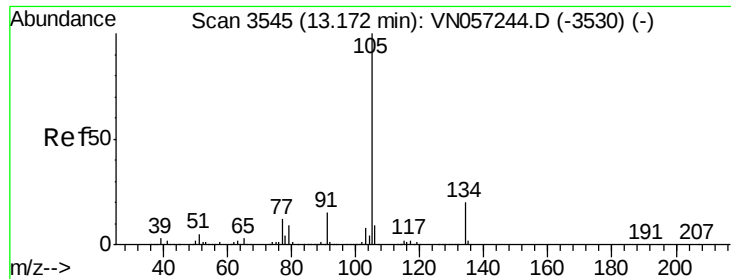
Tgt Ion:119 Resp: 2111436
 Ion Ratio Lower Upper
 119 100
 91 62.3 30.8 92.3
 134 26.1 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 48.619 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion:105 Resp: 2253110
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5

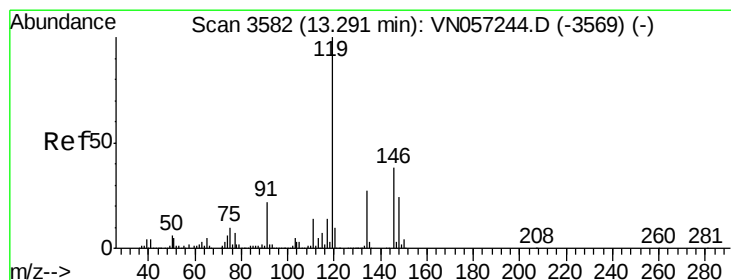
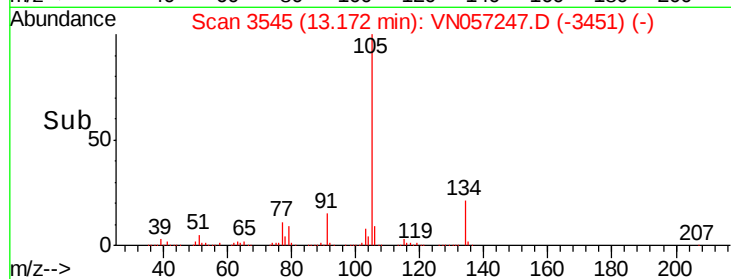
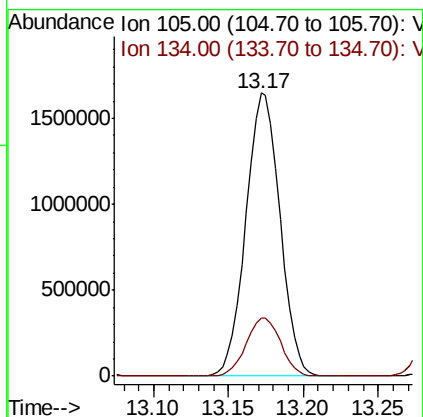
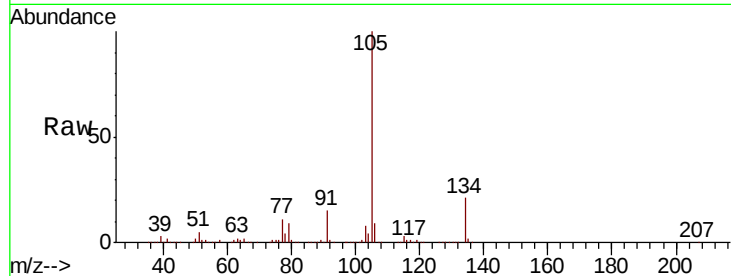




#85
 sec-Butylbenzene
 Concen: 53.953 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

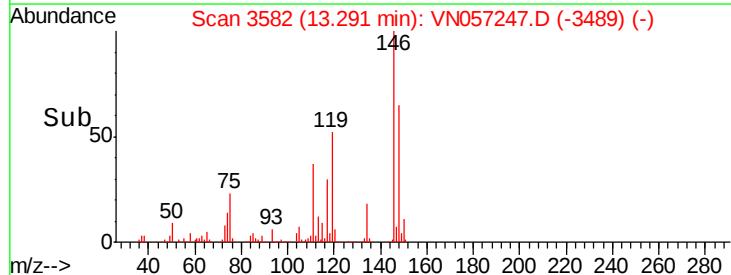
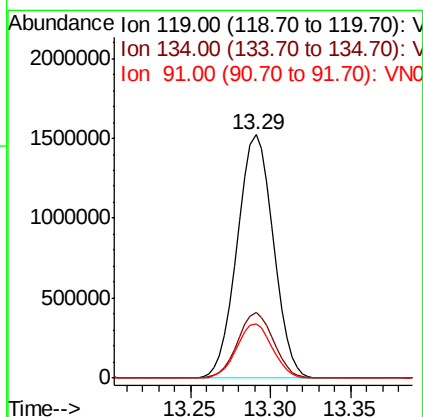
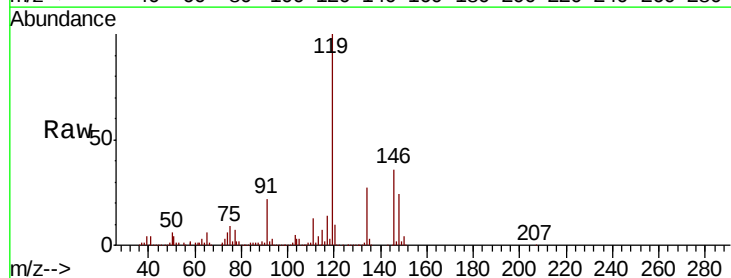
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

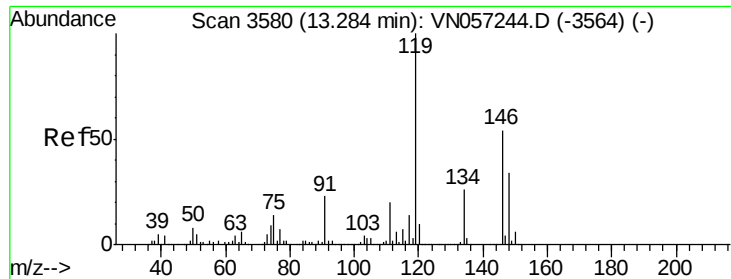
Tgt Ion:105 Resp: 2611306
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.226 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion:119 Resp: 2333773
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 21.9 11.1 33.3

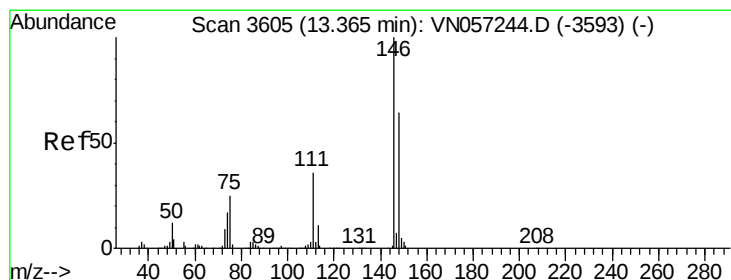
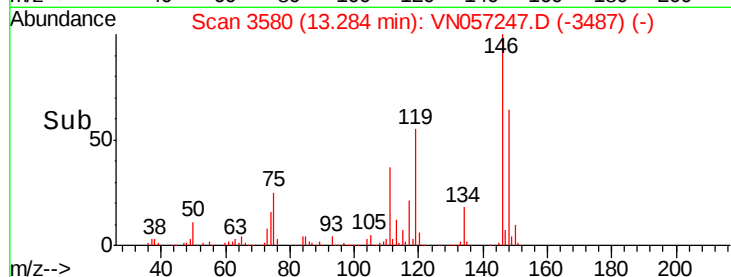
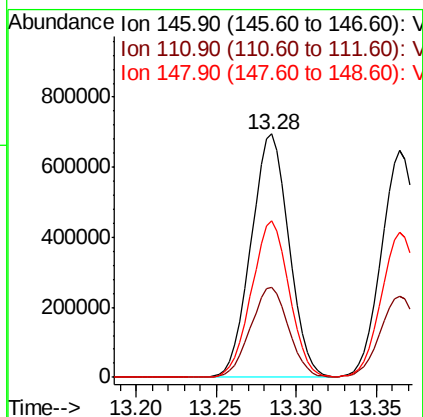
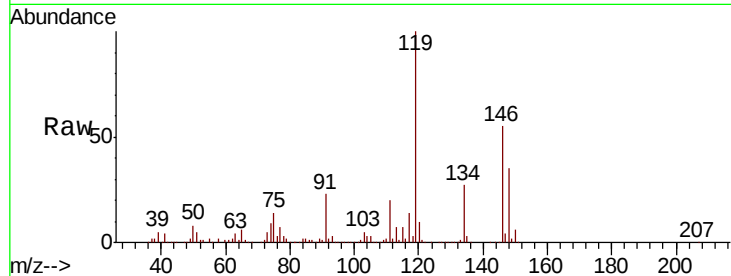




#87
 1,3-Dichlorobenzene
 Concen: 49.541 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

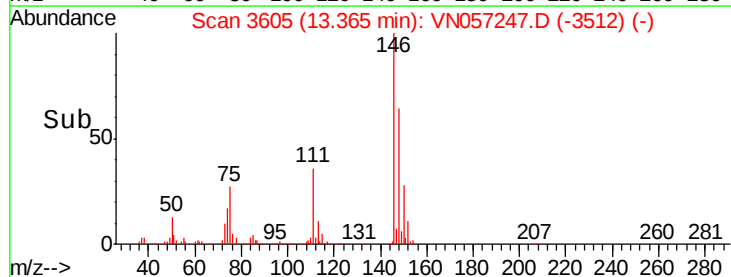
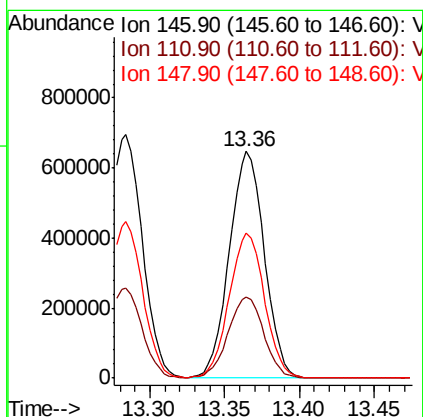
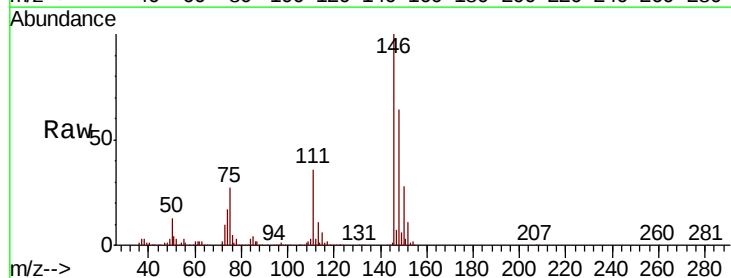
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

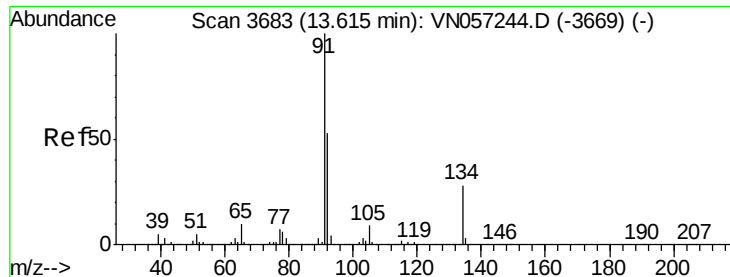
Tgt Ion:146 Resp: 1129434
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.4
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 47.538 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion:146 Resp: 1054119
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.3 54.8
 148 64.4 32.0 96.0

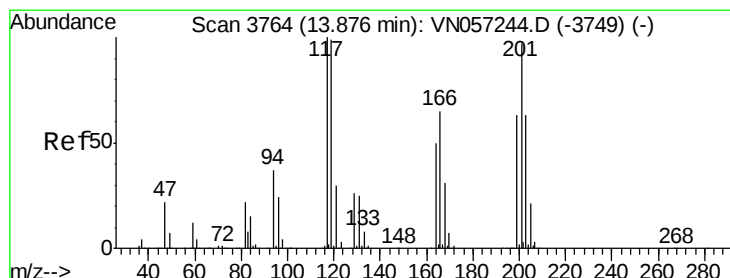
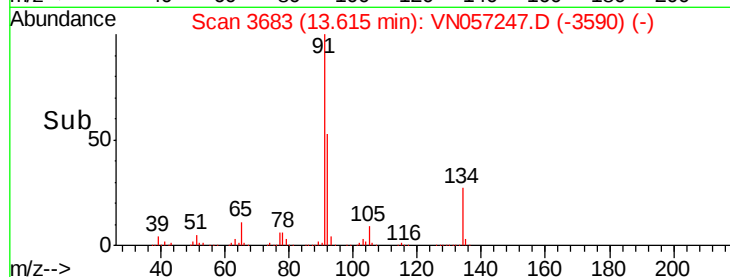
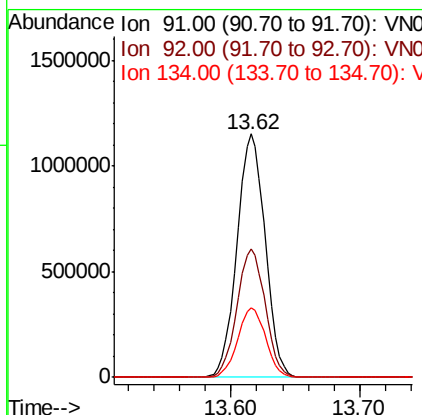
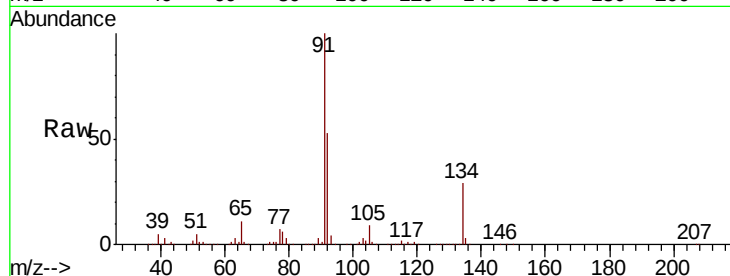




#89
n-Butylbenzene
Concen: 51.471 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

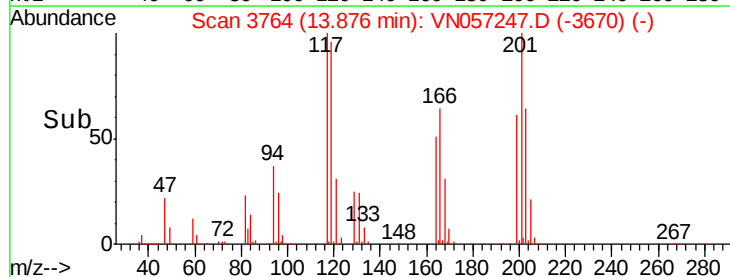
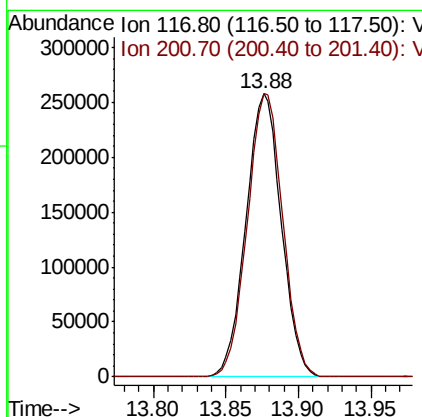
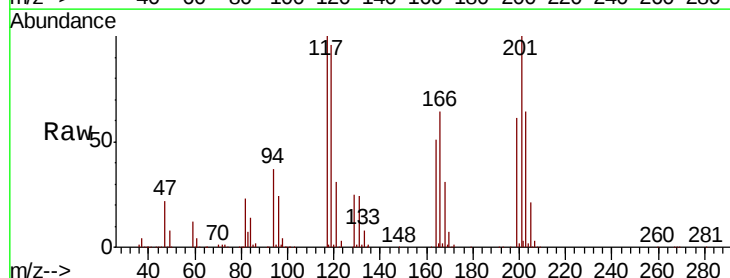
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MSVOA_N
ClientSampleId :
ICVVN081319

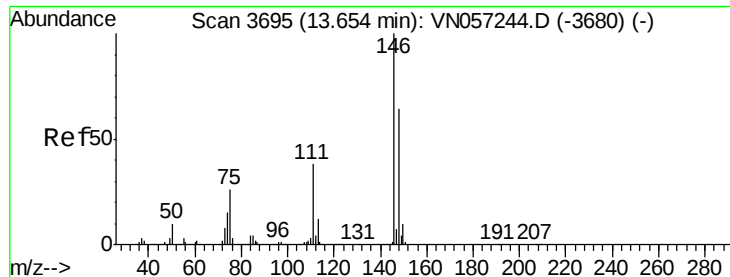
Tgt Ion: 91 Resp: 1747085
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.4 14.1 42.3



#90
Hexachloroethane
Concen: 54.378 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN057247.D
Acq: 13 Aug 2019 14:46

Tgt Ion: 117 Resp: 437340
Ion Ratio Lower Upper
117 100
201 100.2 49.5 148.5

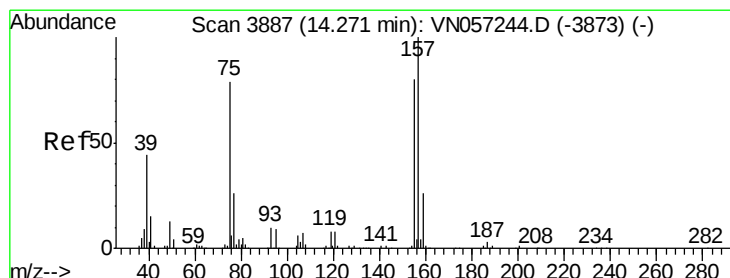
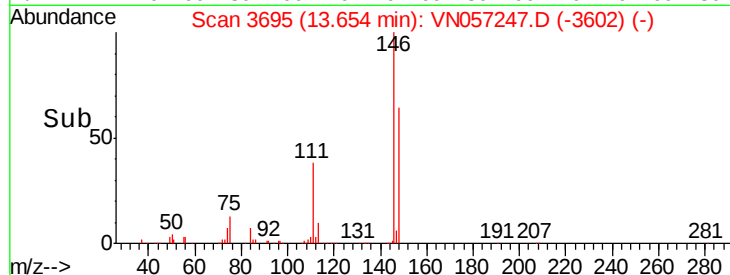
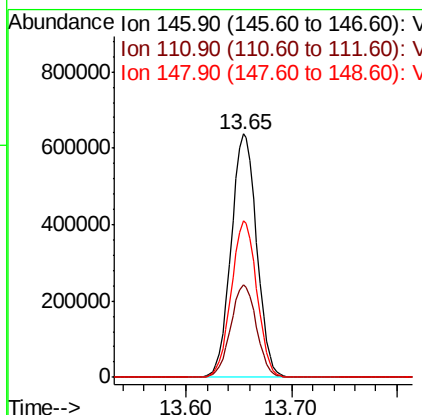
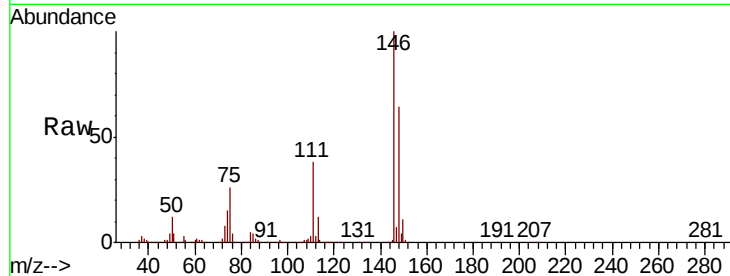




#91
 1,2-Dichlorobenzene
 Concen: 47.970 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

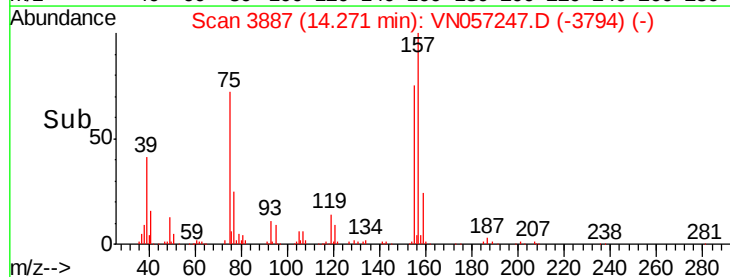
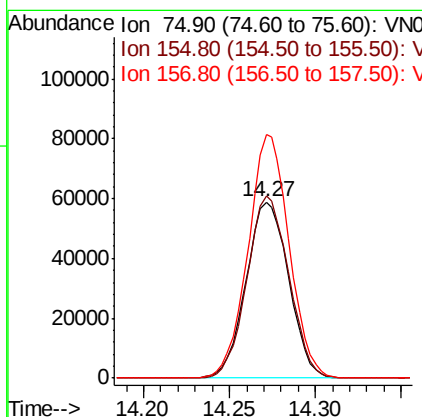
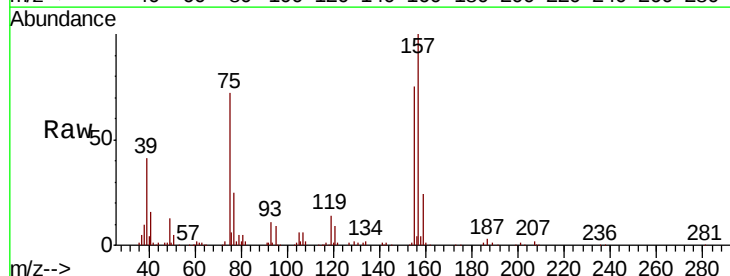
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

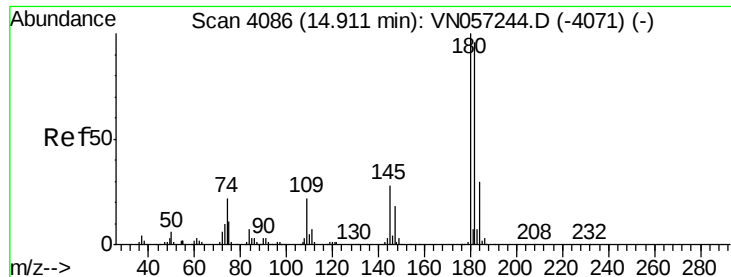
Tgt Ion:146 Resp: 1066265
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 64.4 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.959 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion: 75 Resp: 101029
 Ion Ratio Lower Upper
 75 100
 155 101.5 50.3 151.0
 157 133.3 65.3 195.9

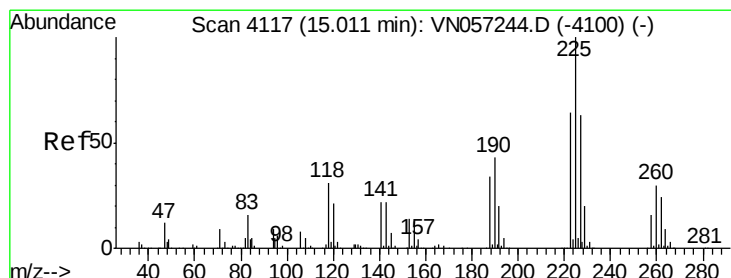
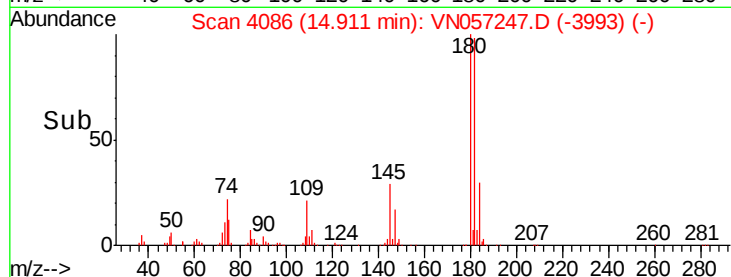
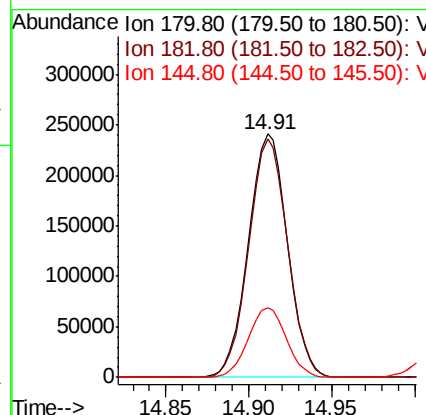
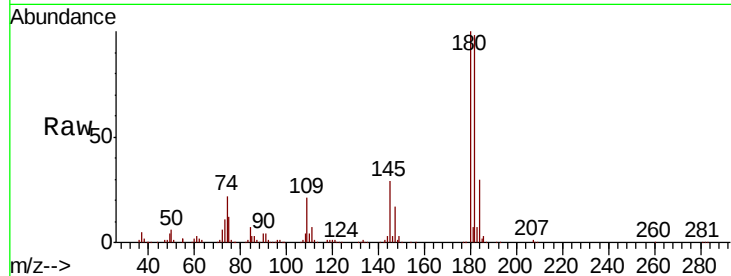




#93
 1,2,4-Trichlorobenzene
 Concen: 45.957 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

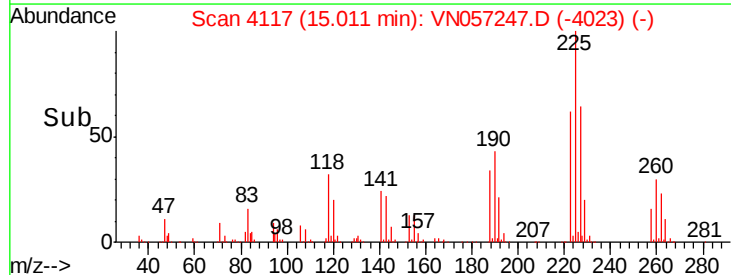
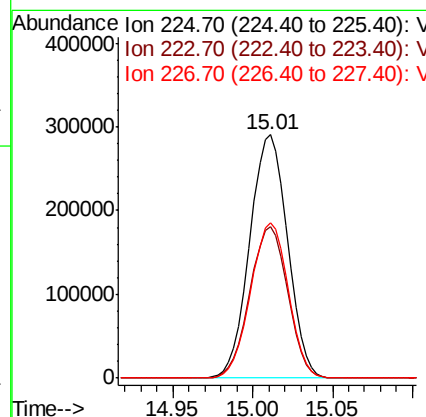
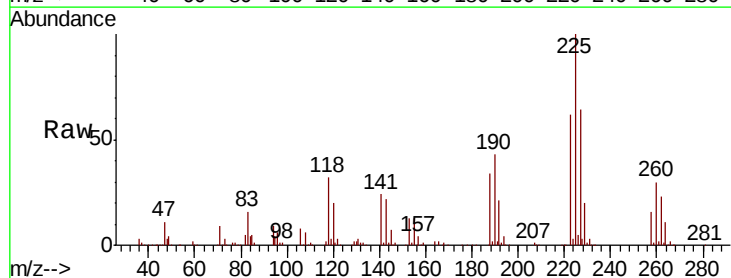
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081319

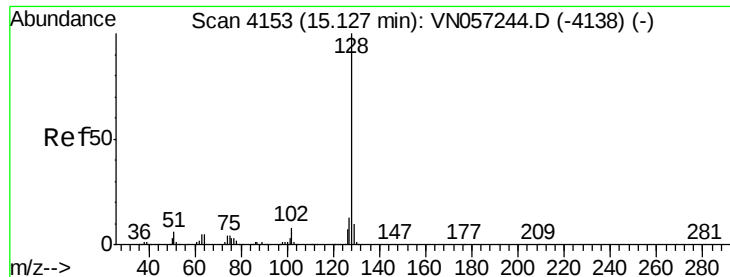
Tgt Ion:180 Resp: 395667
 Ion Ratio Lower Upper
 180 100
 182 97.5 47.7 143.1
 145 28.1 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 55.789 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057247.D
 Acq: 13 Aug 2019 14:46

Tgt Ion:225 Resp: 468831
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.4 94.2
 227 63.8 31.4 94.3





#95

Naphthalene

Concen: 51.288 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081319

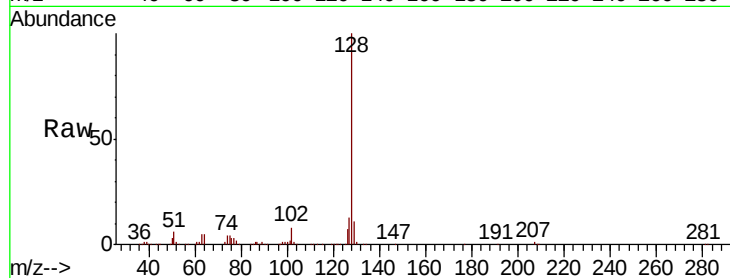
Tgt Ion:128 Resp: 709897

Ion Ratio Lower Upper

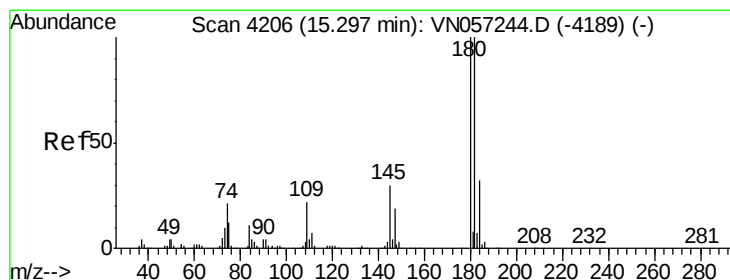
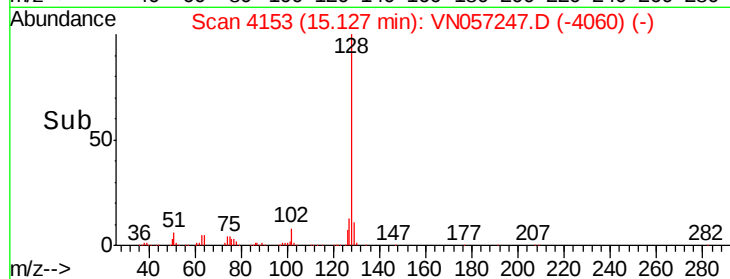
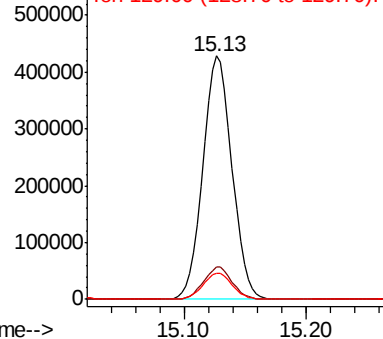
128 100

127 13.1 10.4 15.6

129 11.0 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: 46.313 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN057247.D

Acq: 13 Aug 2019 14:46

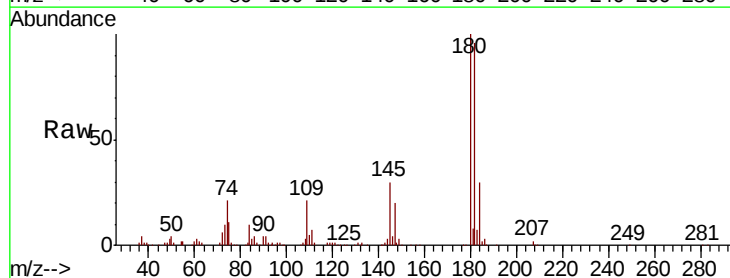
Tgt Ion:180 Resp: 357725

Ion Ratio Lower Upper

180 100

182 95.4 48.9 146.7

145 29.3 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

