

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058405.D
 Acq On : 27 Sep 2019 13:55
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

Quant Time: Sep 28 00:02:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	536010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	892889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	806183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	375059	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.57	113	273044	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.08	98	1076285	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.41	95	399717	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	296708	62.813	ug/l	99
3) Chloromethane	2.03	50	326583	71.029	ug/l	99
4) Vinyl Chloride	2.17	62	313997	66.792	ug/l	100
5) Bromomethane	2.55	94	167716	69.873	ug/l	99
6) Chloroethane	2.69	64	178547	58.619	ug/l	96
7) Trichlorofluoromethane	3.00	101	370427	57.763	ug/l	99
8) Diethyl Ether	3.39	74	166738	57.875	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	256599	56.333	ug/l	100
10) Methyl Iodide	3.93	142	300434	72.417	ug/l	99
11) Tert butyl alcohol	4.75	59	226753	255.810	ug/l	98
12) 1,1-Dichloroethene	3.72	96	249437	62.375	ug/l	97
13) Acrolein	3.59	56	81778	525.880	ug/l	98
14) Allyl chloride	4.30	41	467279	61.877	ug/l	99
15) Acrylonitrile	4.96	53	666749	276.953	ug/l	100
16) Acetone	3.79	43	757513	291.681	ug/l	99
17) Carbon Disulfide	4.03	76	702892	97.343	ug/l	98
18) Methyl Acetate	4.30	43	320487	47.737	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	899827	53.752	ug/l	100
20) Methylene Chloride	4.53	84	292029	56.149	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	274592	63.308	ug/l	98
22) Diisopropyl ether	5.93	45	980078	53.209	ug/l	98
23) Vinyl Acetate	5.87	43	4139751	319.648	ug/l	99
24) 1,1-Dichloroethane	5.82	63	554472	55.481	ug/l	99
25) 2-Butanone	6.81	43	999677	284.855	ug/l	99
26) 2,2-Dichloropropane	6.80	77	472554	55.902	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	325099	57.180	ug/l	100
28) Bromochloromethane	7.18	49	217490	47.938	ug/l	99
29) Tetrahydrofuran	7.19	42	607276	278.033	ug/l	99
30) Chloroform	7.35	83	552211	51.981	ug/l	99
31) Cyclohexane	7.64	56	517236	64.520	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	475888	58.094	ug/l	99
36) 1,1-Dichloropropene	7.78	75	427193	61.913	ug/l	100
37) Ethyl Acetate	6.91	43	397256	58.063	ug/l	100
38) Carbon Tetrachloride	7.76	117	402479	59.390	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	514400	69.012	ug/l	98
40) Benzene	8.02	78	1219191	58.911	ug/l	100
41) Methacrylonitrile	7.15	41	166503	51.514	ug/l	96
42) 1,2-Dichloroethane	8.11	62	469098	55.045	ug/l	100
43) Isopropyl Acetate	8.15	43	683873	53.816	ug/l	99
44) Trichloroethene	8.82	130	306638	60.432	ug/l	98
45) 1,2-Dichloropropane	9.11	63	329369	54.685	ug/l	99
46) Dibromomethane	9.20	93	209188	56.662	ug/l	99
47) Bromodichloromethane	9.39	83	424397	55.851	ug/l	99
48) Methyl methacrylate	9.19	41	326980	56.745	ug/l	100
49) 1,4-Dioxane	9.19	88	78406	857.627	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1971809	295.361	ug/l	100
52) Toluene	10.15	92	768360	59.664	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	484919	61.423	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	523849	59.938	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	290245	52.554	ug/l	98
56) Ethyl methacrylate	10.43	69	479958	59.817	ug/l	98
57) 1,3-Dichloropropane	10.71	76	519663	54.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	938790	255.630	ug/l	100
59) 2-Hexanone	10.75	43	1494347	302.138	ug/l	100
60) Dibromochloromethane	10.90	129	305035	57.379	ug/l	98
61) 1,2-Dibromoethane	11.00	107	304958	58.392	ug/l	99
64) Tetrachloroethene	10.63	164	251159	60.174	ug/l	97
65) Chlorobenzene	11.43	112	804299	55.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	286569	54.935	ug/l	100
67) Ethyl Benzene	11.51	91	1503123	59.545	ug/l	100
68) m/p-Xylenes	11.62	106	1110947	116.698	ug/l	98
69) o-Xylene	11.95	106	538865	57.867	ug/l	99
70) Styrene	11.97	104	918893	57.899	ug/l	99
71) Bromoform	12.13	173	195755	59.605	ug/l	100
73) Isopropylbenzene	12.25	105	1460157	57.271	ug/l	100
74) N-amyl acetate	12.07	43	623119	59.116	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	434880	52.268	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	558808	78.137	ug/l #	100
77) Bromobenzene	12.53	156	336289	52.900	ug/l	99
78) n-propylbenzene	12.60	91	1722624	59.418	ug/l	100
79) 2-Chlorotoluene	12.68	91	1016100	56.389	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1253079	58.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	131909	59.965	ug/l	98
82) 4-Chlorotoluene	12.78	91	1055915	56.039	ug/l	100
83) tert-Butylbenzene	13.00	119	1054323	55.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1266768	59.203	ug/l	100
85) sec-Butylbenzene	13.18	105	1427914	57.535	ug/l	100
86) p-Isopropyltoluene	13.30	119	1296245	58.879	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	622499	53.997	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	622802	53.071	ug/l	100
89) n-Butylbenzene	13.62	91	1190750	57.848	ug/l	99
90) Hexachloroethane	13.88	117	205539	60.304	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	605505	52.809	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	86459	57.838	ug/l	96

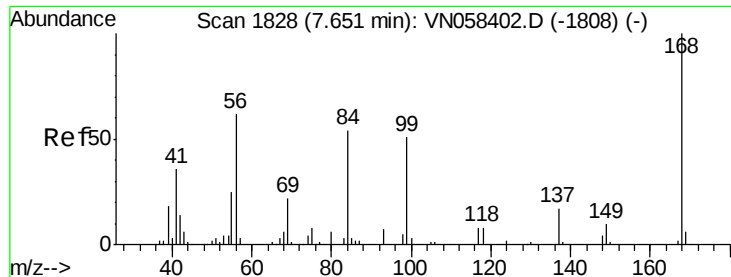
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	377823	52.378	ug/l	100
94) Hexachlorobutadiene	15.02	225	174670	50.011	ug/l	99
95) Naphthalene	15.13	128	1061312	56.903	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	356882	52.676	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

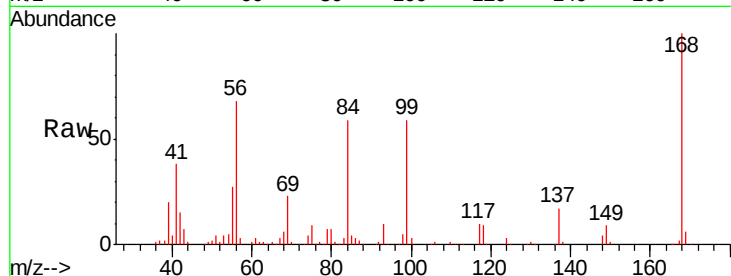
ICVVN092719

Tgt Ion:168 Resp: 536010

Ion Ratio Lower Upper

168 100

99 58.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

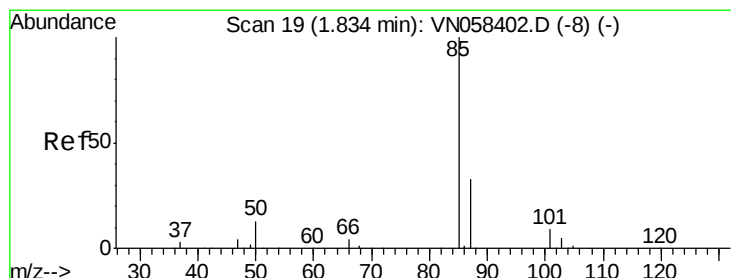
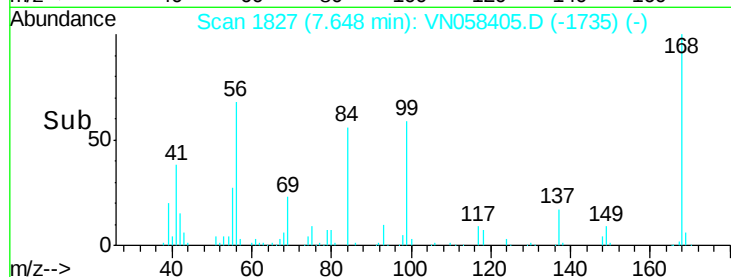
0

7.60

7.65

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 62.813 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN058405.D

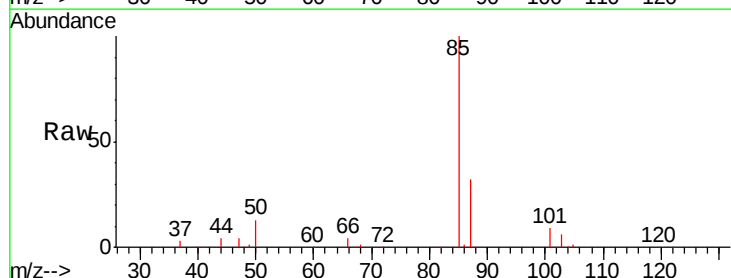
Acq: 27 Sep 2019 13:55

Tgt Ion: 85 Resp: 296708

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

250000

200000

150000

100000

50000

0

1.75

1.80

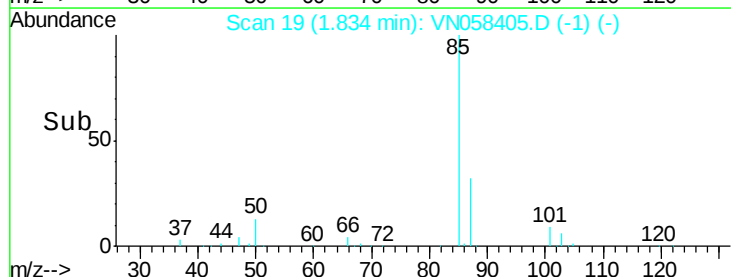
1.83

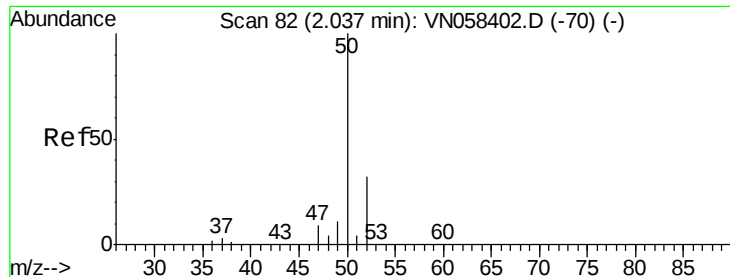
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 71.029 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

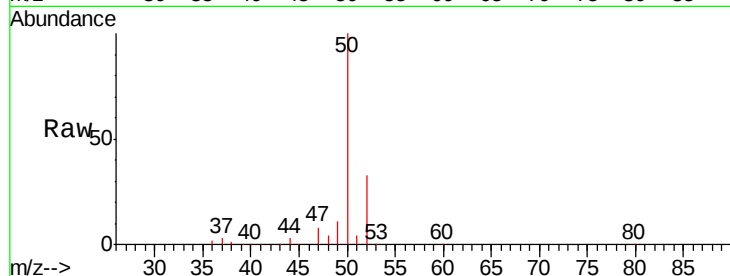
ICVFN092719

Tgt Ion: 50 Resp: 326583

Ion Ratio Lower Upper

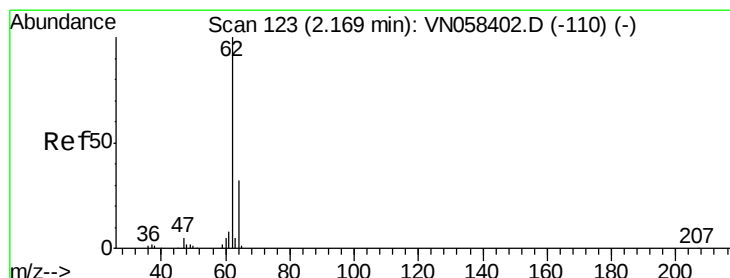
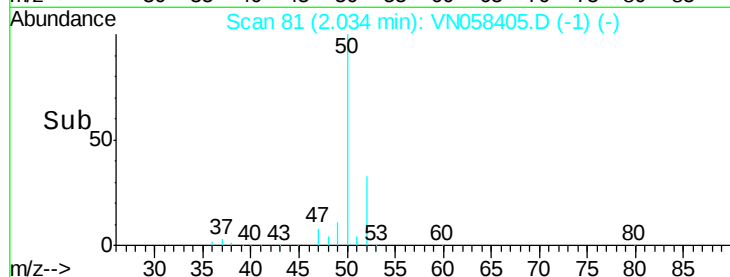
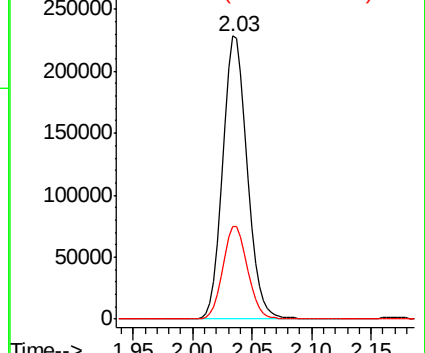
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 66.792 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN058405.D

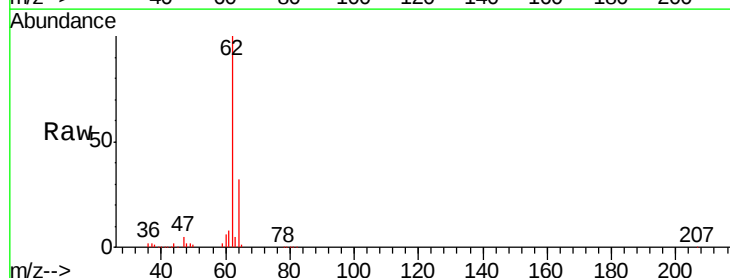
Acq: 27 Sep 2019 13:55

Tgt Ion: 62 Resp: 313997

Ion Ratio Lower Upper

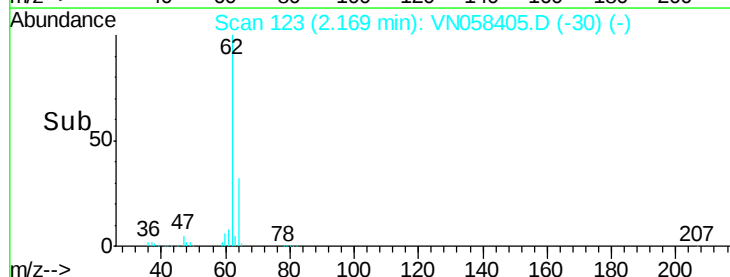
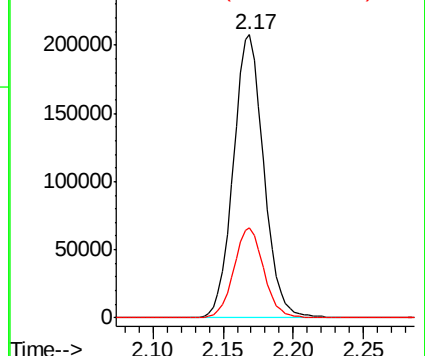
62 100

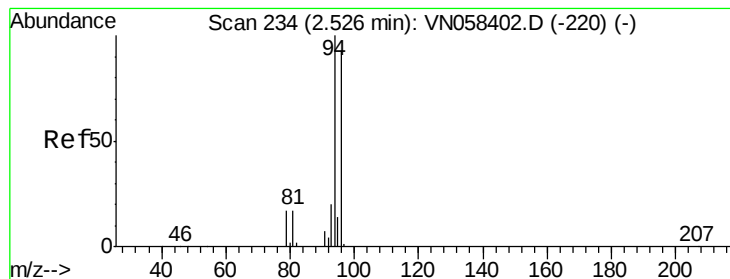
64 32.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 69.873 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

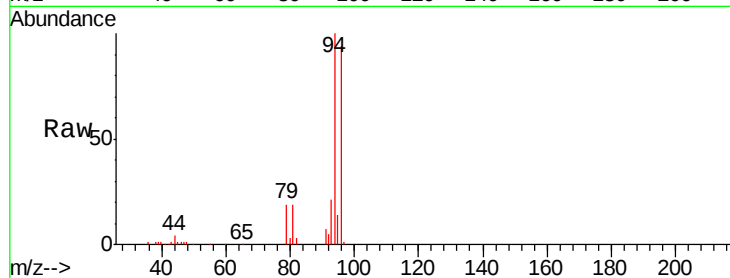
ICVFN092719

Tgt Ion: 94 Resp: 167716

Ion Ratio Lower Upper

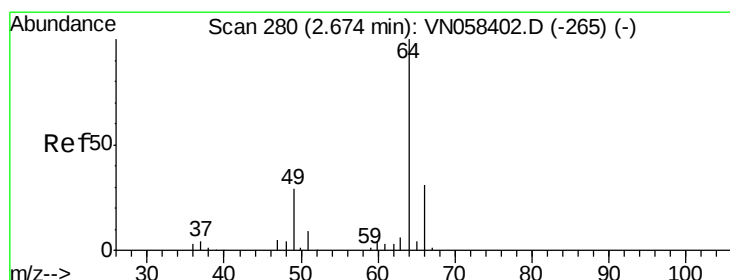
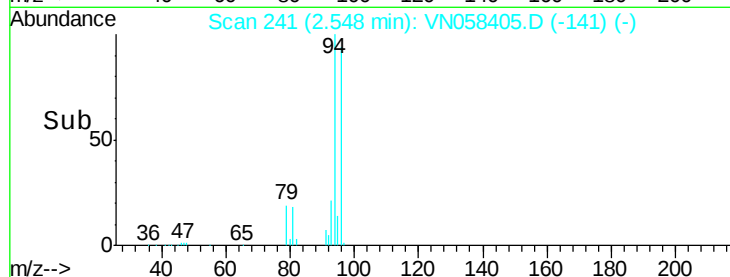
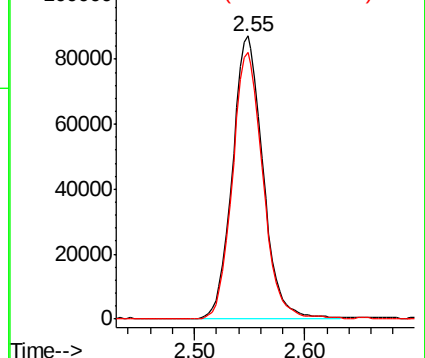
94 100

96 94.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 58.619 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN058405.D

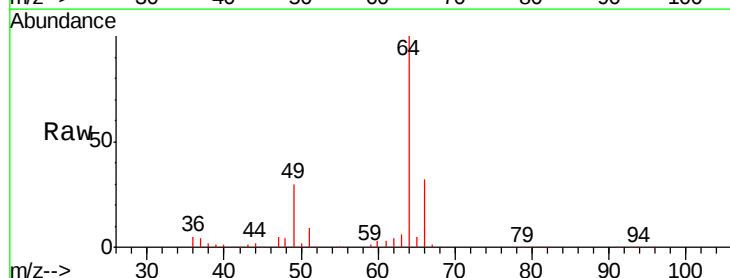
Acq: 27 Sep 2019 13:55

Tgt Ion: 64 Resp: 178547

Ion Ratio Lower Upper

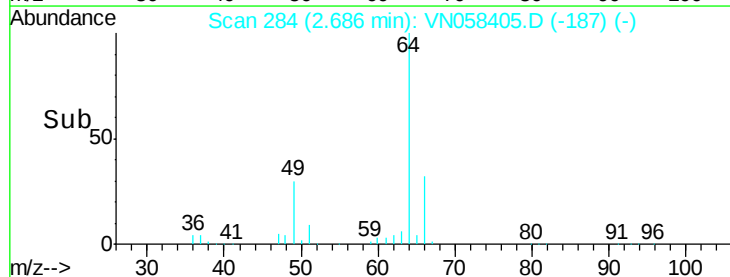
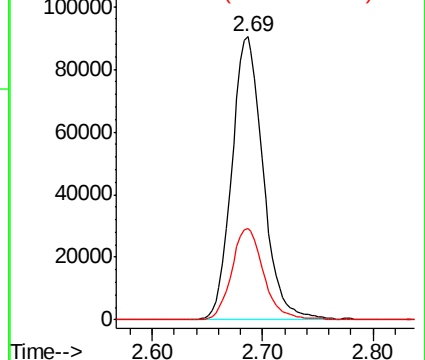
64 100

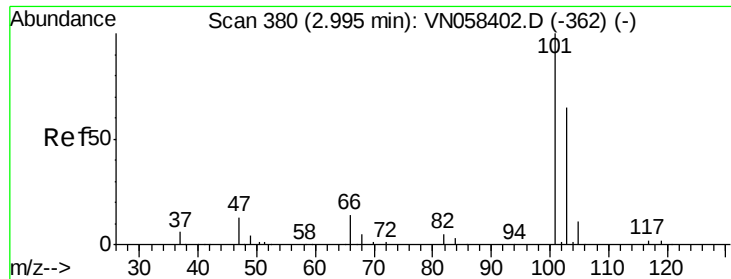
66 32.4 24.4 36.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



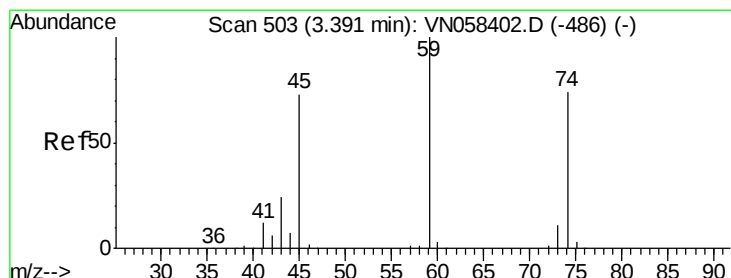
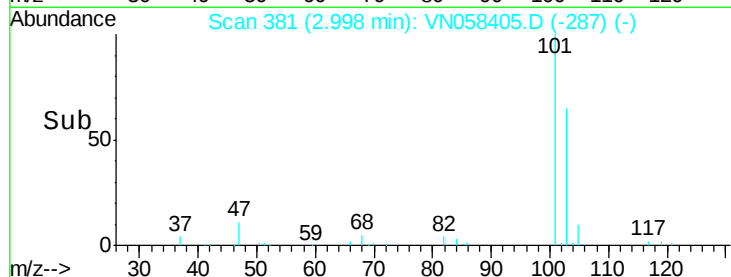
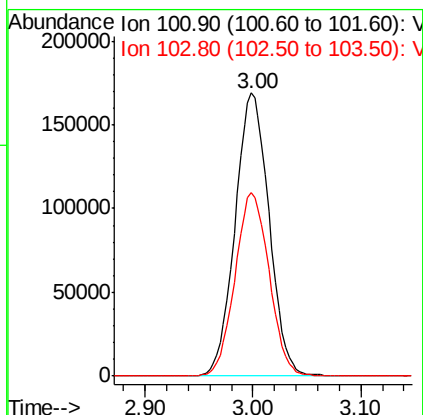
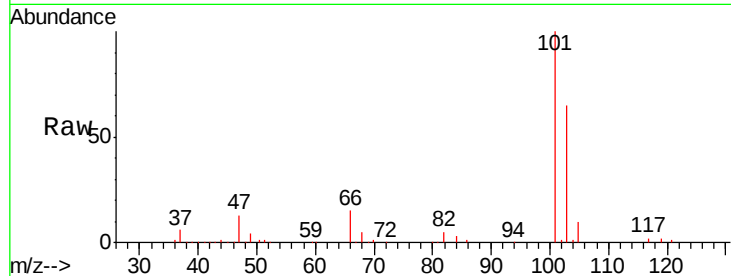


#7

Trichlorofluoromethane
 Concen: 57.763 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

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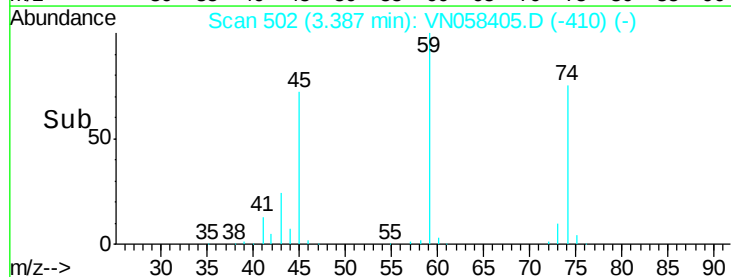
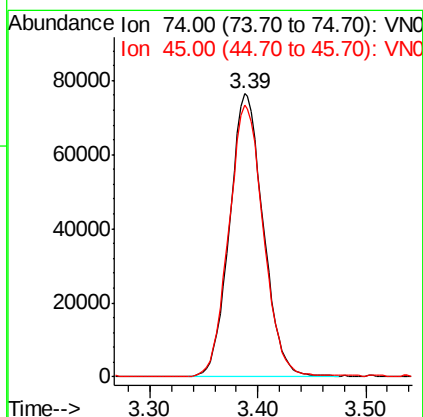
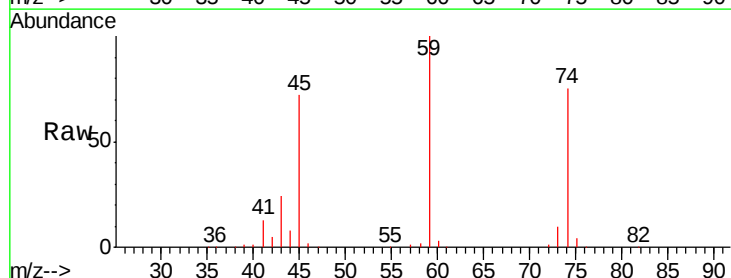
Tgt Ion: 101 Resp: 370427
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5

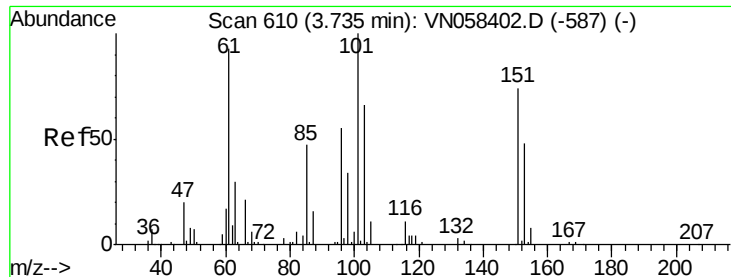


#8

Diethyl Ether
 Concen: 57.875 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion: 74 Resp: 166738
 Ion Ratio Lower Upper
 74 100
 45 98.4 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.333 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

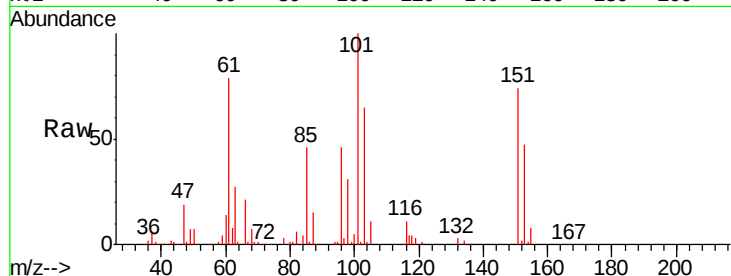
Tgt Ion:101 Resp: 256599

Ion Ratio Lower Upper

101 100

85 46.3 36.7 55.1

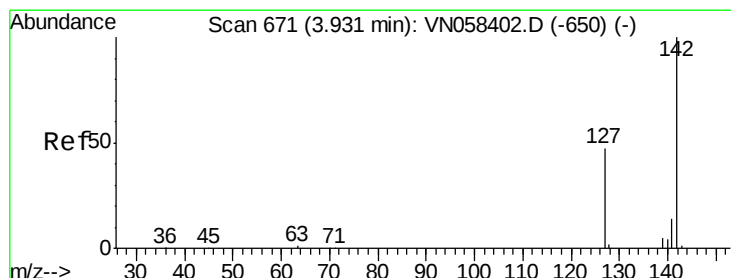
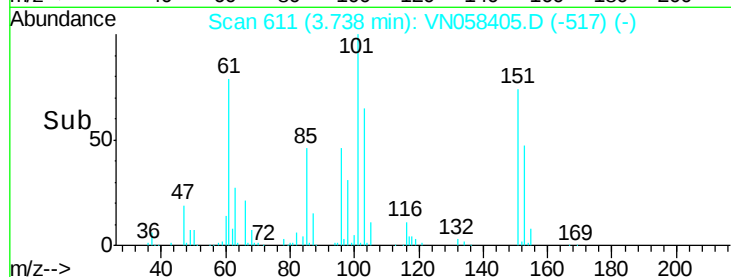
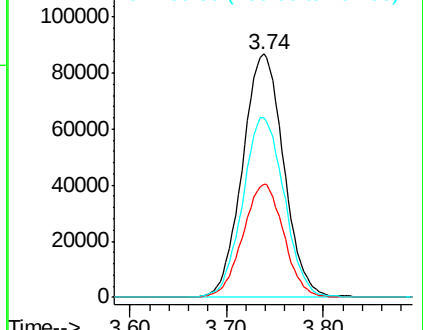
151 74.4 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 72.417 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

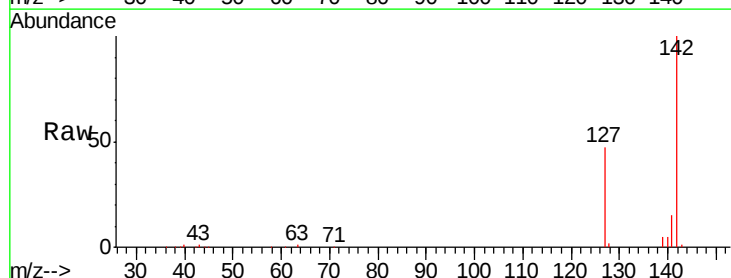
Tgt Ion:142 Resp: 300434

Ion Ratio Lower Upper

142 100

127 45.9 37.2 55.8

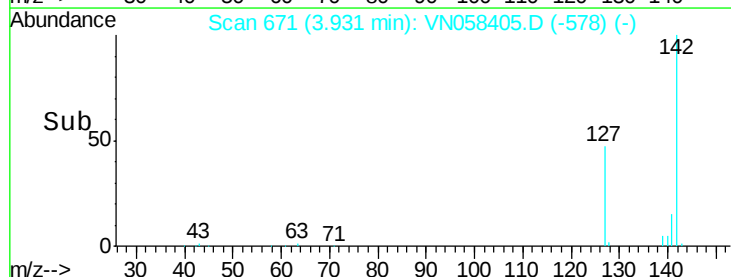
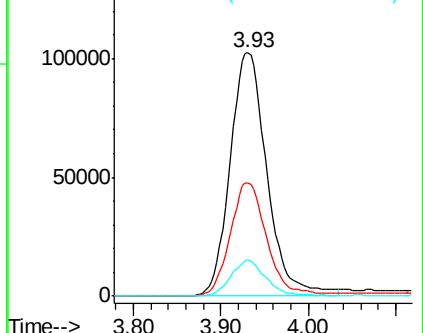
141 13.9 11.3 16.9

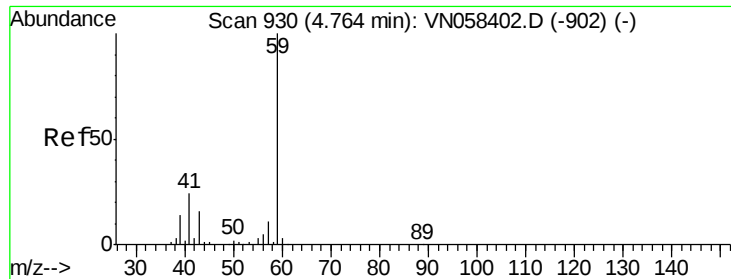


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



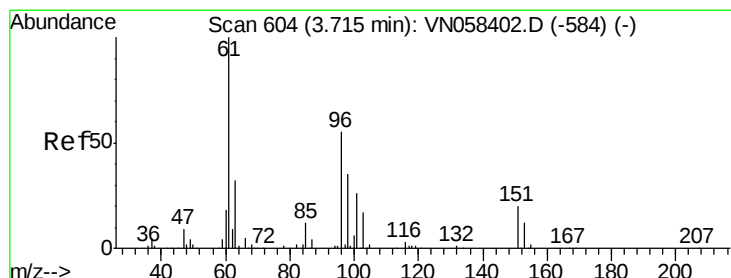
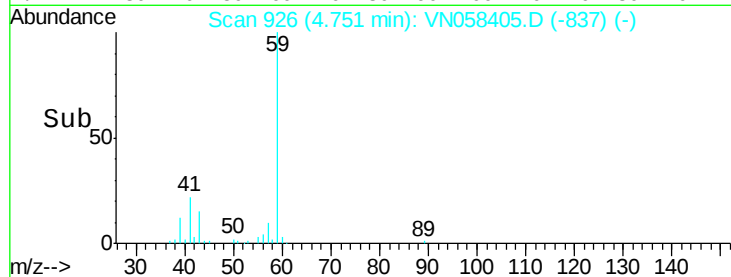
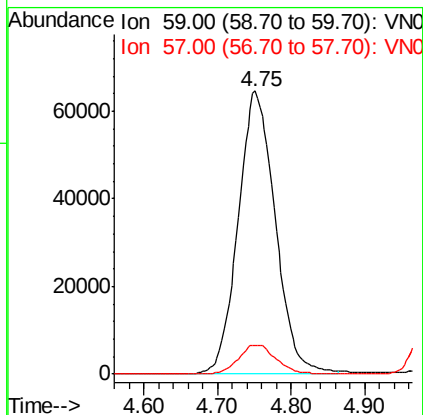
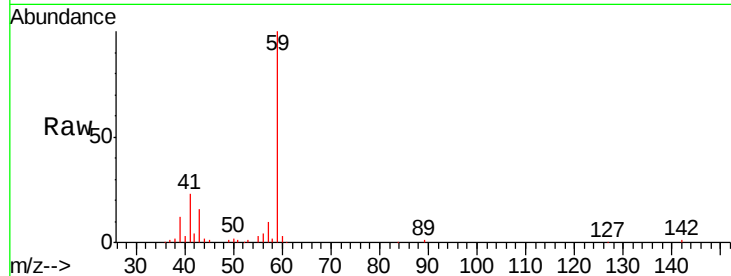


#11

Tert butyl alcohol
 Concen: 255.810 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

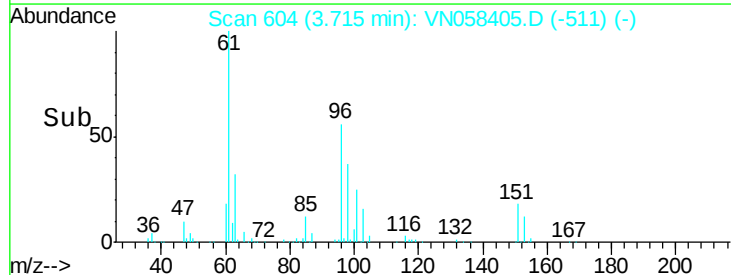
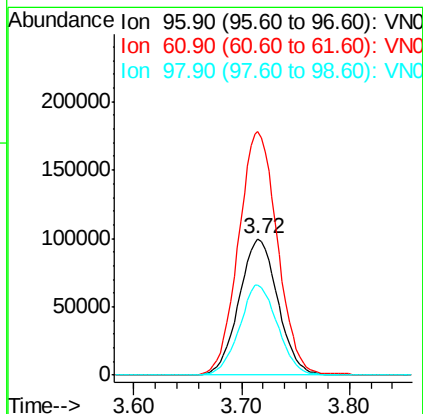
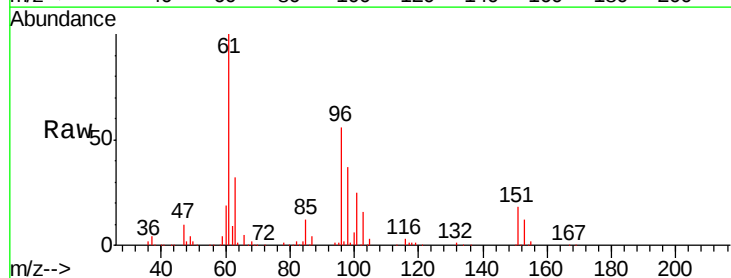
Tgt Ion: 59 Resp: 226753
 Ion Ratio Lower Upper
 59 100
 57 10.5 9.0 13.4

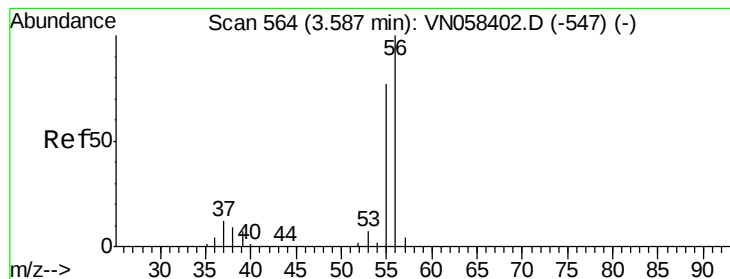


#12

1,1-Dichloroethene
 Concen: 62.375 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion: 96 Resp: 249437
 Ion Ratio Lower Upper
 96 100
 61 178.3 146.7 220.1
 98 66.3 51.3 76.9





#13

Acrolein

Concen: 525.880 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

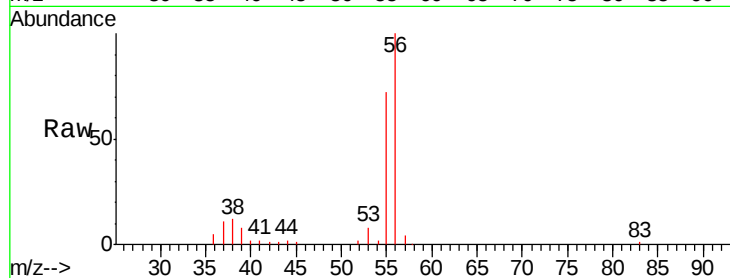
ICVVN092719

Tgt Ion: 56 Resp: 81778

Ion Ratio Lower Upper

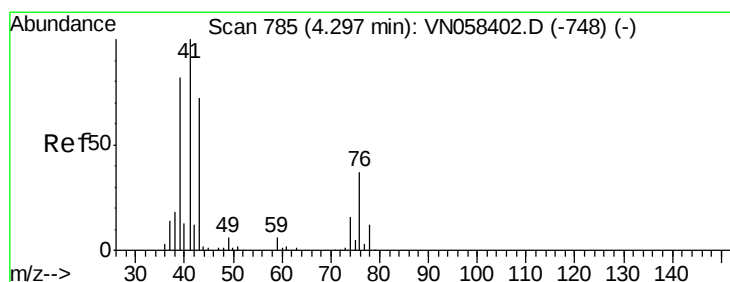
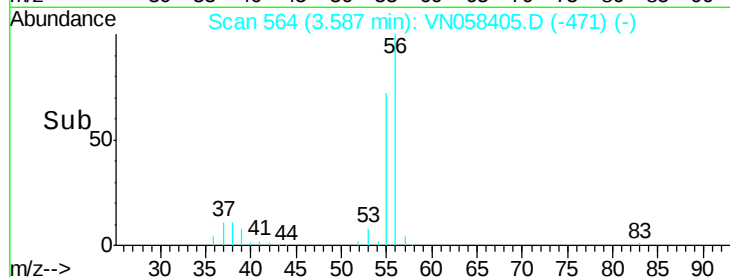
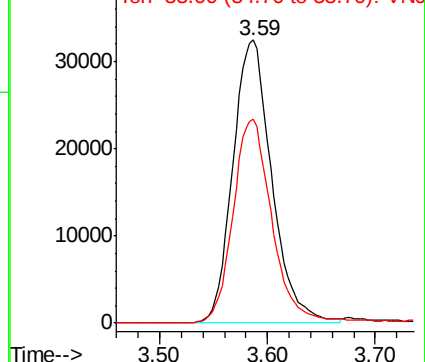
56 100

55 71.2 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 61.877 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

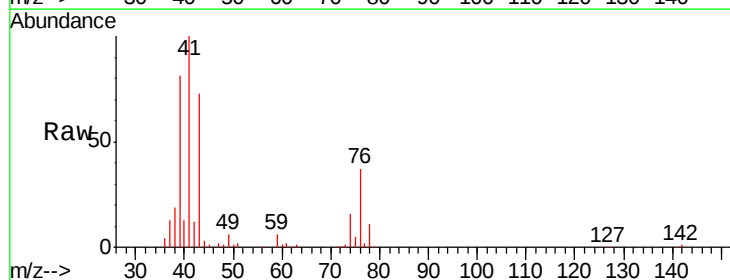
Tgt Ion: 41 Resp: 467279

Ion Ratio Lower Upper

41 100

39 76.8 62.3 93.5

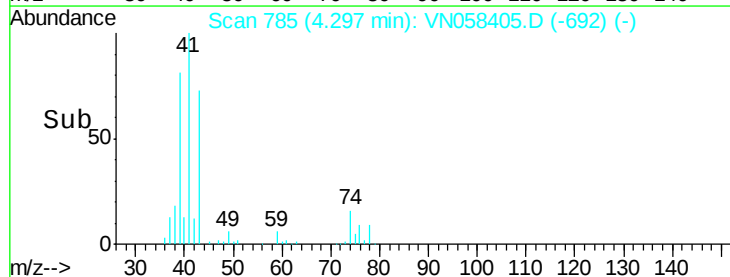
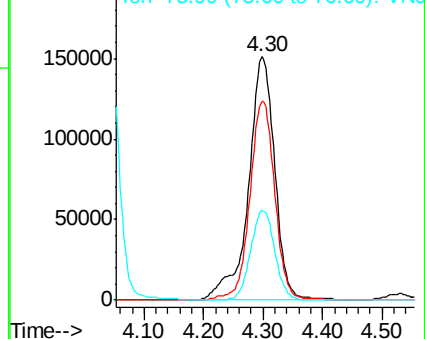
76 33.2 26.9 40.3

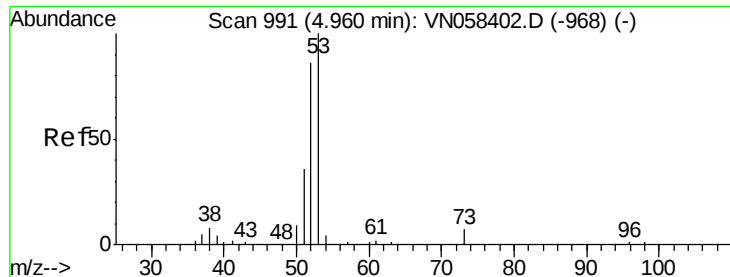


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 276.953 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

ICVVN092719

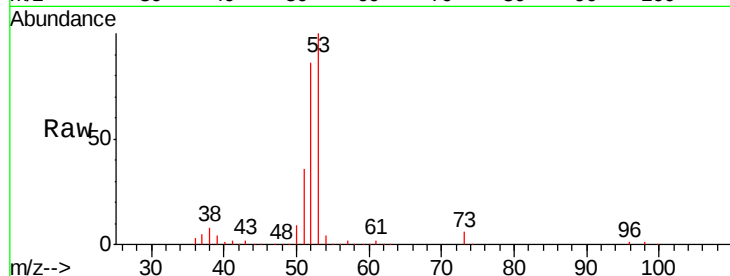
Tgt Ion: 53 Resp: 666749

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

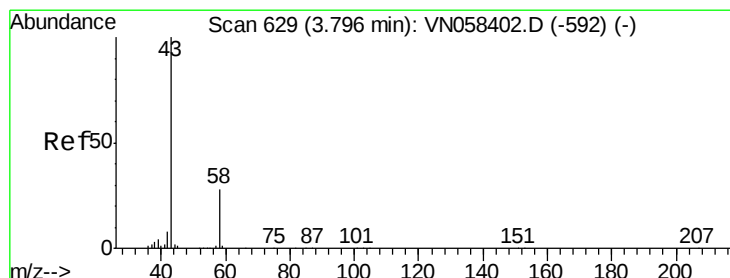
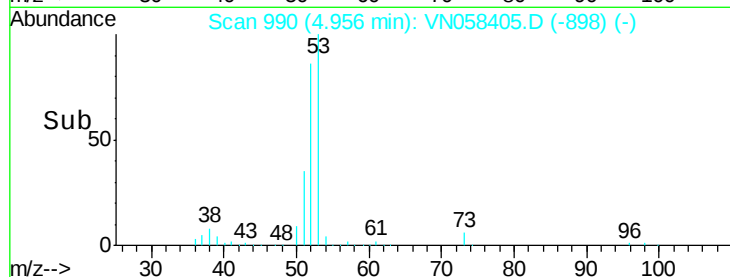
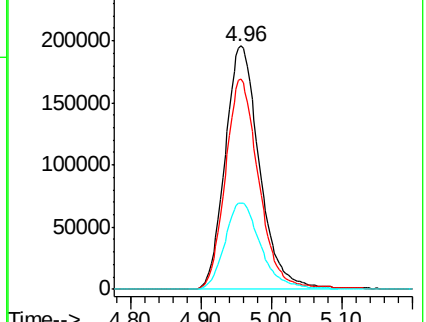
51 37.2 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 291.681 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN058405.D

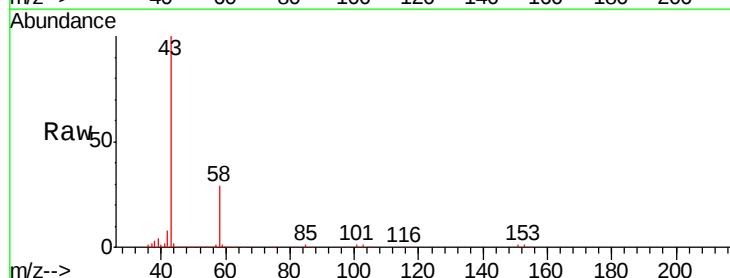
Acq: 27 Sep 2019 13:55

Tgt Ion: 43 Resp: 757513

Ion Ratio Lower Upper

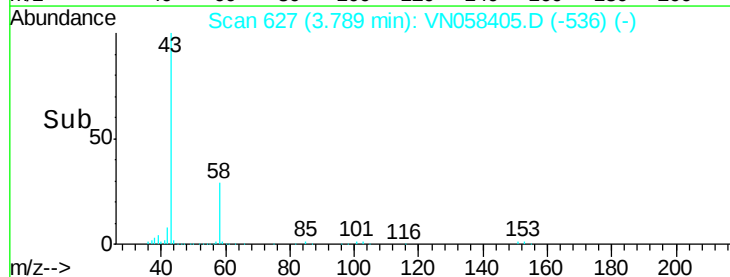
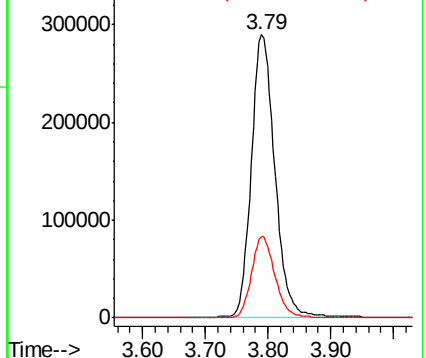
43 100

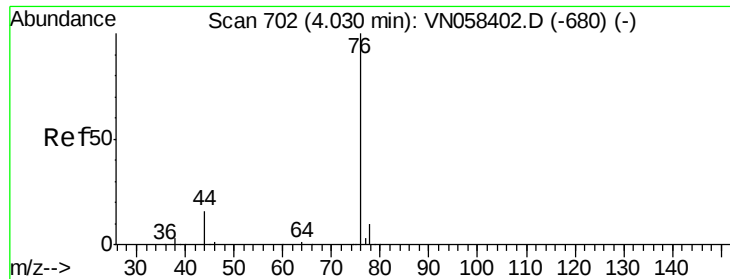
58 28.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

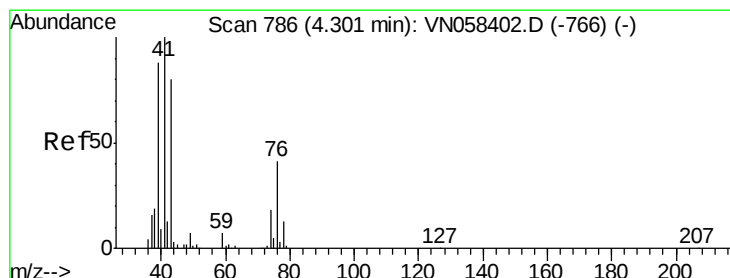
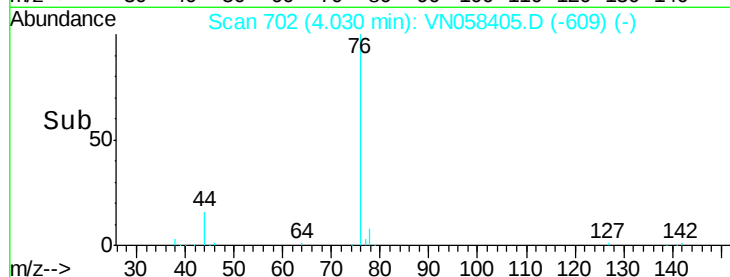
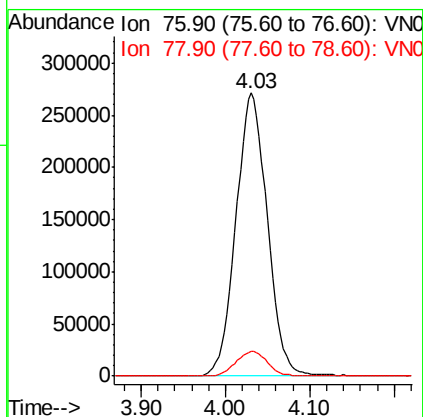
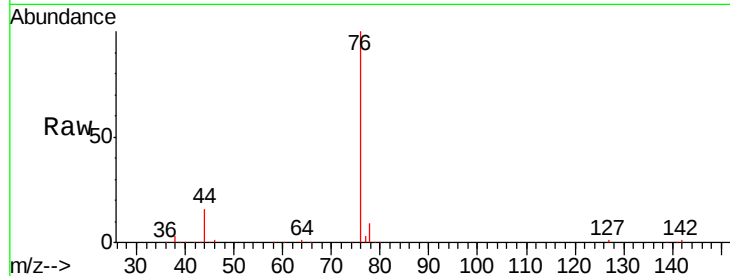




#17
Carbon Disulfide
Concen: 97.343 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

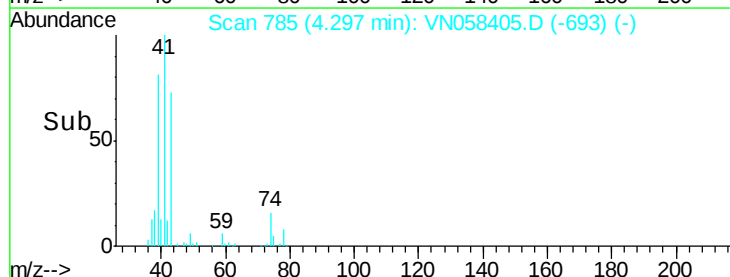
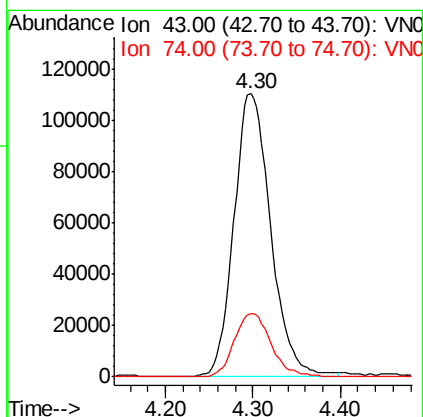
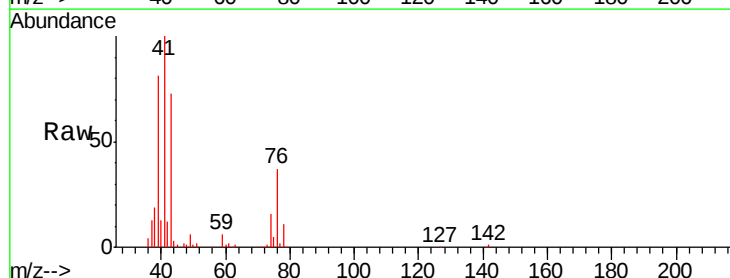
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

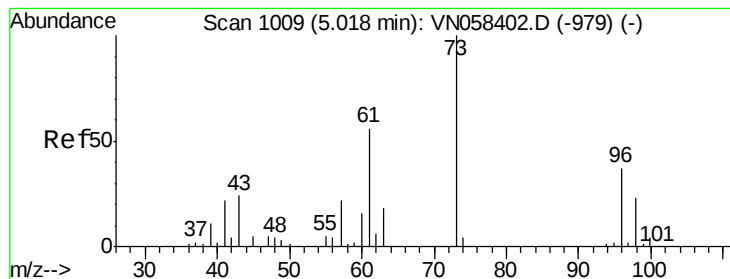
Tgt Ion: 76 Resp: 702892
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5



#18
Methyl Acetate
Concen: 47.737 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 43 Resp: 320487
Ion Ratio Lower Upper
43 100
74 22.6 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 53.752 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

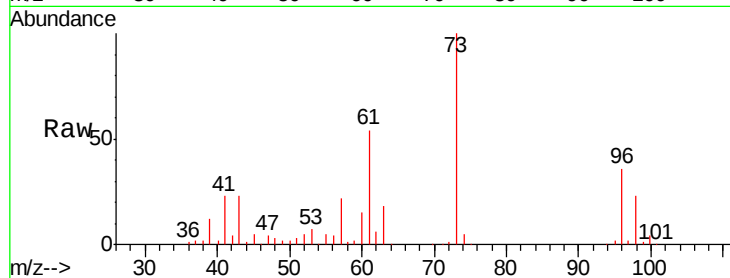
ICVVN092719

Tgt Ion: 73 Resp: 899827

Ion Ratio Lower Upper

73 100

57 22.0 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN058402.D (-979) (-)

Ion 57.00 (56.70 to 57.70): VN058402.D (-979) (-)

5.01

250000

200000

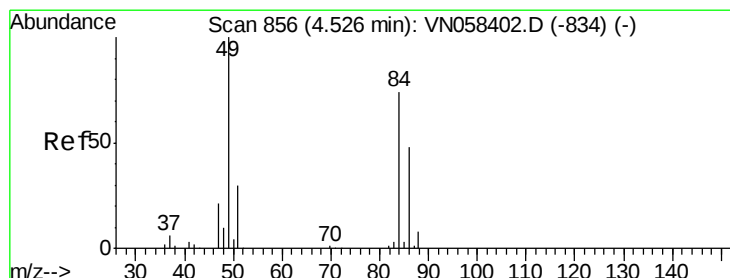
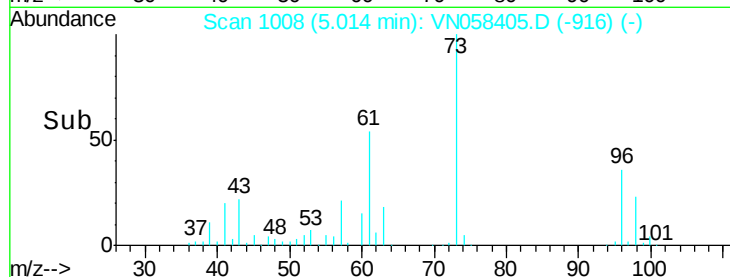
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 56.149 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Tgt Ion: 84 Resp: 292029

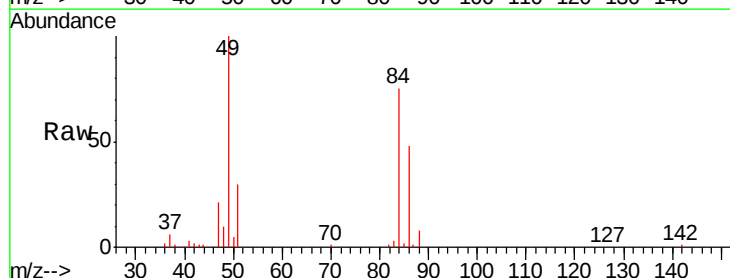
Ion Ratio Lower Upper

84 100

49 133.7 107.9 161.9

51 40.2 32.8 49.2

86 64.5 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN058402.D (-834) (-)

Ion 48.90 (48.60 to 49.60): VN058402.D (-834) (-)

Ion 50.90 (50.60 to 51.60): VN058402.D (-834) (-)

Ion 85.90 (85.60 to 86.60): VN058402.D (-834) (-)

4.53

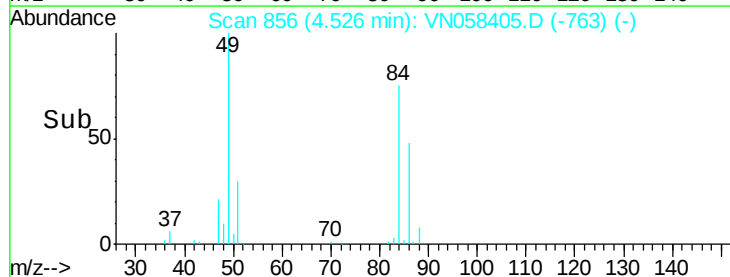
150000

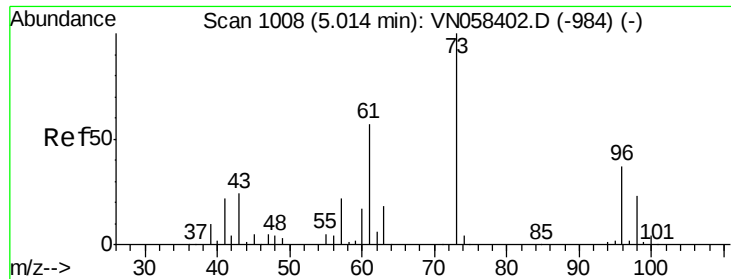
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 63.308 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

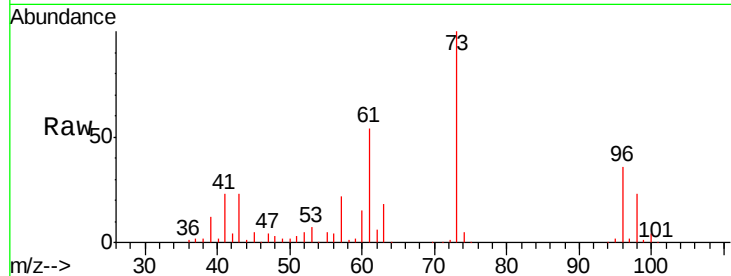
Tgt Ion: 96 Resp: 274592

Ion Ratio Lower Upper

96 100

61 150.1 121.9 182.9

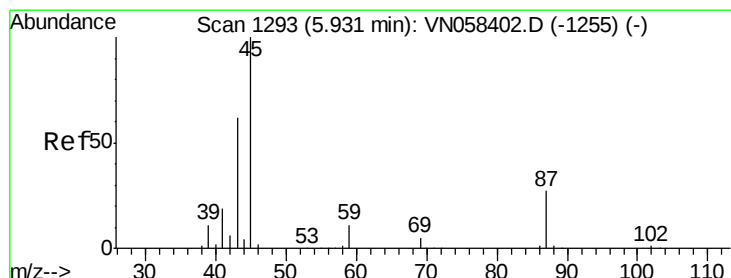
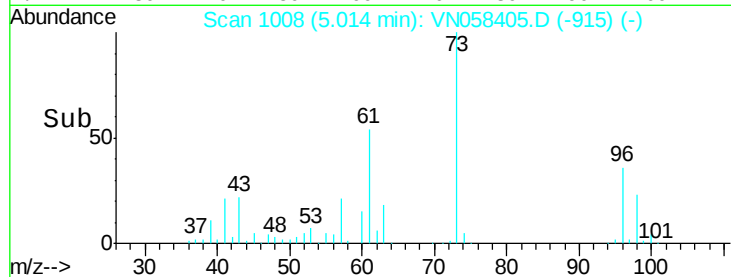
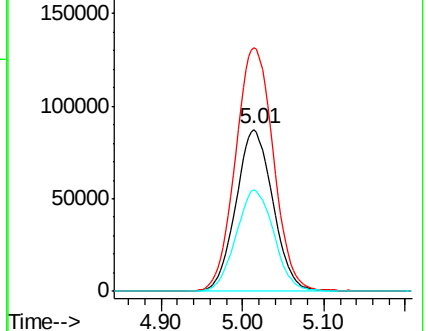
98 62.8 49.3 73.9



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: 53.209 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Tgt Ion: 45 Resp: 980078

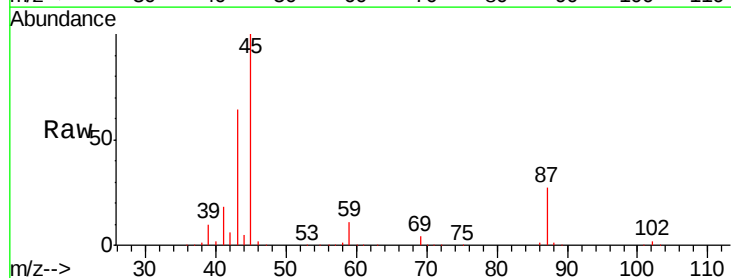
Ion Ratio Lower Upper

45 100

43 63.8 49.7 74.5

87 27.3 21.5 32.3

59 11.4 8.9 13.3

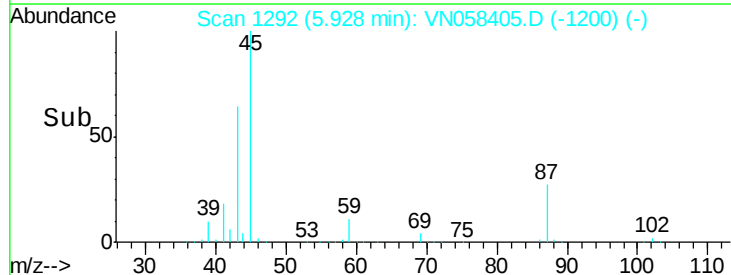
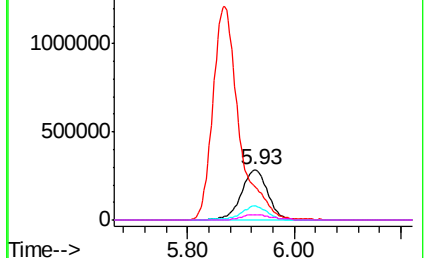


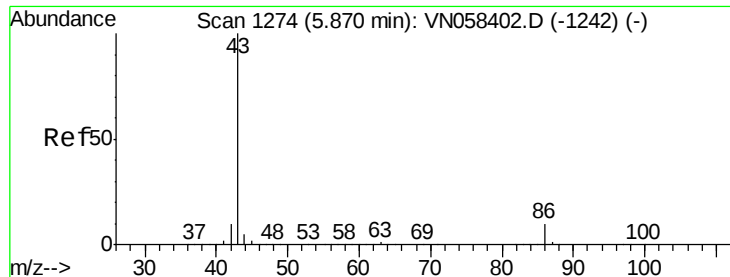
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 319.648 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

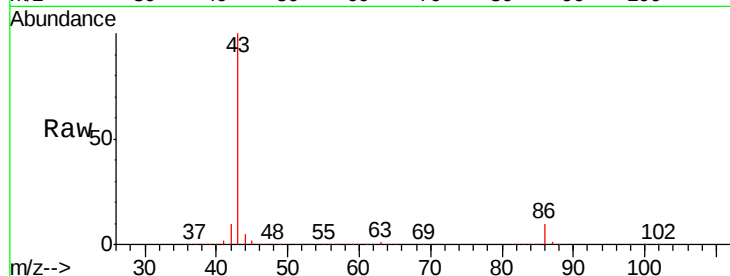
ICVVN092719

Tgt Ion: 43 Resp: 4139751

Ion Ratio Lower Upper

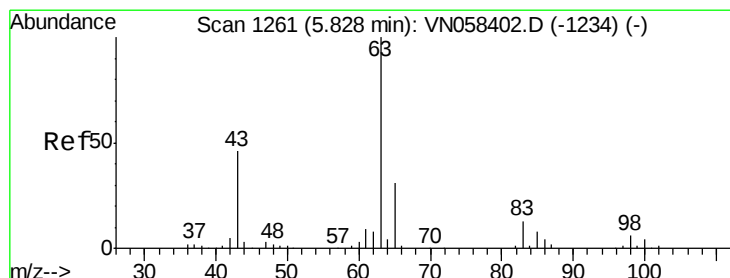
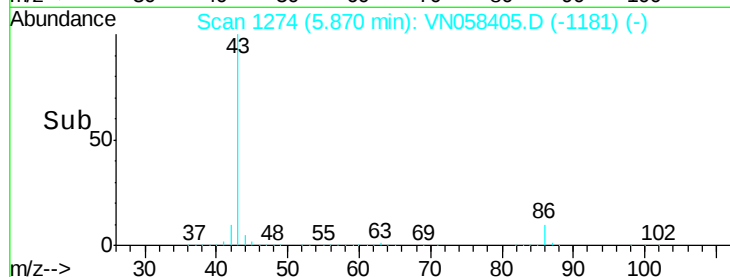
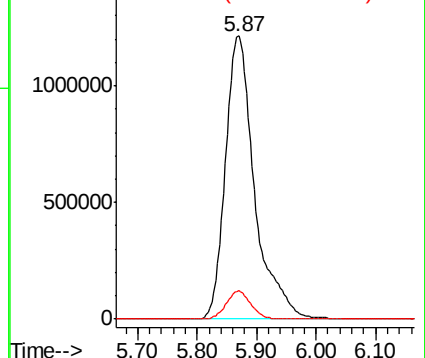
43 100

86 9.9 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 55.481 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

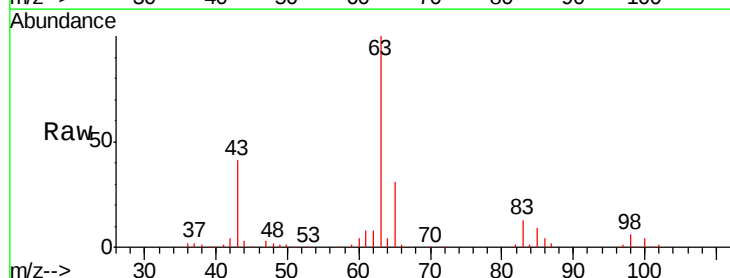
Tgt Ion: 63 Resp: 554472

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

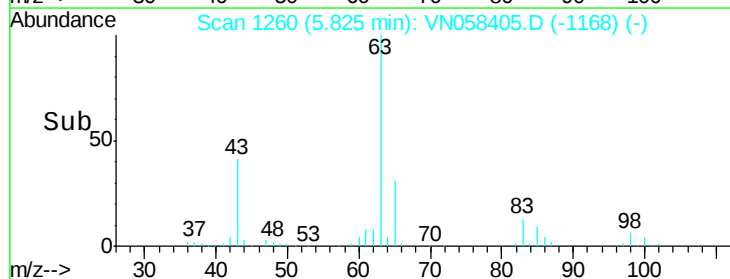
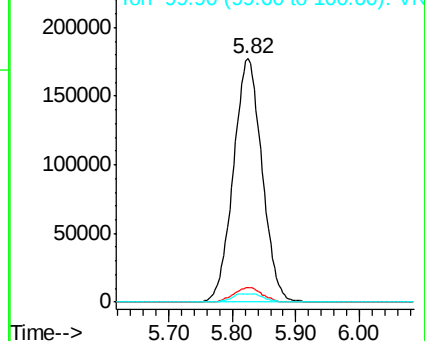
100 3.5 2.0 5.8

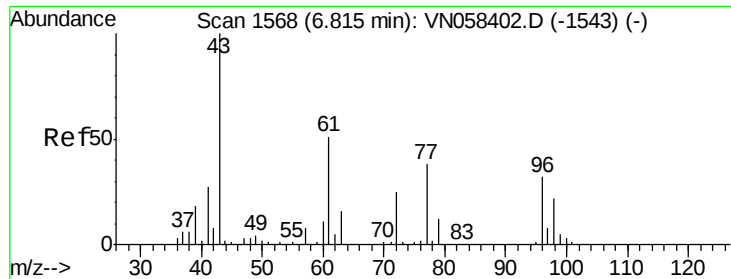


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 284.855 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

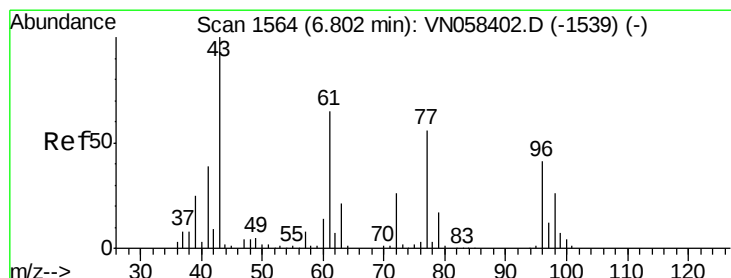
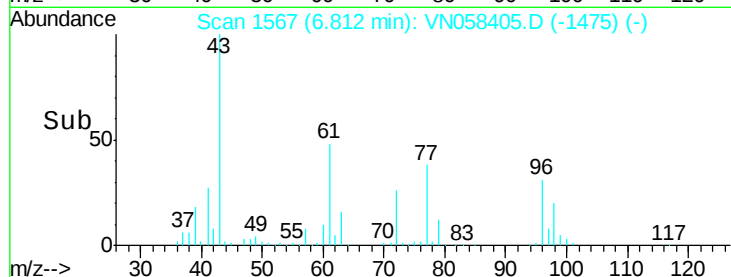
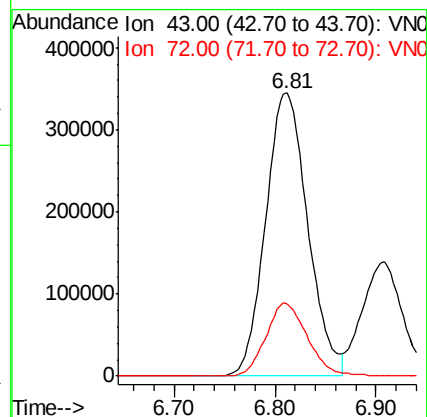
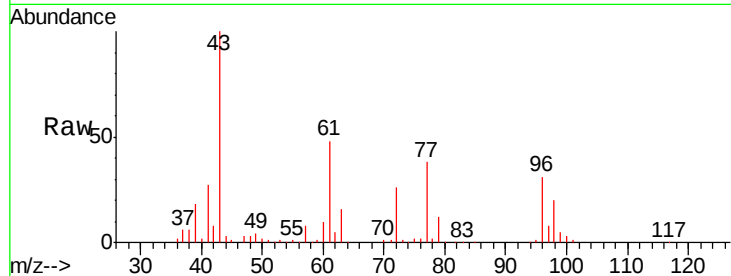
ICVVN092719

Tgt Ion: 43 Resp: 999677

Ion Ratio Lower Upper

43 100

72 25.6 20.2 30.4



#26

2,2-Dichloropropane

Concen: 55.902 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058405.D

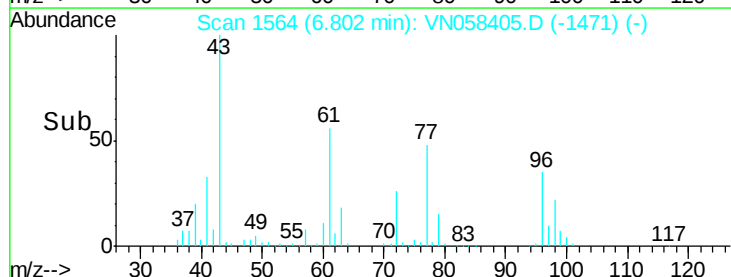
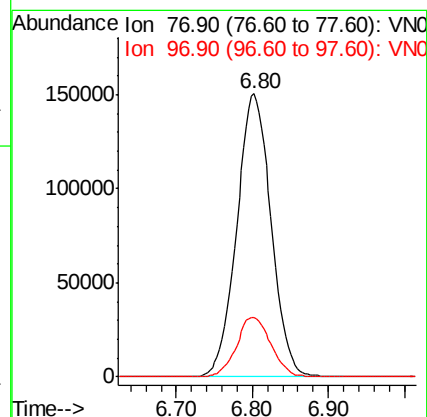
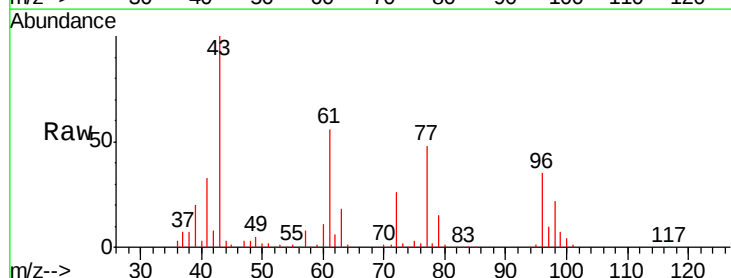
Acq: 27 Sep 2019 13:55

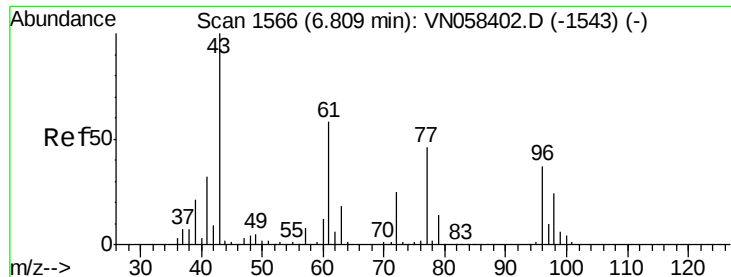
Tgt Ion: 77 Resp: 472554

Ion Ratio Lower Upper

77 100

97 21.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 57.180 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

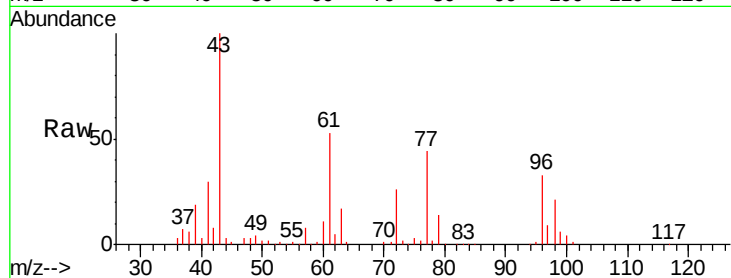
Tgt Ion: 96 Resp: 325099

Ion Ratio Lower Upper

96 100

61 159.4 0.0 318.8

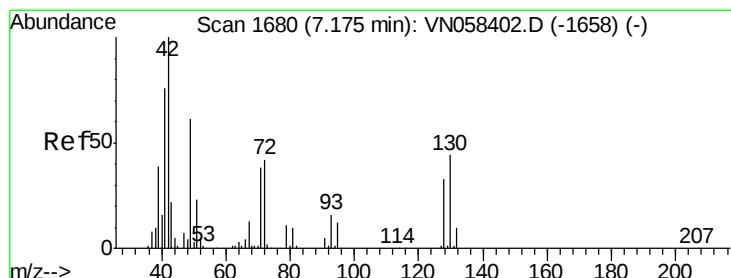
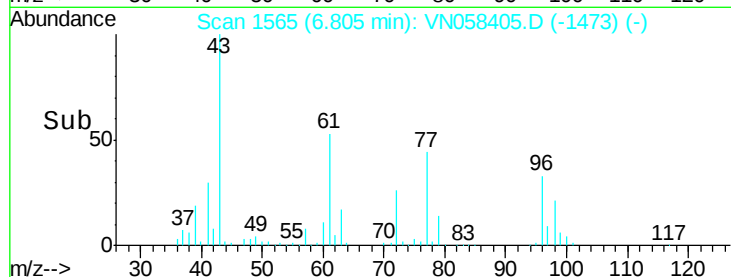
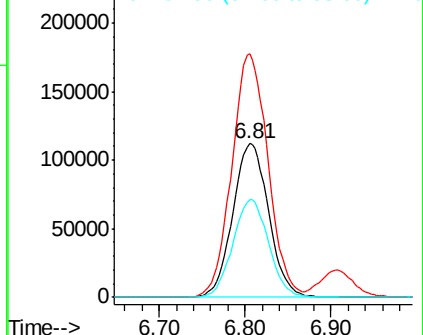
98 63.6 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.938 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

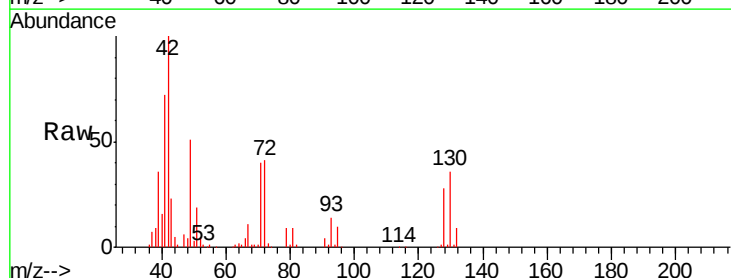
Tgt Ion: 49 Resp: 217490

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

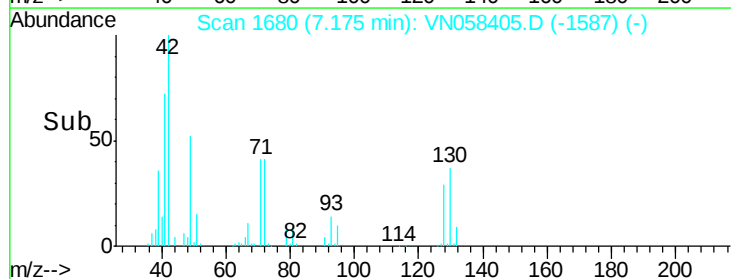
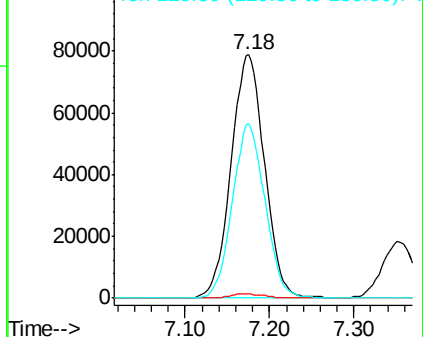
130 69.8 56.3 84.5

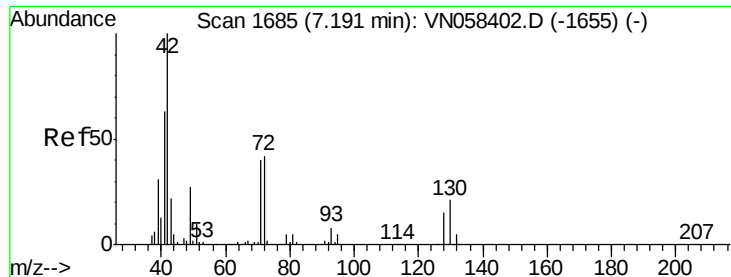


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

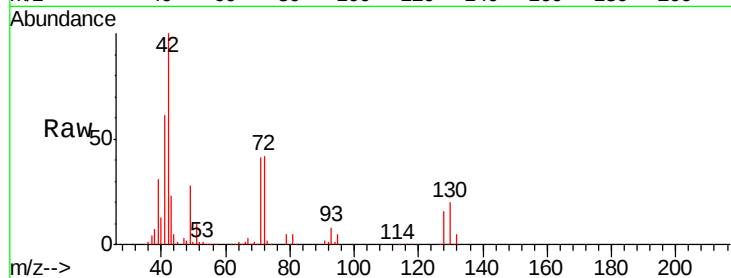




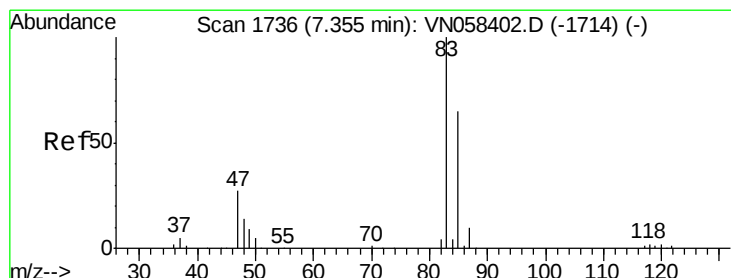
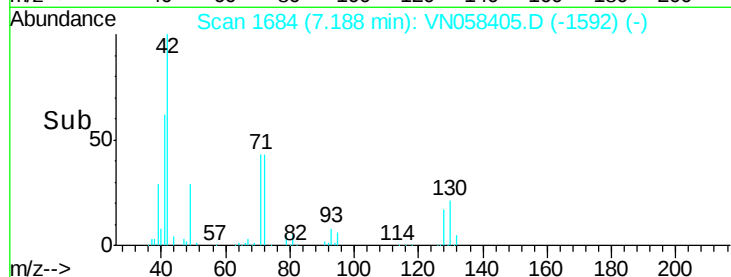
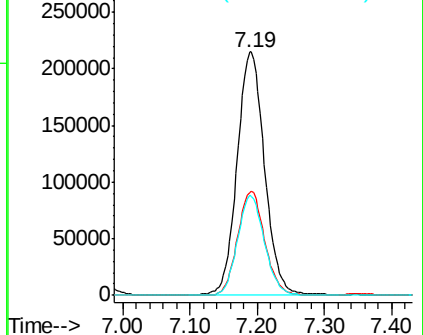
#29
Tetrahydrofuran
Concen: 278.033 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

Tgt Ion: 42 Resp: 607276
Ion Ratio Lower Upper
42 100
72 42.5 33.7 50.5
71 40.3 31.8 47.6

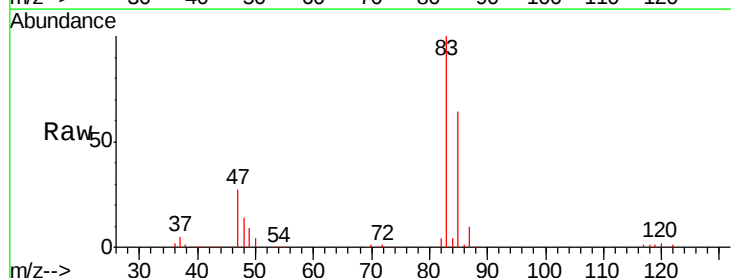


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

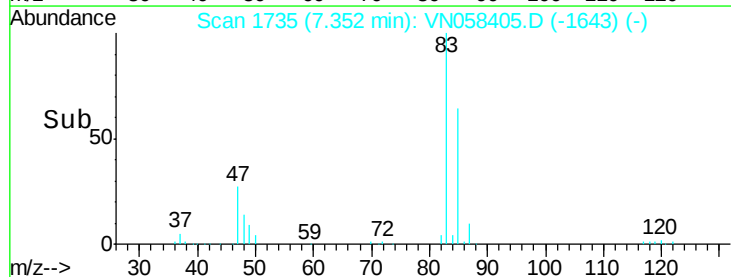
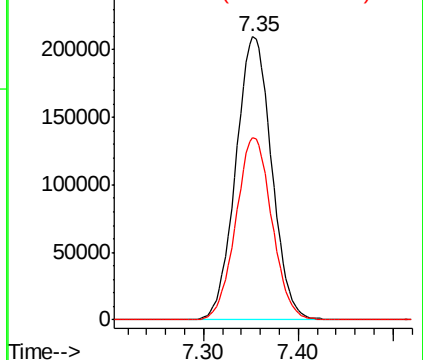


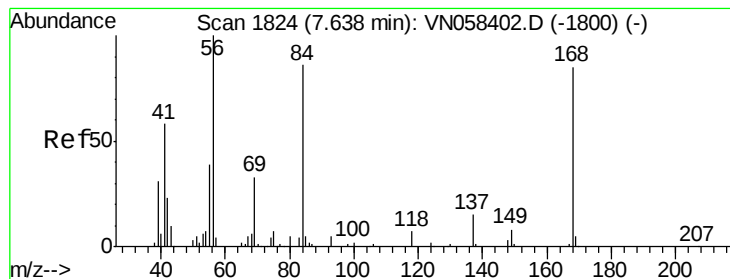
#30
Chloroform
Concen: 51.981 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 83 Resp: 552211
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0



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





#31

Cyclohexane

Concen: 64.520 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

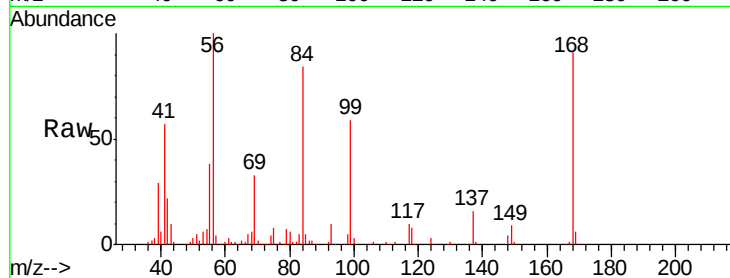
Tgt Ion: 56 Resp: 517236

Ion Ratio Lower Upper

56 100

69 32.8 26.2 39.4

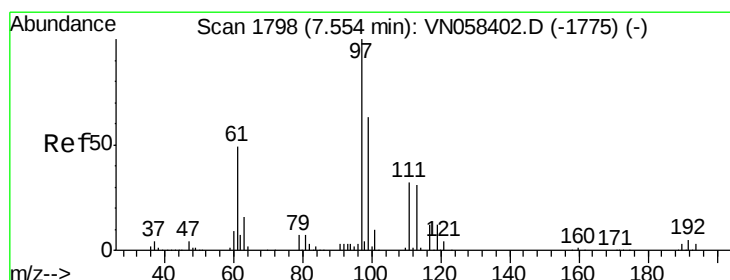
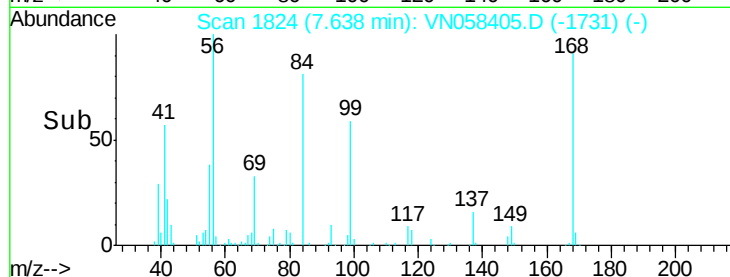
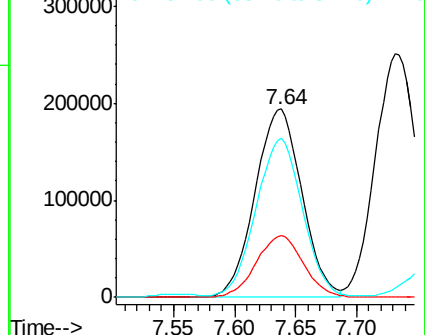
84 82.9 67.6 101.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 58.094 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

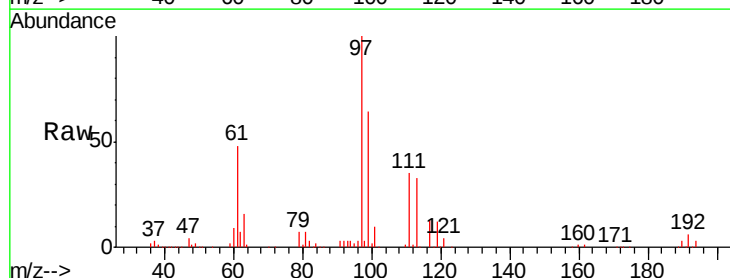
Tgt Ion: 97 Resp: 475888

Ion Ratio Lower Upper

97 100

99 63.2 51.1 76.7

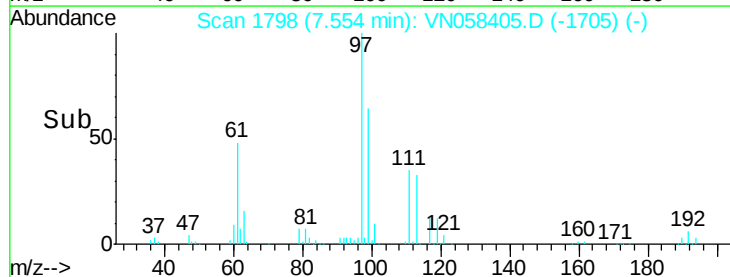
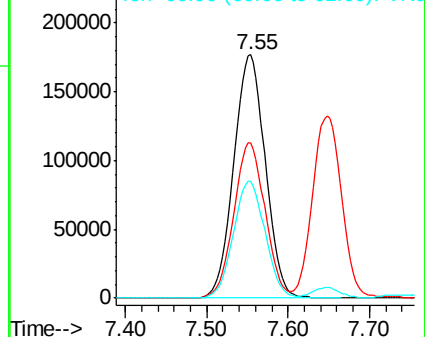
61 48.3 39.2 58.8

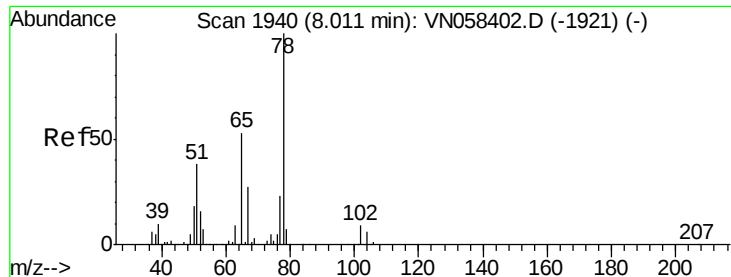


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.728 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

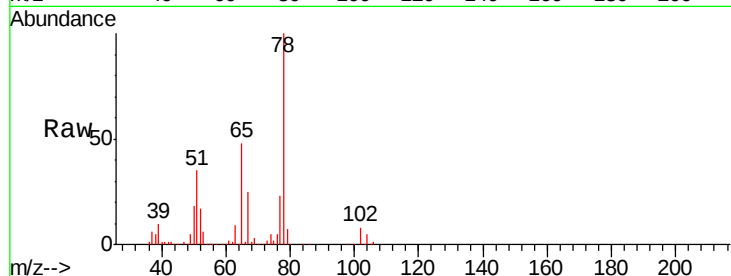
ICVFN092719

Tgt Ion: 65 Resp: 375059

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

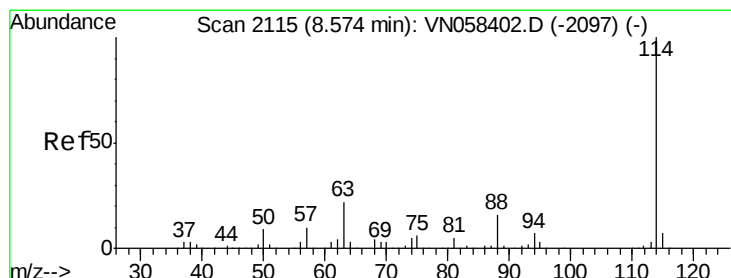
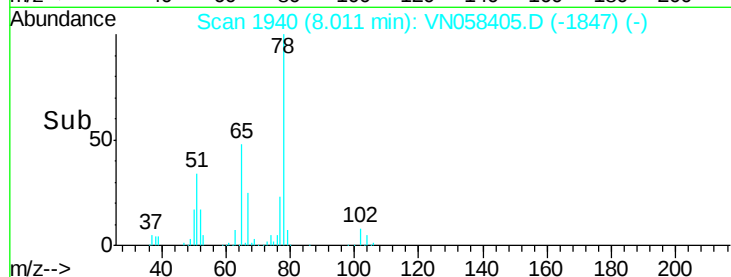
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

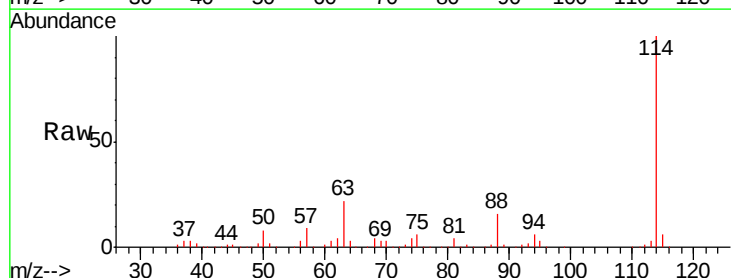
Tgt Ion: 114 Resp: 892889

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

88 15.8 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

500000

400000

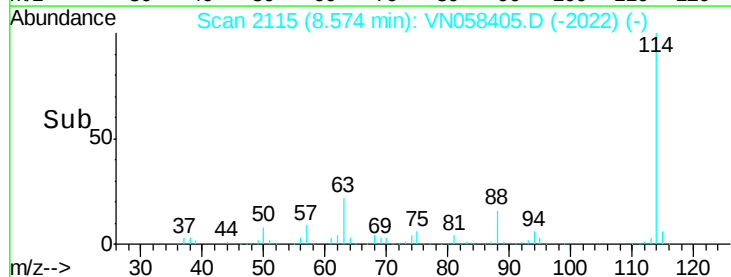
300000

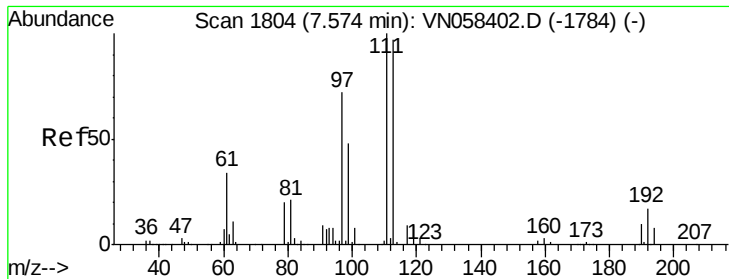
200000

100000

0

Time--> 8.50 8.60 8.70

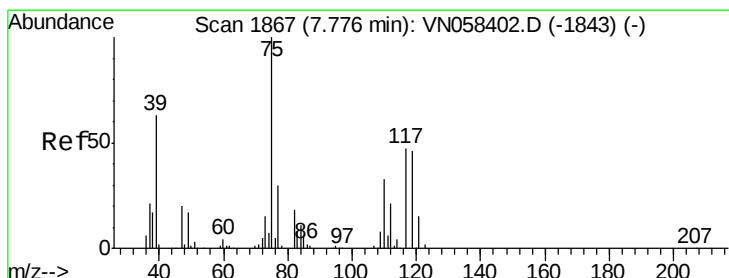
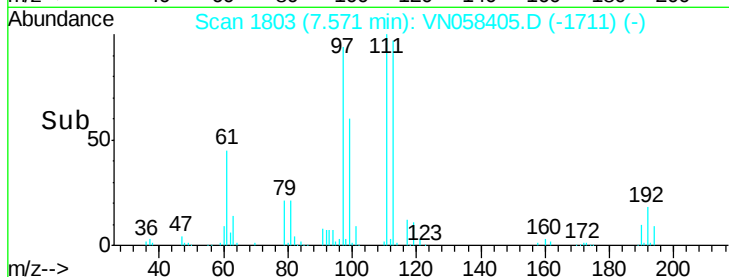
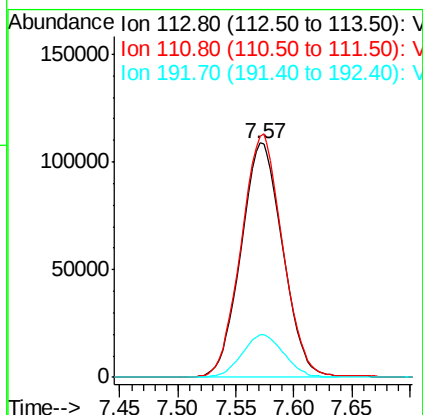
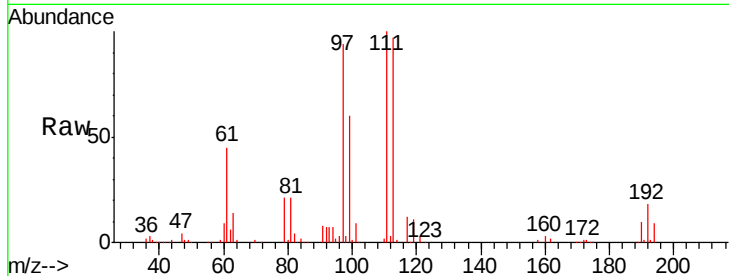




#35
Dibromofluoromethane
Concen: 50.252 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

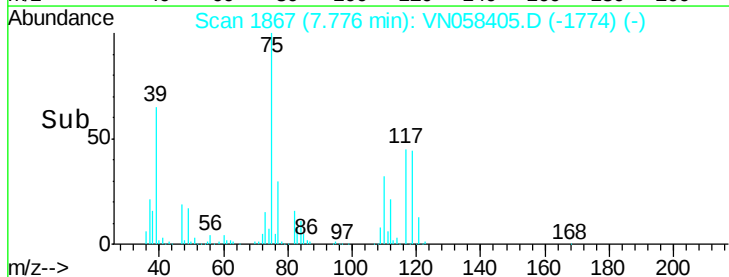
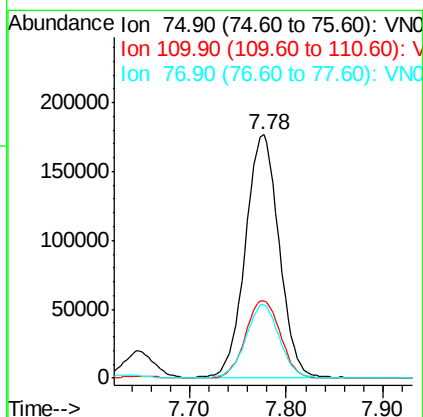
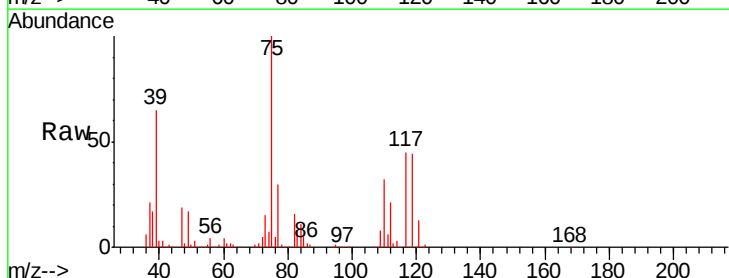
Instrument :
MSVOA_N
ClientSampled :
ICVVN092719

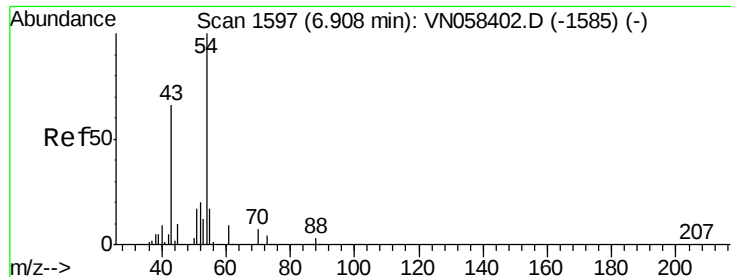
Tgt Ion: 113 Resp: 273044
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 18.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 61.913 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 75 Resp: 427193
Ion Ratio Lower Upper
75 100
110 32.9 16.4 49.2
77 30.4 24.3 36.5

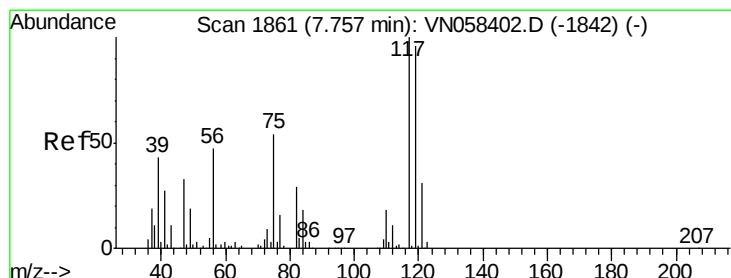
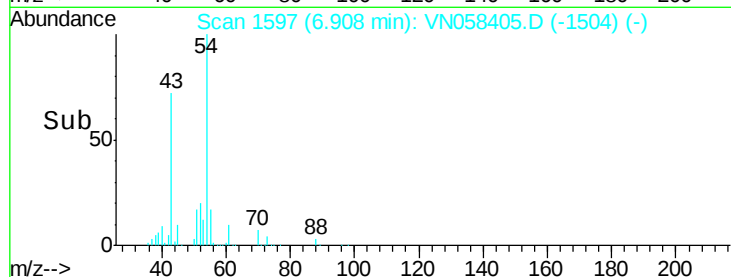
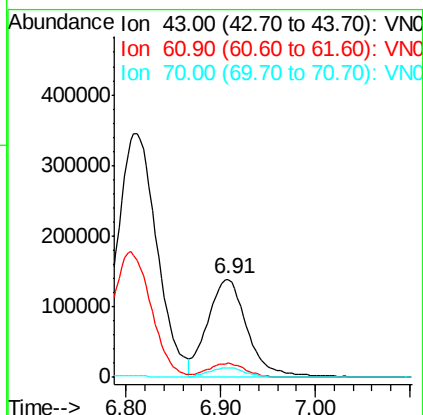
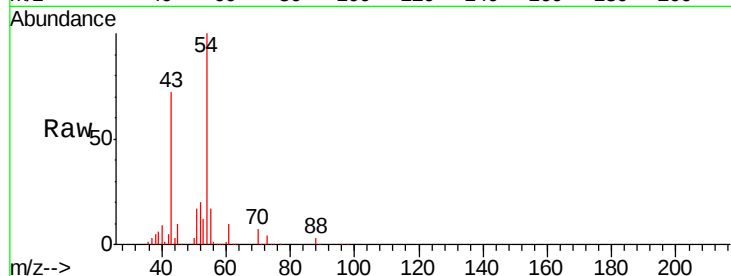




#37
Ethyl Acetate
Concen: 58.063 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

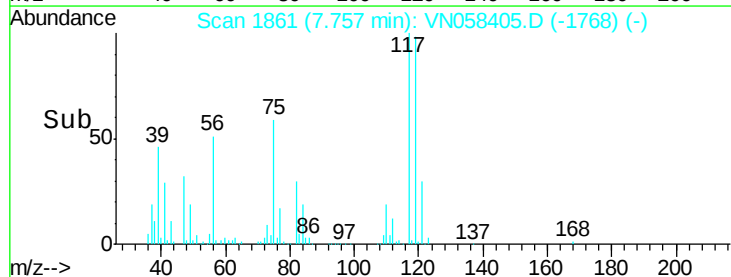
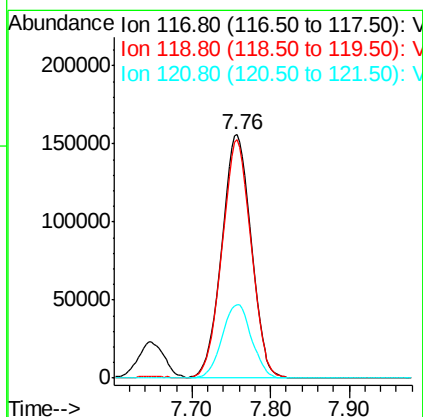
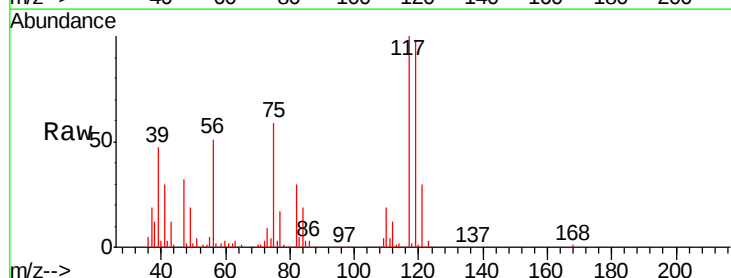
Instrument :
MSVOA_N
ClientSampled :
ICVVN092719

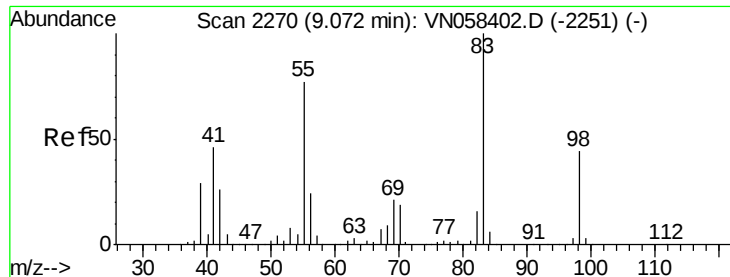
Tgt Ion: 43 Resp: 397256
Ion Ratio Lower Upper
43 100
61 13.4 10.5 15.7
70 9.8 7.8 11.6



#38
Carbon Tetrachloride
Concen: 59.390 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 117 Resp: 402479
Ion Ratio Lower Upper
117 100
119 97.9 76.6 115.0
121 30.4 24.7 37.1

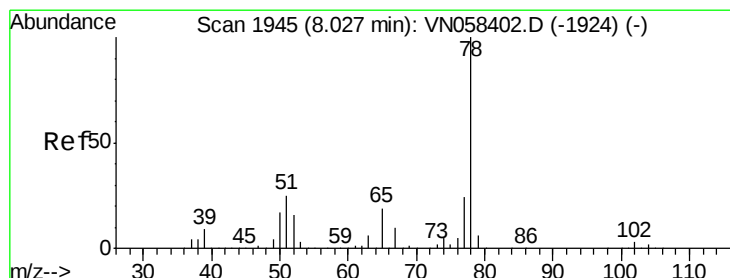
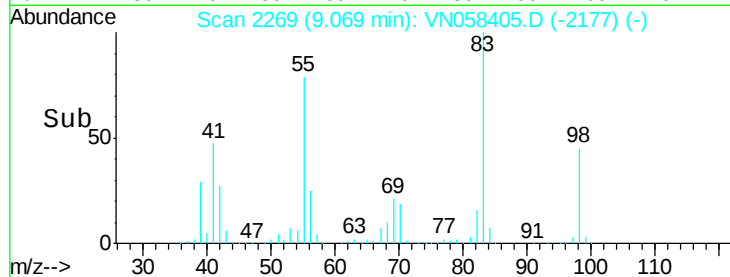
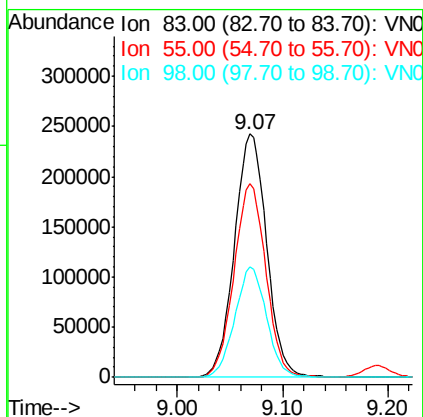
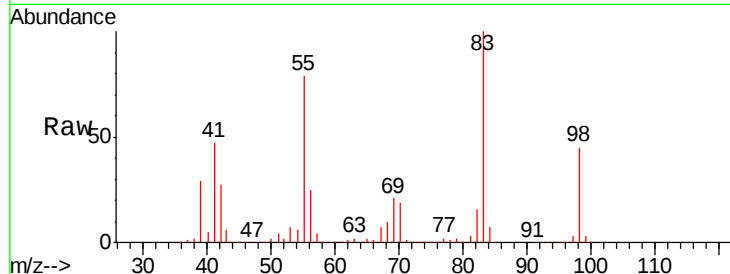




#39
Methylcyclohexane
Concen: 69.012 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

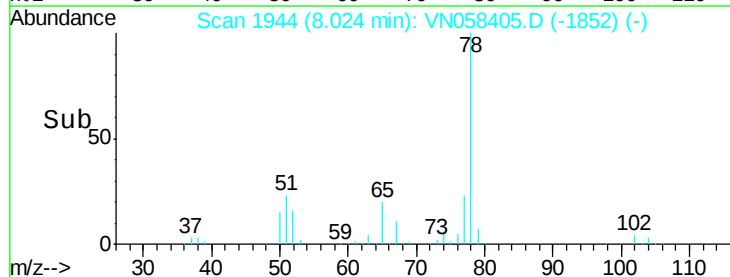
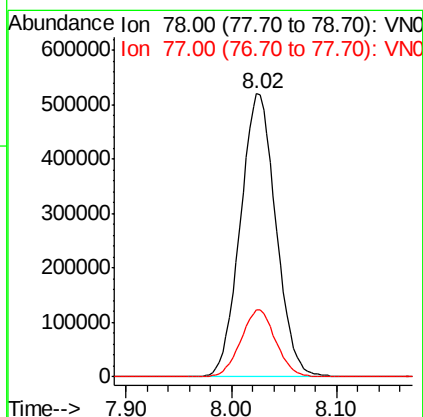
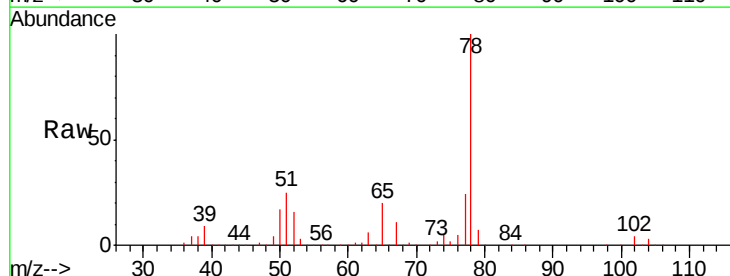
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

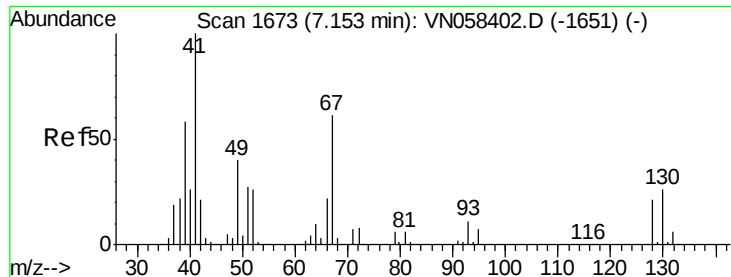
Tgt Ion: 83 Resp: 514400
Ion Ratio Lower Upper
83 100
55 79.5 61.8 92.6
98 45.5 35.4 53.0



#40
Benzene
Concen: 58.911 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 78 Resp: 1219191
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3





#41

Methacrylonitrile

Concen: 51.514 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

Tgt Ion: 41 Resp: 166503

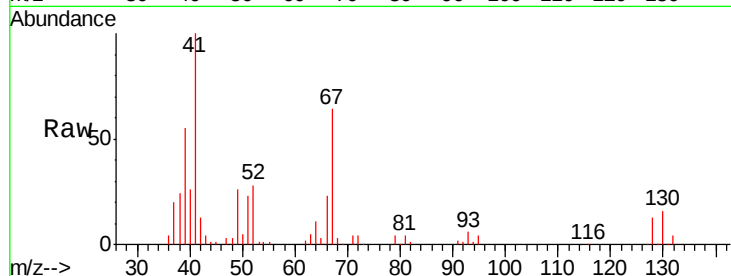
Ion Ratio Lower Upper

41 100

39 58.1 50.2 75.4

67 91.6 70.2 105.4

52 39.5 31.4 47.0

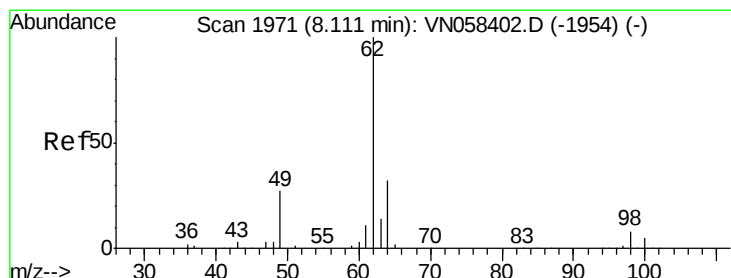
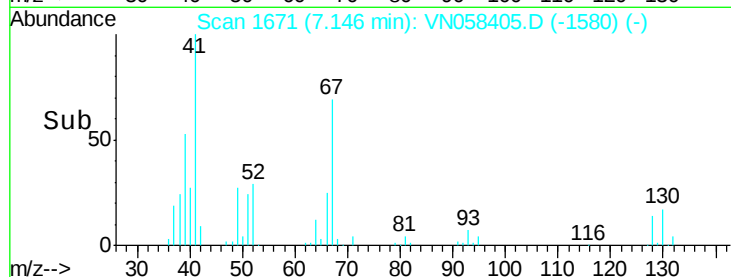
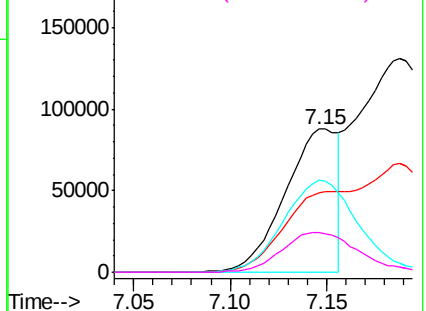


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 55.045 ug/l

RT: 8.11 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VN058405.D

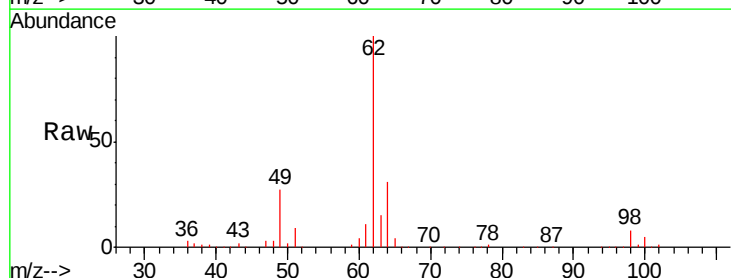
Acq: 27 Sep 2019 13:55

Tgt Ion: 62 Resp: 469098

Ion Ratio Lower Upper

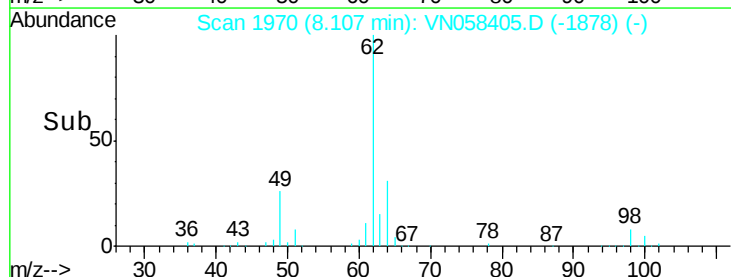
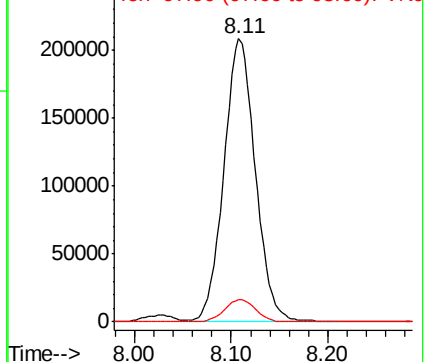
62 100

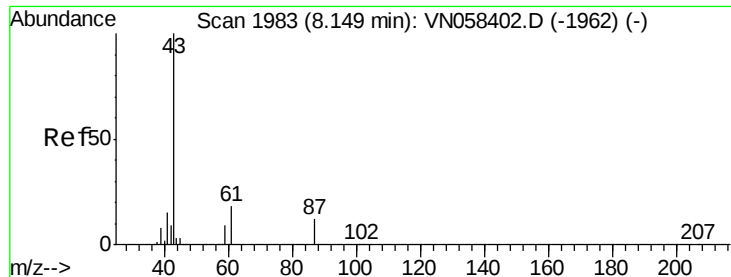
98 7.9 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 53.816 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

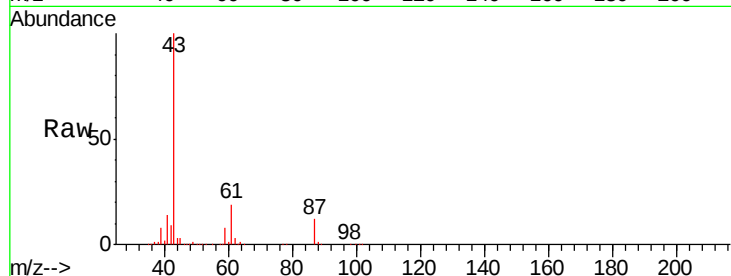
Tgt Ion: 43 Resp: 683873

Ion Ratio Lower Upper

43 100

61 19.1 14.8 22.2

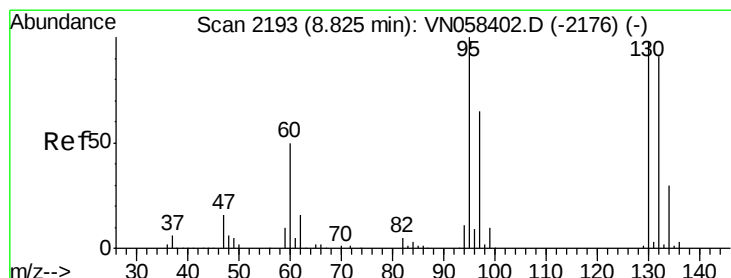
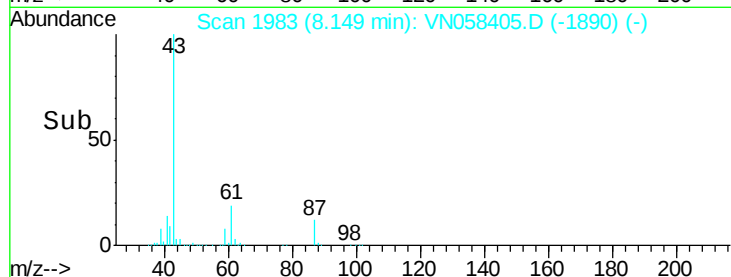
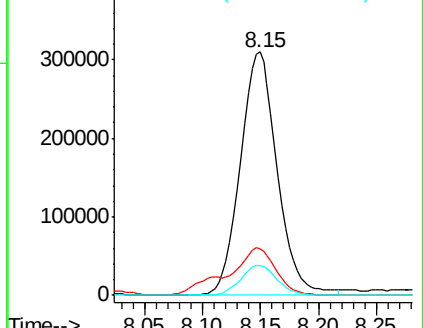
87 12.3 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN058405.D (-1890) (-)

Ion 61.00 (60.70 to 61.70): VN058405.D (-1890) (-)

Ion 87.00 (86.70 to 87.70): VN058405.D (-1890) (-)



#44

Trichloroethene

Concen: 60.432 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058405.D

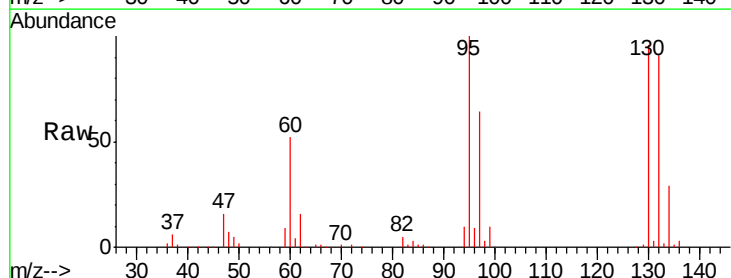
Acq: 27 Sep 2019 13:55

Tgt Ion: 130 Resp: 306638

Ion Ratio Lower Upper

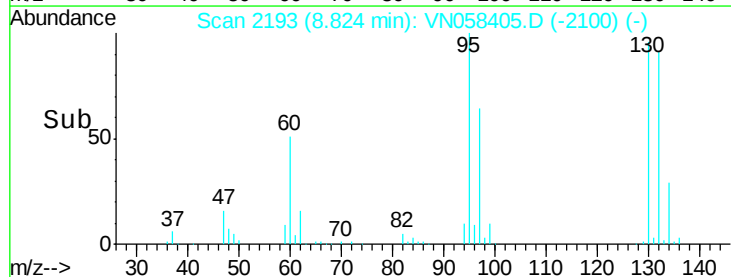
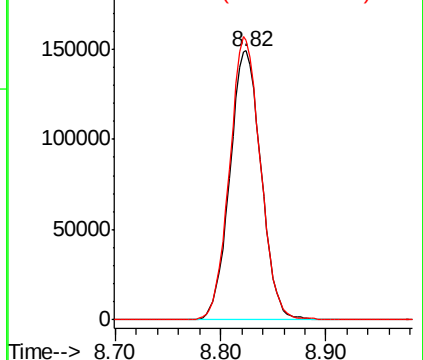
130 100

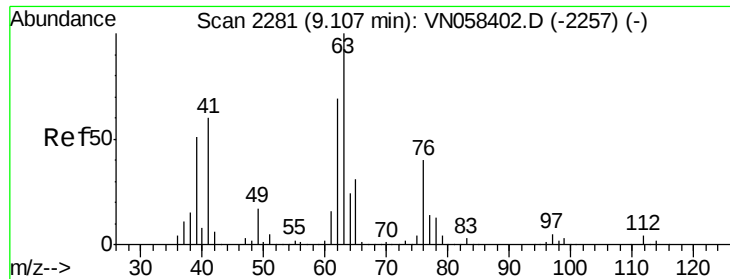
95 104.1 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058405.D (-2100) (-)

Ion 94.90 (94.60 to 95.60): VN058405.D (-2100) (-)

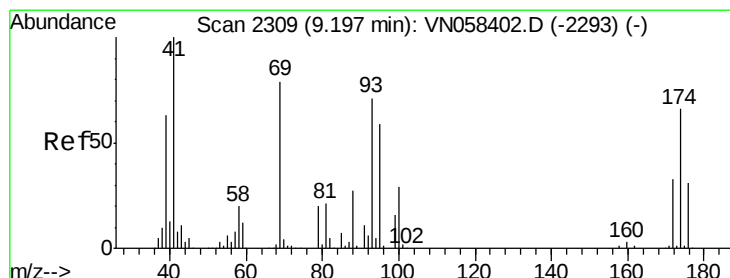
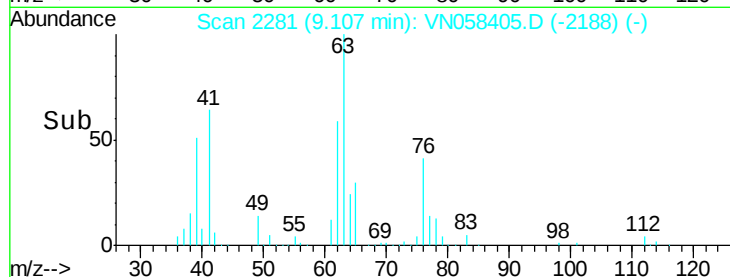
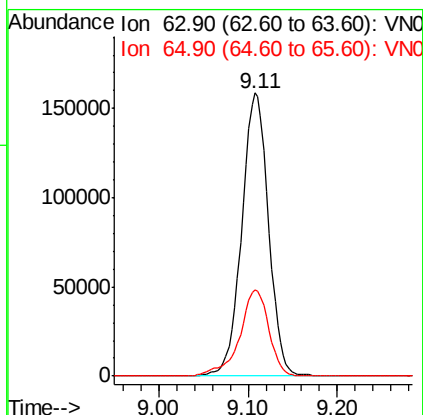
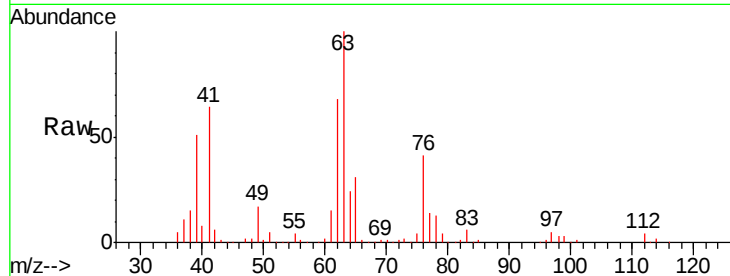




#45
 1,2-Dichloropropane
 Concen: 54.685 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

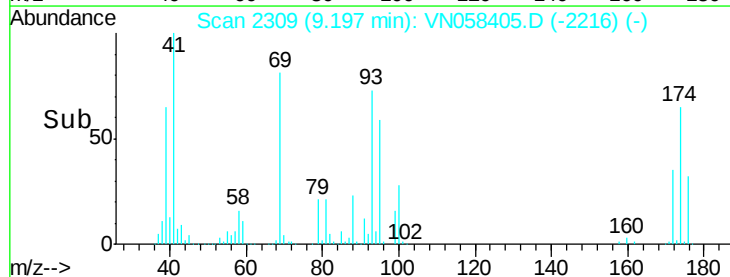
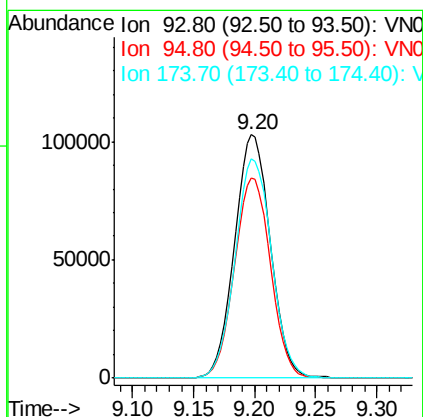
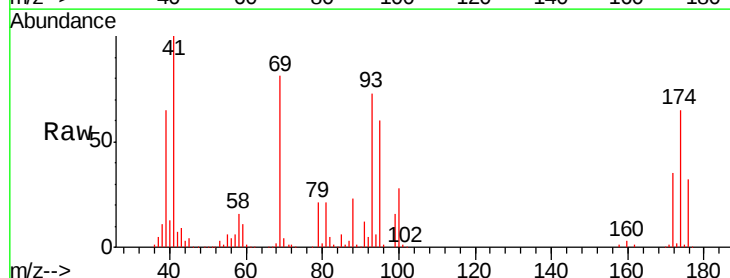
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

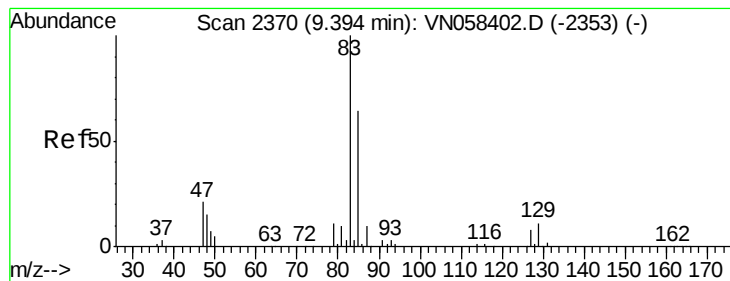
Tgt Ion: 63 Resp: 329369
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4



#46
 Dibromomethane
 Concen: 56.662 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion: 93 Resp: 209188
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.0 100.4
 174 92.0 74.2 111.2





#47

Bromodichloromethane

Concen: 55.851 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

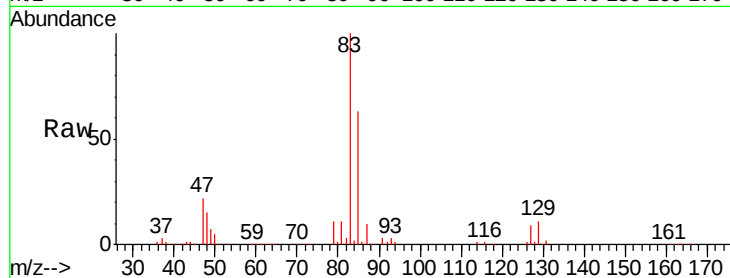
Tgt Ion: 83 Resp: 424397

Ion Ratio Lower Upper

83 100

85 63.3 51.2 76.8

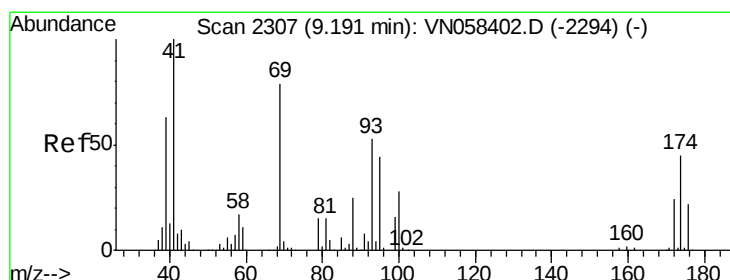
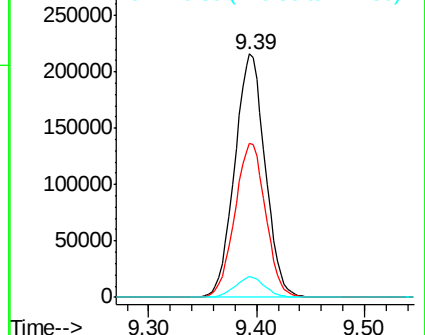
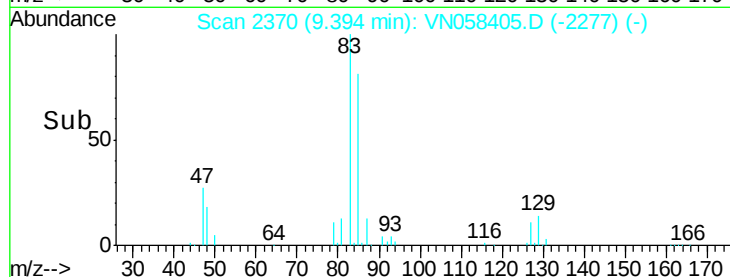
127 8.5 6.3 9.5



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: 56.745 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

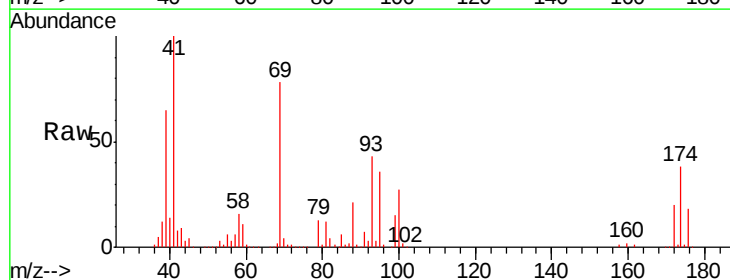
Tgt Ion: 41 Resp: 326980

Ion Ratio Lower Upper

41 100

69 81.3 64.7 97.1

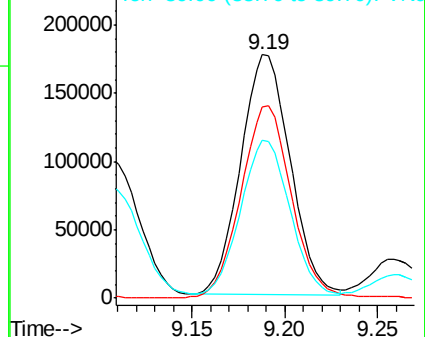
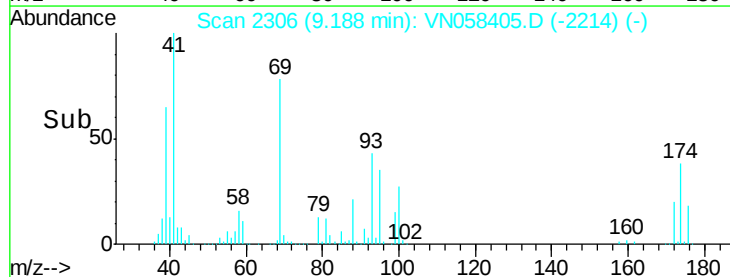
39 66.2 52.9 79.3

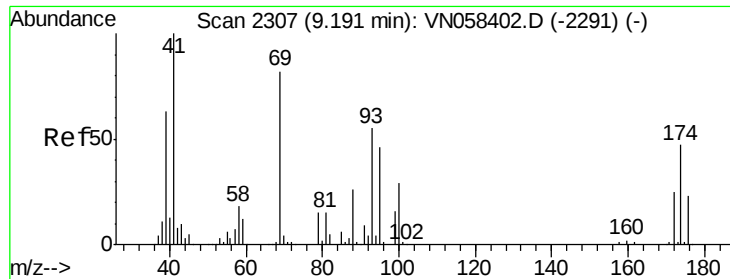


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

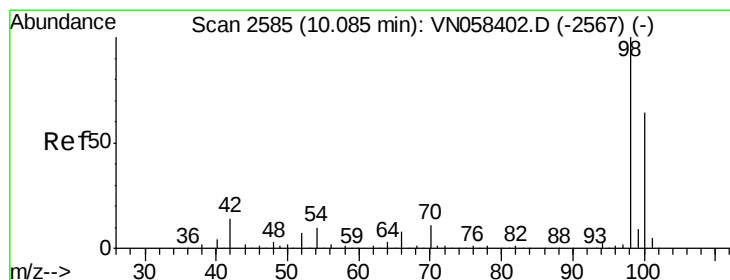
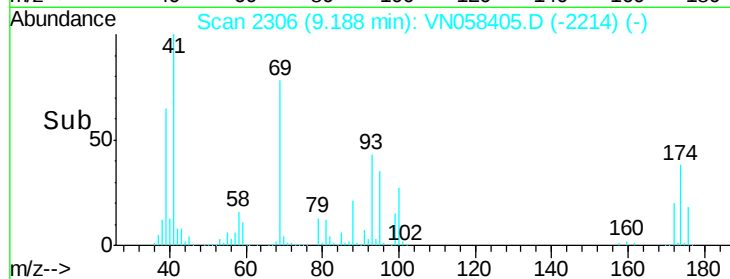
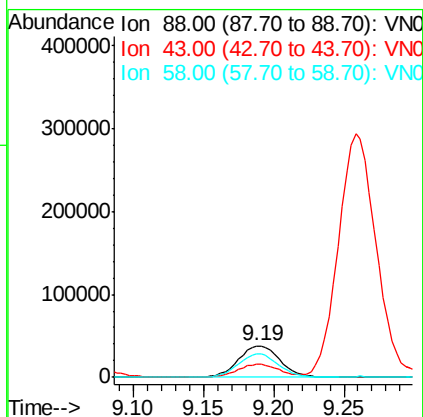
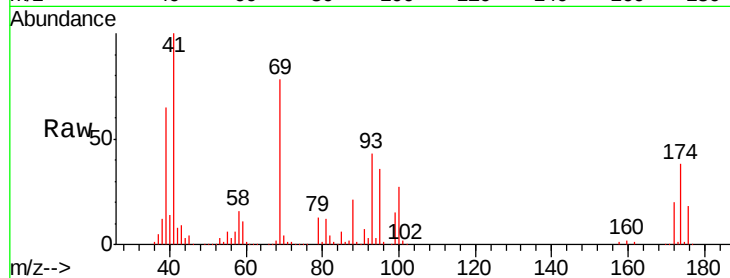




#49
 1,4-Dioxane
 Concen: 857.627 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

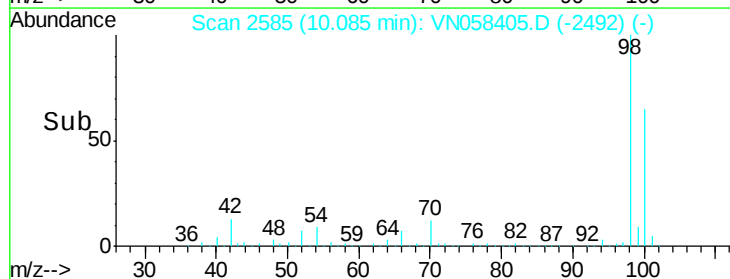
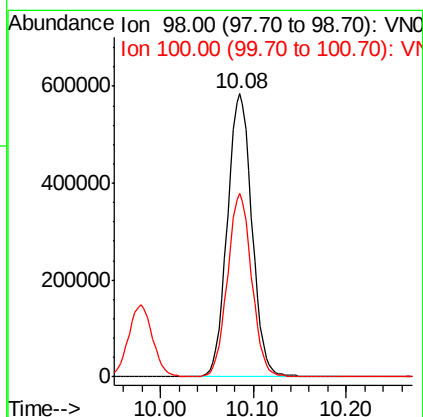
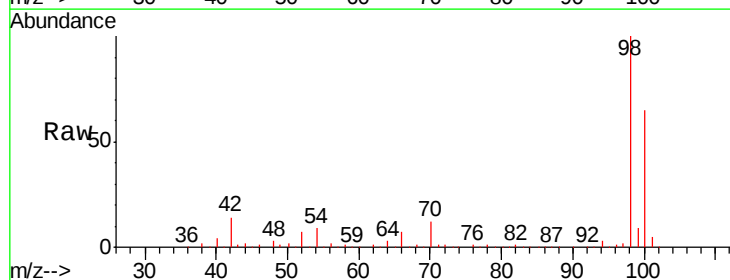
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

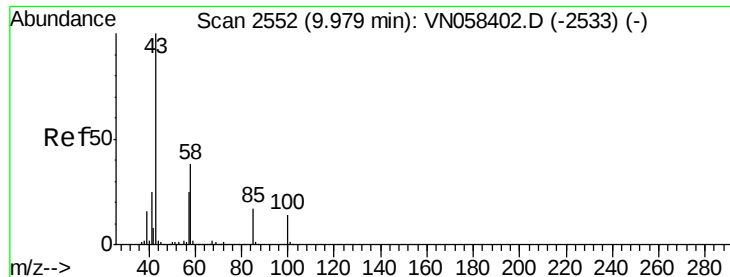
Tgt Ion: 88 Resp: 78406
 Ion Ratio Lower Upper
 88 100
 43 39.3 31.1 46.7
 58 73.2 58.1 87.1



#50
 Toluene-d8
 Concen: 50.972 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion: 98 Resp: 1076285
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 295.361 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

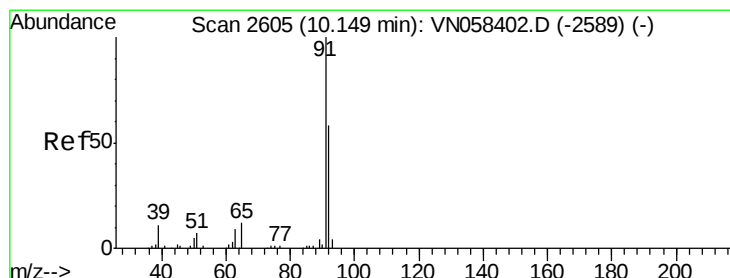
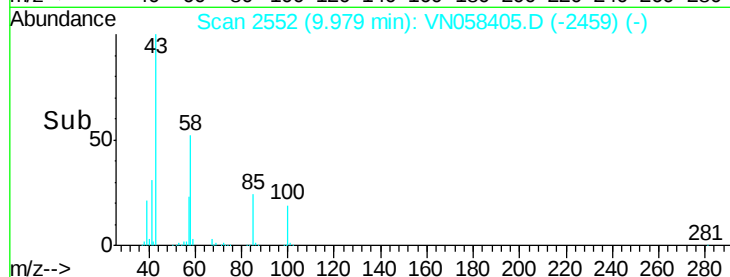
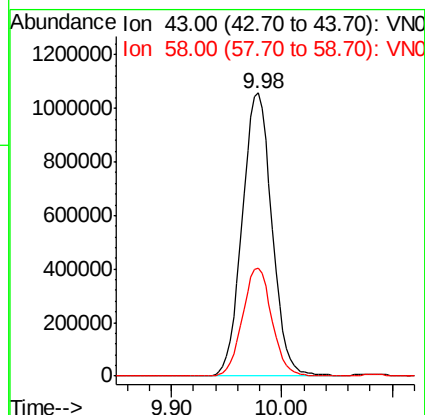
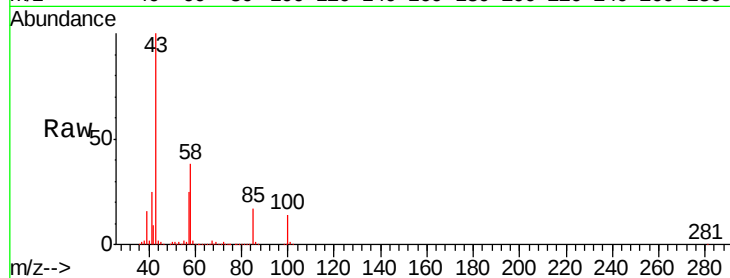
ICVVN092719

Tgt Ion: 43 Resp: 1971809

Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.2



#52

Toluene

Concen: 59.664 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058405.D

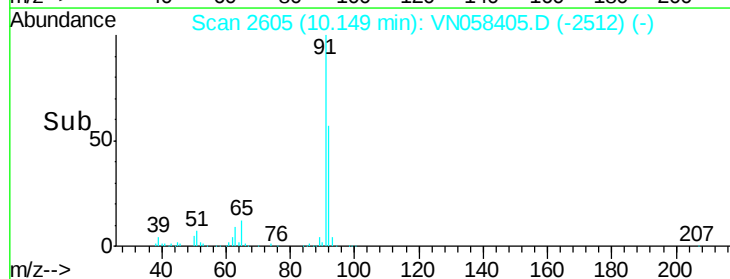
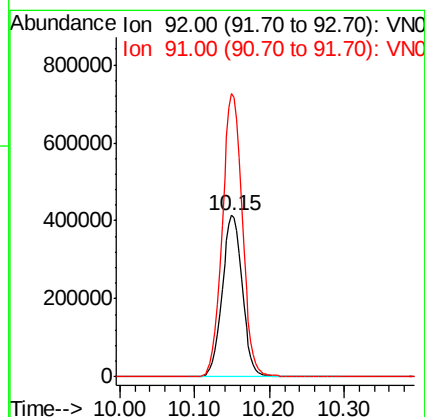
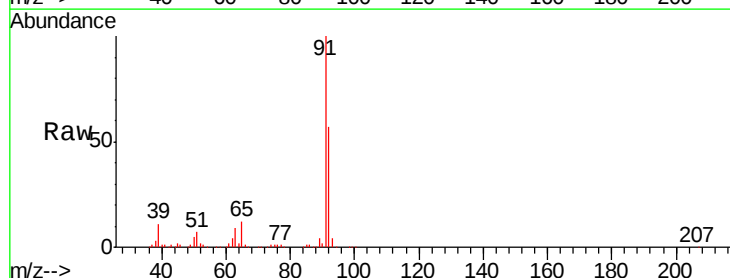
Acq: 27 Sep 2019 13:55

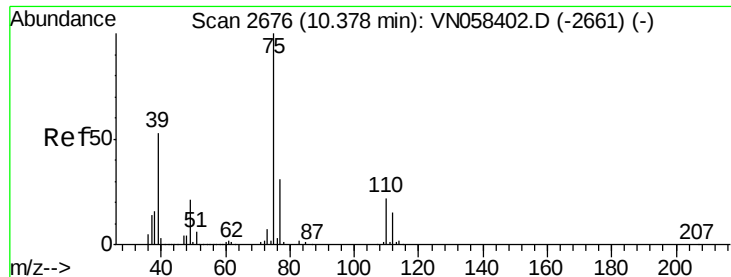
Tgt Ion: 92 Resp: 768360

Ion Ratio Lower Upper

92 100

91 175.1 140.2 210.4

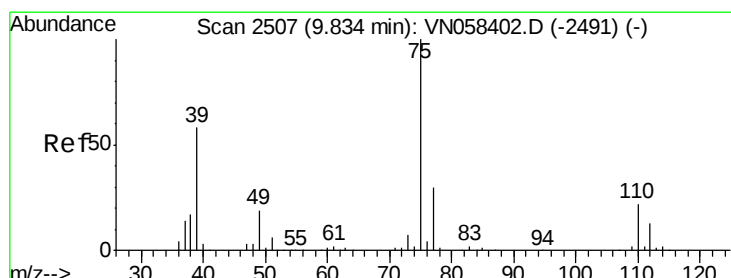
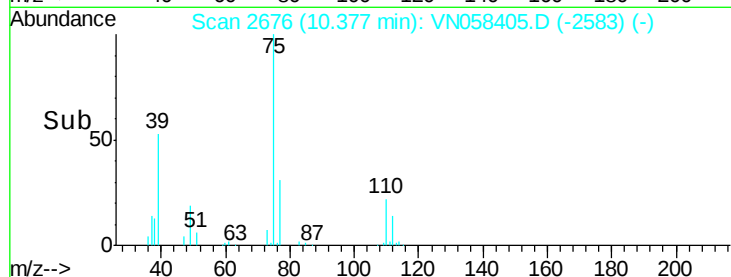
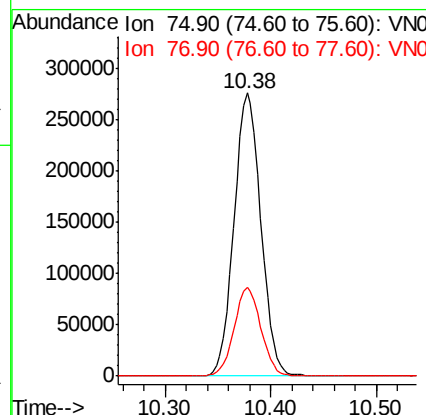
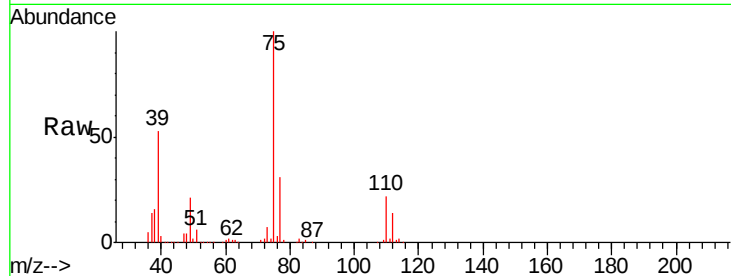




#53
t-1,3-Dichloropropene
Concen: 61.423 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

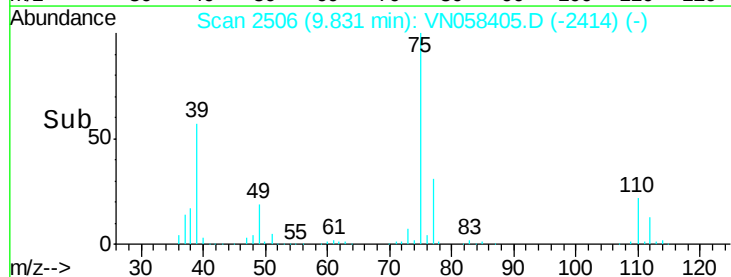
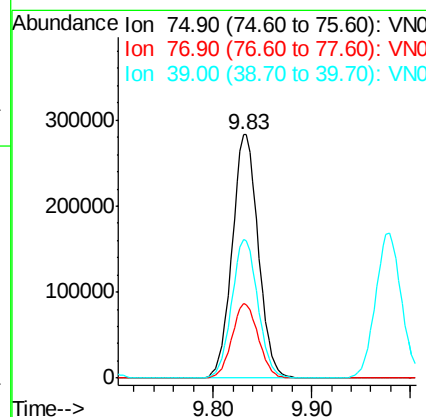
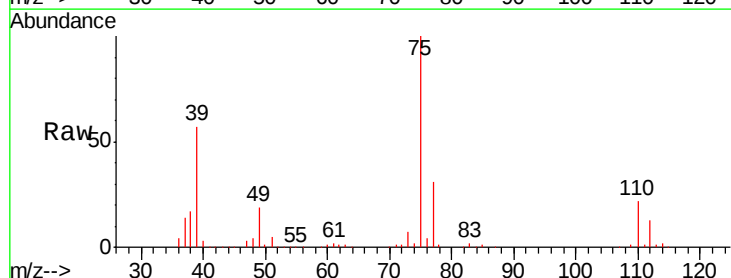
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

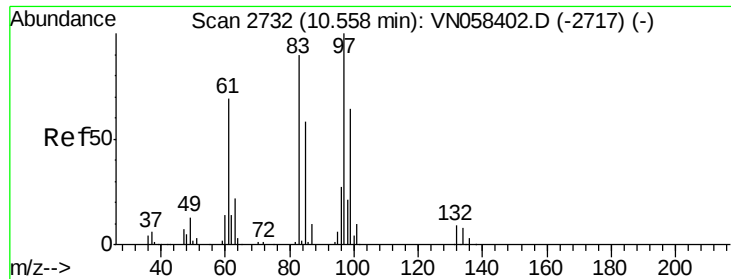
Tgt Ion: 75 Resp: 484919
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 59.938 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 75 Resp: 523849
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4
39 57.0 46.4 69.6

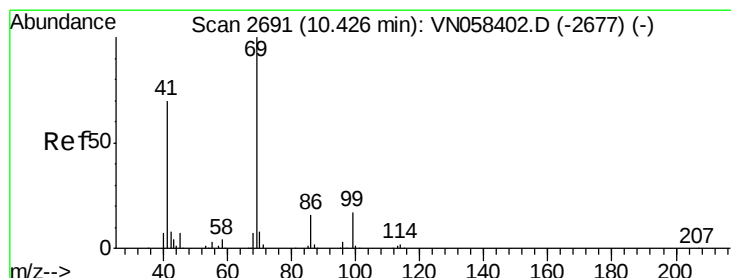
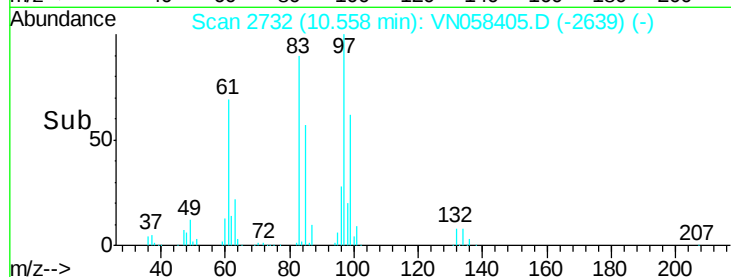
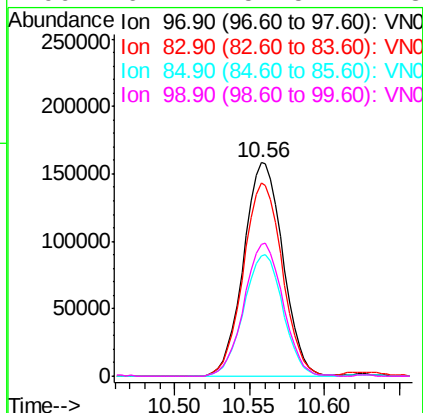
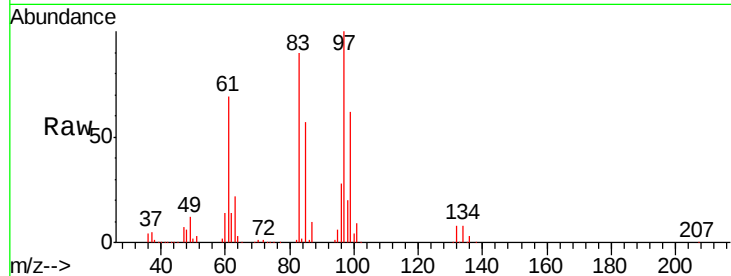




#55
 1,1,2-Trichloroethane
 Concen: 52.554 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

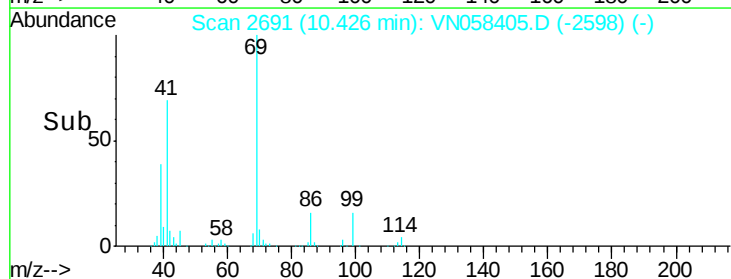
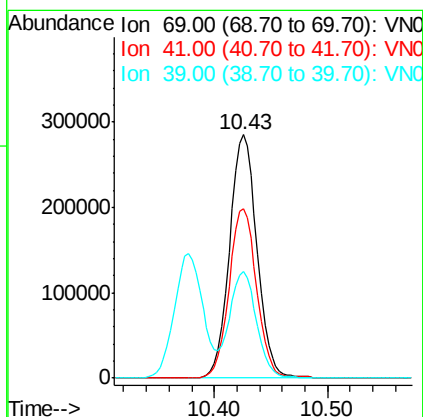
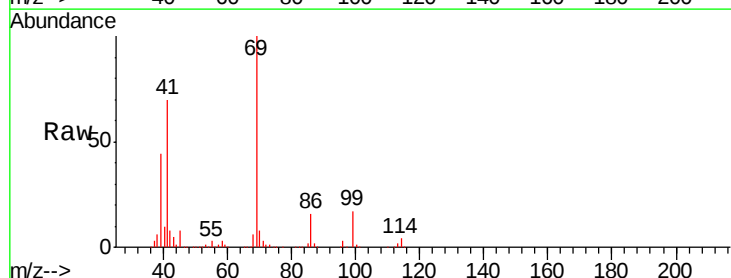
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

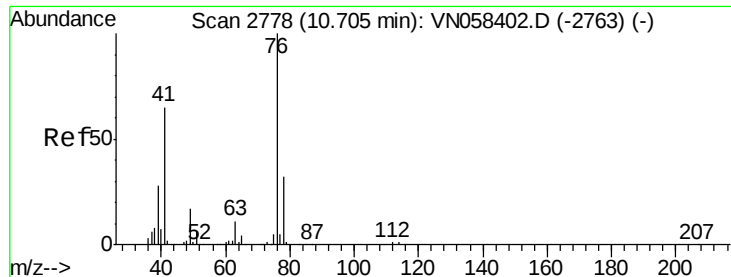
Tgt Ion:	97	Resp:	290245
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.8	107.6
85	56.6	46.6	69.8
99	61.7	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 59.817 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion:	69	Resp:	479958
Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.3	84.5
39	42.7	35.8	53.6





#57

1,3-Dichloropropane

Concen: 54.298 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

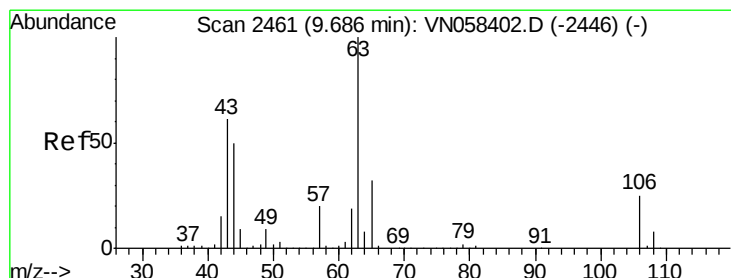
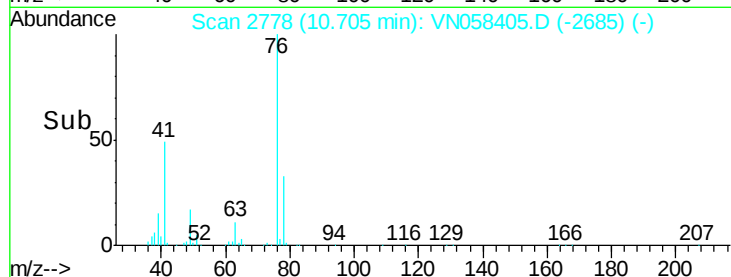
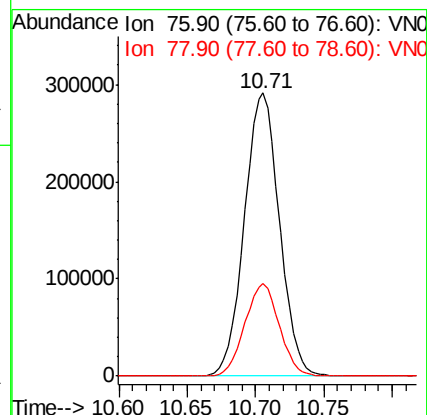
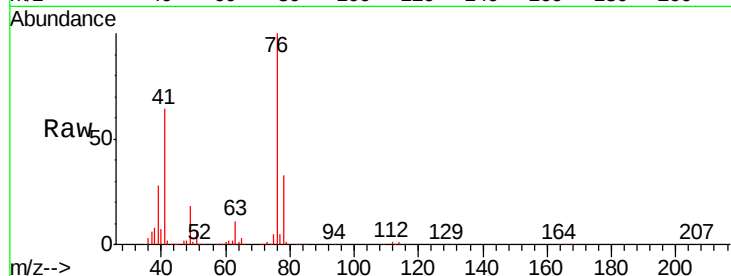
ICVVN092719

Tgt Ion: 76 Resp: 519663

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 255.630 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN058405.D

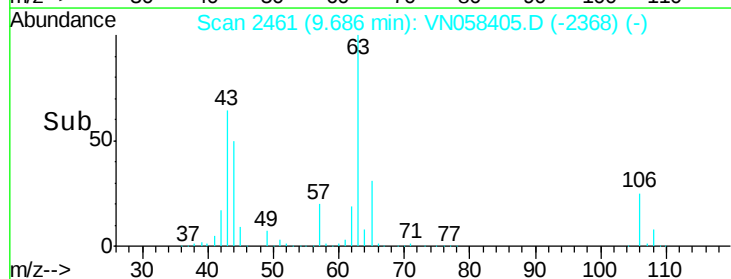
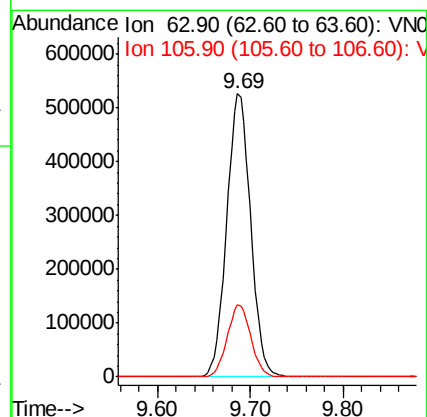
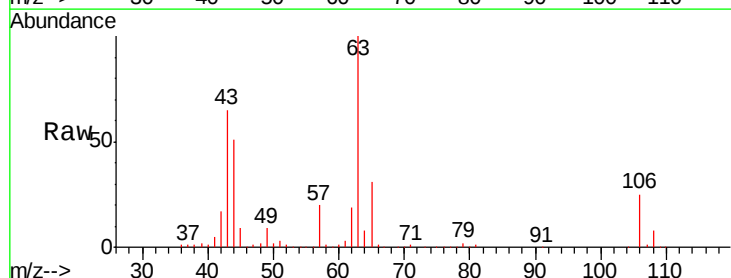
Acq: 27 Sep 2019 13:55

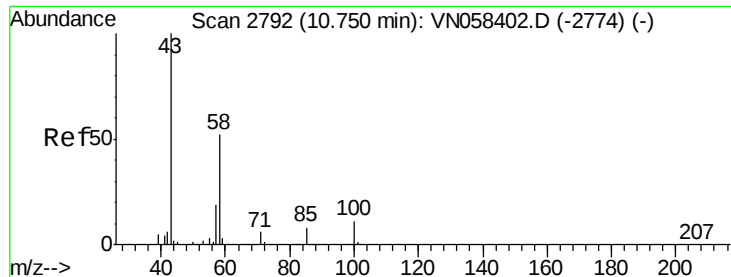
Tgt Ion: 63 Resp: 938790

Ion Ratio Lower Upper

63 100

106 25.3 20.3 30.5

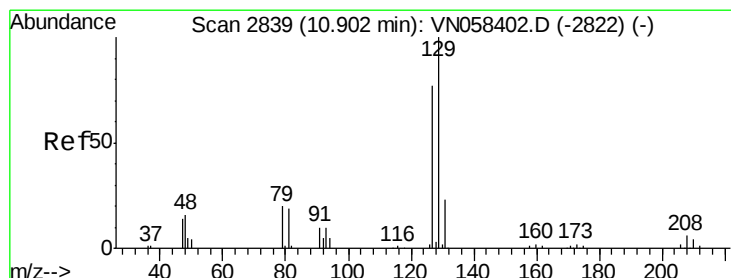
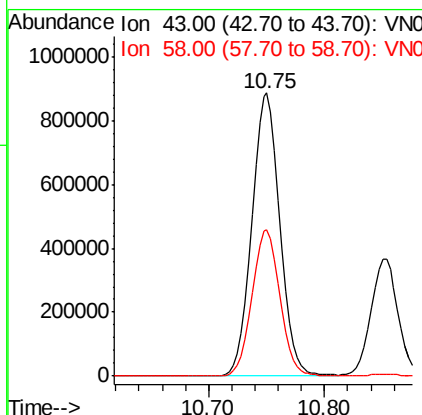
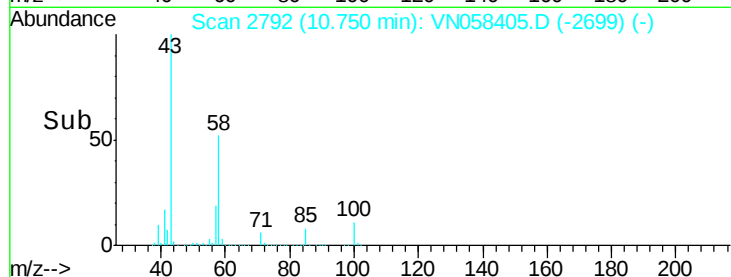
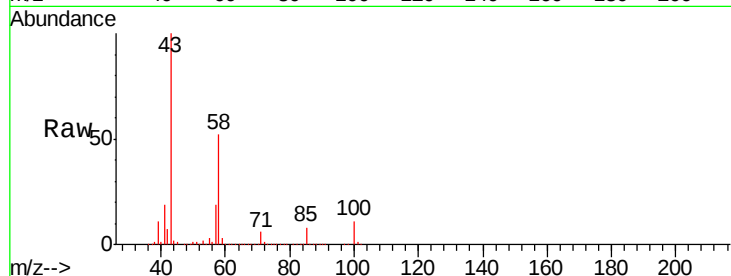




#59
2-Hexanone
Concen: 302.138 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

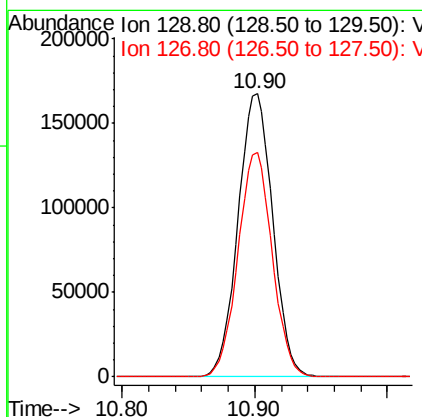
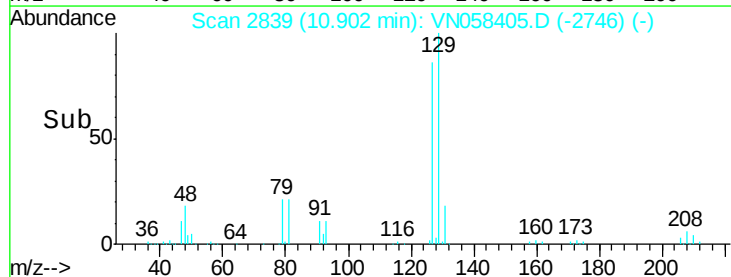
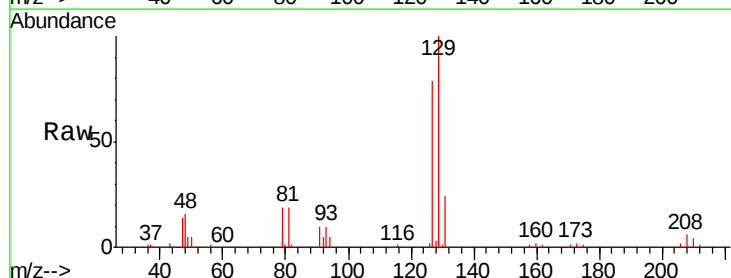
Instrument :
MSVOA_N
ClientSampled :
ICVVN092719

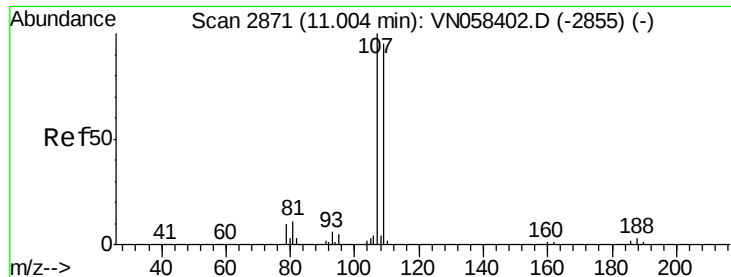
Tgt Ion: 43 Resp: 1494347
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3



#60
Dibromochloromethane
Concen: 57.379 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 129 Resp: 305035
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8

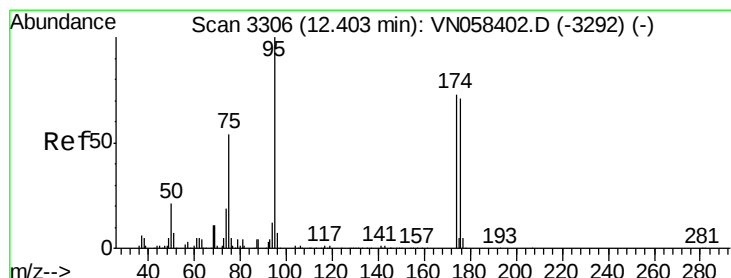
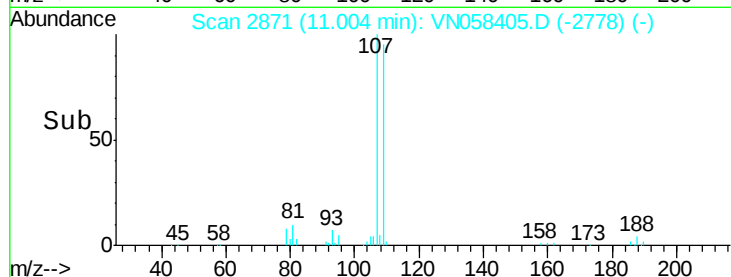
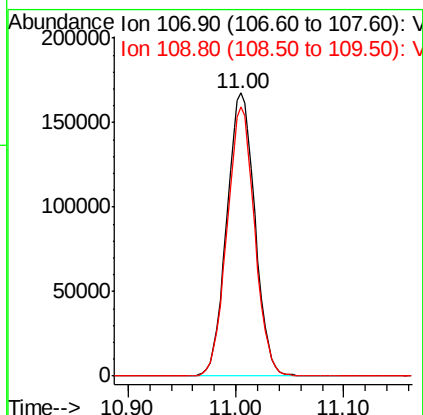
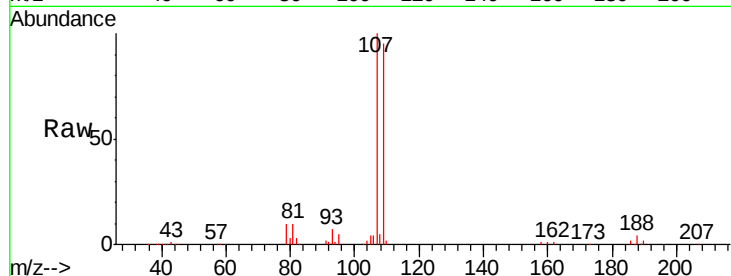




#61
 1,2-Dibromoethane
 Concen: 58.392 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

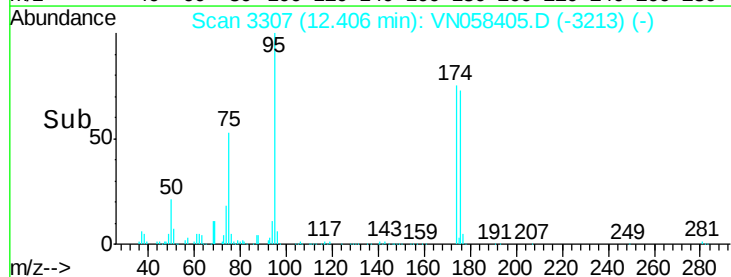
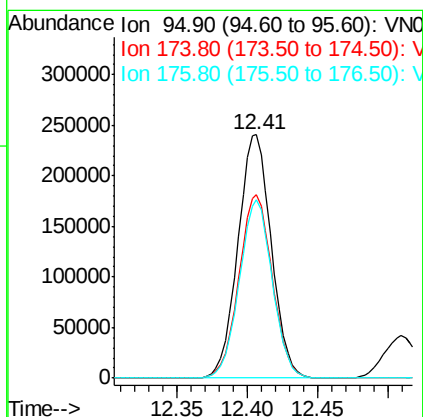
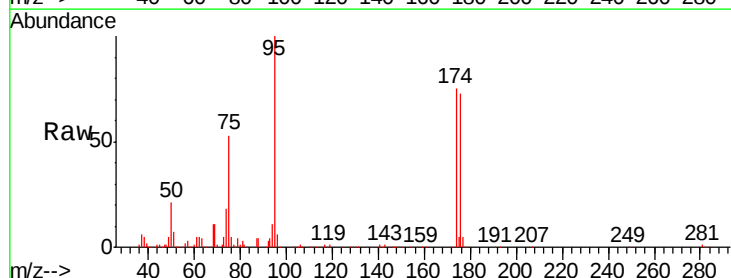
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

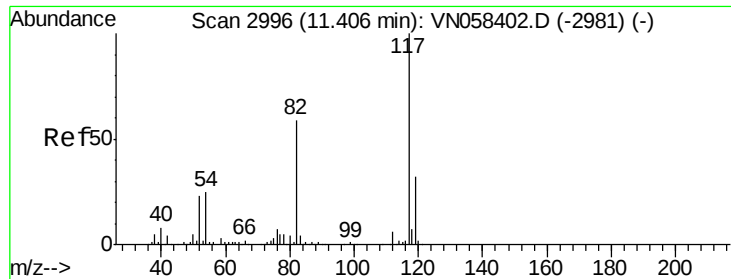
Tgt Ion: 107 Resp: 304958
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.110 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion: 95 Resp: 399717
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 150.6
 176 72.2 0.0 146.2

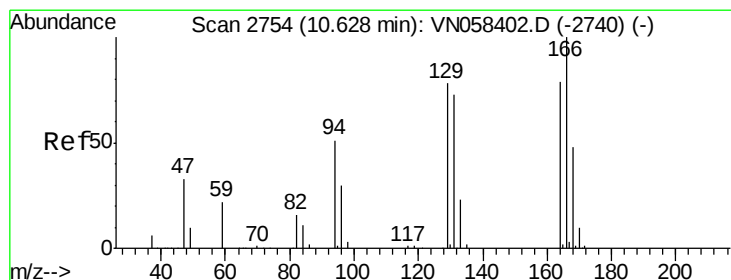
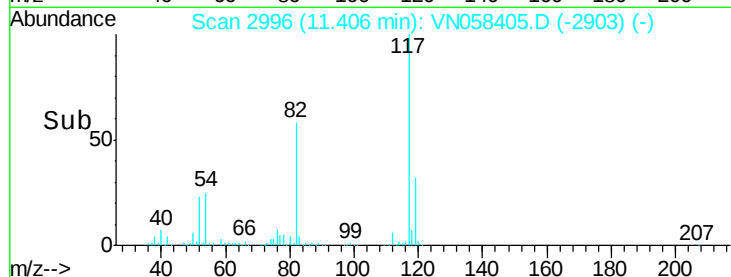
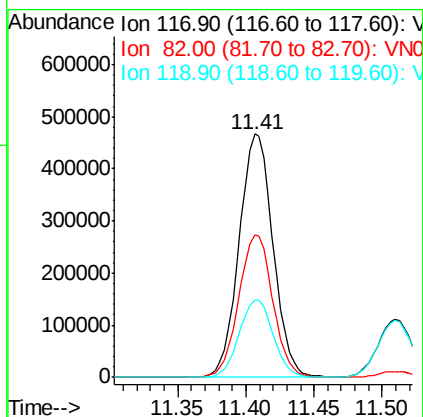
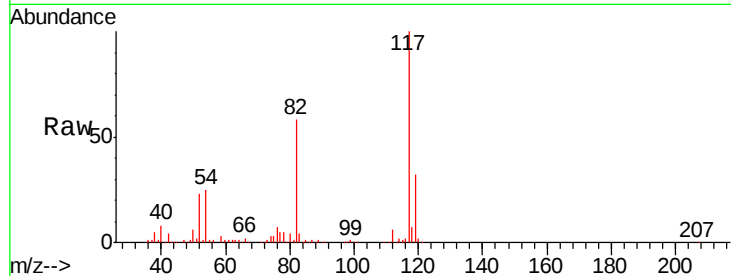




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

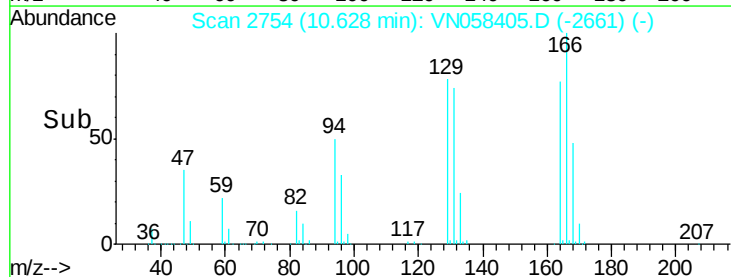
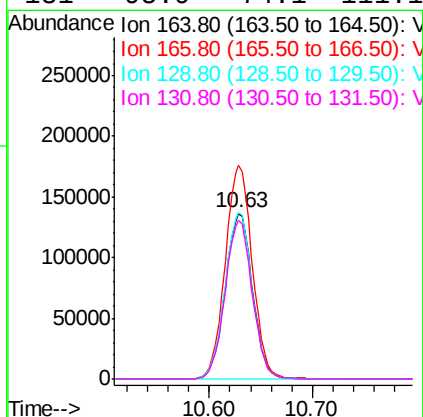
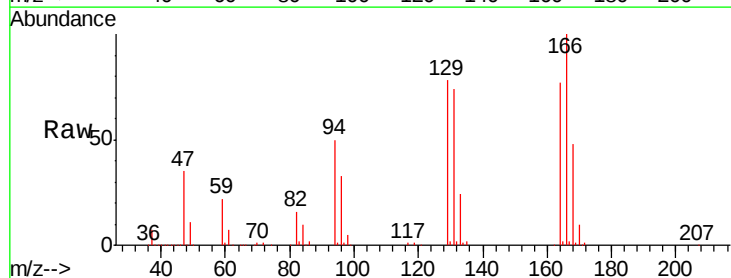
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

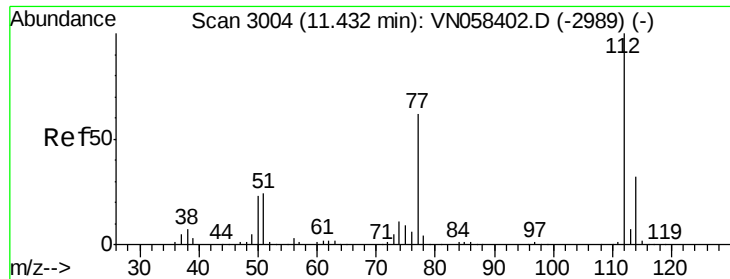
Tgt Ion:117 Resp: 806183
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 60.174 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion:164 Resp: 251159
Ion Ratio Lower Upper
164 100
166 129.4 101.1 151.7
129 101.2 79.2 118.8
131 95.9 74.1 111.1

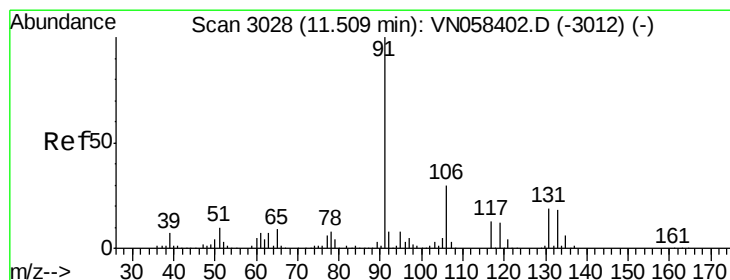
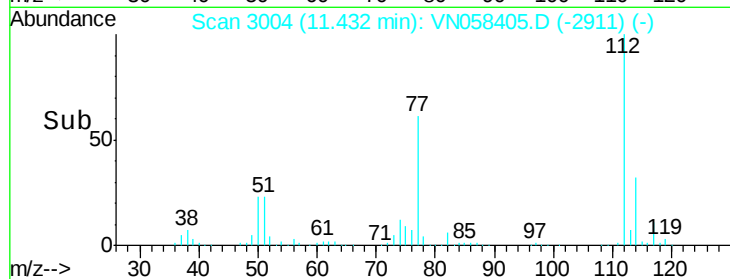
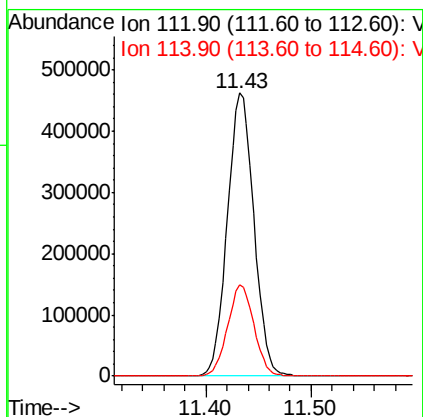
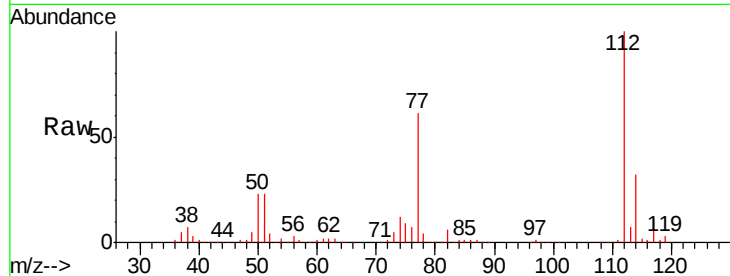




#65
Chlorobenzene
Concen: 55.047 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

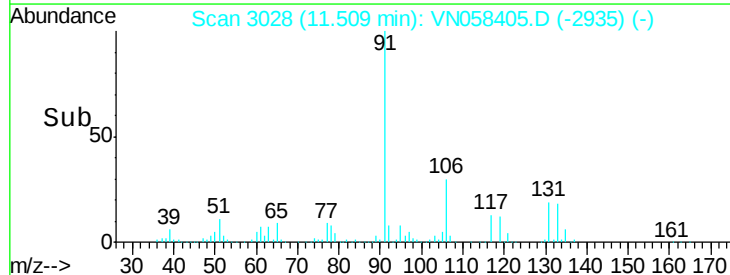
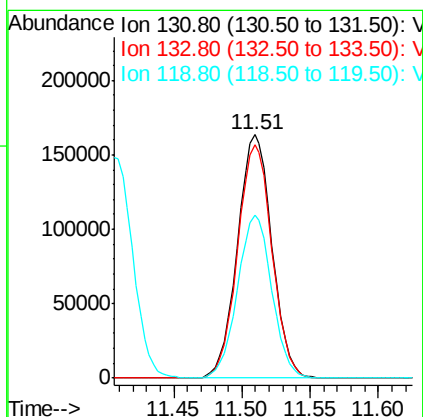
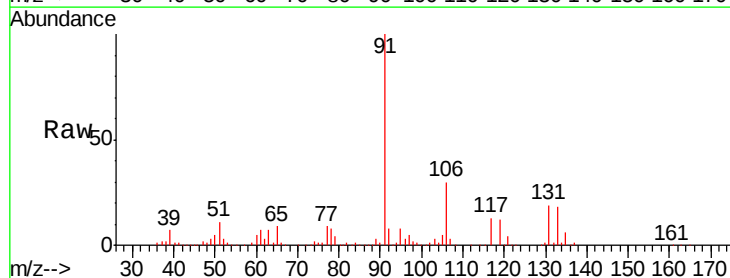
Instrument :
MSVOA_N
ClientSampled :
ICVVN092719

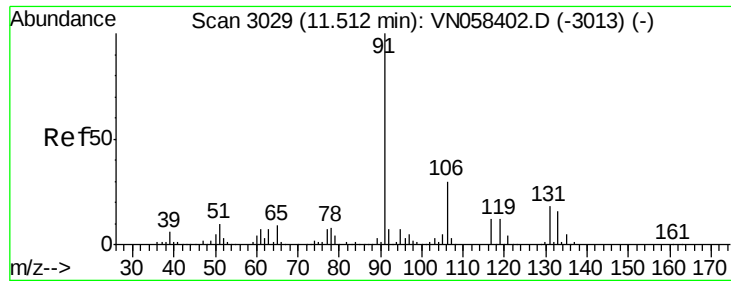
Tgt Ion:112 Resp: 804299
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.935 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion:131 Resp: 286569
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 66.6 33.0 99.0

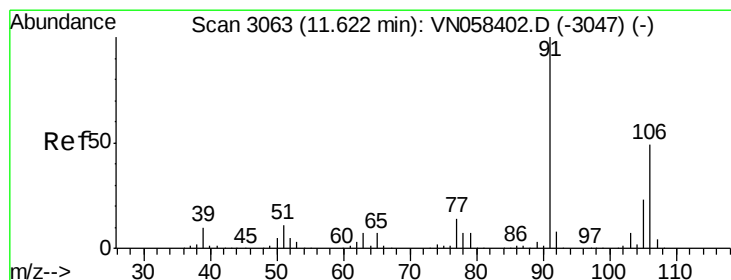
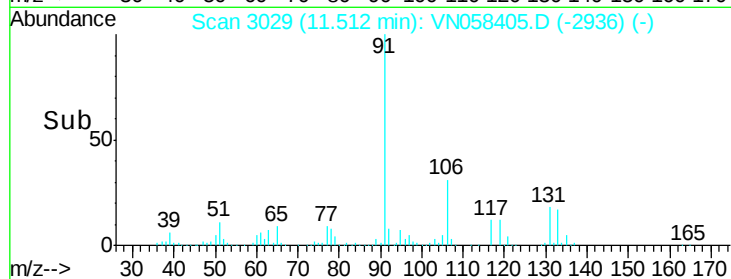
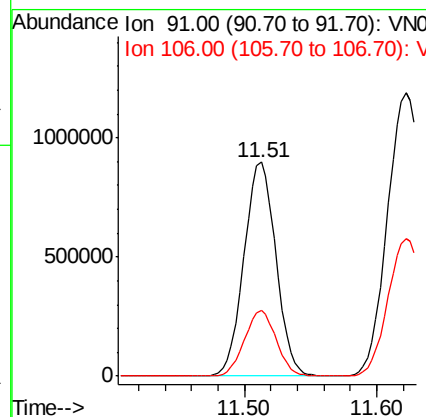
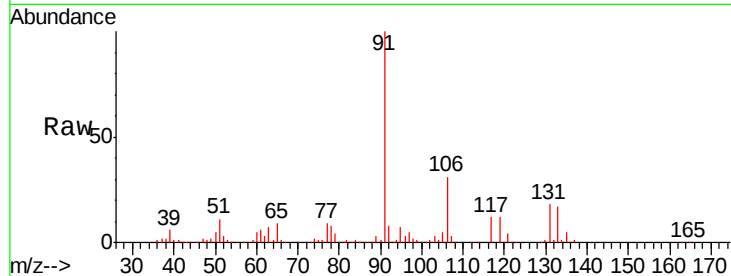




#67
Ethyl Benzene
Concen: 59.545 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

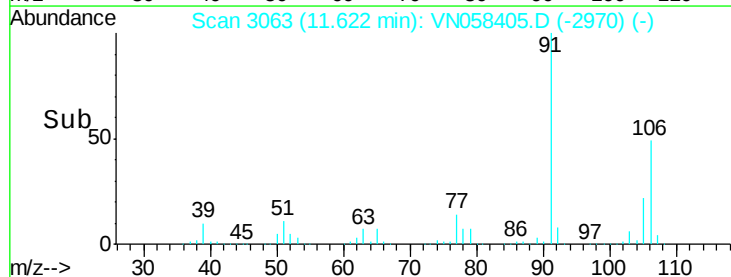
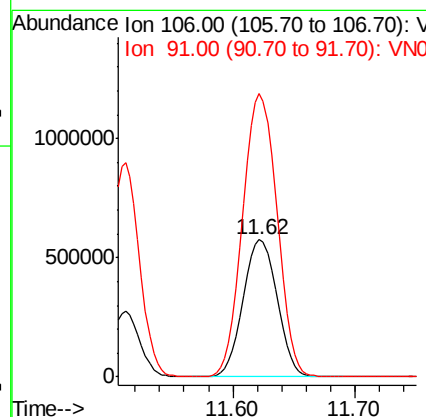
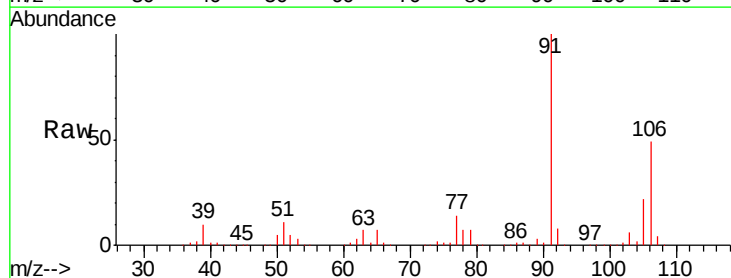
Instrument :
MSVOA_N
ClientSampled :
ICVVN092719

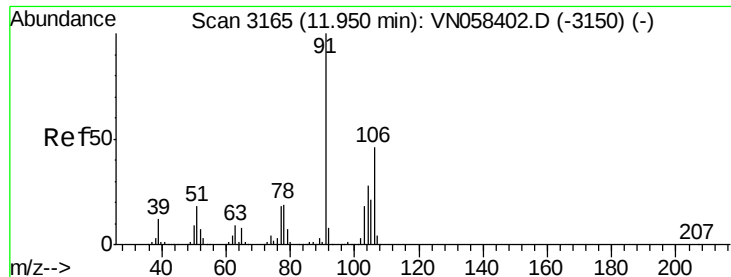
Tgt Ion: 91 Resp: 1503123
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 116.698 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion: 106 Resp: 1110947
Ion Ratio Lower Upper
106 100
91 208.7 165.0 247.4





#69

o-Xylene

Concen: 57.867 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

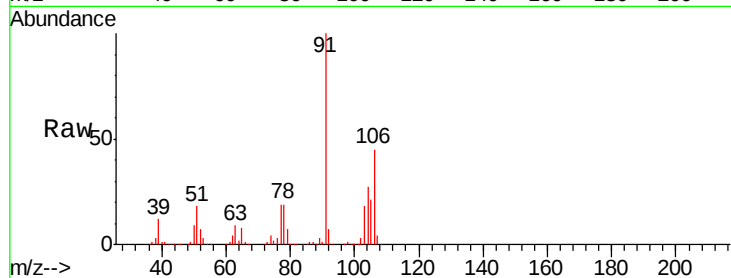
ICVVN092719

Tgt Ion:106 Resp: 538865

Ion Ratio Lower Upper

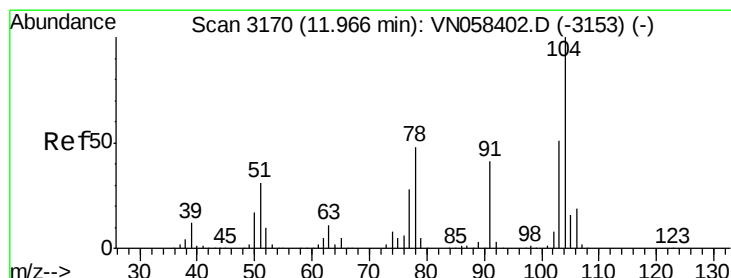
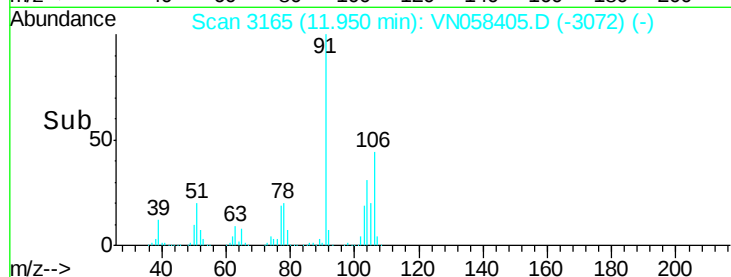
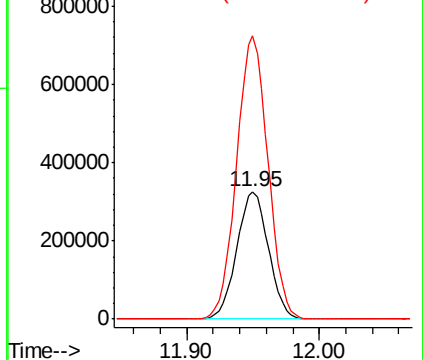
106 100

91 220.5 109.1 327.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 57.899 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

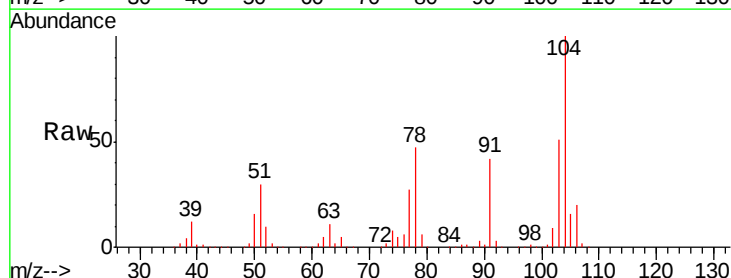
Tgt Ion:104 Resp: 918893

Ion Ratio Lower Upper

104 100

78 52.9 42.8 64.2

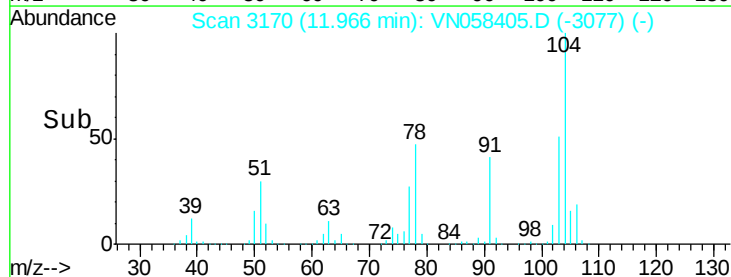
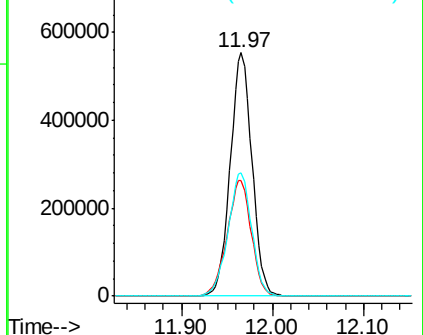
103 54.9 43.7 65.5

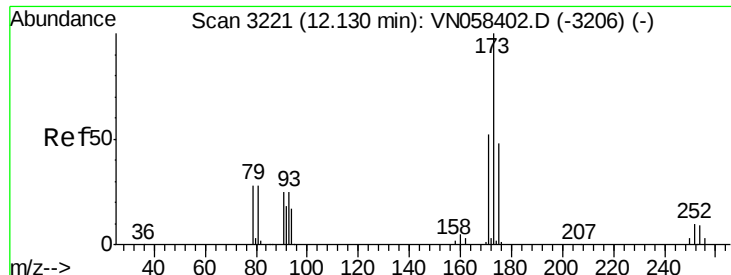


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

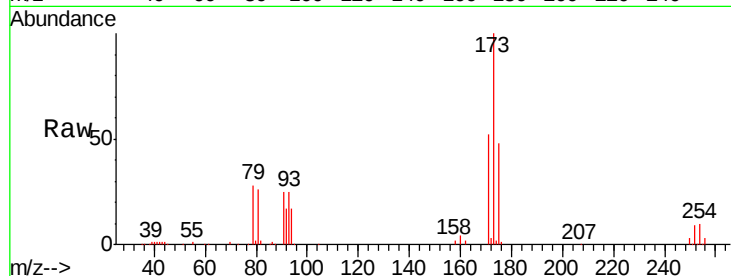




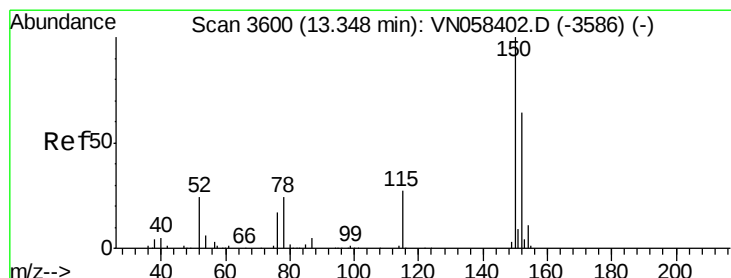
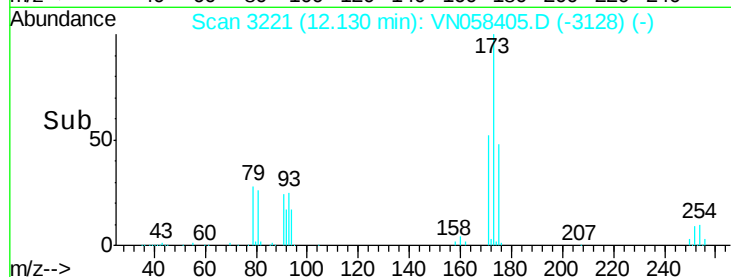
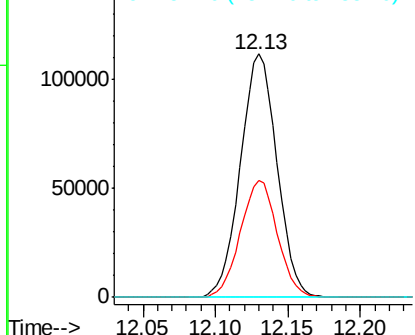
#71
Bromoform
Concen: 59.605 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Instrument :
MSVOA_N
ClientSampled :
ICVVN092719

Tgt Ion:173 Resp: 195755
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.1 0.1 0.1

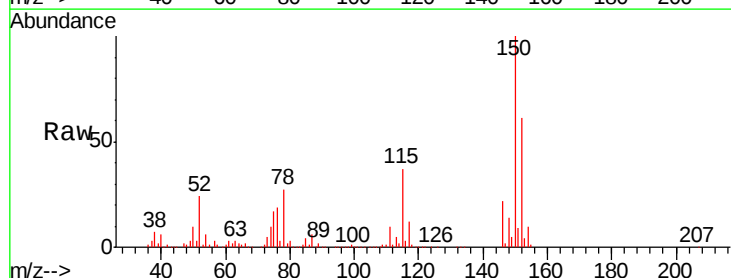


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

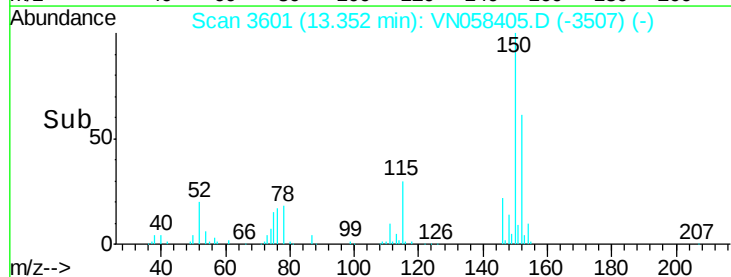
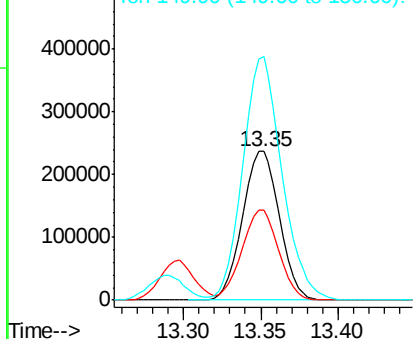


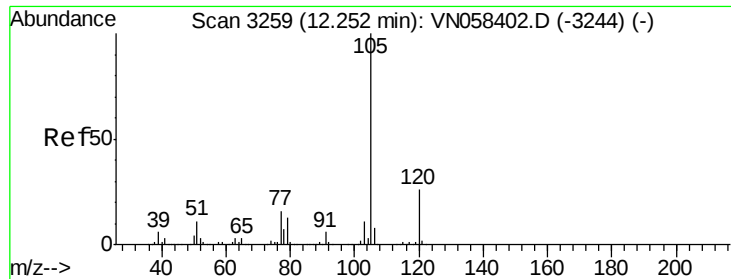
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion:152 Resp: 393972
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 173.6 0.0 348.2



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





#73

Isopropylbenzene

Concen: 57.271 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

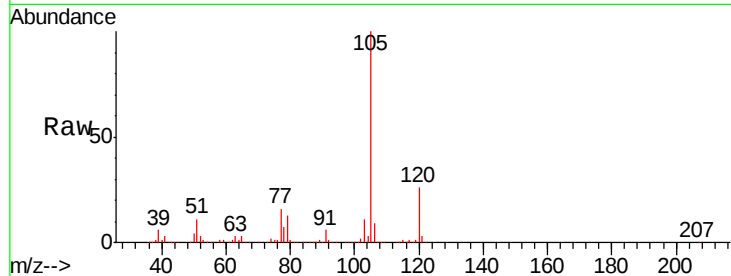
ICVVN092719

Tgt Ion: 105 Resp: 1460157

Ion Ratio Lower Upper

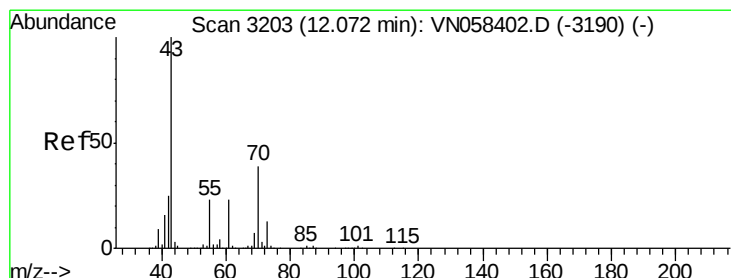
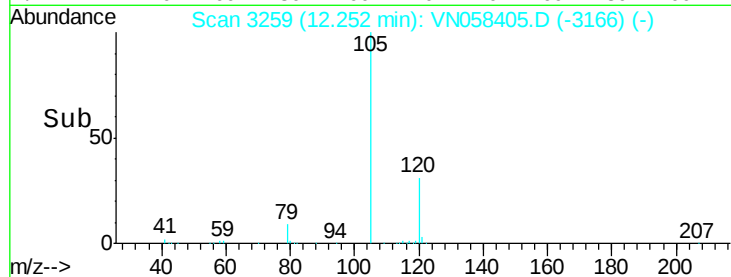
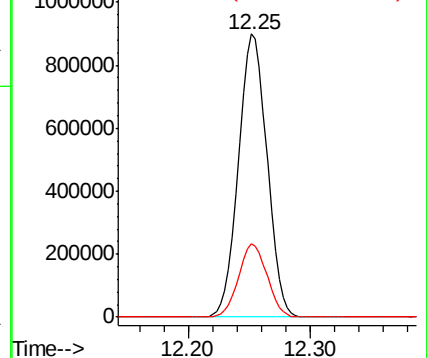
105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 59.116 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Tgt Ion: 43 Resp: 623119

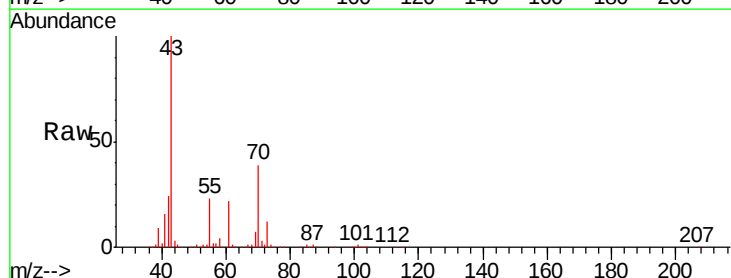
Ion Ratio Lower Upper

43 100

70 39.1 31.4 47.2

55 23.2 18.2 27.4

61 22.8 18.3 27.5

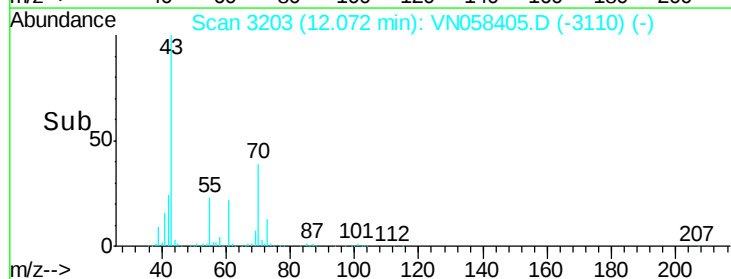
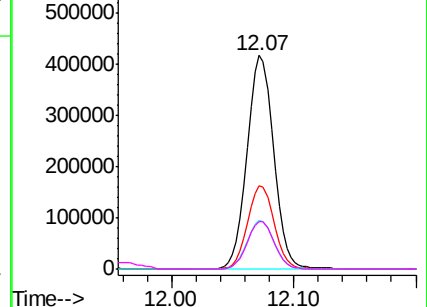


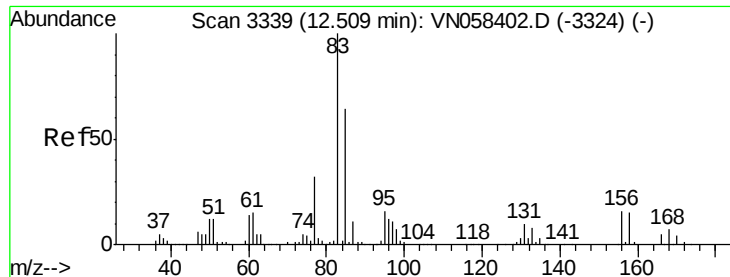
Abundance Ion 43.00 (42.70 to 43.70): V

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: 52.268 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

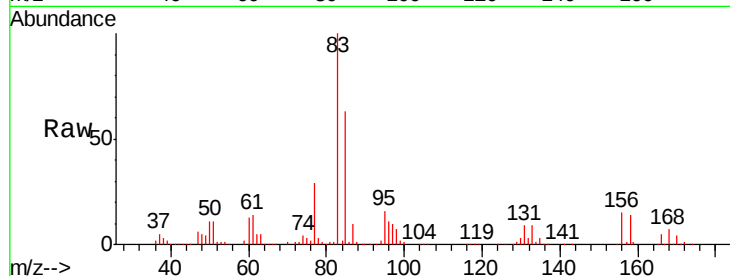
Tgt Ion: 83 Resp: 434880

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

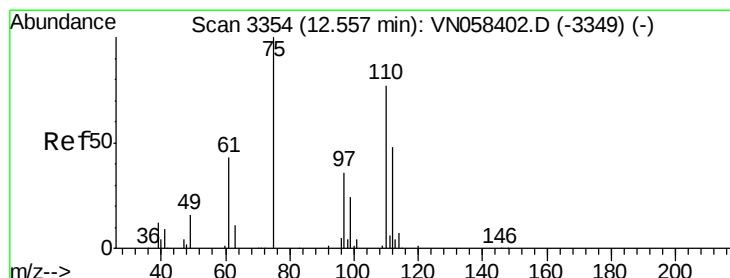
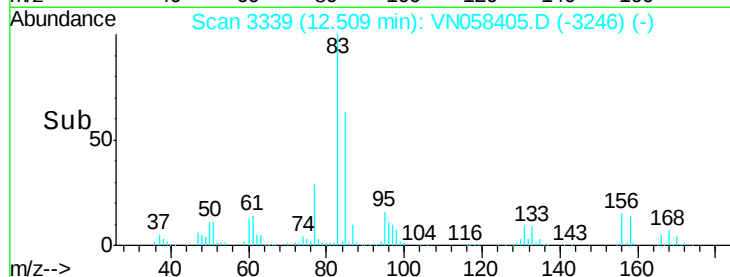
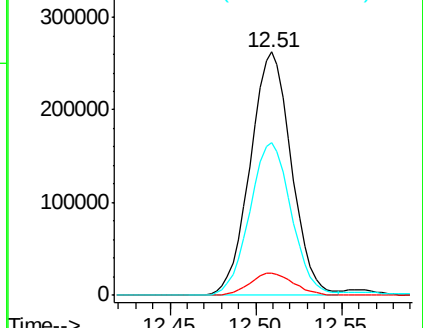
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 78.137 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN058405.D

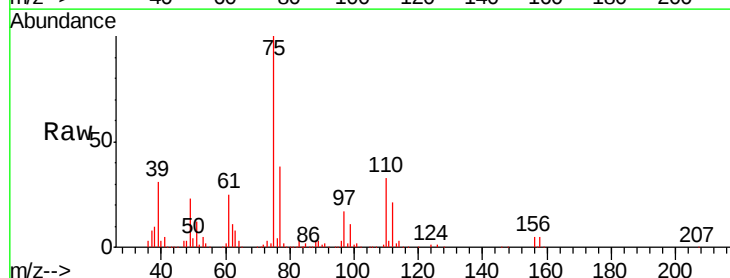
Acq: 27 Sep 2019 13:55

Tgt Ion: 75 Resp: 558808

Ion Ratio Lower Upper

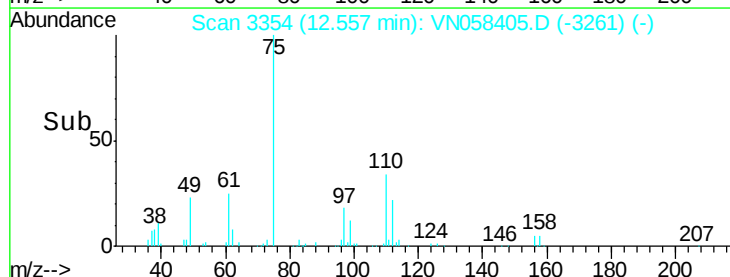
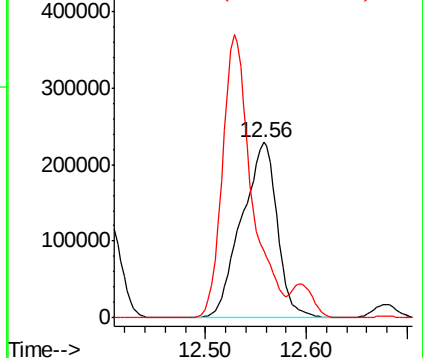
75 100

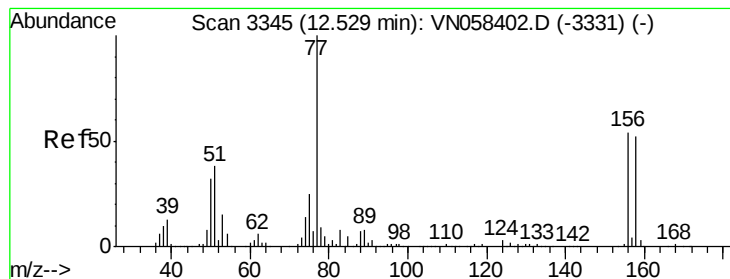
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 52.900 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

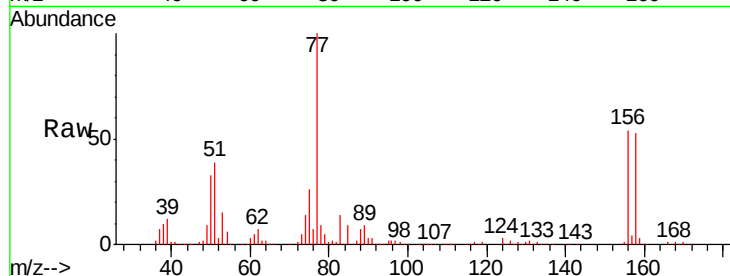
Tgt Ion:156 Resp: 336289

Ion Ratio Lower Upper

156 100

77 222.2 110.0 330.0

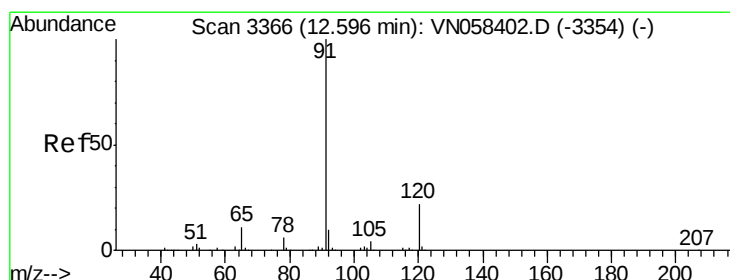
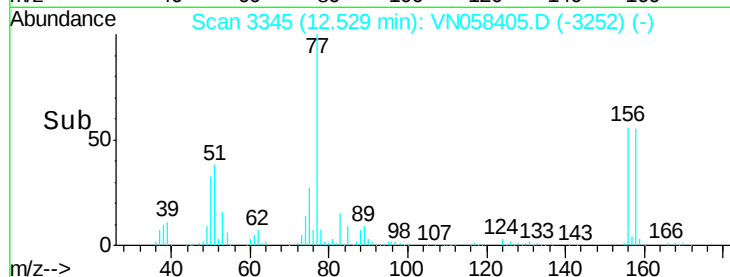
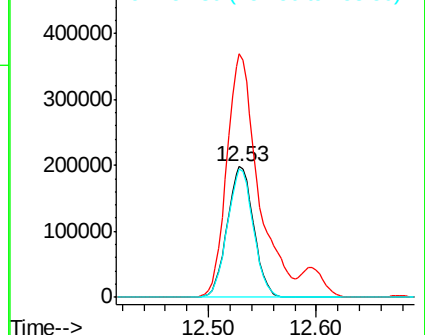
158 96.9 47.9 143.8



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: 59.418 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN058405.D

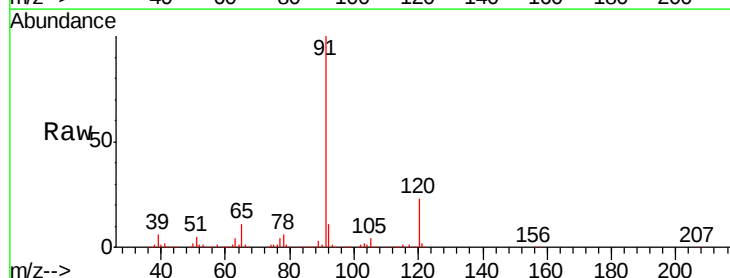
Acq: 27 Sep 2019 13:55

Tgt Ion: 91 Resp: 1722624

Ion Ratio Lower Upper

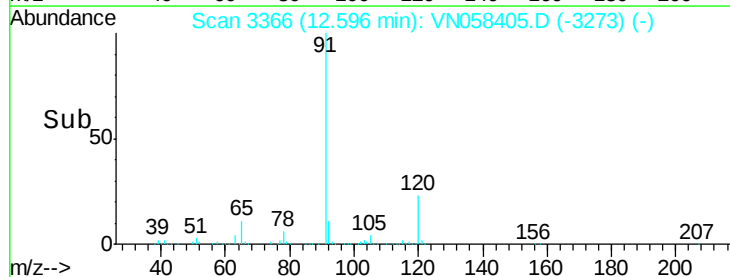
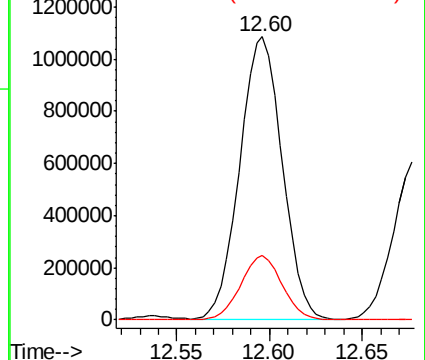
91 100

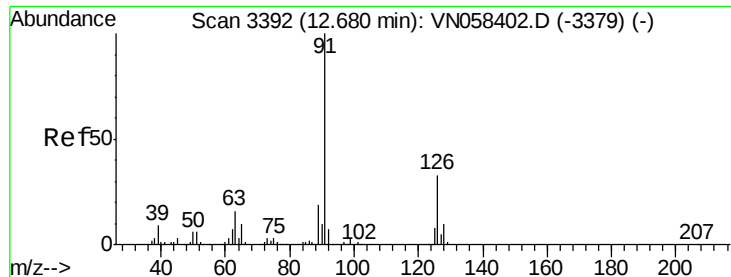
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.389 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampled :

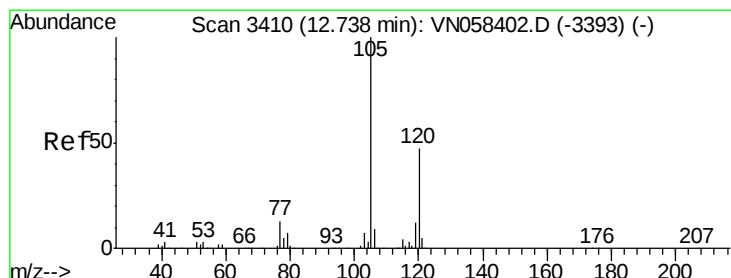
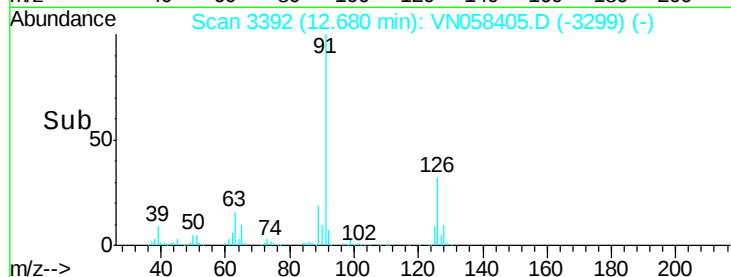
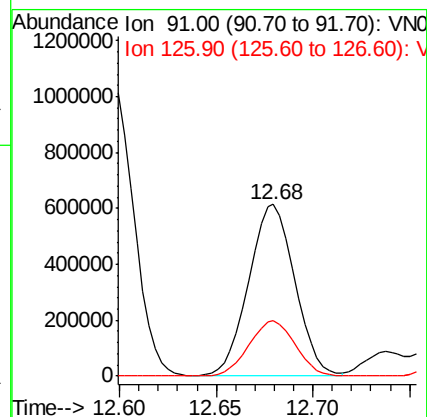
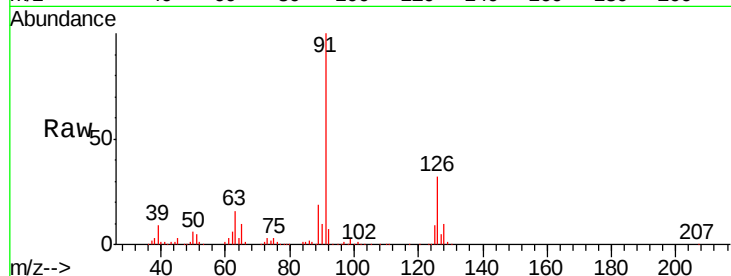
ICVVN092719

Tgt Ion: 91 Resp: 1016100

Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 58.312 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058405.D

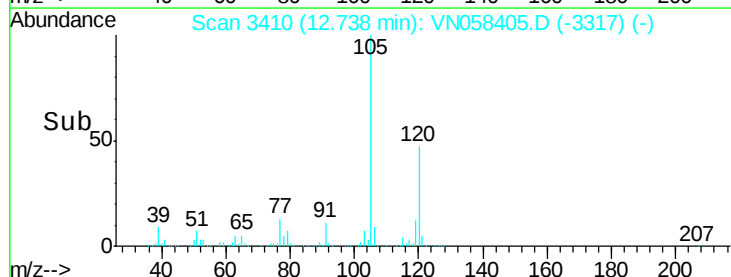
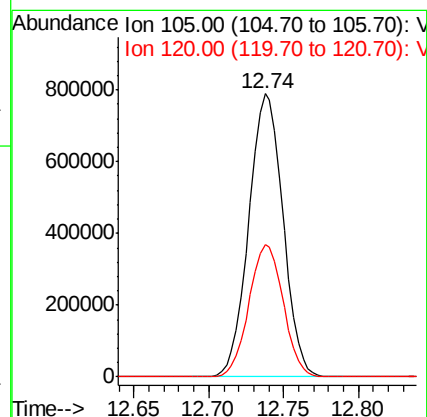
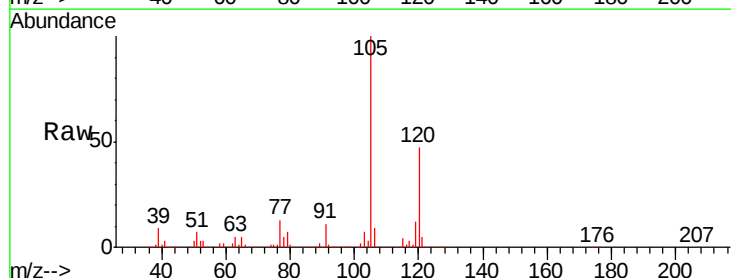
Acq: 27 Sep 2019 13:55

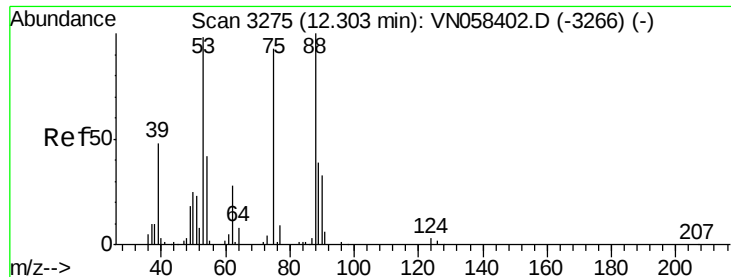
Tgt Ion: 105 Resp: 1253079

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 59.965 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

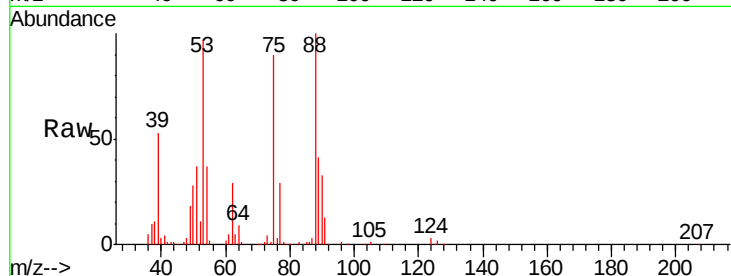
Tgt Ion: 75 Resp: 131909

Ion Ratio Lower Upper

75 100

53 109.3 85.4 128.0

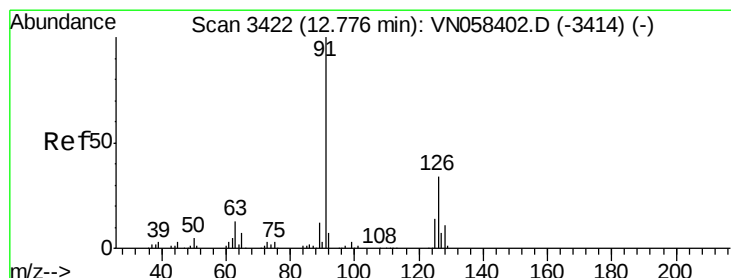
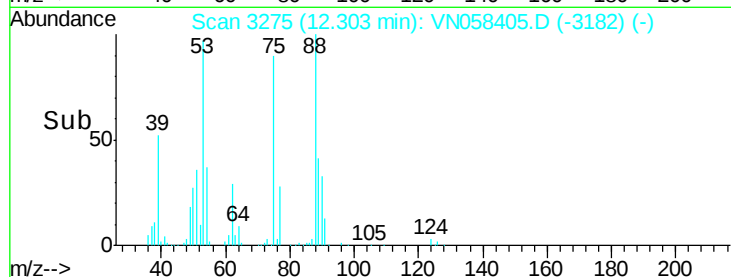
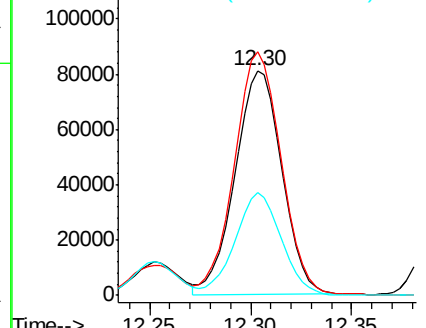
89 45.1 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 56.039 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058405.D

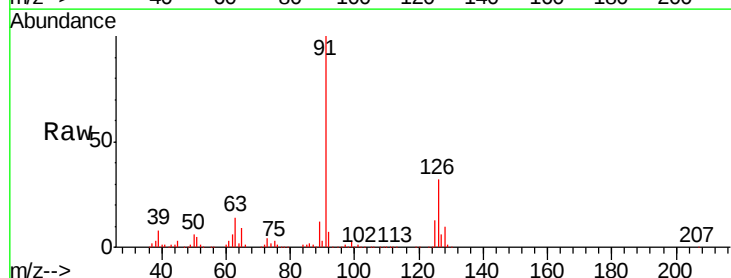
Acq: 27 Sep 2019 13:55

Tgt Ion: 91 Resp: 1055915

Ion Ratio Lower Upper

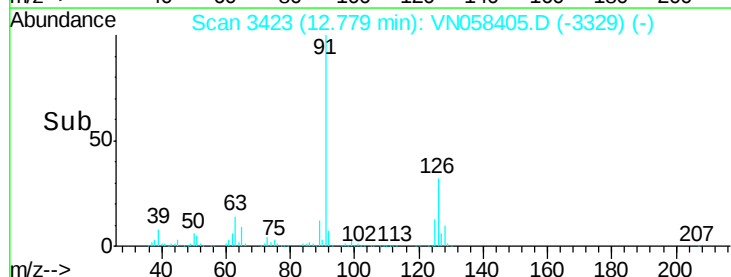
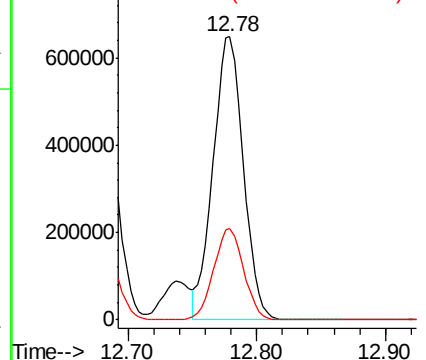
91 100

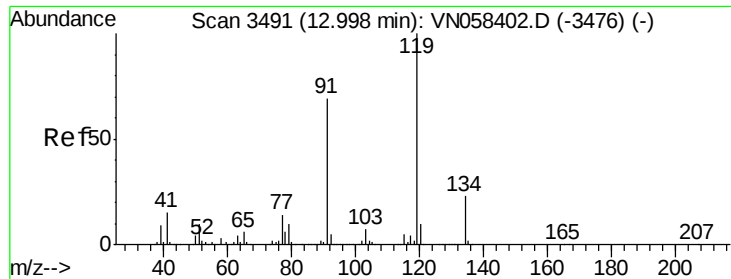
126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

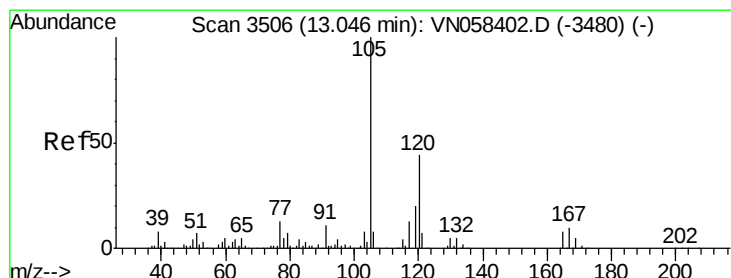
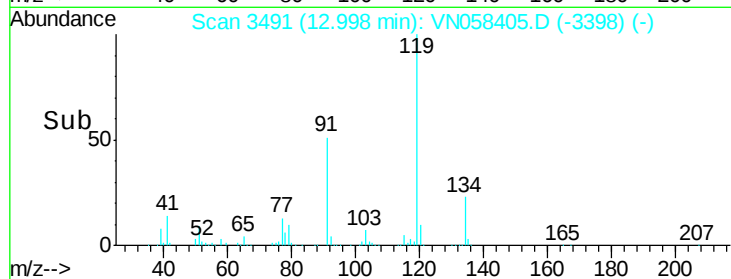
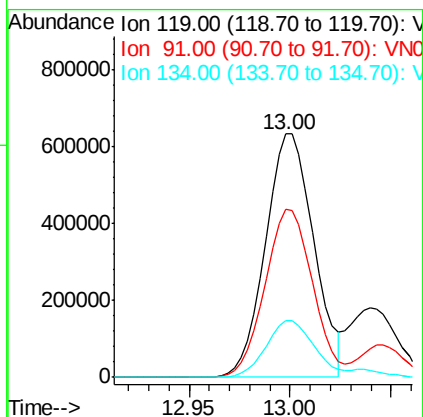
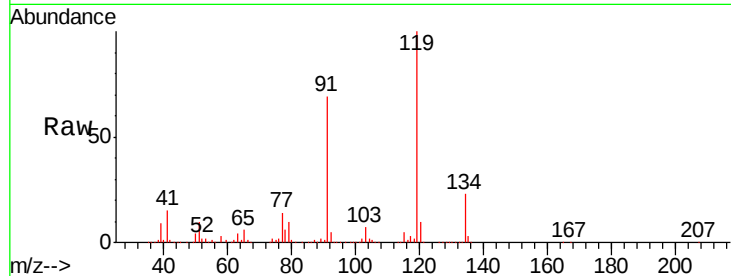




#83
tert-Butylbenzene
Concen: 55.550 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

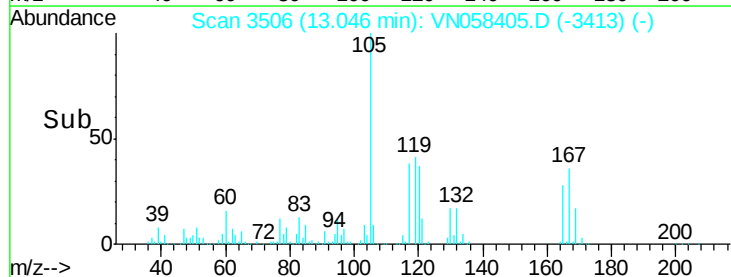
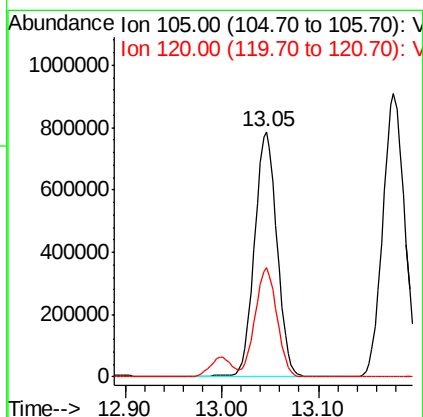
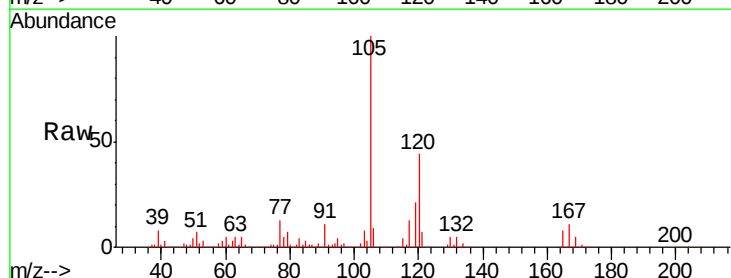
Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

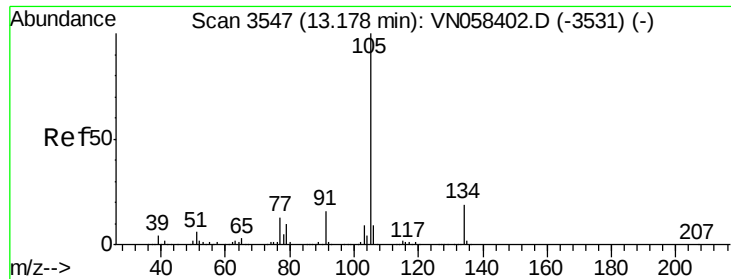
Tgt Ion:119 Resp: 1054323
Ion Ratio Lower Upper
119 100
91 67.8 34.2 102.6
134 23.4 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 59.203 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion:105 Resp: 1266768
Ion Ratio Lower Upper
105 100
120 43.6 21.7 65.1

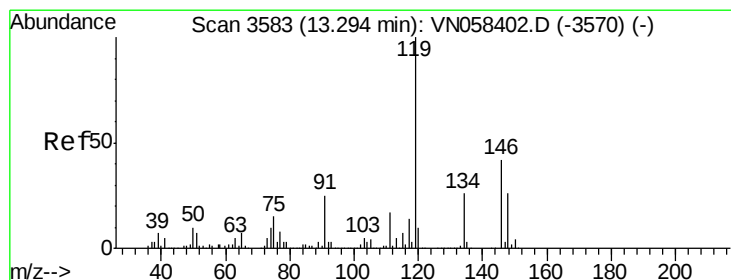
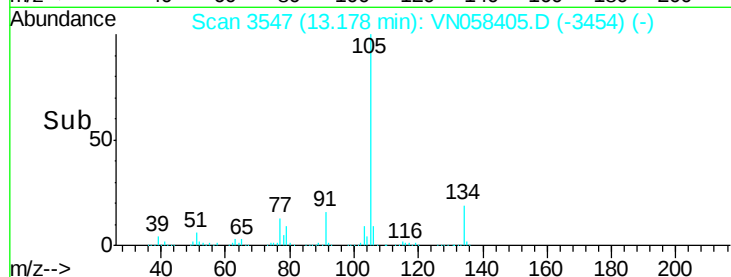
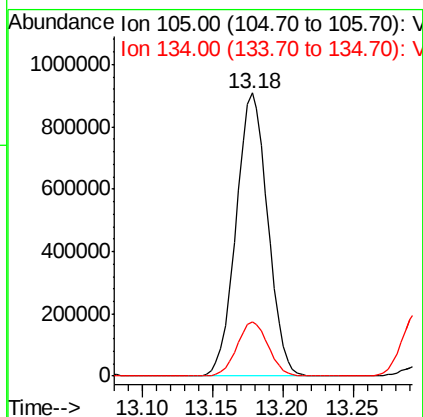
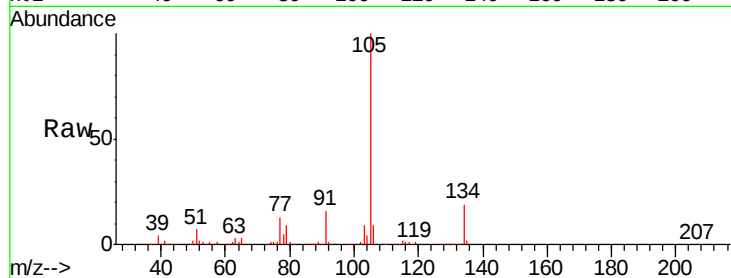




#85
 sec-Butylbenzene
 Concen: 57.535 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

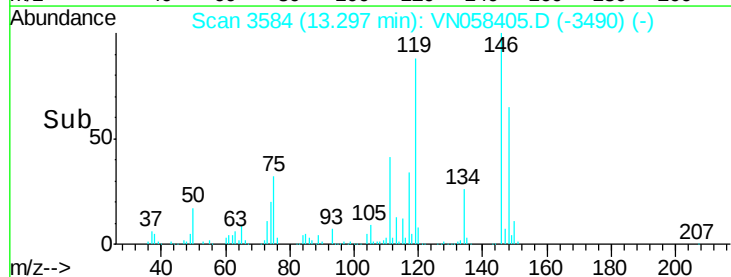
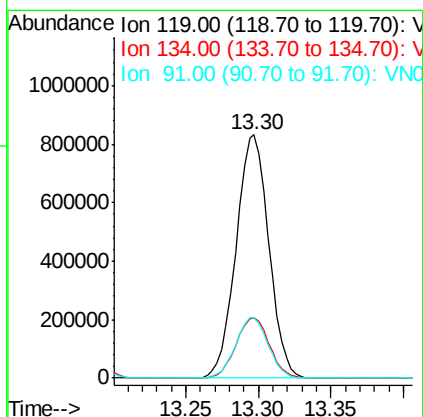
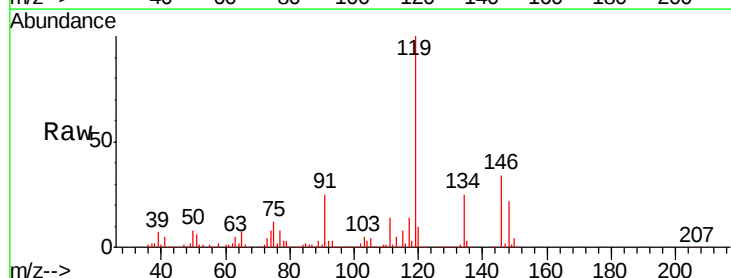
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

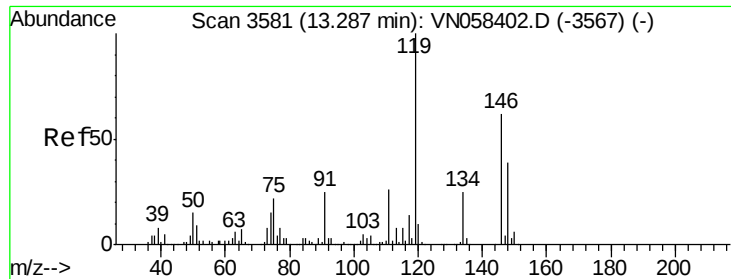
Tgt Ion:105 Resp: 1427914
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 58.879 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion:119 Resp: 1296245
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 24.6 12.4 37.0

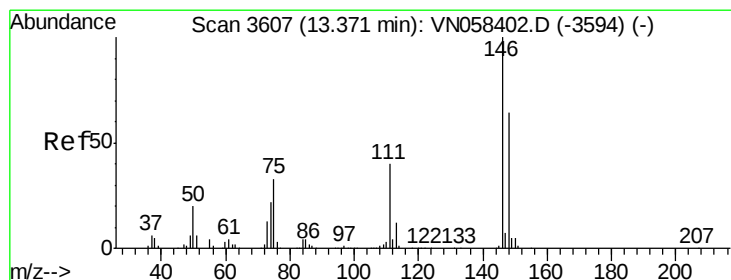
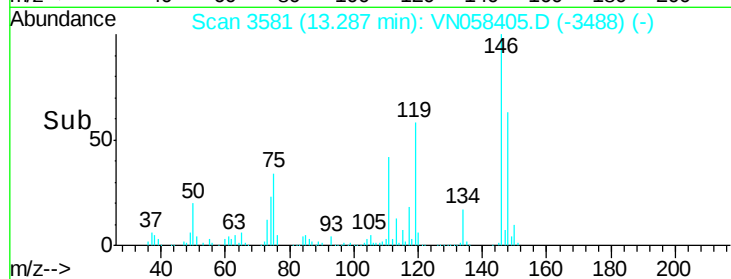
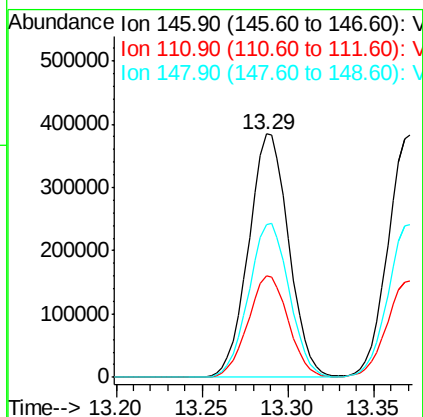
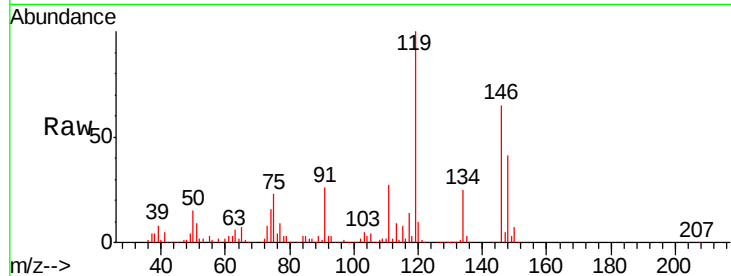




#87
 1,3-Dichlorobenzene
 Concen: 53.997 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

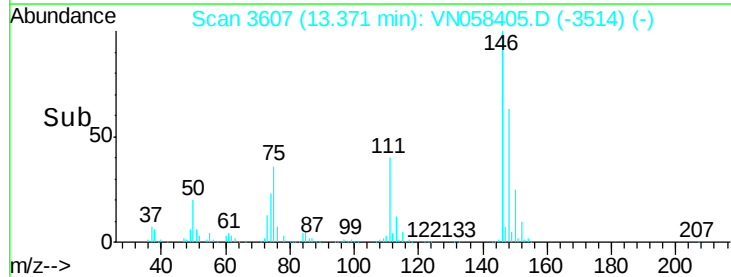
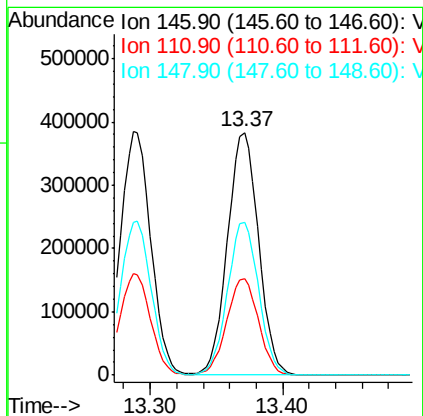
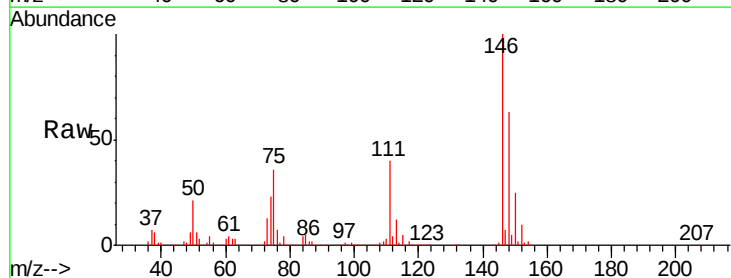
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

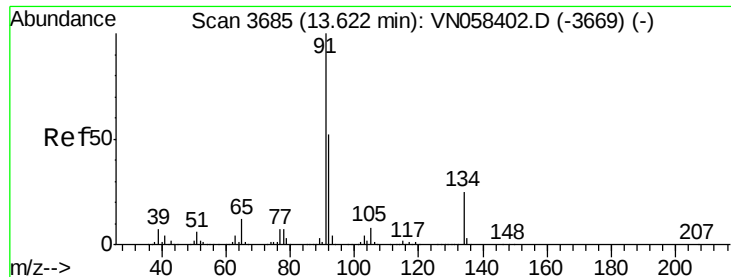
Tgt Ion:146 Resp: 622499
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.8 62.4
 148 63.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 53.071 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion:146 Resp: 622802
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.6
 148 63.1 31.5 94.5





#89

n-Butylbenzene

Concen: 57.848 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

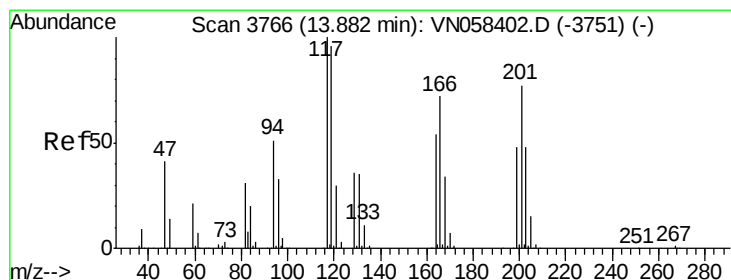
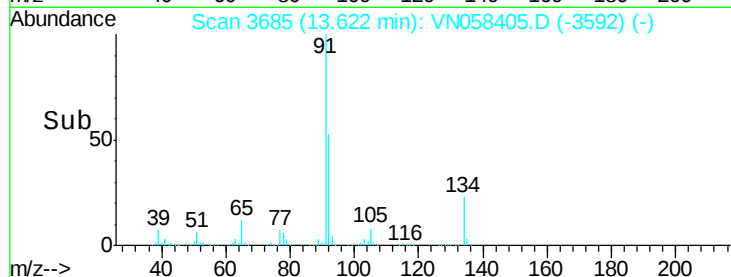
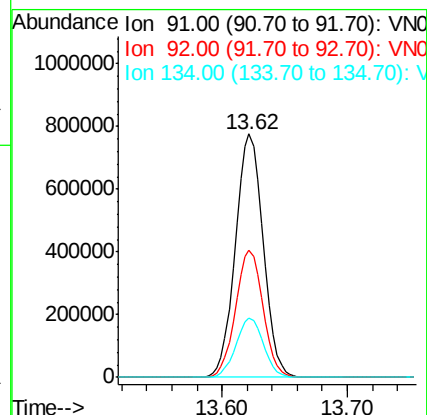
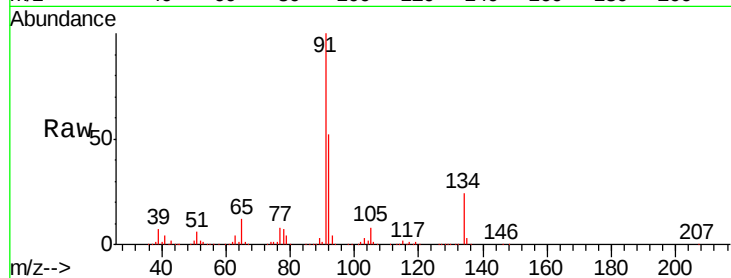
Tgt Ion: 91 Resp: 1190750

Ion Ratio Lower Upper

91 100

92 51.7 25.7 77.1

134 24.1 12.2 36.6



#90

Hexachloroethane

Concen: 60.304 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN058405.D

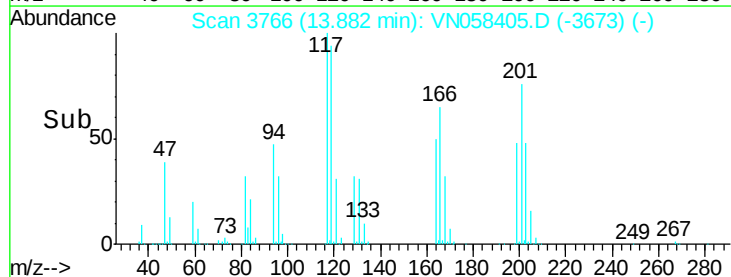
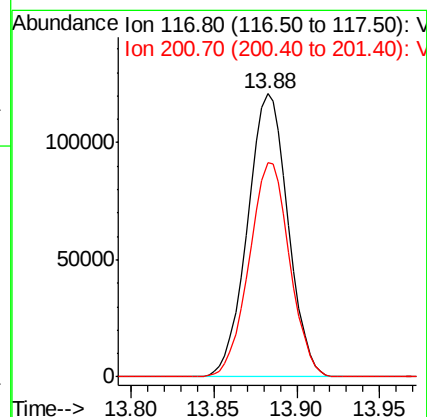
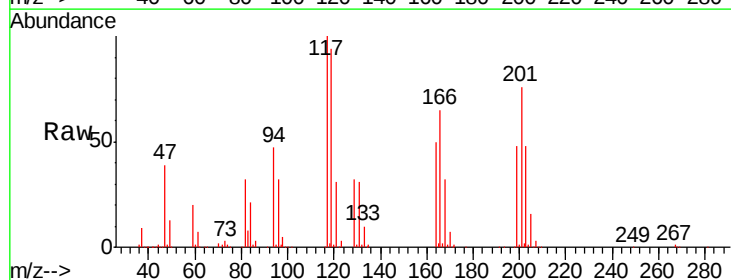
Acq: 27 Sep 2019 13:55

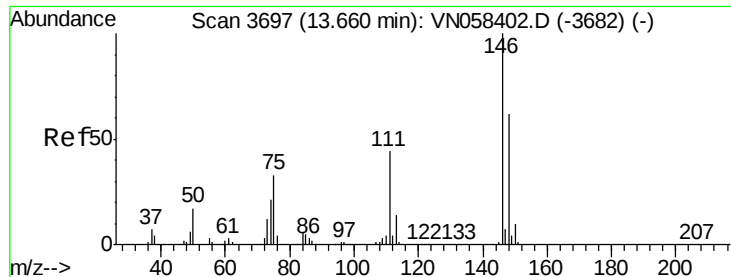
Tgt Ion: 117 Resp: 205539

Ion Ratio Lower Upper

117 100

201 75.8 38.6 116.0





#91

1,2-Dichlorobenzene

Concen: 52.809 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

Instrument :

MSVOA_N

ClientSampleId :

ICVVN092719

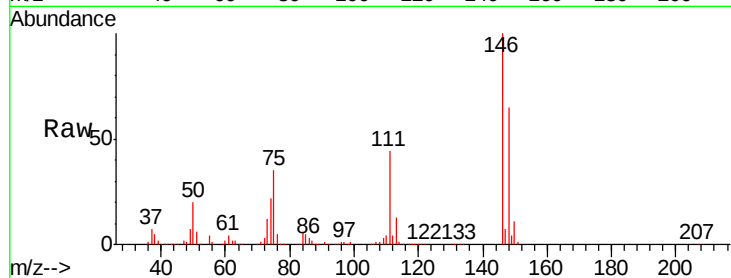
Tgt Ion: 146 Resp: 605505

Ion Ratio Lower Upper

146 100

111 43.4 21.8 65.3

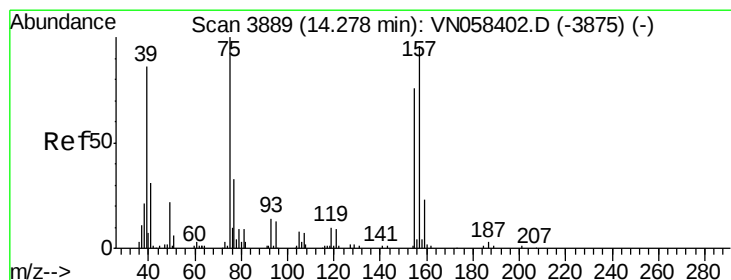
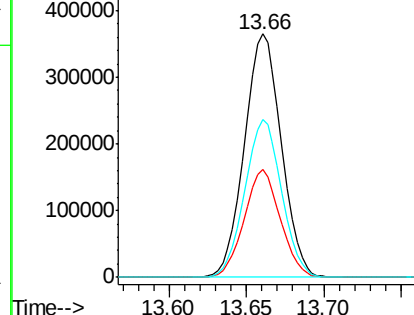
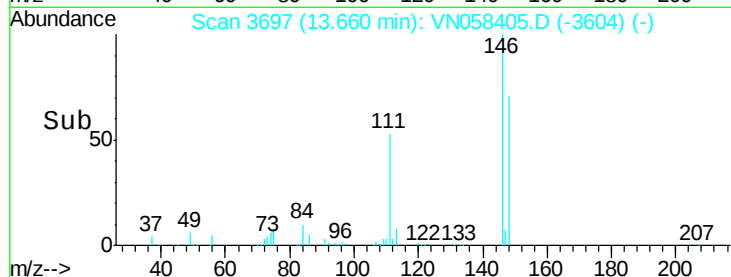
148 64.5 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.838 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN058405.D

Acq: 27 Sep 2019 13:55

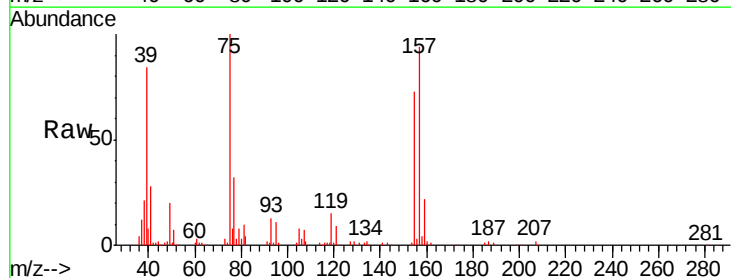
Tgt Ion: 75 Resp: 86459

Ion Ratio Lower Upper

75 100

155 73.7 39.2 117.6

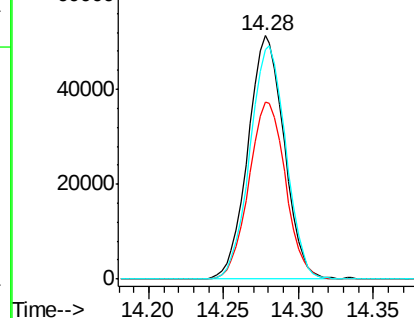
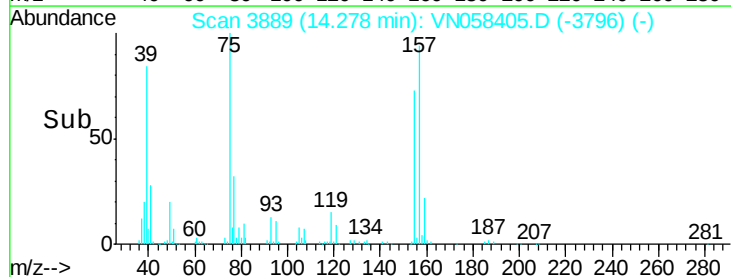
157 95.1 48.7 146.1

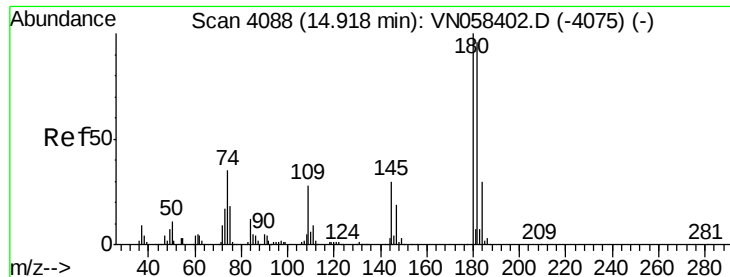


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

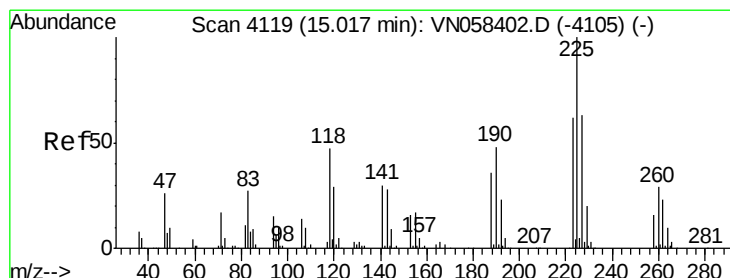
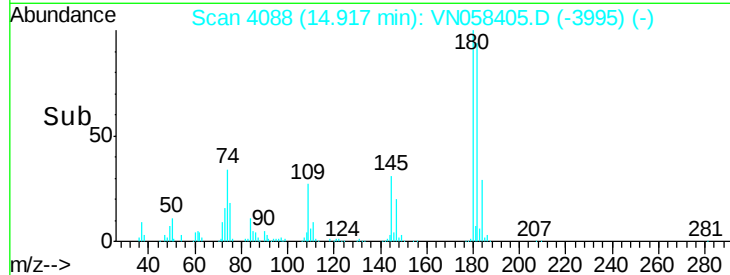
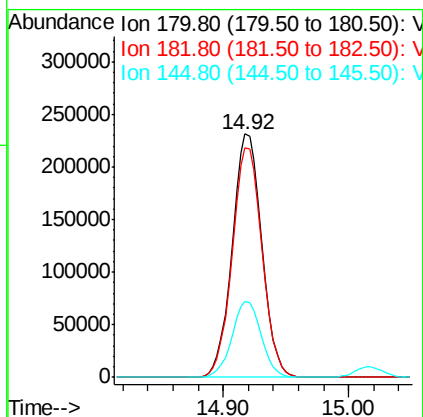
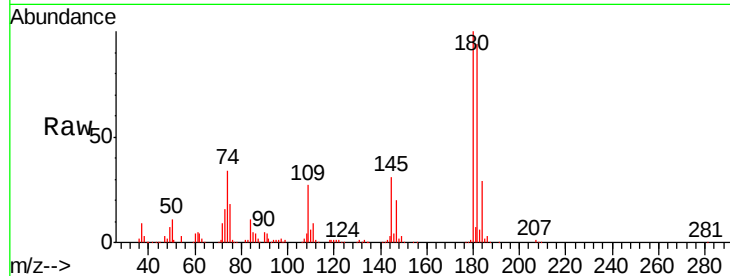




#93
 1,2,4-Trichlorobenzene
 Concen: 52.378 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

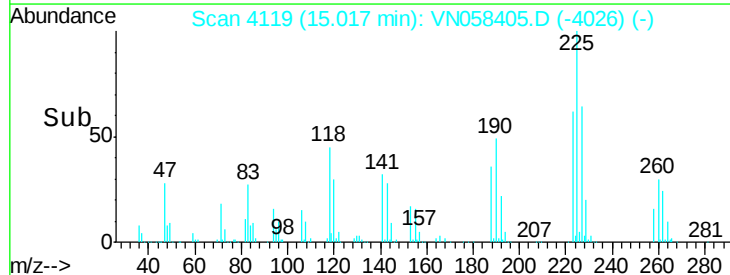
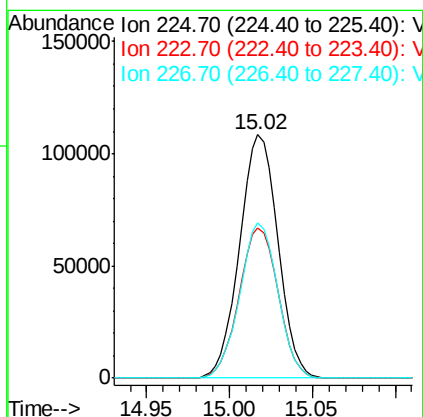
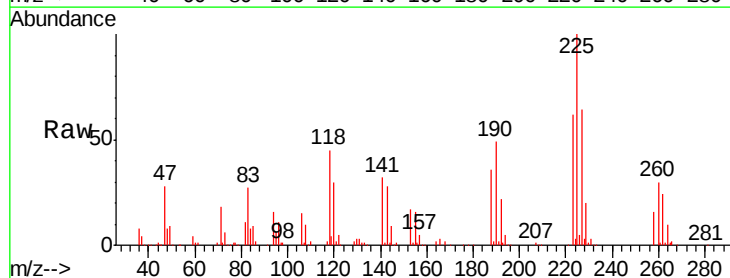
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN092719

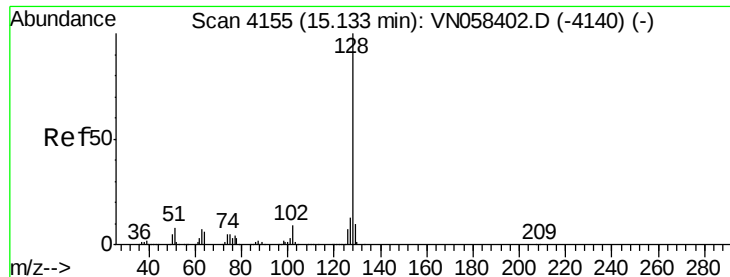
Tgt Ion:180 Resp: 377823
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.4 142.3
 145 31.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 50.011 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058405.D
 Acq: 27 Sep 2019 13:55

Tgt Ion:225 Resp: 174670
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.5
 227 63.1 31.4 94.2

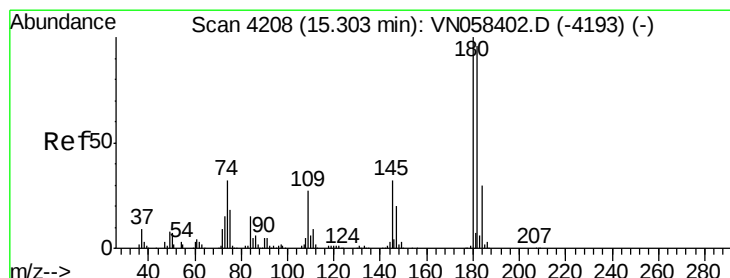
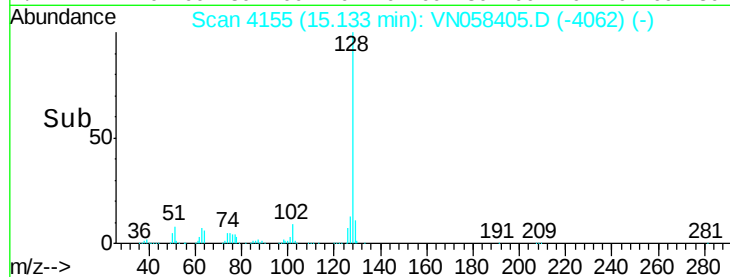
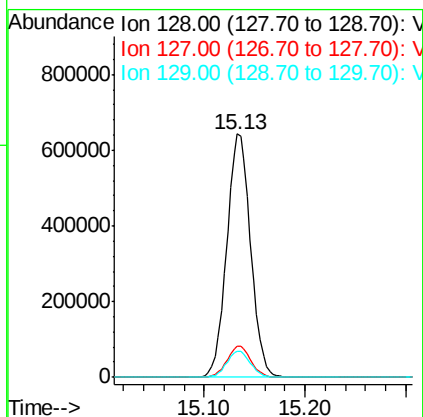
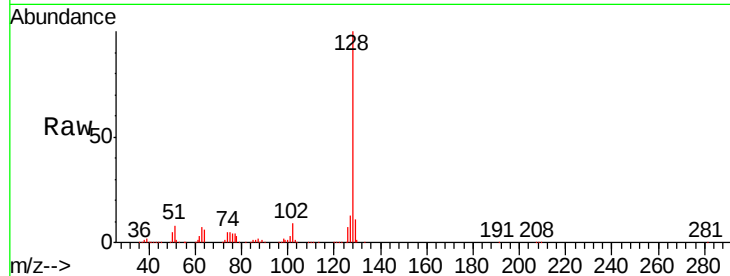




#95
Naphthalene
Concen: 56.903 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Instrument :
MSVOA_N
ClientSampleId :
ICVVN092719

Tgt Ion:128 Resp: 1061312
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 52.676 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.00 min
Lab File: VN058405.D
Acq: 27 Sep 2019 13:55

Tgt Ion:180 Resp: 356882
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.9
145 32.7 16.1 48.3

