

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
 Data File : VN059248.D
 Acq On : 15 Nov 2019 8:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 15:07:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	401281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	613377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	559603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	234345	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.56	113	186475	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.08	98	717224	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.40	95	268056	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	176185	43.577	ug/l	100
3) Chloromethane	2.04	50	233987	42.575	ug/l	100
4) Vinyl Chloride	2.17	62	238848	44.826	ug/l	100
5) Bromomethane	2.53	94	140094	45.689	ug/l	98
6) Chloroethane	2.68	64	145043	46.016	ug/l	99
7) Trichlorofluoromethane	2.99	101	301490	47.305	ug/l	100
8) Diethyl Ether	3.38	74	131652	50.838	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	187299	48.741	ug/l	100
10) Methyl Iodide	3.92	142	226056	47.525	ug/l	99
11) Tert butyl alcohol	4.75	59	233352	248.226	ug/l	99
12) 1,1-Dichloroethene	3.71	96	177417	47.395	ug/l	96
13) Acrolein	3.58	56	126251	260.480	ug/l	99
14) Allyl chloride	4.29	41	368406	47.912	ug/l	98
15) Acrylonitrile	4.95	53	609075	260.340	ug/l	100
16) Acetone	3.79	43	599580	233.742	ug/l	99
17) Carbon Disulfide	4.02	76	476347	40.993	ug/l	100
18) Methyl Acetate	4.29	43	313407	51.474	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	675449	52.410	ug/l	100
20) Methylene Chloride	4.52	84	218232	48.834	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	194354	48.370	ug/l	97
22) Diisopropyl ether	5.92	45	744841	51.284	ug/l	97
23) Vinyl Acetate	5.86	43	3061577	271.988	ug/l	100
24) 1,1-Dichloroethane	5.81	63	403508	49.742	ug/l	98
25) 2-Butanone	6.80	43	842608	249.240	ug/l	98
26) 2,2-Dichloropropane	6.80	77	345215	48.668	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	234834	50.376	ug/l	99
28) Bromochloromethane	7.17	49	116242	47.630	ug/l	98
29) Tetrahydrofuran	7.18	42	534386	248.772	ug/l	98
30) Chloroform	7.35	83	395325	50.802	ug/l	99
31) Cyclohexane	7.63	56	336920	43.873	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	333014	50.901	ug/l	99
36) 1,1-Dichloropropene	7.77	75	289374	50.473	ug/l	100
37) Ethyl Acetate	6.90	43	328881	51.564	ug/l	99
38) Carbon Tetrachloride	7.75	117	287545	50.390	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	331052	49.752	ug/l	99
40) Benzene	8.02	78	888411	51.457	ug/l	99
41) Methacrylonitrile	7.18	41	467170	168.442	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	308038	52.021	ug/l	100
43) Isopropyl Acetate	8.14	43	521961	51.332	ug/l	99
44) Trichloroethene	8.82	130	220698	52.002	ug/l	99
45) 1,2-Dichloropropane	9.10	63	246813	52.631	ug/l	99
46) Dibromomethane	9.19	93	148845	50.935	ug/l	98
47) Bromodichloromethane	9.39	83	312935	53.629	ug/l	97
48) Methyl methacrylate	9.18	41	233668	51.375	ug/l	98
49) 1,4-Dioxane	9.18	88	90980	1125.583	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1648270	286.482	ug/l	99
52) Toluene	10.14	92	547081	52.868	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	358783	53.219	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	386766	53.334	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	222542	53.138	ug/l	98
56) Ethyl methacrylate	10.42	69	348670	49.920	ug/l	97
57) 1,3-Dichloropropane	10.70	76	383798	53.247	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	686081	294.365	ug/l	100
59) 2-Hexanone	10.74	43	1219811	276.221	ug/l	98
60) Dibromochloromethane	10.90	129	243120	54.906	ug/l	100
61) 1,2-Dibromoethane	11.00	107	226854	53.509	ug/l	100
64) Tetrachloroethene	10.62	164	192315	50.540	ug/l	98
65) Chlorobenzene	11.43	112	583575	53.496	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	221640	54.162	ug/l	99
67) Ethyl Benzene	11.51	91	1050288	54.265	ug/l	99
68) m/p-Xylenes	11.62	106	785711	108.373	ug/l	100
69) o-Xylene	11.94	106	374138	53.399	ug/l	100
70) Styrene	11.96	104	628789	57.063	ug/l	99
71) Bromoform	12.12	173	177313	55.706	ug/l #	99
73) Isopropylbenzene	12.25	105	1026588	51.757	ug/l	100
74) N-amyl acetate	12.07	43	440579	52.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	344360	50.981	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	457434	73.684	ug/l #	100
77) Bromobenzene	12.53	156	252346	50.638	ug/l	98
78) n-propylbenzene	12.59	91	1202959	52.968	ug/l	99
79) 2-Chlorotoluene	12.67	91	713730	50.659	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	881570	52.452	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	121520	51.702	ug/l	99
82) 4-Chlorotoluene	12.77	91	732941	51.869	ug/l	99
83) tert-Butylbenzene	12.99	119	744642	51.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	872372	53.649	ug/l	100
85) sec-Butylbenzene	13.17	105	1006052	53.297	ug/l	100
86) p-Isopropyltoluene	13.29	119	914159	54.847	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	449278	52.648	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	440400	51.581	ug/l	99
89) n-Butylbenzene	13.62	91	779288	53.420	ug/l	100
90) Hexachloroethane	13.88	117	168538	50.357	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	448053	53.374	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	67007	49.722	ug/l	97

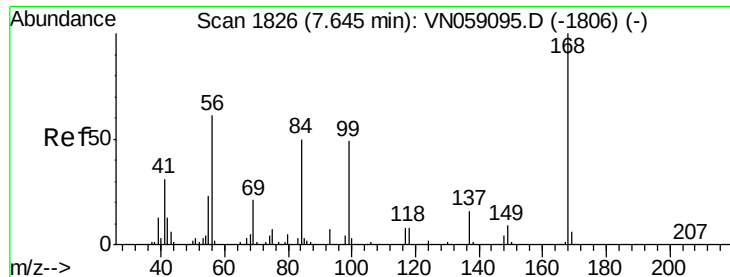
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	245826	48.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	151034	52.180	ug/l	99
95) Naphthalene	15.13	128	642305	45.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	240792	51.184	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

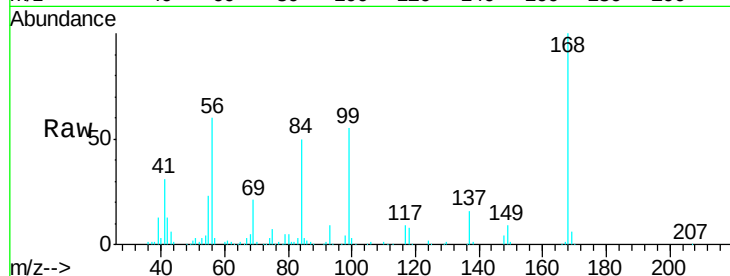
VSTDCCC050

Tgt Ion: 168 Resp: 401281

Ion Ratio Lower Upper

168 100

99 54.7 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059248.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059248.D (-1733) (-)

7.64

150000

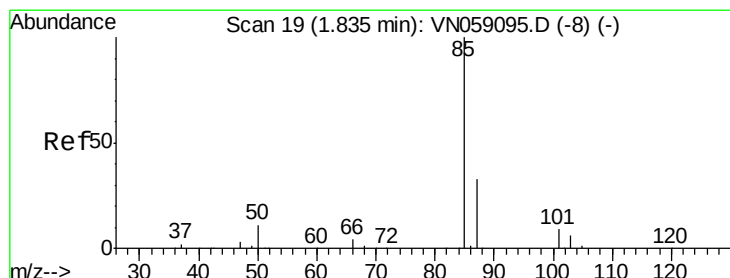
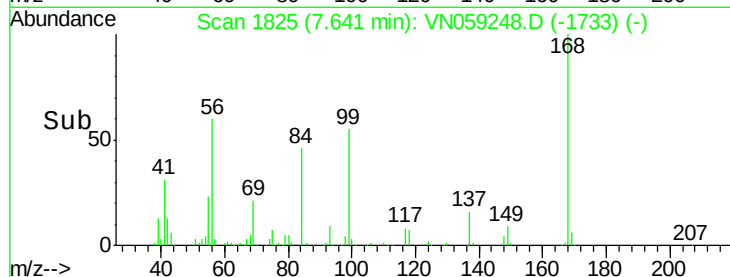
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.577 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059248.D

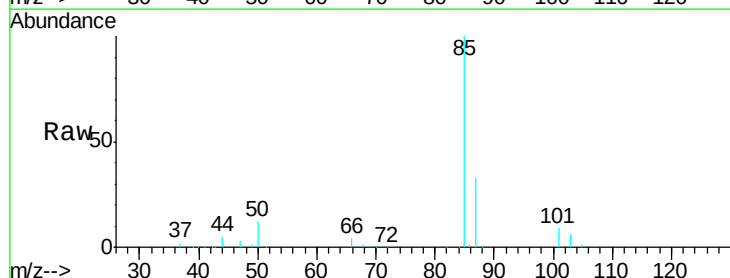
Acq: 15 Nov 2019 8:35

Tgt Ion: 85 Resp: 176185

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN059248.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN059248.D (-1) (-)

1.83

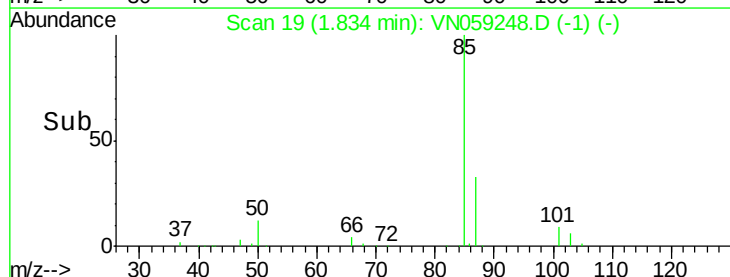
100000

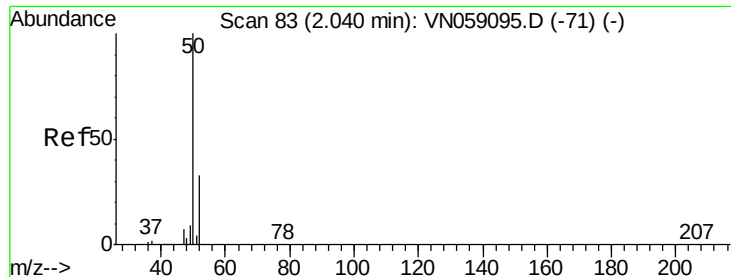
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 42.575 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

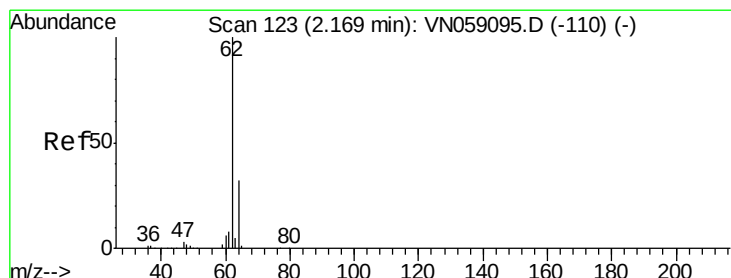
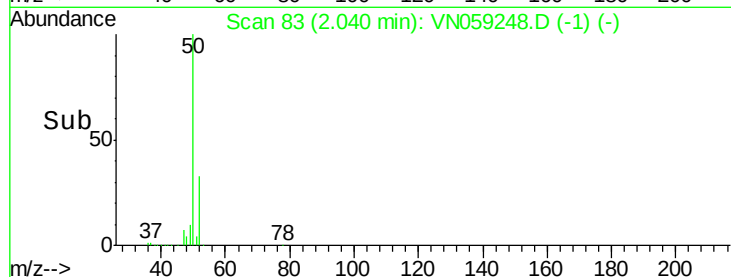
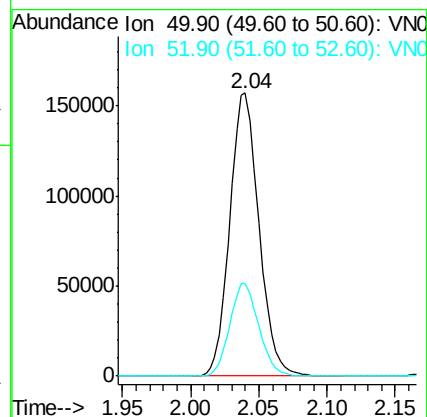
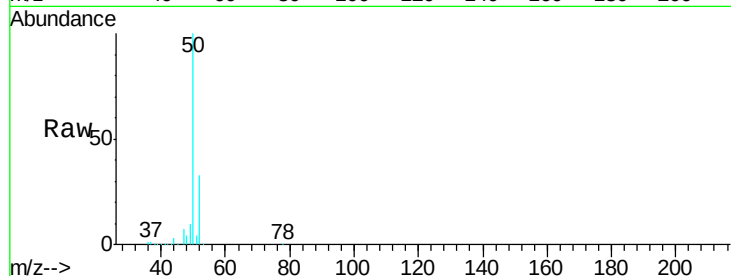
VSTDCCC050

Tgt Ion: 50 Resp: 233987

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 44.826 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059248.D

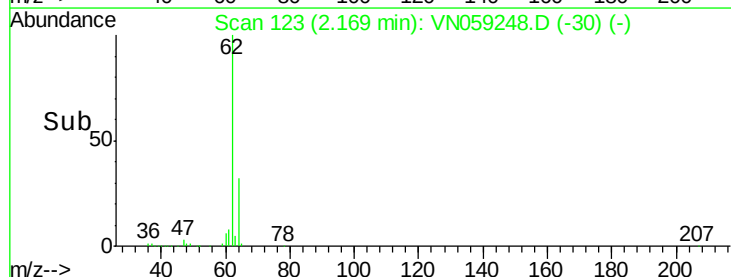
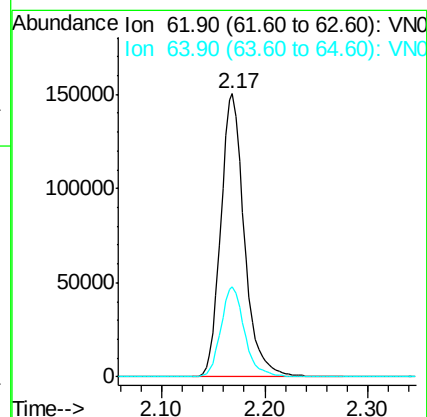
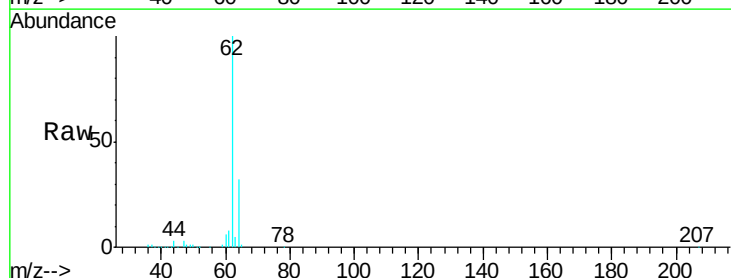
Acq: 15 Nov 2019 8:35

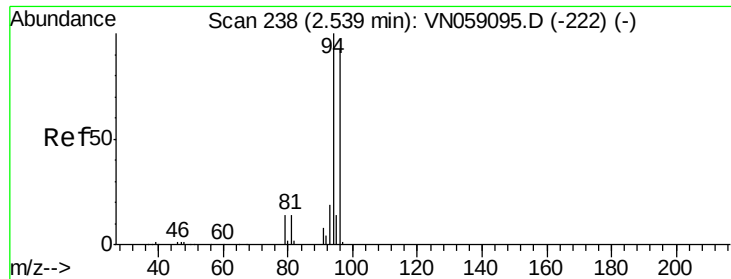
Tgt Ion: 62 Resp: 238848

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 45.689 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

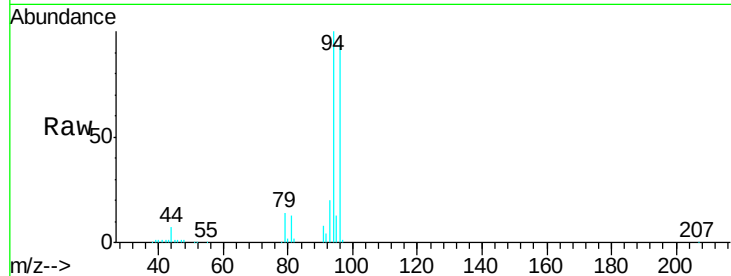
VSTDCCC050

Tgt Ion: 94 Resp: 140094

Ion Ratio Lower Upper

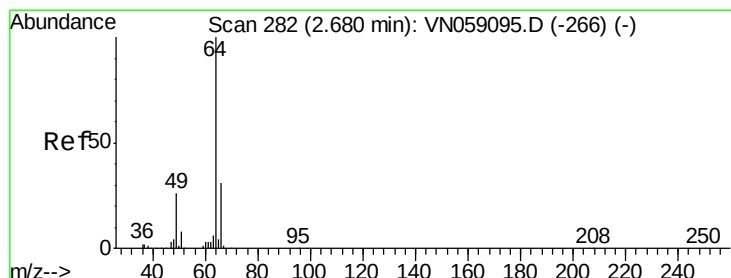
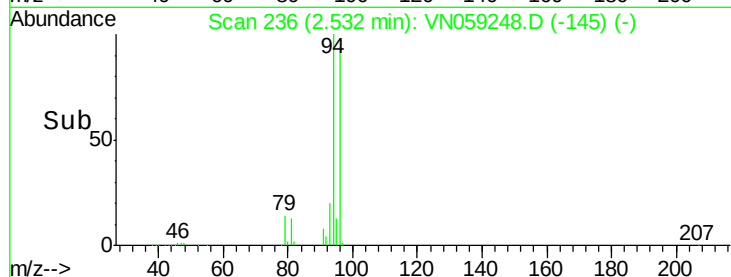
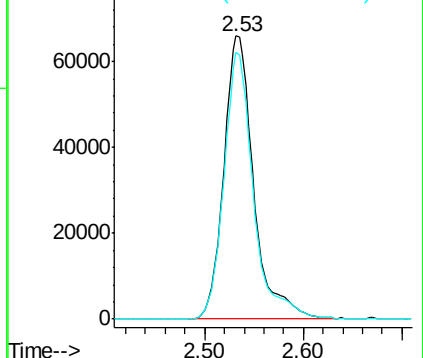
94 100

96 94.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.016 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN059248.D

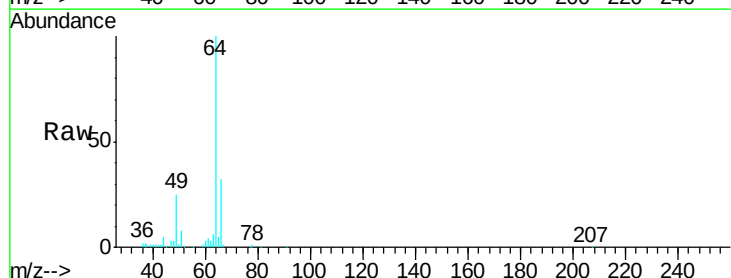
Acq: 15 Nov 2019 8:35

Tgt Ion: 64 Resp: 145043

Ion Ratio Lower Upper

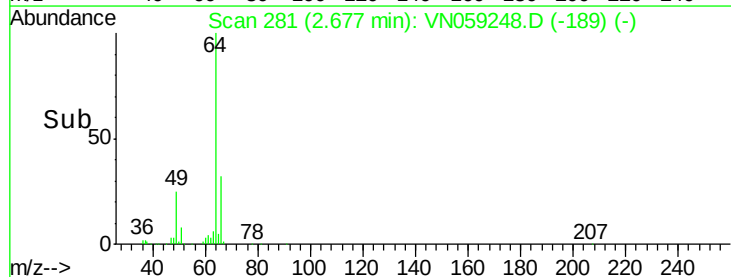
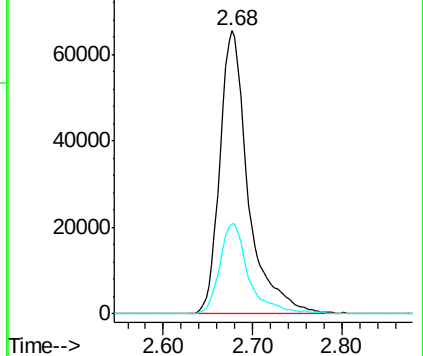
64 100

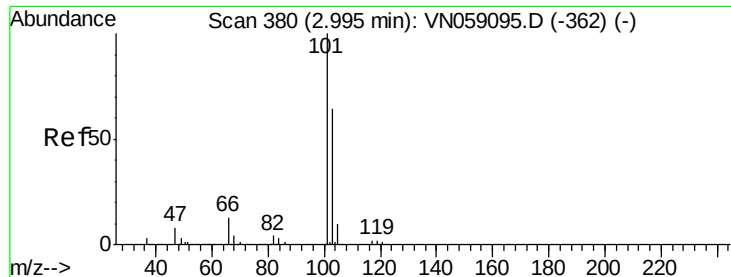
66 32.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



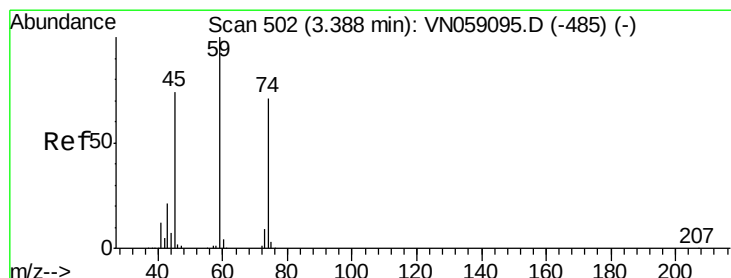
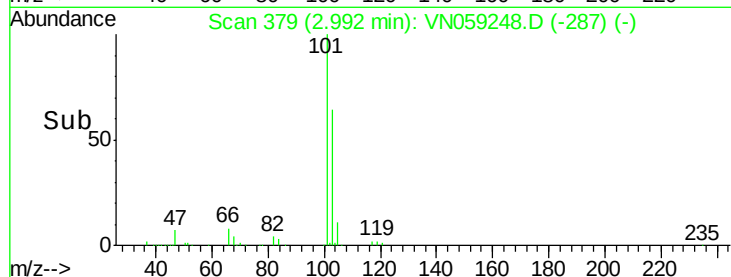
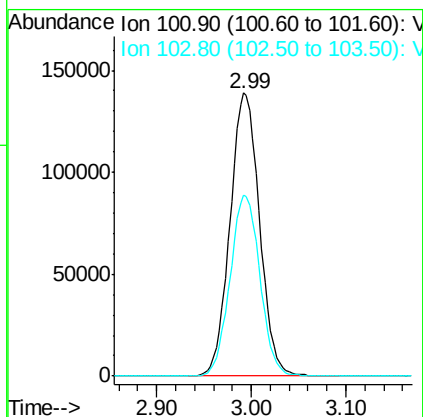
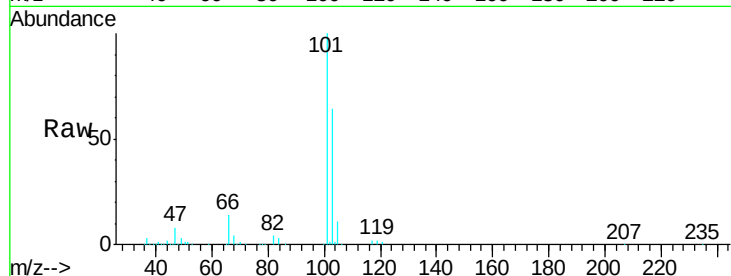


#7

Trichlorofluoromethane
 Concen: 47.305 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Instrument :
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 ClientSampleId :
 VSTDCCC050

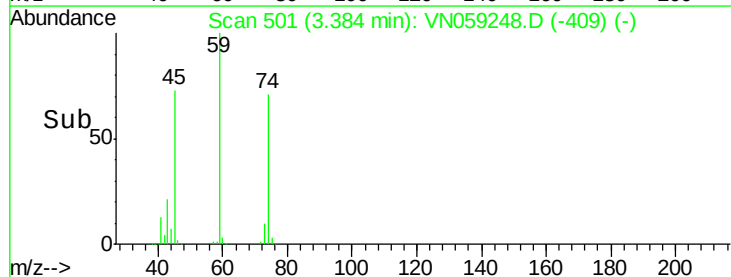
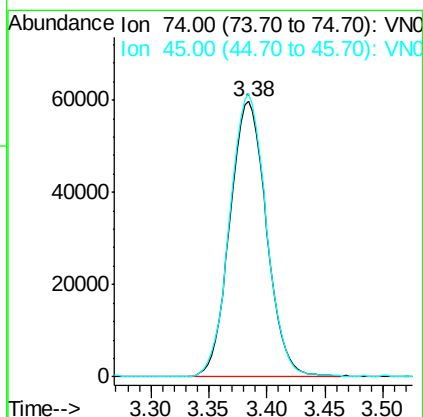
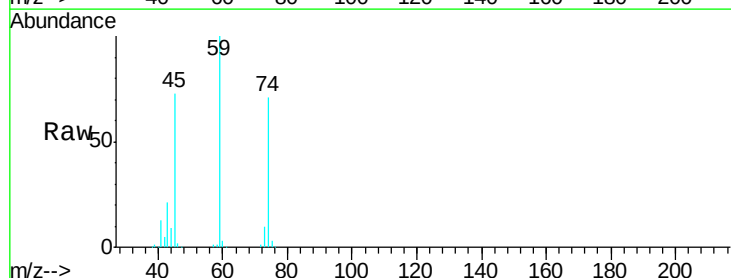
Tgt Ion: 101 Resp: 301490
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.2 76.8

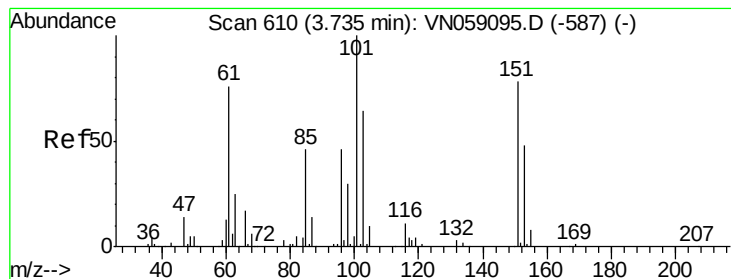


#8

Diethyl Ether
 Concen: 50.838 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 74 Resp: 131652
 Ion Ratio Lower Upper
 74 100
 45 102.5 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.741 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

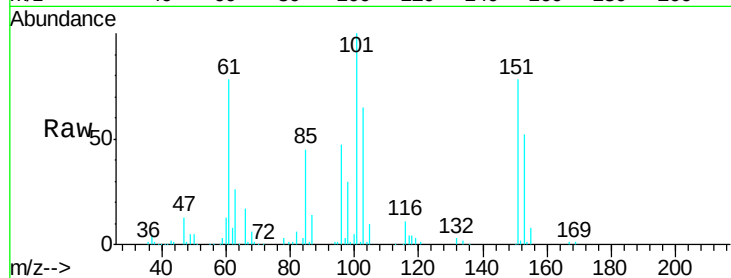
Tgt Ion:101 Resp: 187299

Ion Ratio Lower Upper

101 100

85 44.0 35.5 53.3

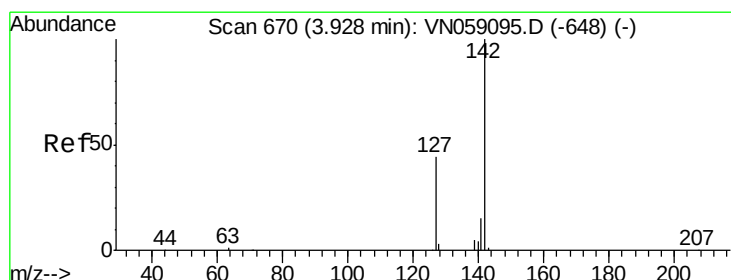
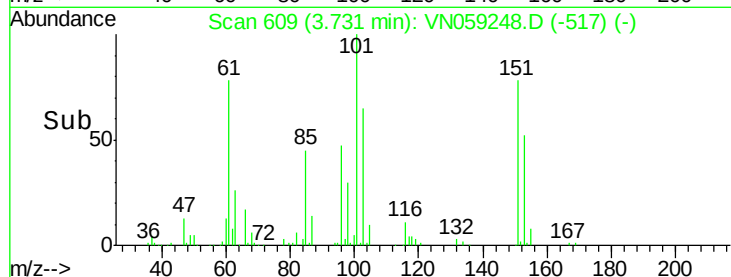
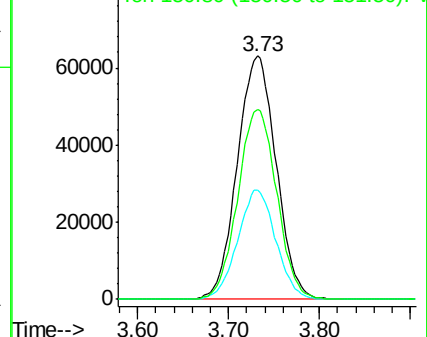
151 78.1 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.525 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

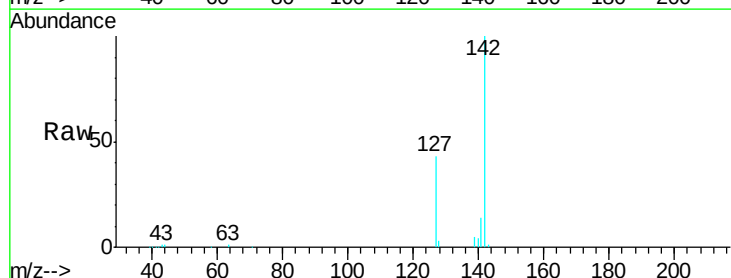
Tgt Ion:142 Resp: 226056

Ion Ratio Lower Upper

142 100

127 43.5 34.2 51.2

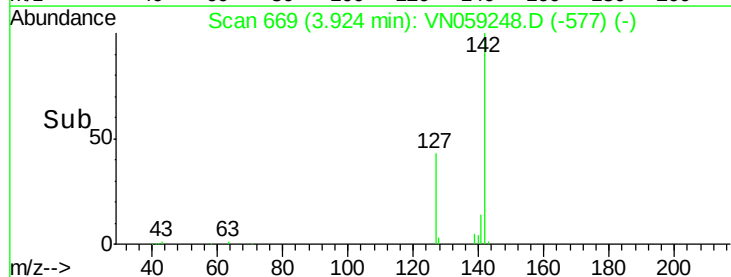
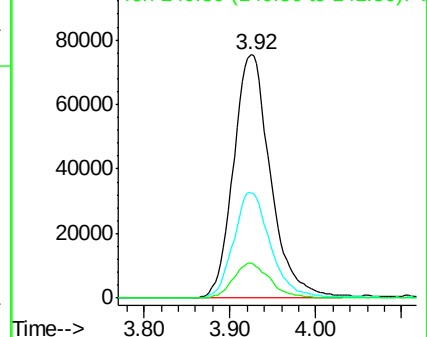
141 14.3 11.4 17.0

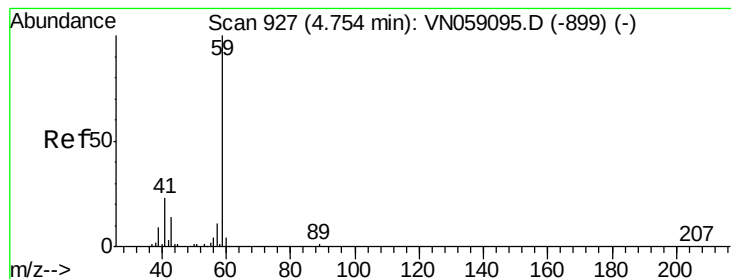


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 248.226 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

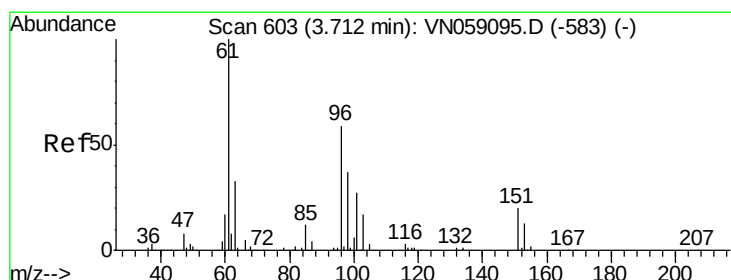
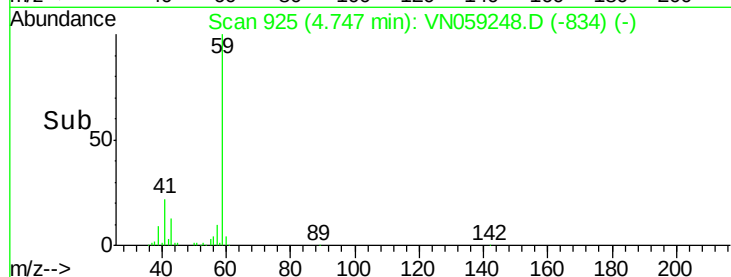
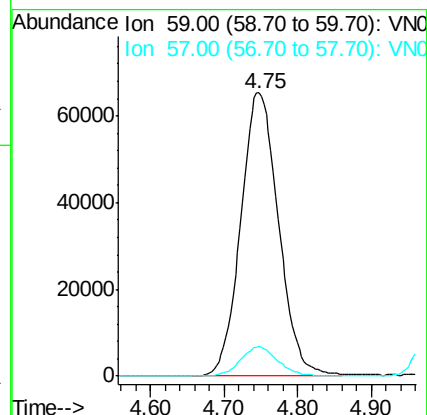
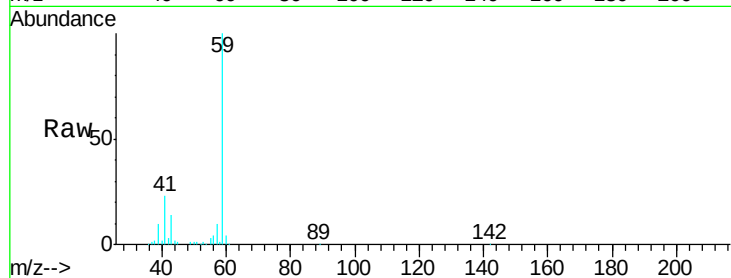
VSTDCCC050

Tgt Ion: 59 Resp: 233352

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 47.395 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

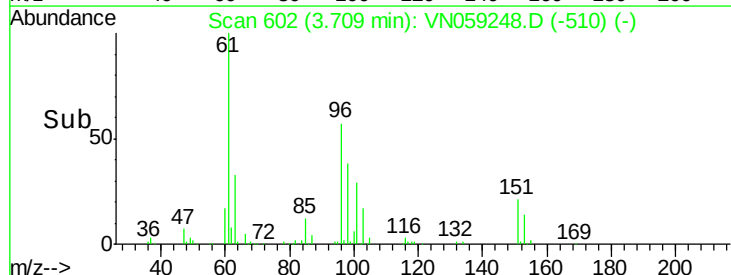
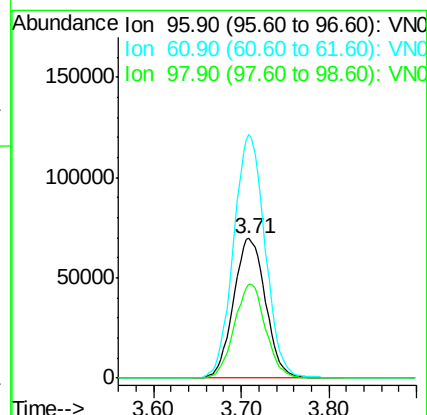
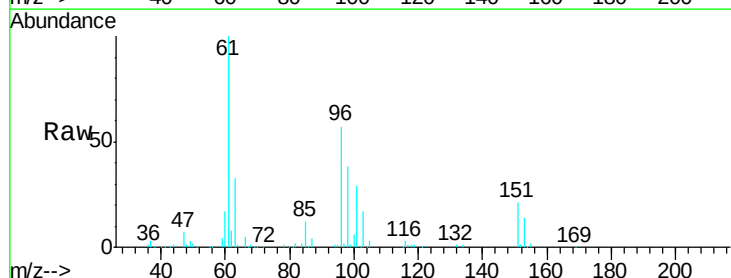
Tgt Ion: 96 Resp: 177417

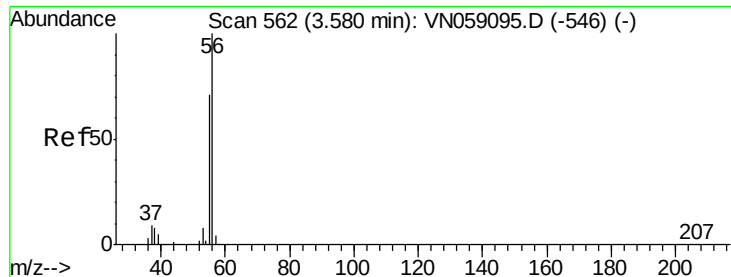
Ion Ratio Lower Upper

96 100

61 174.7 136.5 204.7

98 67.2 50.2 75.4





#13

Acrolein

Concen: 260.480 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

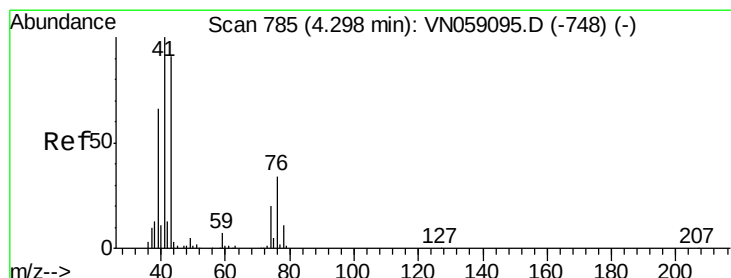
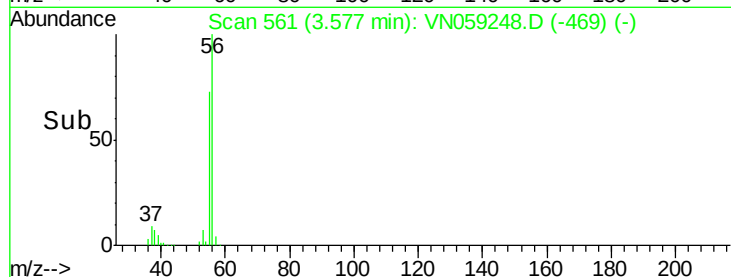
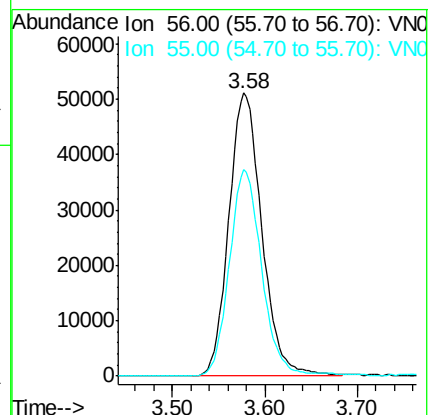
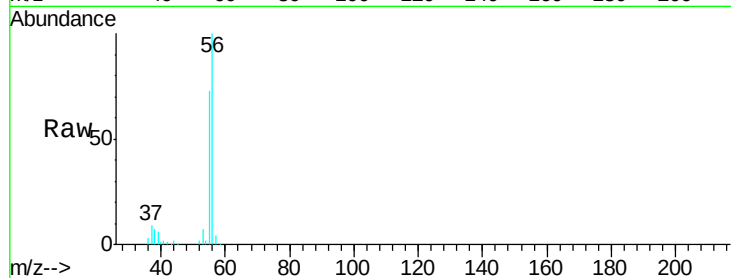
VSTDCCC050

Tgt Ion: 56 Resp: 126251

Ion Ratio Lower Upper

56 100

55 71.7 56.4 84.6



#14

Allyl chloride

Concen: 47.912 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

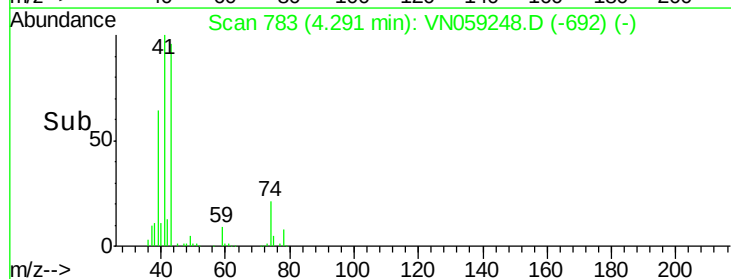
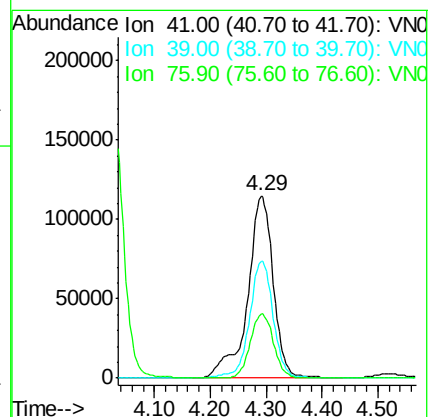
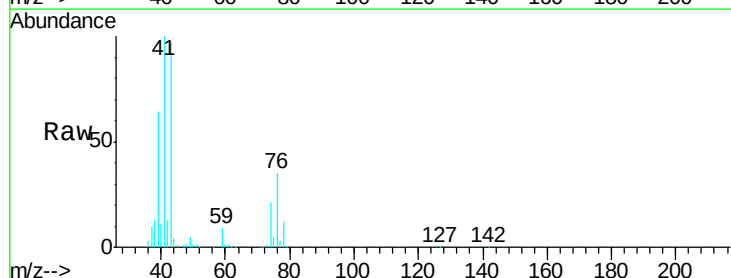
Tgt Ion: 41 Resp: 368406

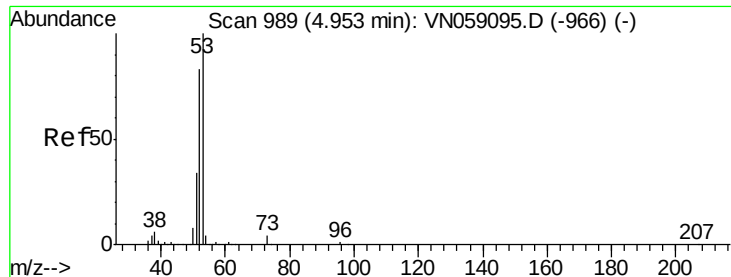
Ion Ratio Lower Upper

41 100

39 59.5 49.1 73.7

76 31.7 24.9 37.3





#15

Acrylonitrile

Concen: 260.340 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.01 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

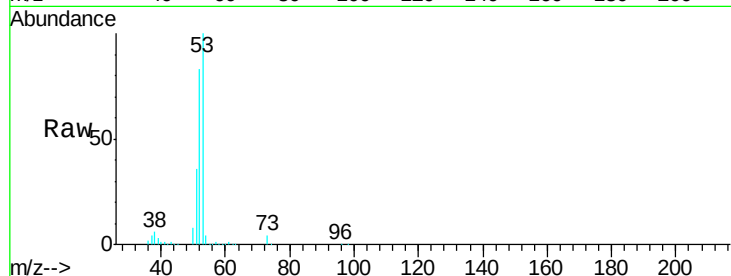
Tgt Ion: 53 Resp: 609075

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

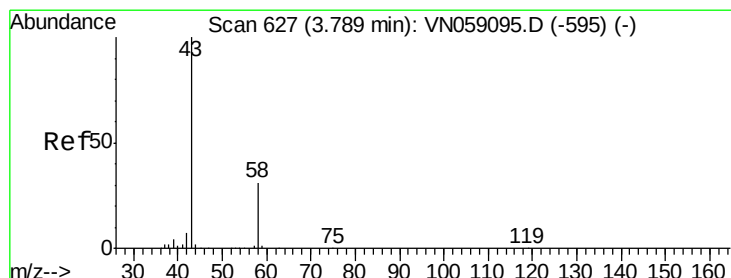
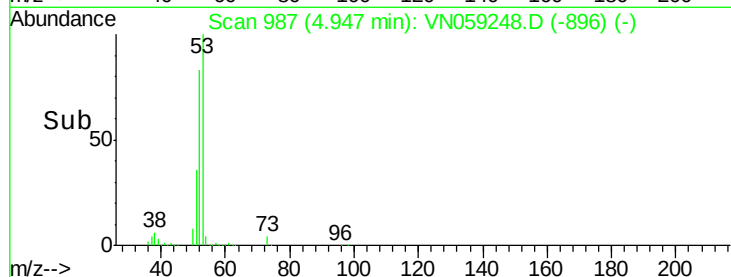
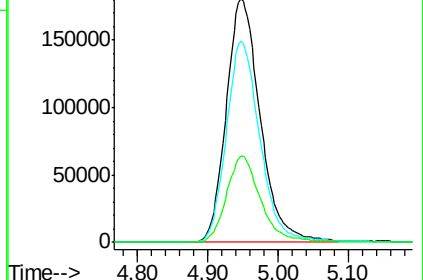
51 35.3 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059095.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059095.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059095.D (-966) (-)



#16

Acetone

Concen: 233.742 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059248.D

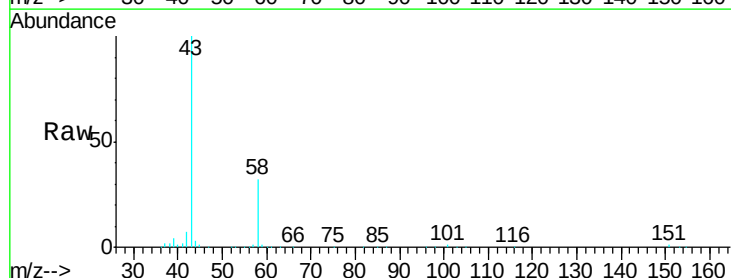
Acq: 15 Nov 2019 8:35

Tgt Ion: 43 Resp: 599580

Ion Ratio Lower Upper

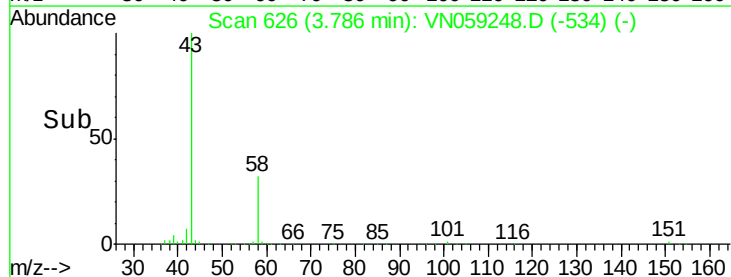
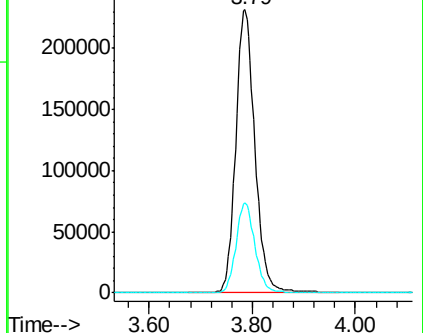
43 100

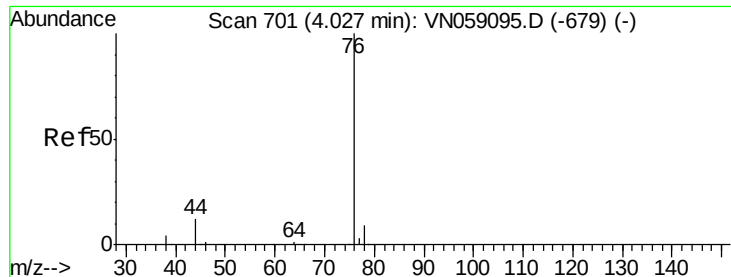
58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)





#17

Carbon Disulfide

Concen: 40.993 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

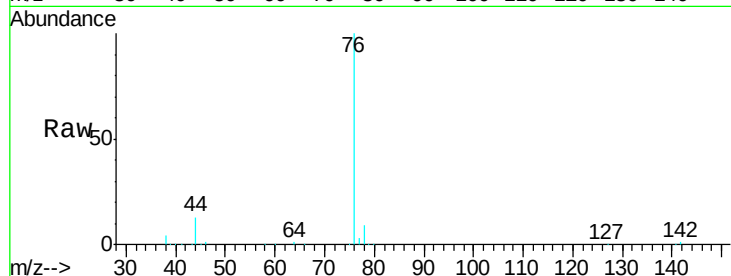
VSTDCCC050

Tgt Ion: 76 Resp: 476347

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059248.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059248.D (-608) (-)

4.02

200000

150000

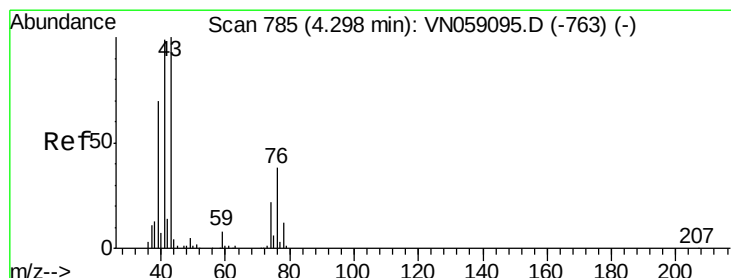
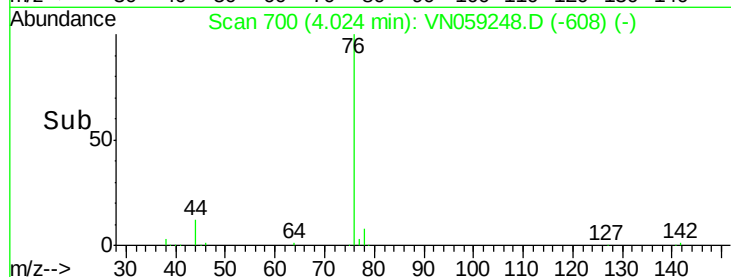
100000

50000

0

3.90 4.00 4.10 4.20

Time-->



#18

Methyl Acetate

Concen: 51.474 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059248.D

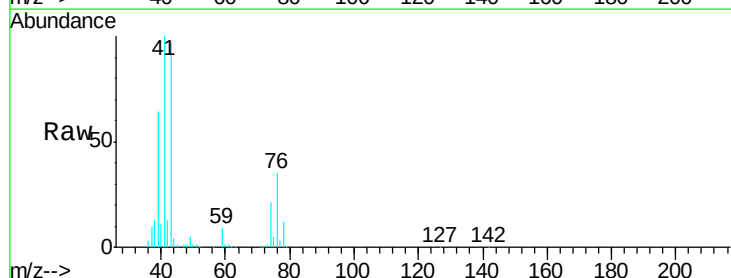
Acq: 15 Nov 2019 8:35

Tgt Ion: 43 Resp: 313407

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN059248.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059248.D (-692) (-)

4.29

120000

100000

80000

60000

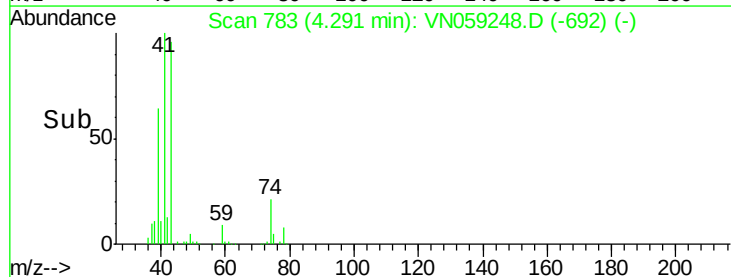
40000

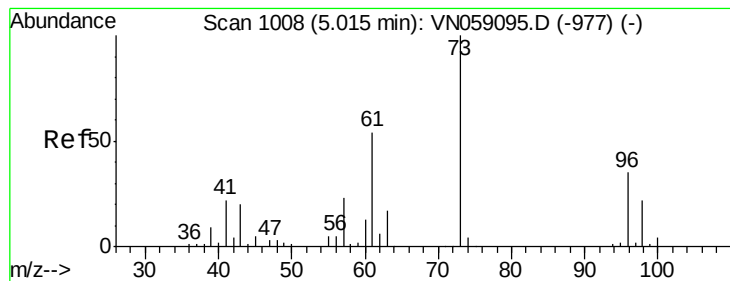
20000

0

4.20 4.30 4.40

Time-->





#19

Methyl tert-butyl Ether

Concen: 52.410 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.01 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

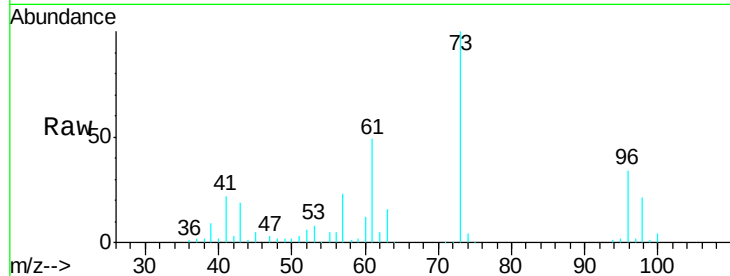
VSTDCCC050

Tgt Ion: 73 Resp: 675449

Ion Ratio Lower Upper

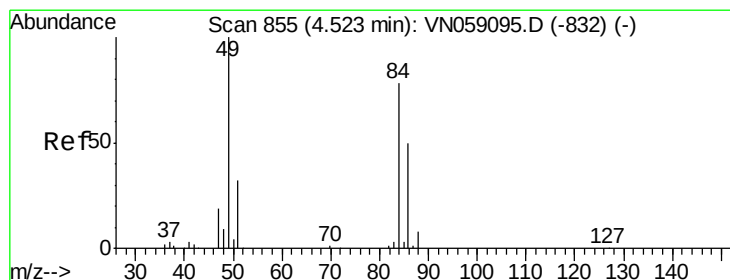
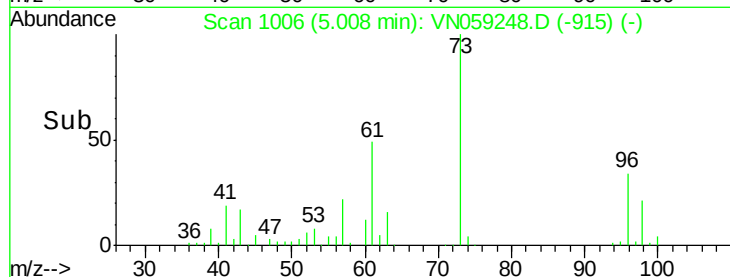
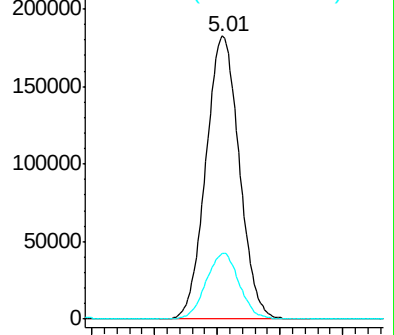
73 100

57 23.2 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 48.834 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Tgt Ion: 84 Resp: 218232

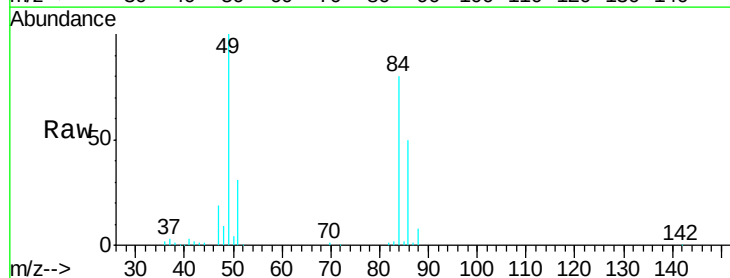
Ion Ratio Lower Upper

84 100

49 124.9 102.0 153.0

51 39.0 32.2 48.2

86 63.0 50.7 76.1

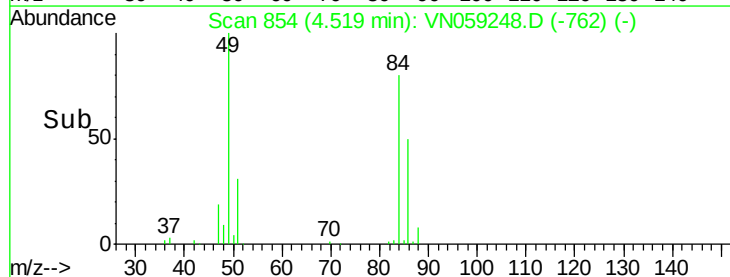
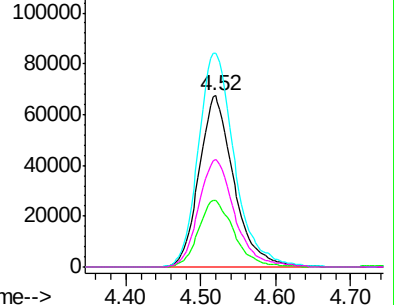


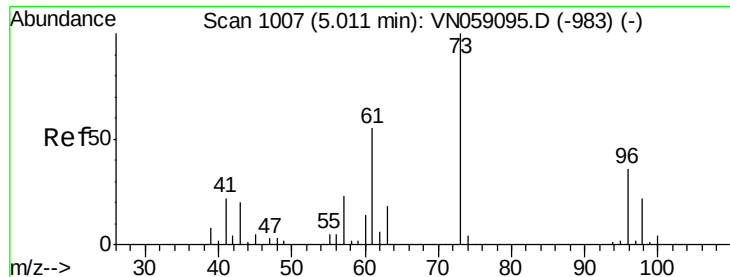
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 48.370 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

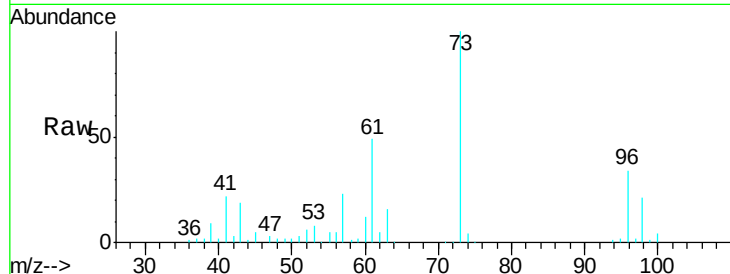
Tgt Ion: 96 Resp: 194354

Ion Ratio Lower Upper

96 100

61 147.1 122.6 183.8

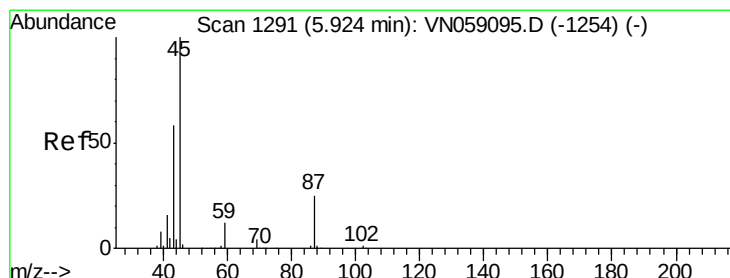
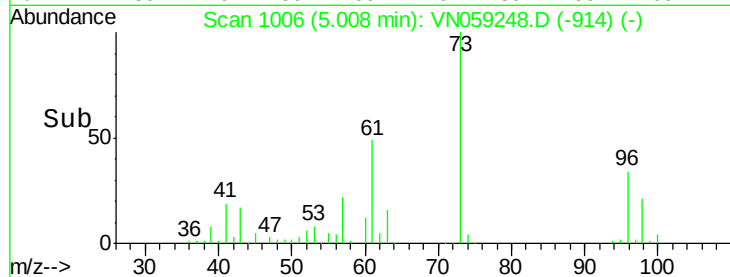
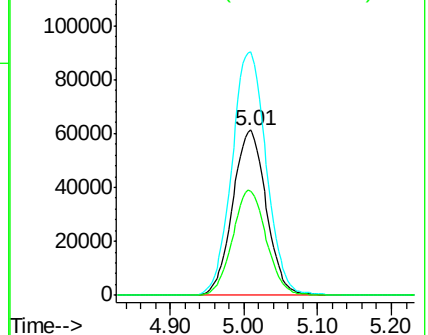
98 62.9 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN059095.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN059095.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN059095.D (-983) (-)



#22

Diisopropyl ether

Concen: 51.284 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Tgt Ion: 45 Resp: 744841

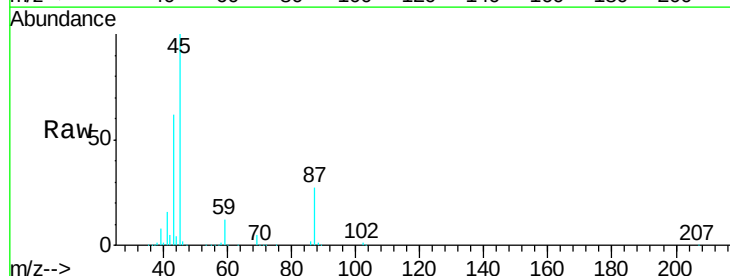
Ion Ratio Lower Upper

45 100

43 61.3 46.7 70.1

87 26.8 20.5 30.7

59 11.9 9.6 14.4

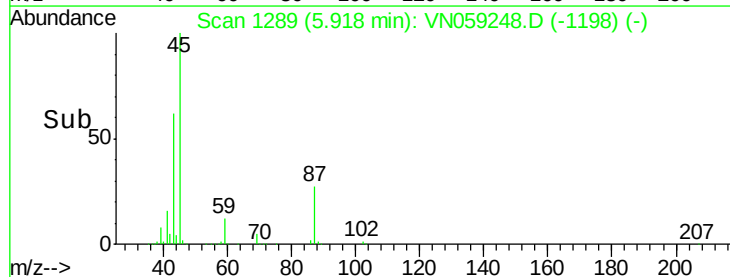
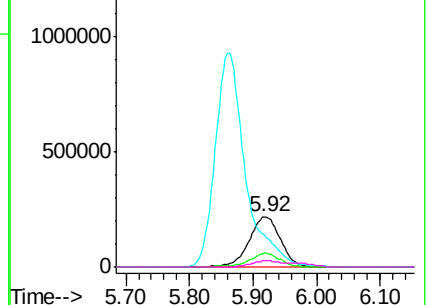


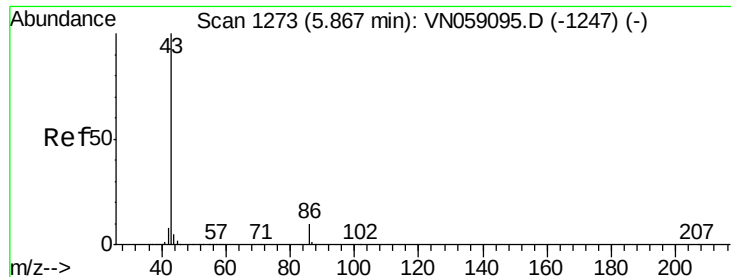
Abundance Ion 45.00 (44.70 to 45.70): VN059095.D (-1254) (-)

Ion 43.00 (42.70 to 43.70): VN059095.D (-1254) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1254) (-)

Ion 59.00 (58.70 to 59.70): VN059095.D (-1254) (-)





#23

Vinyl Acetate

Concen: 271.988 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

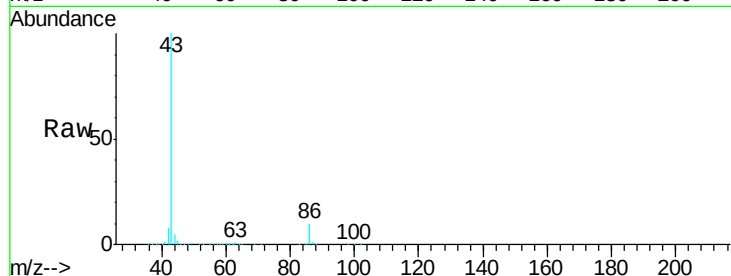
VSTDCCC050

Tgt Ion: 43 Resp: 3061577

Ion Ratio Lower Upper

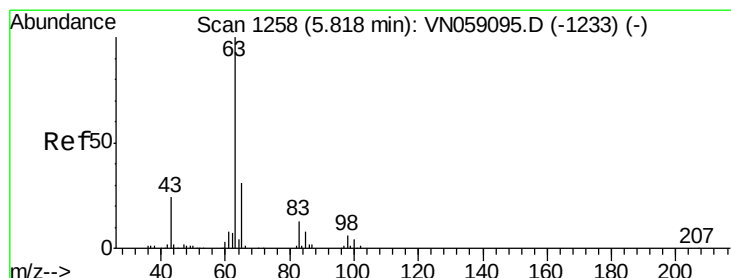
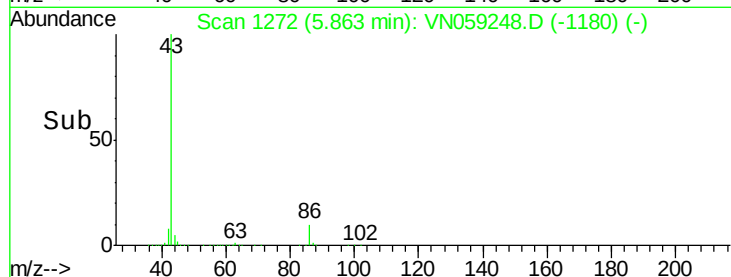
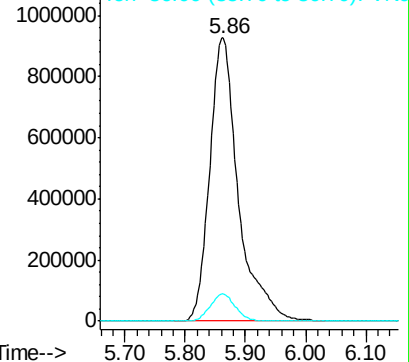
43 100

86 9.6 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: 49.742 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

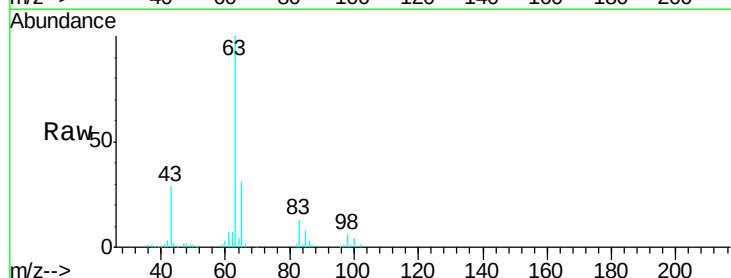
Tgt Ion: 63 Resp: 403508

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

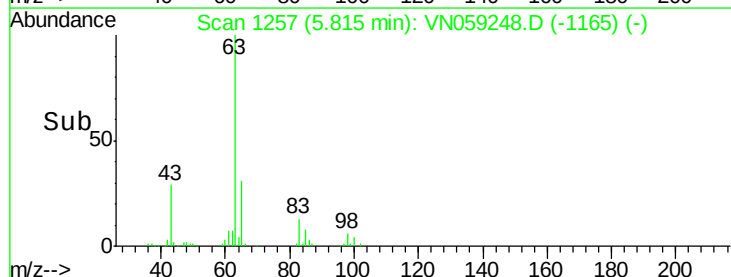
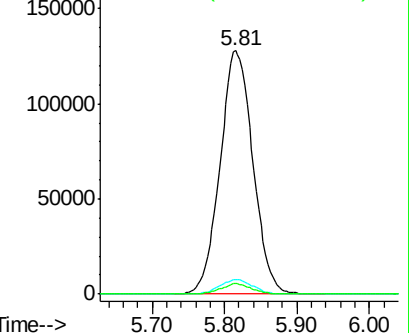
100 4.4 1.9 5.7

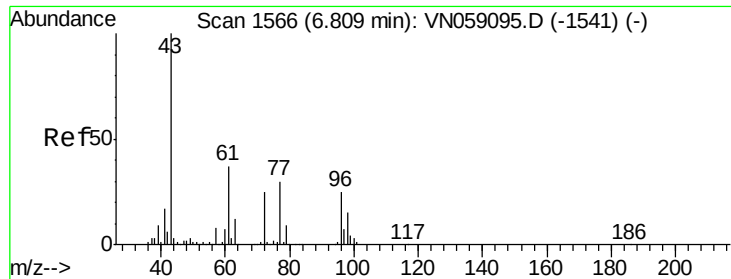


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

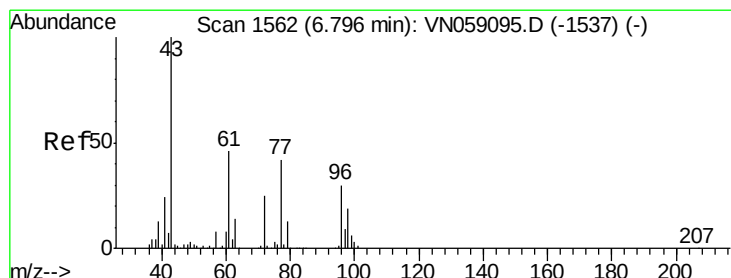
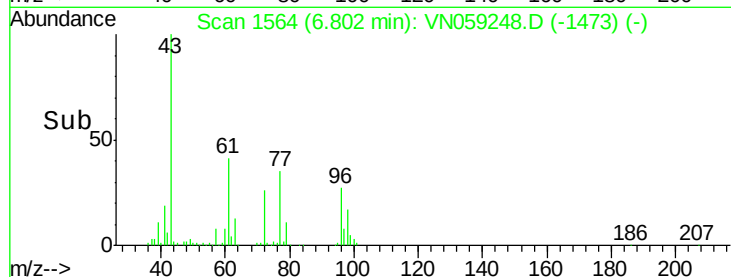
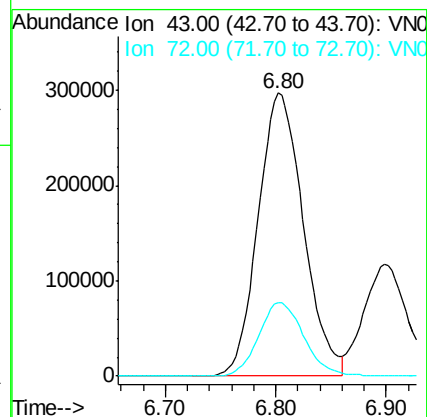
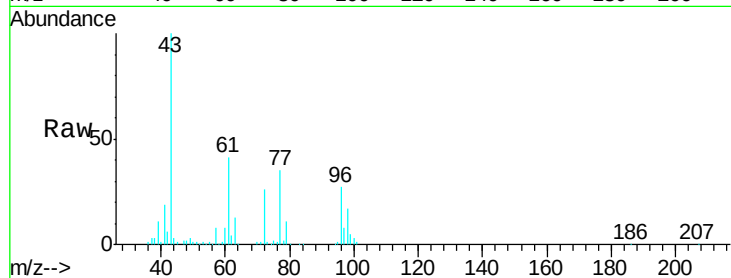




#25
 2-Butanone
 Concen: 249.240 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

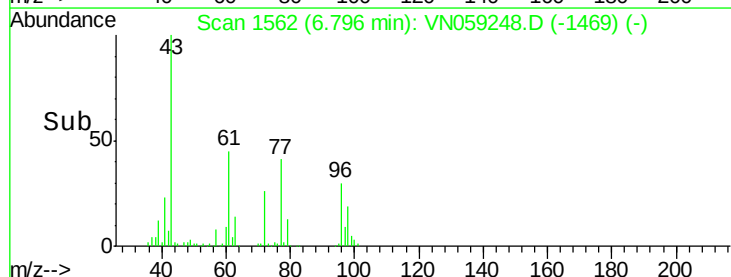
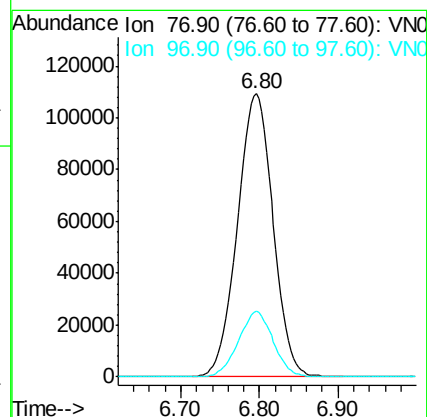
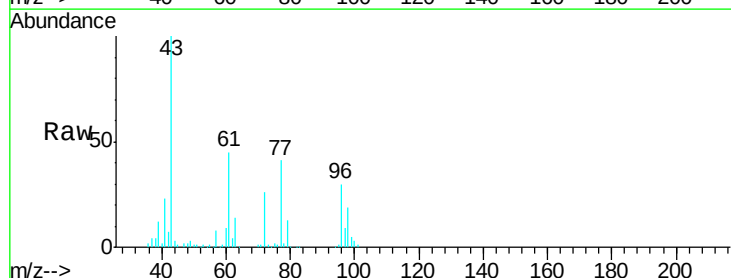
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

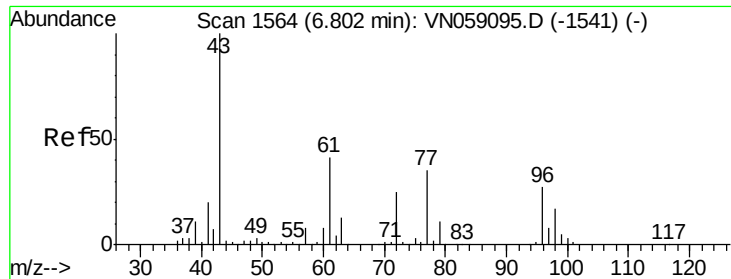
Tgt Ion: 43 Resp: 842608
 Ion Ratio Lower Upper
 43 100
 72 26.2 20.3 30.5



#26
 2,2-Dichloropropane
 Concen: 48.668 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 77 Resp: 345215
 Ion Ratio Lower Upper
 77 100
 97 22.6 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.376 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

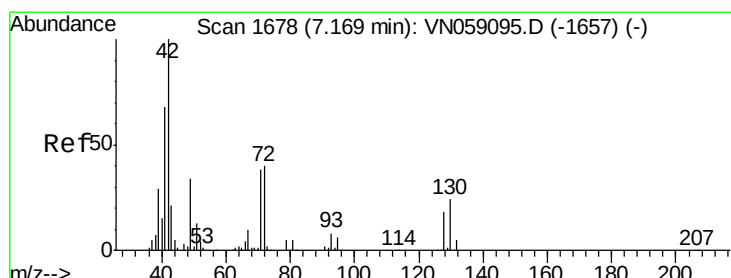
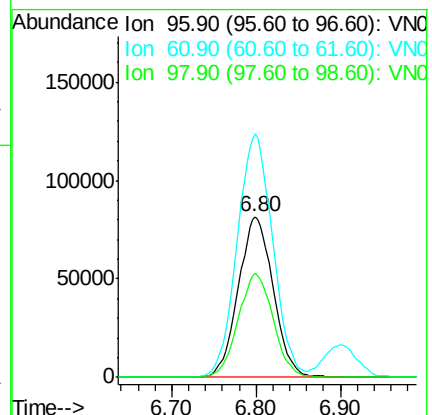
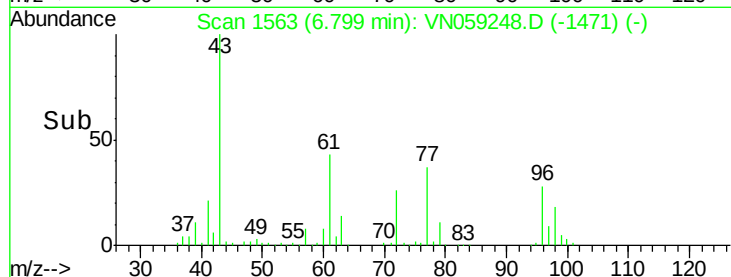
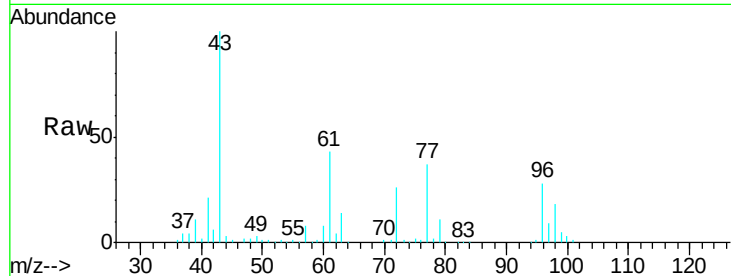
Tgt Ion: 96 Resp: 234834

Ion Ratio Lower Upper

96 100

61 154.4 0.0 311.6

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 47.630 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

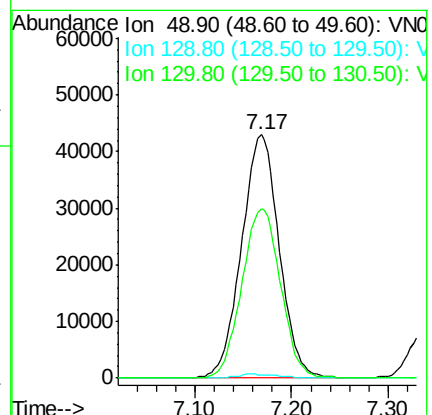
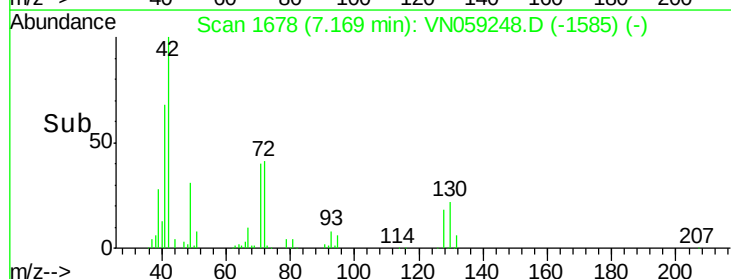
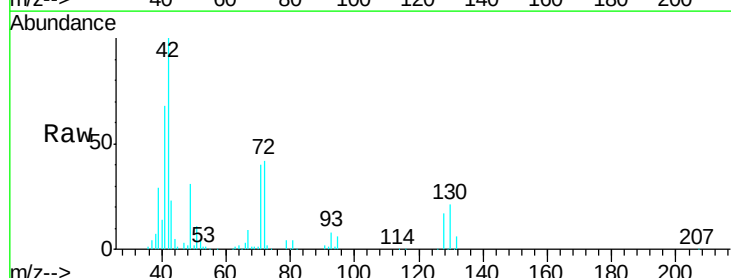
Tgt Ion: 49 Resp: 116242

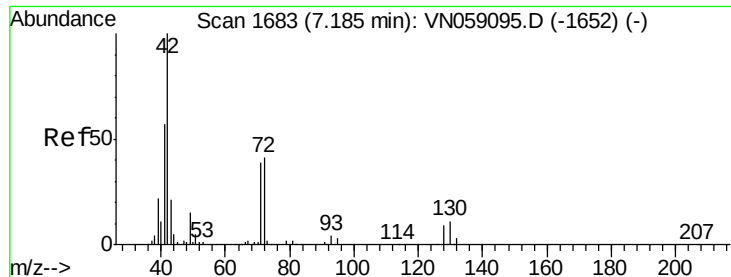
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 71.4 55.6 83.4

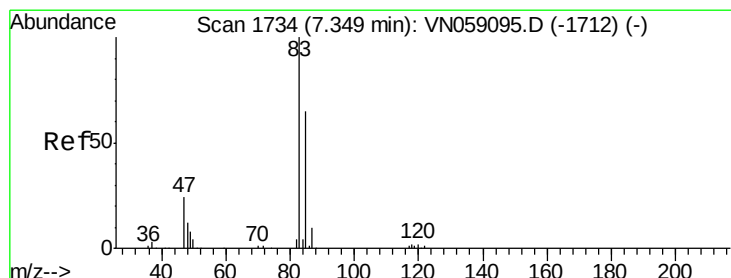
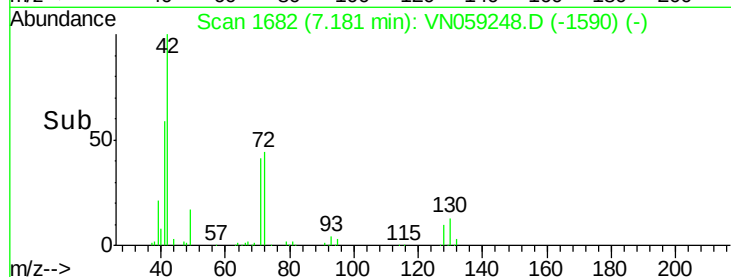
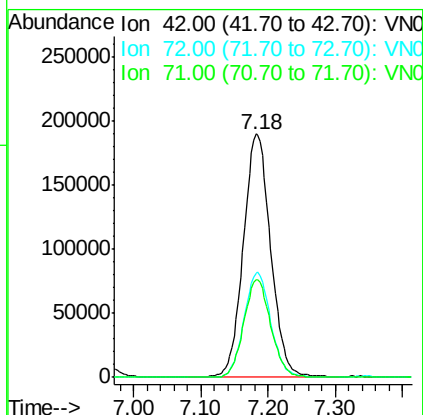
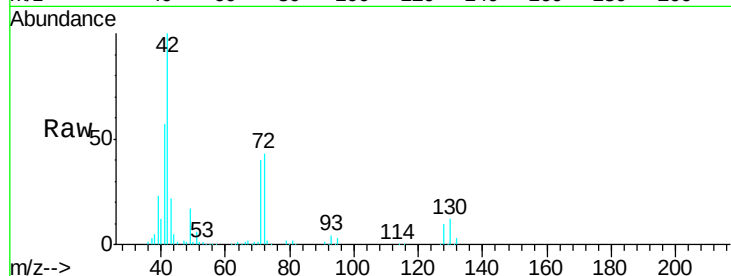




#29
Tetrahydrofuran
Concen: 248.772 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

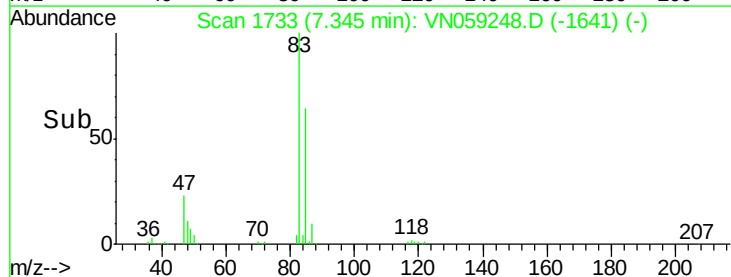
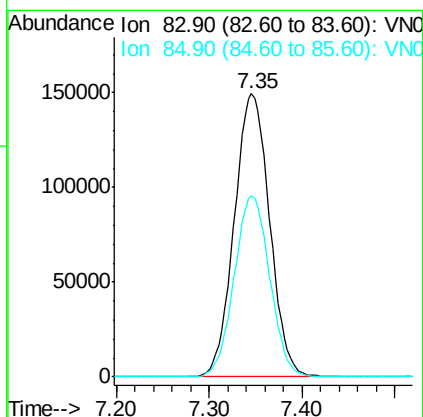
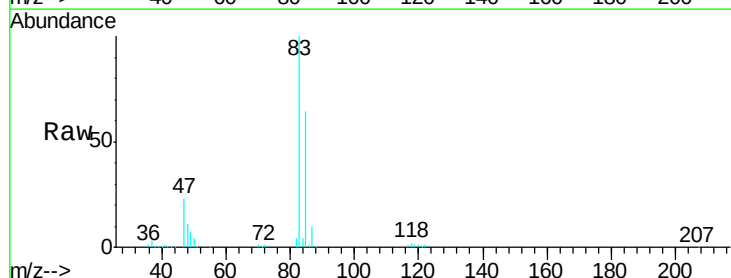
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

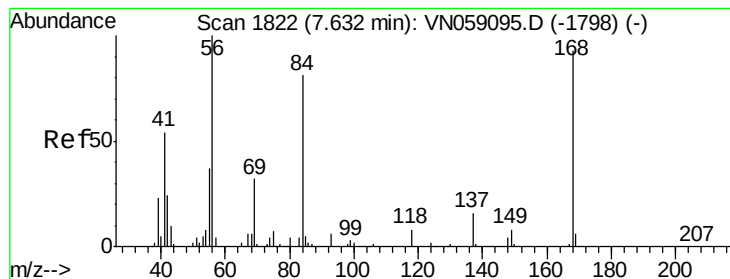
Tgt Ion: 42 Resp: 534386
Ion Ratio Lower Upper
42 100
72 42.3 33.1 49.7
71 39.7 30.9 46.3



#30
Chloroform
Concen: 50.802 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 83 Resp: 395325
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8





#31

Cyclohexane

Concen: 43.873 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

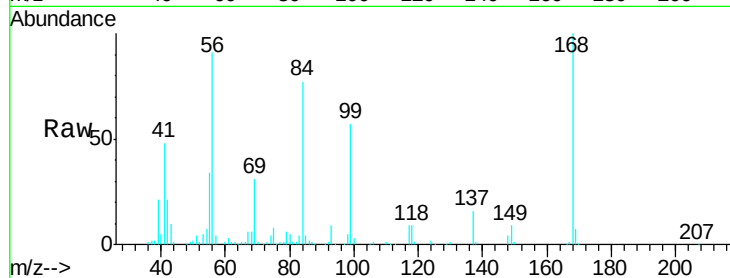
Tgt Ion: 56 Resp: 336920

Ion Ratio Lower Upper

56 100

69 34.0 25.8 38.8

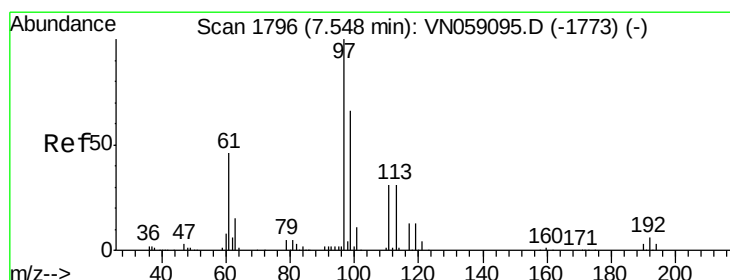
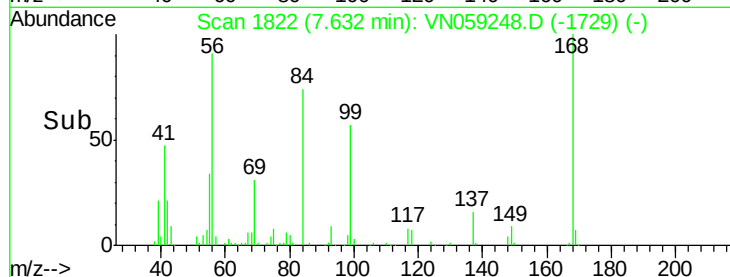
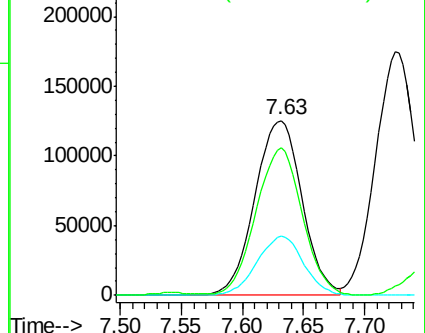
84 83.6 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN059248.D (-1798) (-)

Ion 69.00 (68.70 to 69.70): VN059248.D (-1798) (-)

Ion 84.00 (83.70 to 84.70): VN059248.D (-1798) (-)



#32

1,1,1-Trichloroethane

Concen: 50.901 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

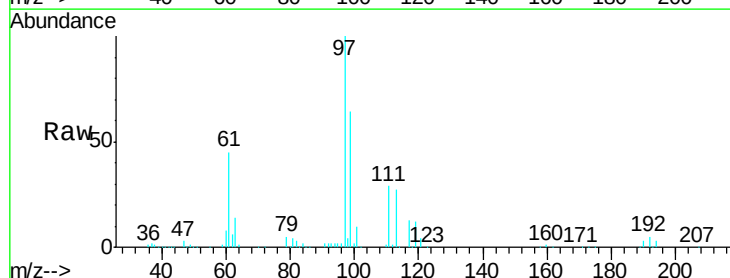
Tgt Ion: 97 Resp: 333014

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

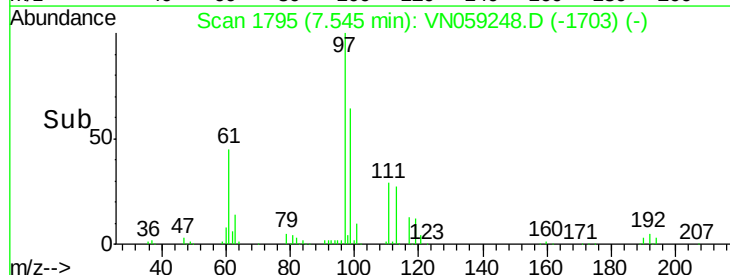
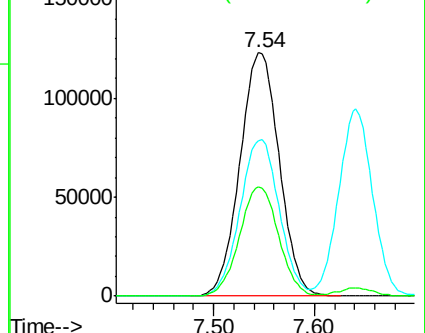
61 44.6 35.8 53.8

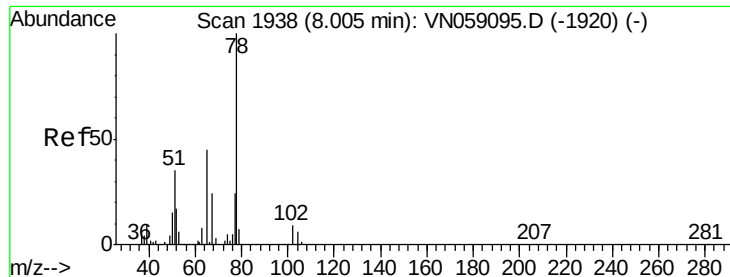


Abundance Ion 96.90 (96.60 to 97.60): VN059248.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059248.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059248.D (-1703) (-)

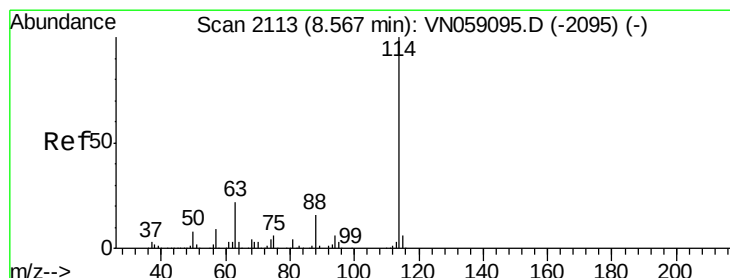
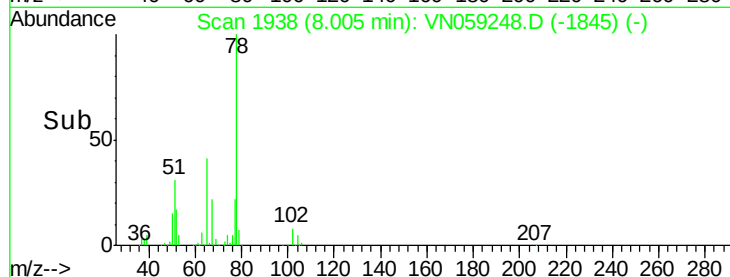
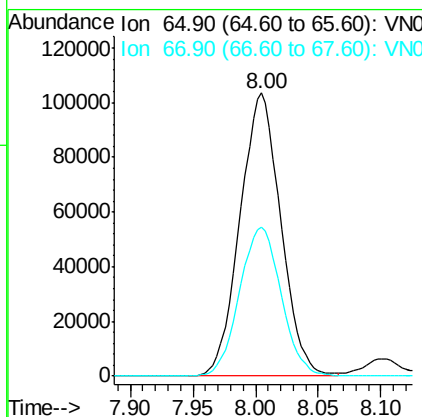
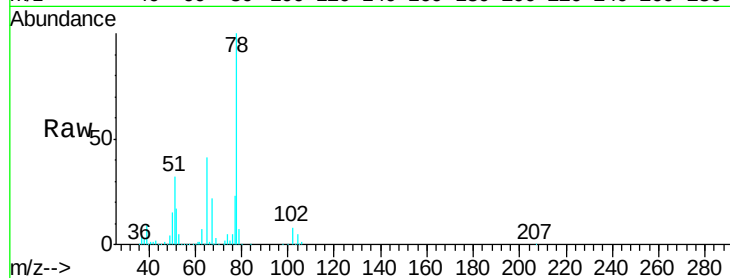




#33
 1,2-Dichloroethane-d4
 Concen: 47.508 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

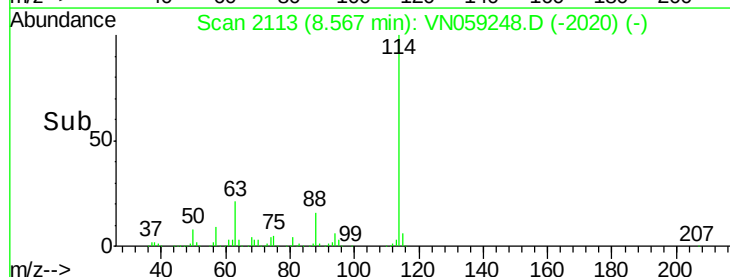
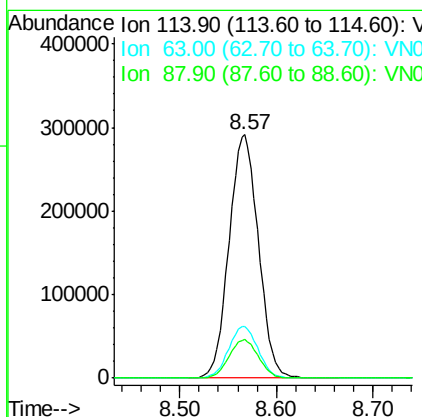
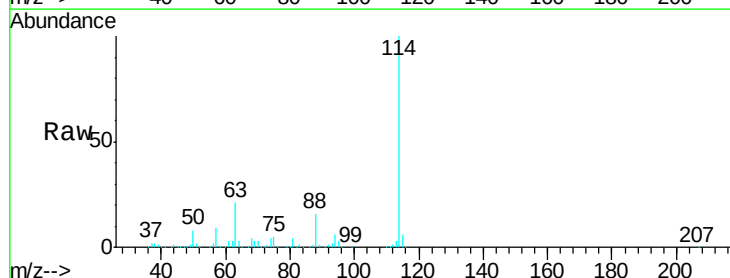
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

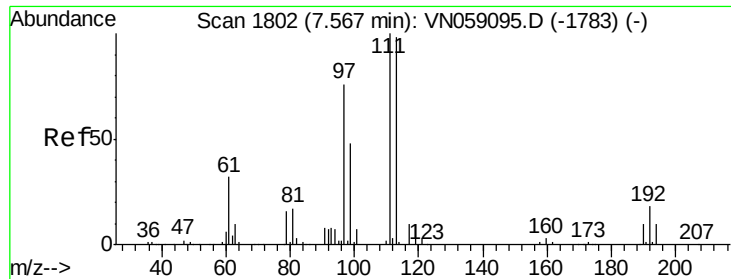
Tgt Ion: 65 Resp: 234345
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 114 Resp: 613377
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 15.8 0.0 32.2

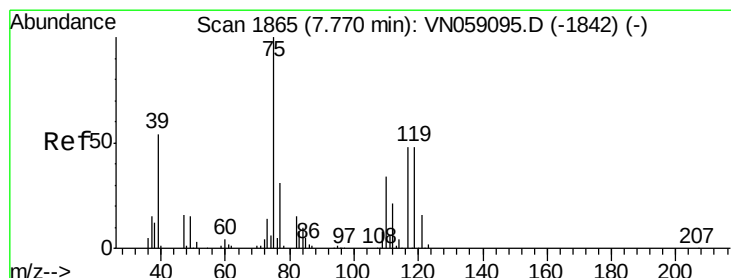
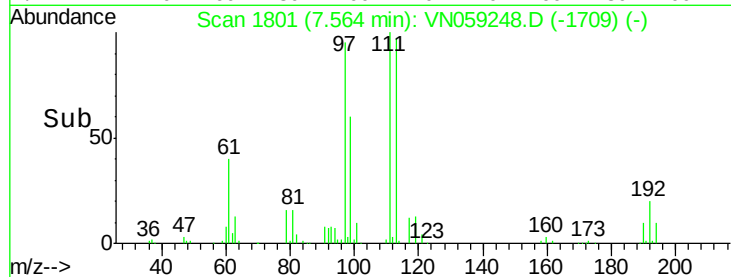
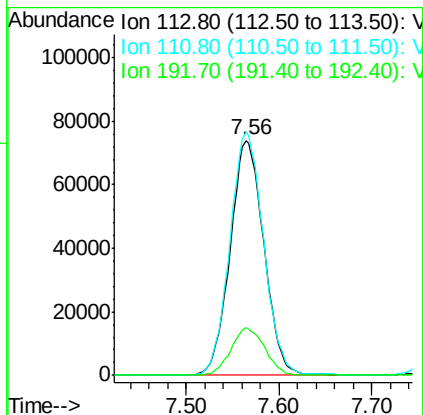
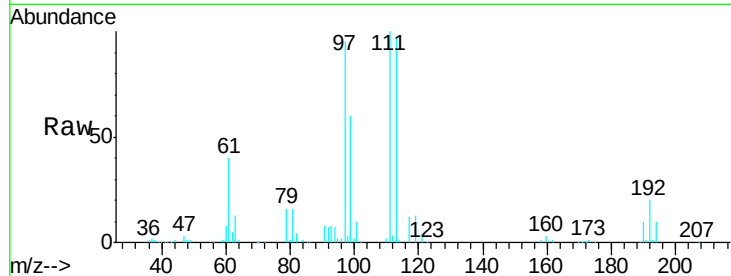




#35
 Dibromofluoromethane
 Concen: 50.915 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

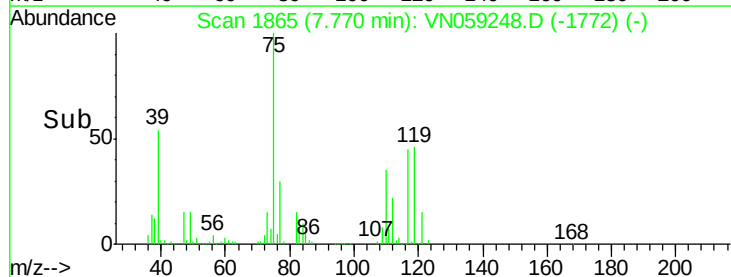
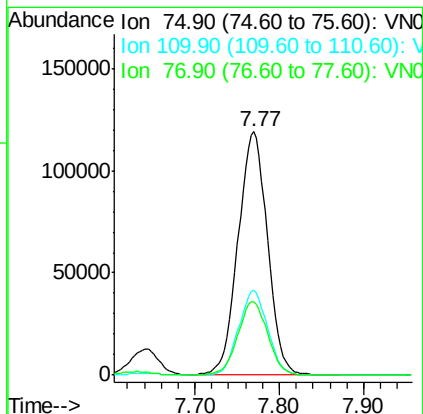
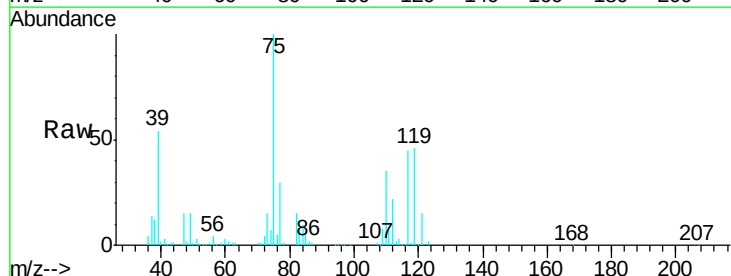
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

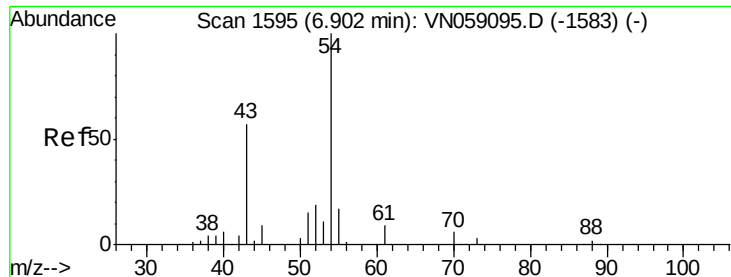
Tgt Ion: 113 Resp: 186475
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 20.2 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 50.473 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 75 Resp: 289374
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.1 51.2
 77 30.8 24.8 37.2

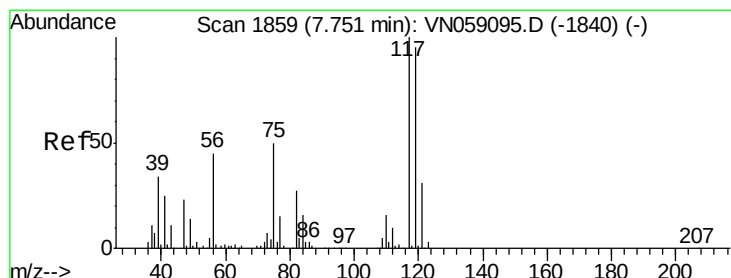
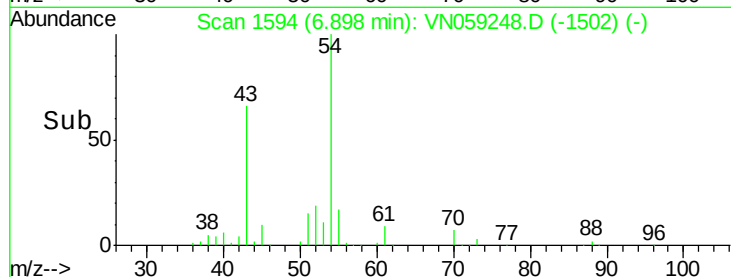
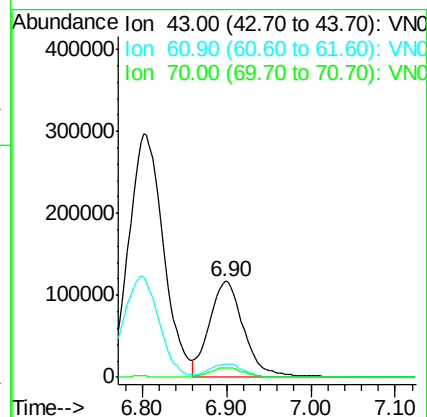
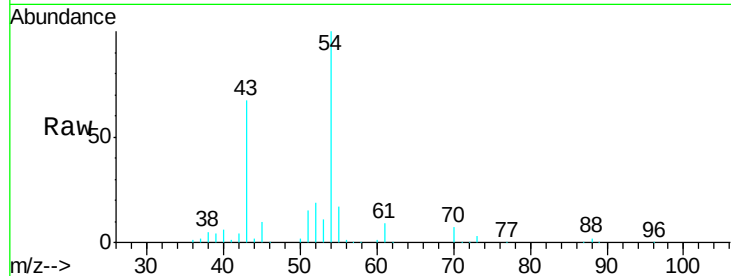




#37
Ethyl Acetate
Concen: 51.564 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

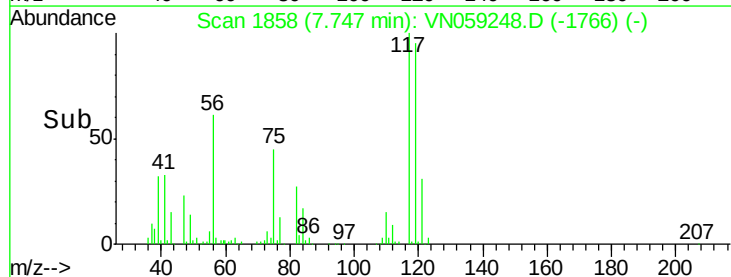
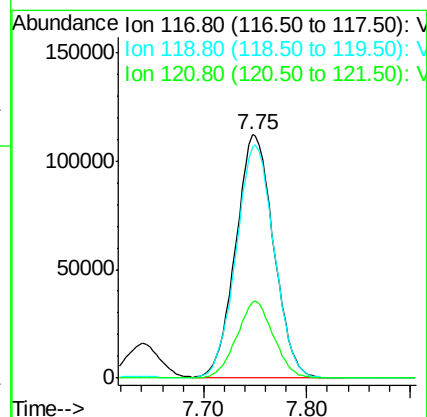
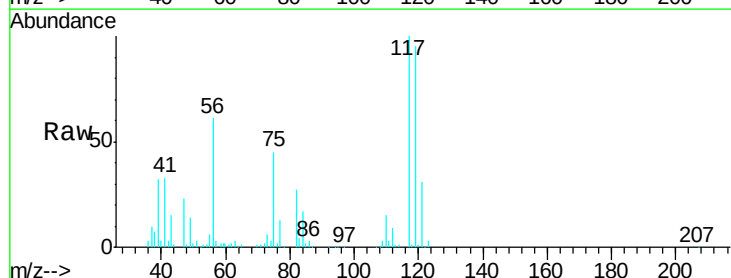
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

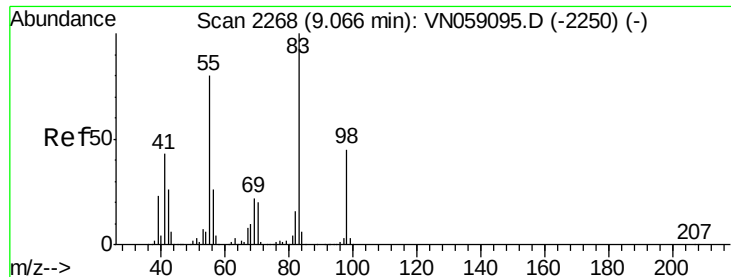
Tgt Ion: 43 Resp: 328881
Ion Ratio Lower Upper
43 100
61 14.5 11.2 16.8
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.390 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 117 Resp: 287545
Ion Ratio Lower Upper
117 100
119 94.8 75.6 113.4
121 31.0 24.6 36.8

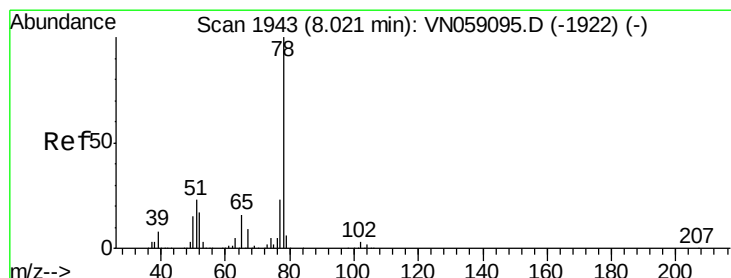
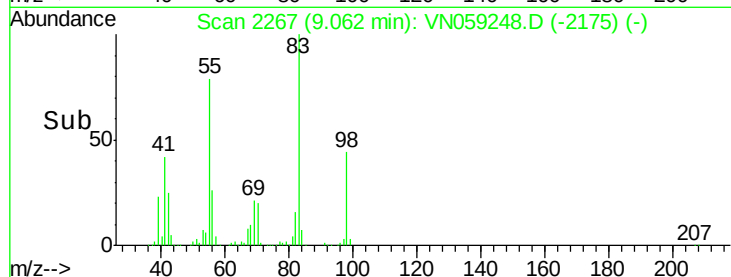
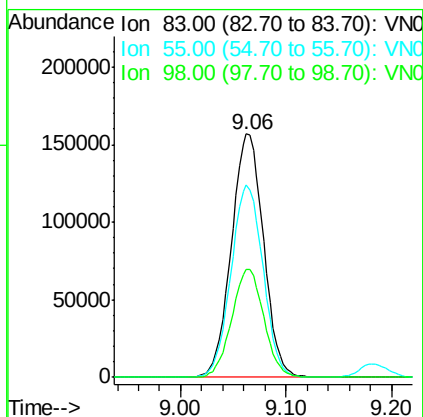
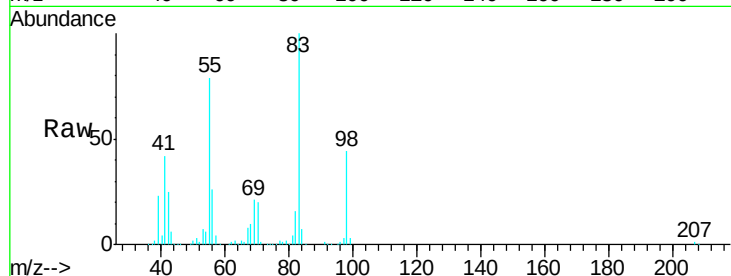




#39
Methylcyclohexane
Concen: 49.752 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

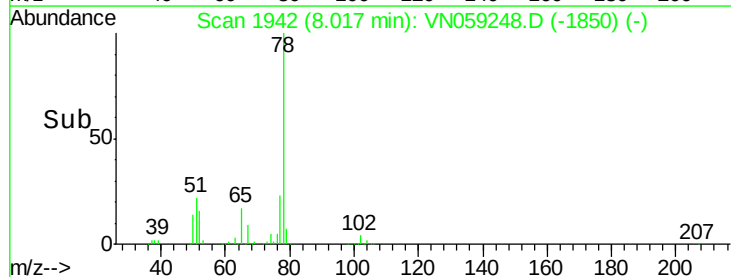
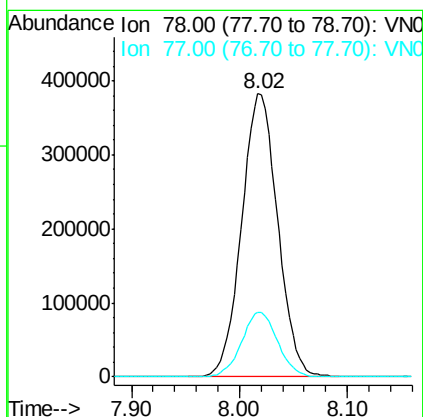
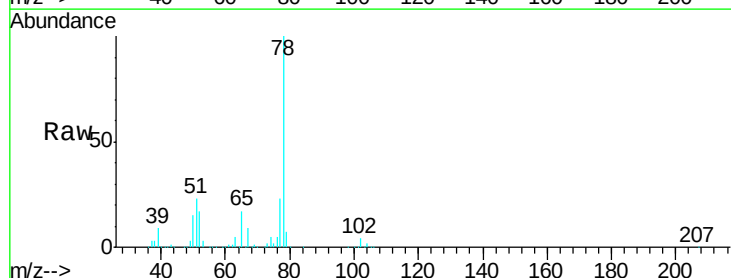
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

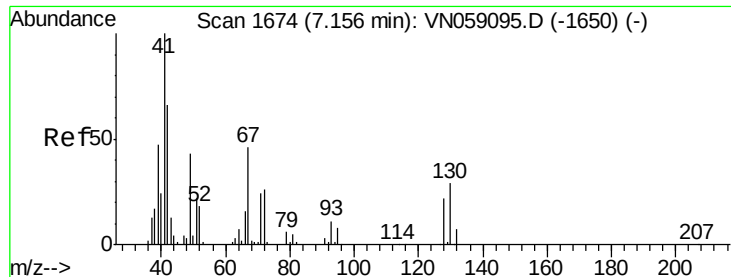
Tgt Ion: 83 Resp: 331052
Ion Ratio Lower Upper
83 100
55 78.9 63.9 95.9
98 44.3 35.6 53.4



#40
Benzene
Concen: 51.457 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 78 Resp: 888411
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

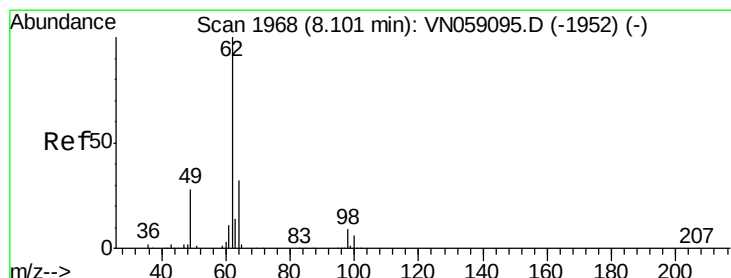
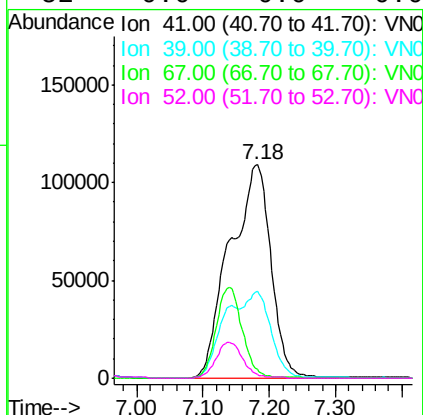
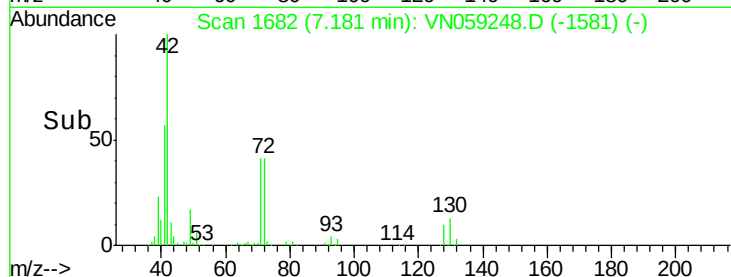
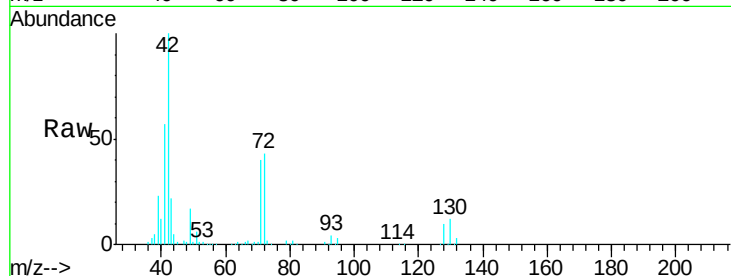




#41
Methacrylonitrile
Concen: 168.442 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

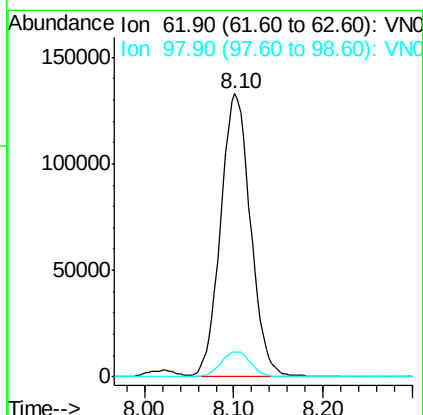
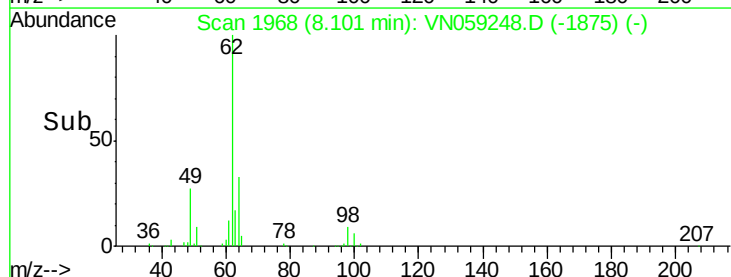
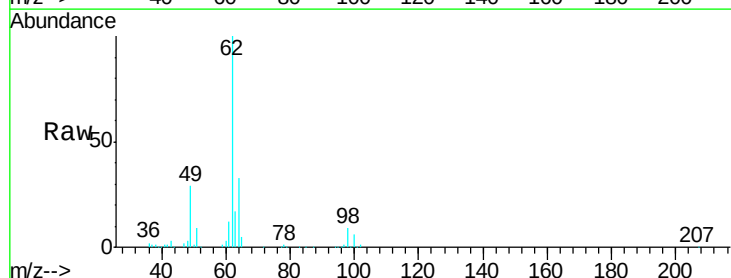
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

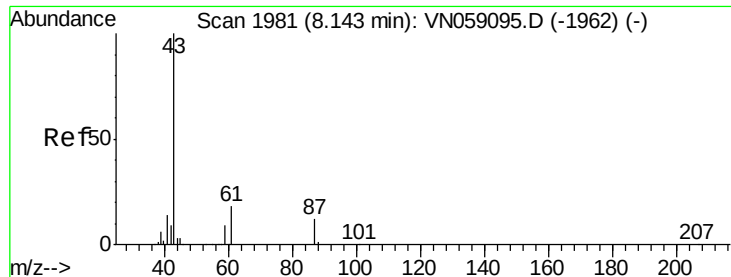
Tgt Ion:	41	Resp:	467170
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 52.021 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion:	62	Resp:	308038
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8





#43

Isopropyl Acetate

Concen: 51.332 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

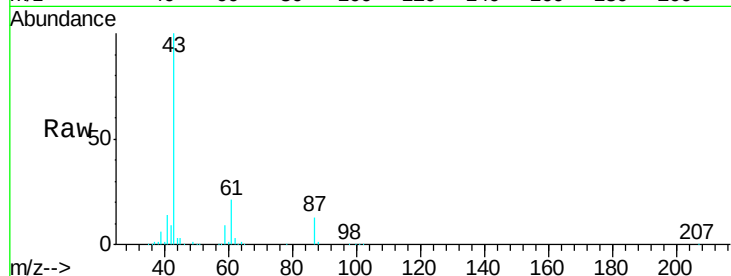
Tgt Ion: 43 Resp: 521961

Ion Ratio Lower Upper

43 100

61 26.8 21.0 31.6

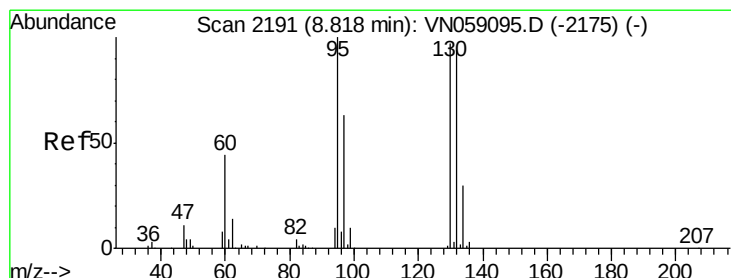
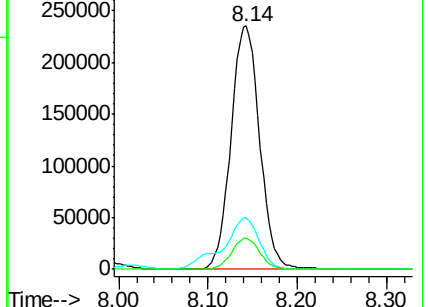
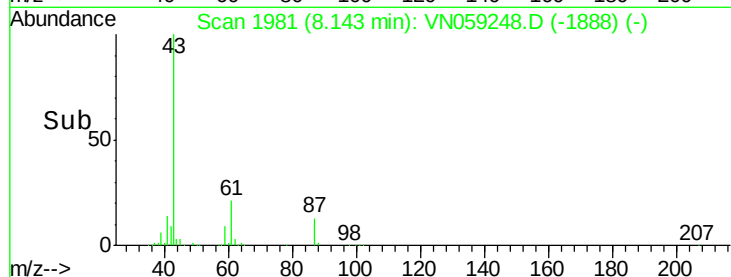
87 12.6 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059248.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059248.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059248.D (-1962) (-)



#44

Trichloroethene

Concen: 52.002 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059248.D

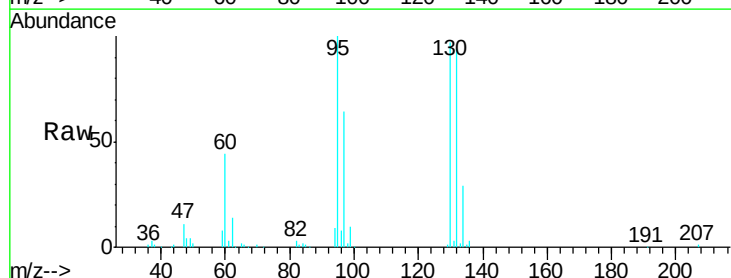
Acq: 15 Nov 2019 8:35

Tgt Ion: 130 Resp: 220698

Ion Ratio Lower Upper

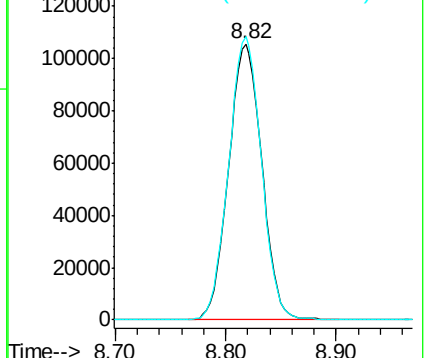
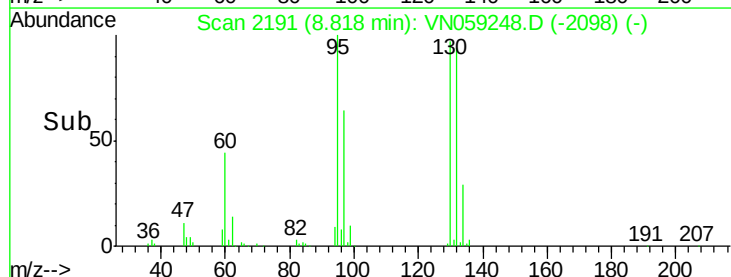
130 100

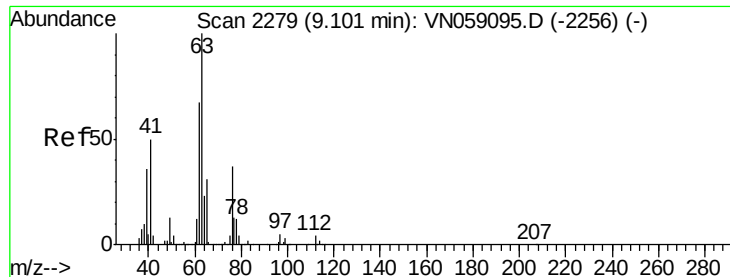
95 102.6 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059248.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059248.D (-2175) (-)

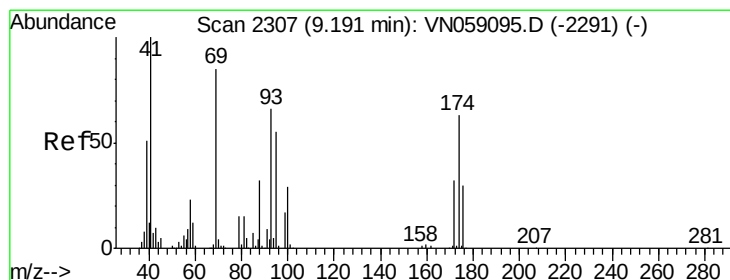
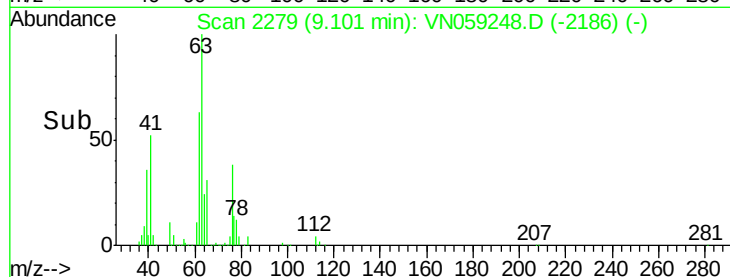
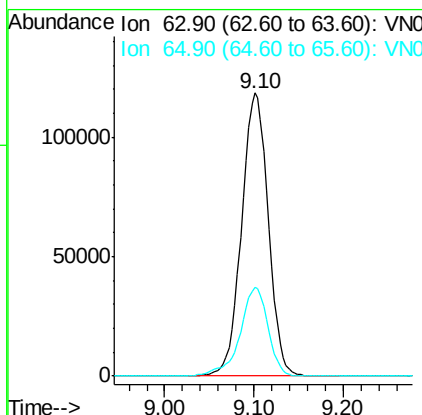
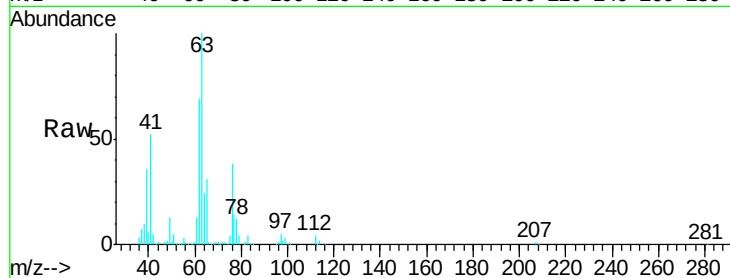




#45
 1,2-Dichloropropane
 Concen: 52.631 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

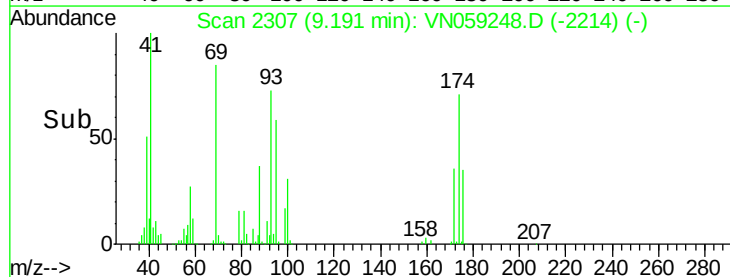
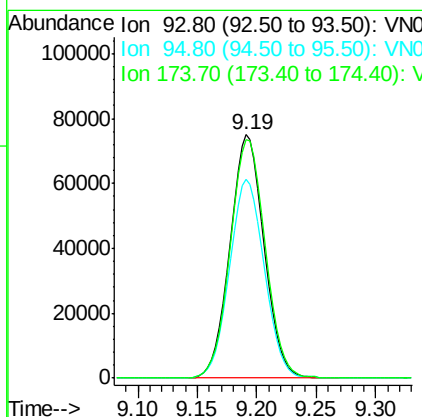
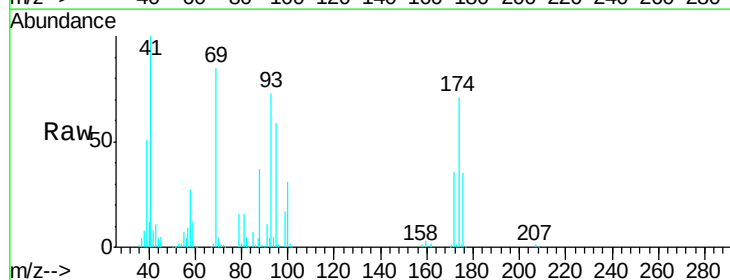
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

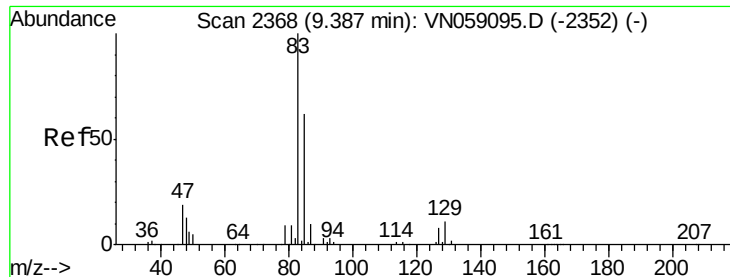
Tgt Ion: 63 Resp: 246813
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 37.0



#46
 Dibromomethane
 Concen: 50.935 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 93 Resp: 148845
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 101.0 78.2 117.2





#47

Bromodichloromethane

Concen: 53.629 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

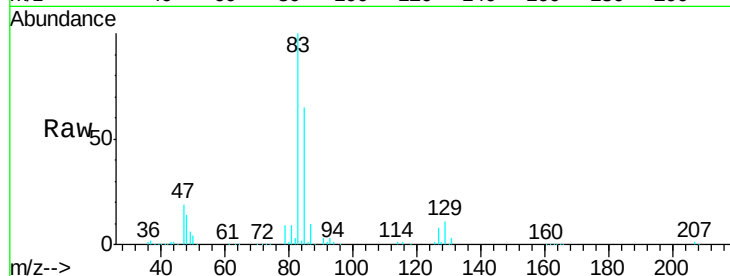
Tgt Ion: 83 Resp: 312935

Ion Ratio Lower Upper

83 100

85 64.6 49.7 74.5

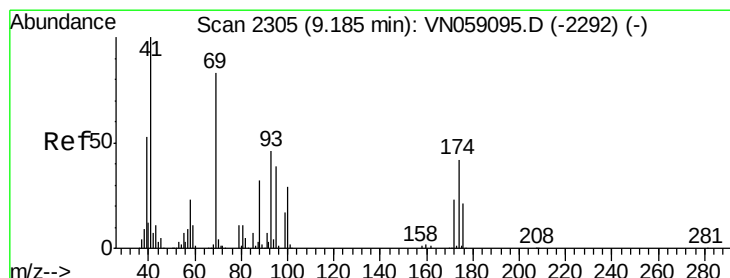
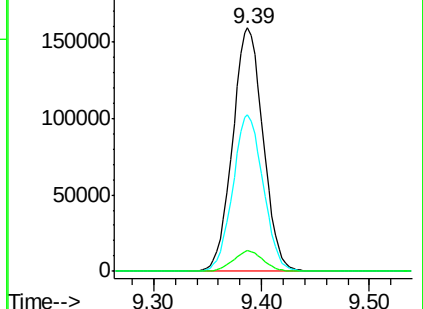
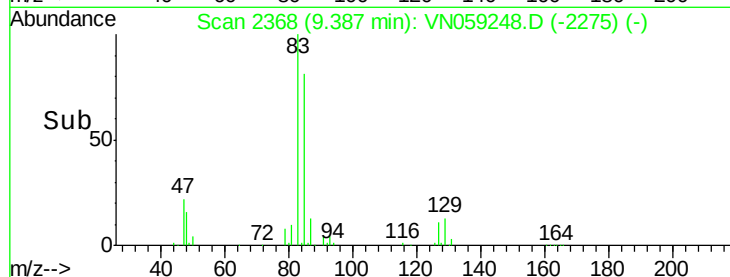
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059248.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059248.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059248.D (-2275) (-)



#48

Methyl methacrylate

Concen: 51.375 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

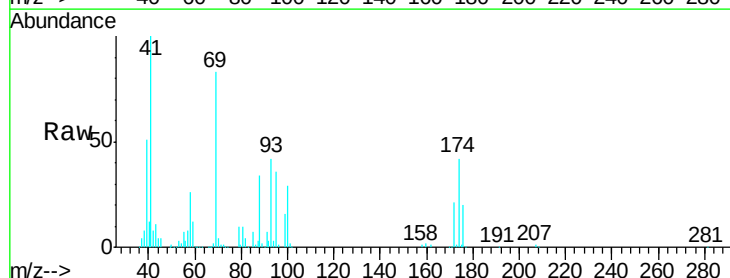
Tgt Ion: 41 Resp: 233668

Ion Ratio Lower Upper

41 100

69 86.4 67.3 100.9

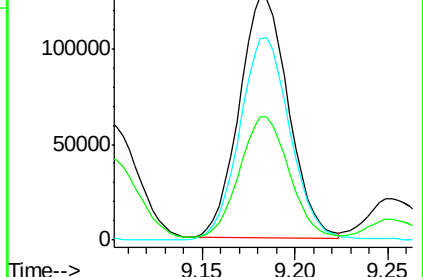
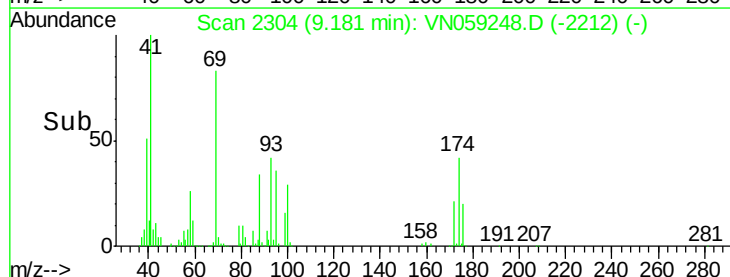
39 52.6 43.3 64.9

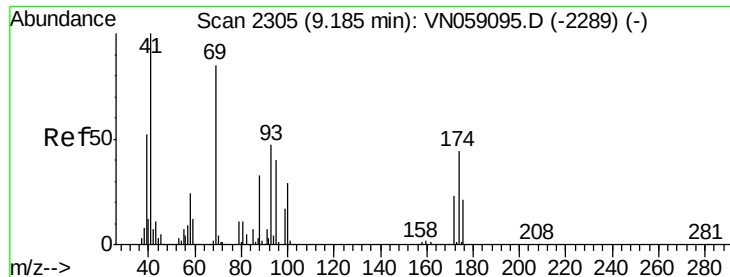


Abundance Ion 41.00 (40.70 to 41.70): VN059248.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059248.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059248.D (-2212) (-)

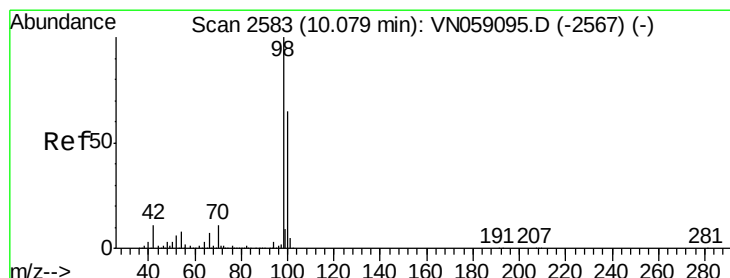
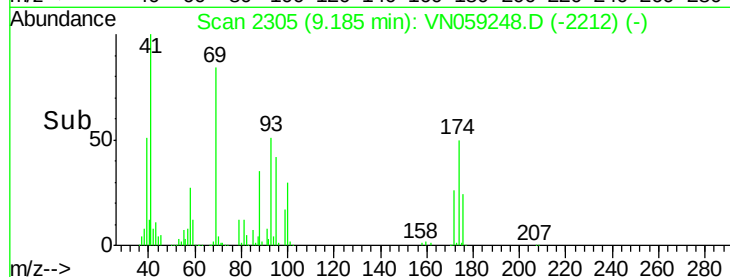
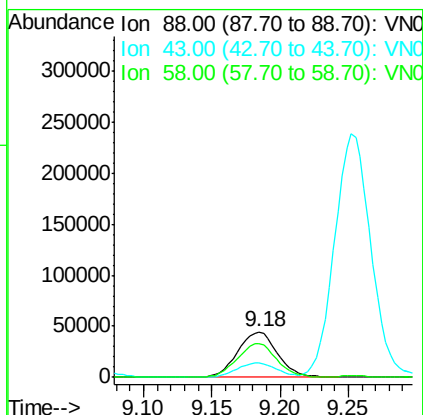
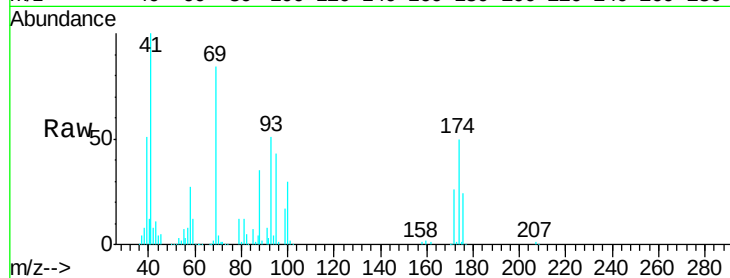




#49
1,4-Dioxane
Concen: 1125.583 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

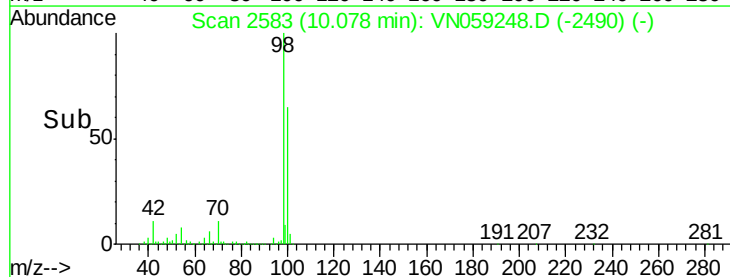
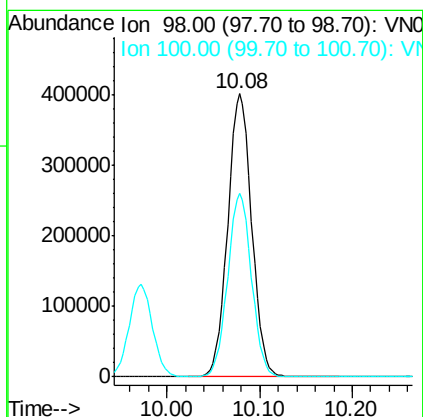
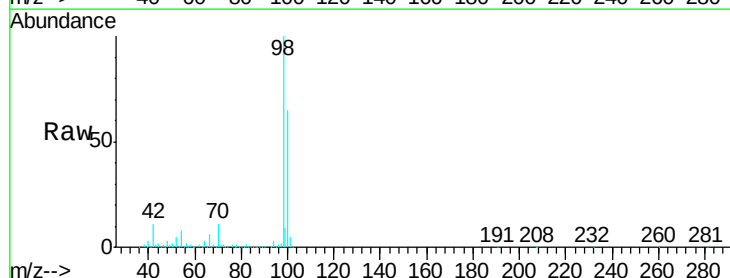
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

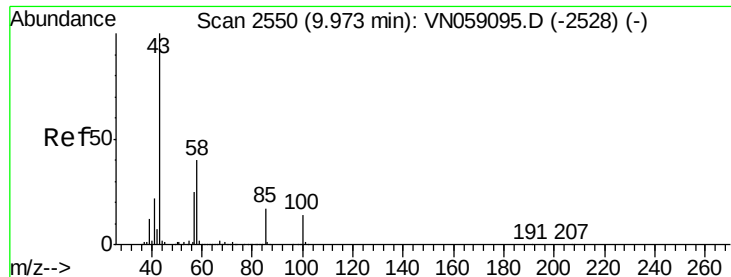
Tgt Ion: 88 Resp: 90980
Ion Ratio Lower Upper
88 100
43 30.8 26.3 39.5
58 73.1 60.6 90.8



#50
Toluene-d8
Concen: 49.717 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 98 Resp: 717224
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

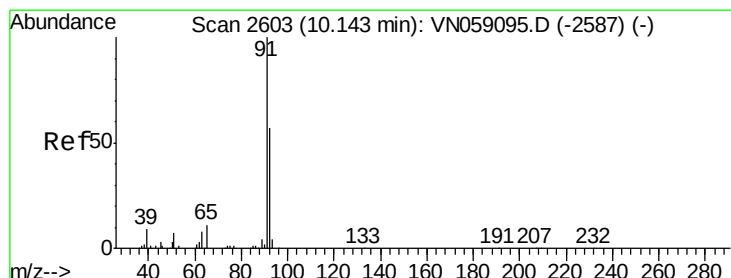
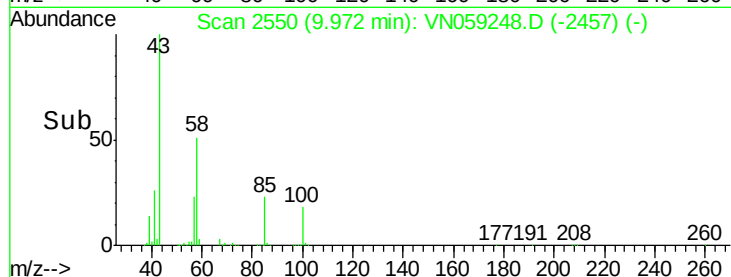
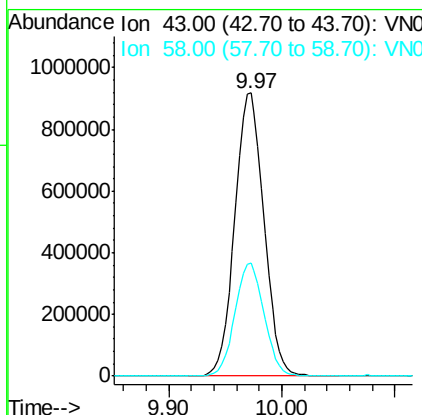
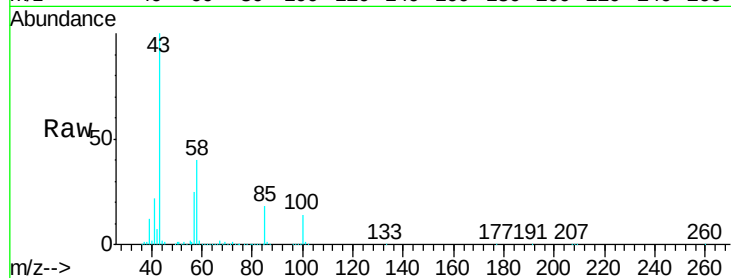




#51
 4-Methyl-2-Pentanone
 Concen: 286.482 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

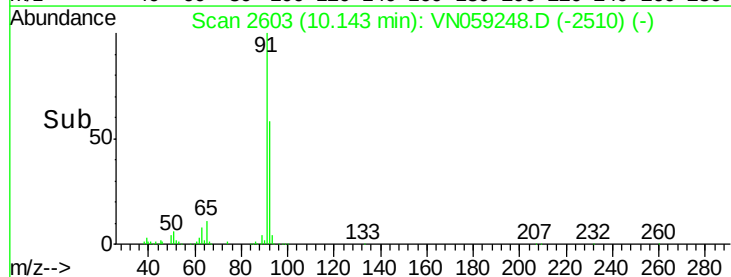
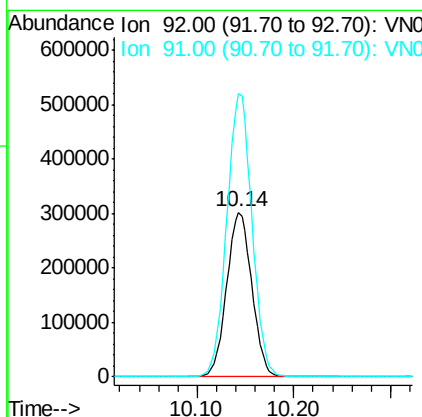
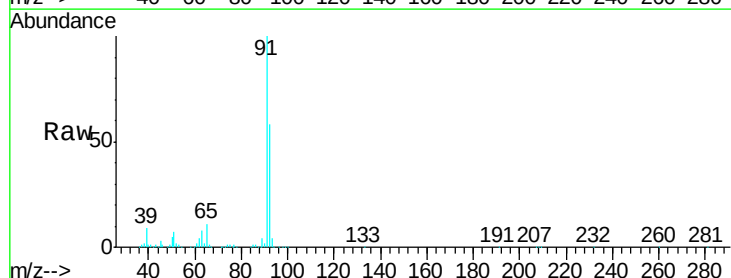
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

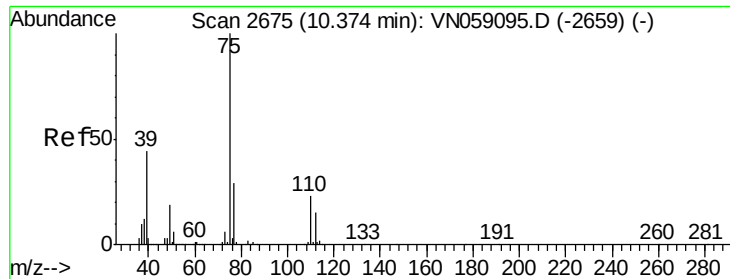
Tgt Ion: 43 Resp: 1648270
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.5 47.3



#52
 Toluene
 Concen: 52.868 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 92 Resp: 547081
 Ion Ratio Lower Upper
 92 100
 91 172.6 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 53.219 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

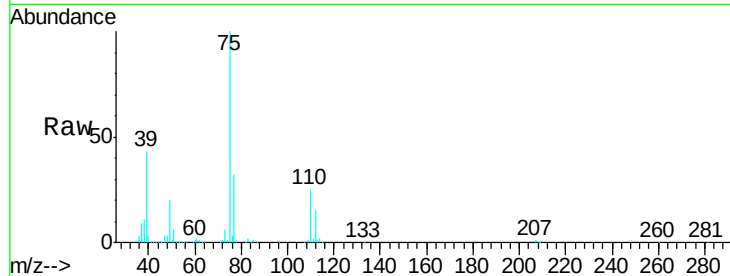
VSTDCCC050

Tgt Ion: 75 Resp: 358783

Ion Ratio Lower Upper

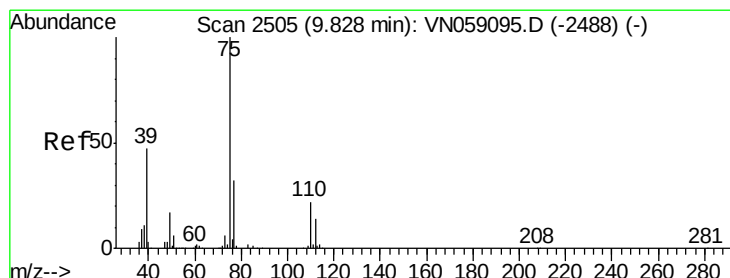
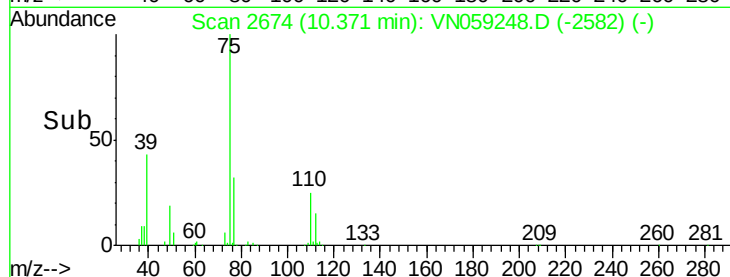
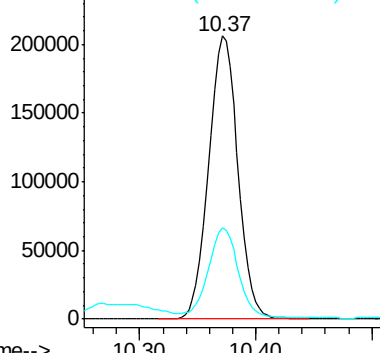
75 100

77 31.5 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.334 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

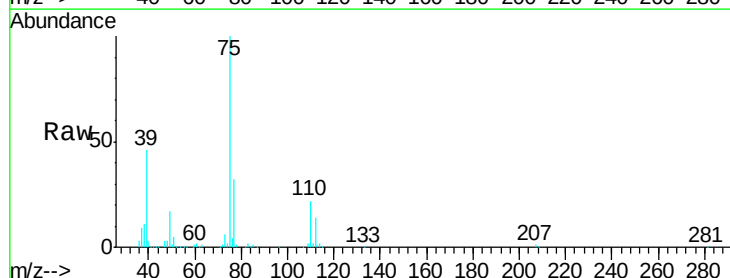
Tgt Ion: 75 Resp: 386766

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

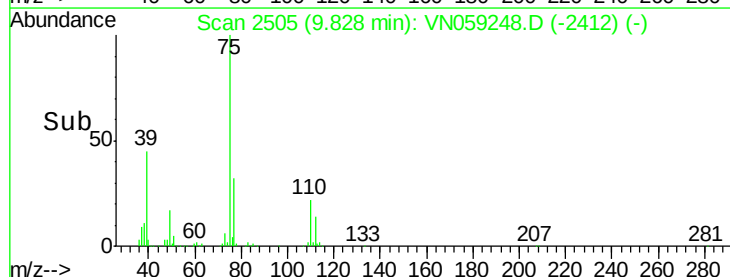
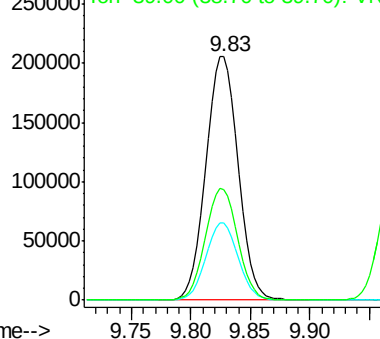
39 45.4 37.3 55.9

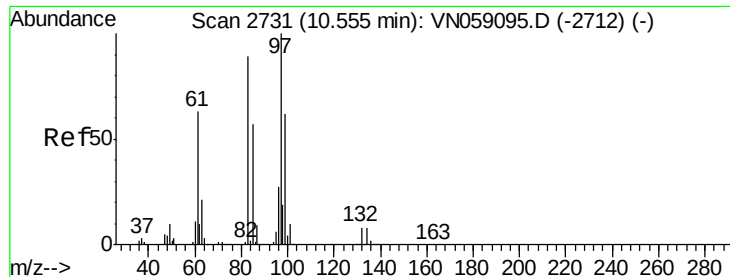


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.138 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 222542

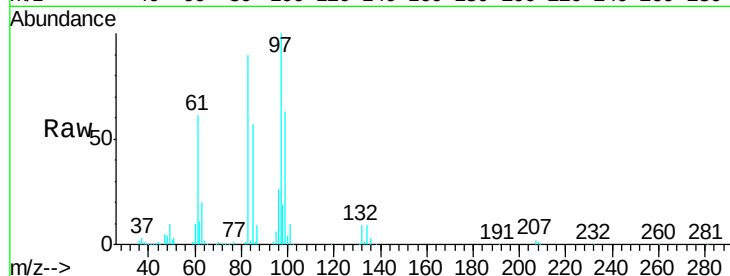
Ion Ratio Lower Upper

97 100

83 90.0 71.0 106.4

85 56.5 45.8 68.8

99 63.4 49.4 74.0

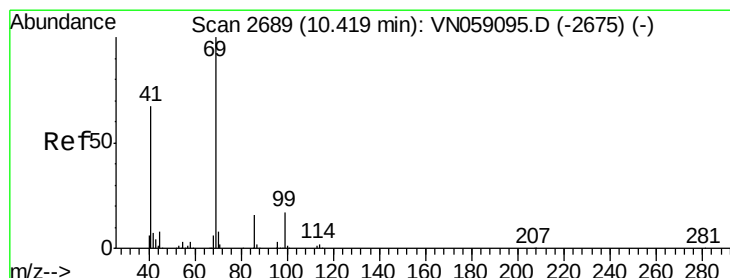
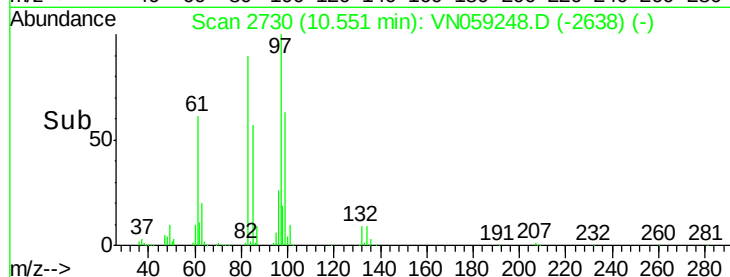
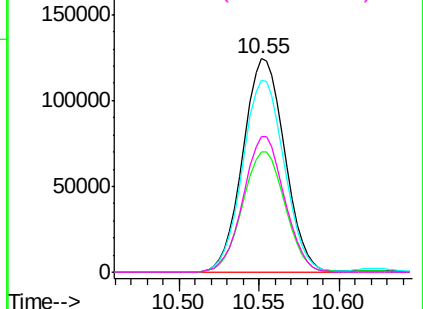


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.920 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

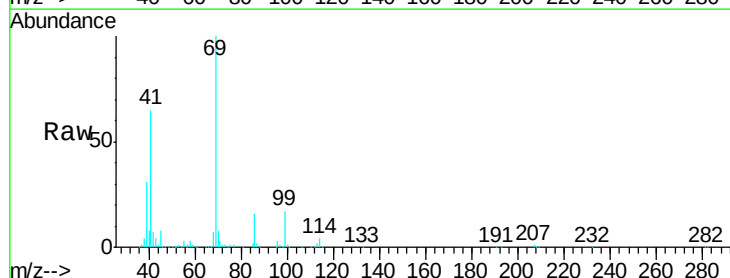
Tgt Ion: 69 Resp: 348670

Ion Ratio Lower Upper

69 100

41 64.9 53.6 80.4

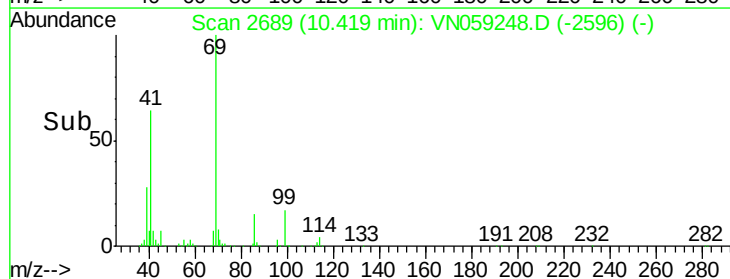
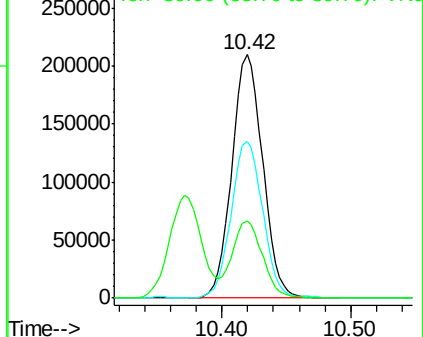
39 31.0 26.2 39.4

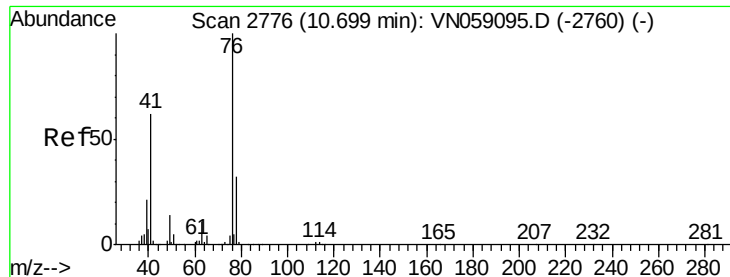


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 53.247 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

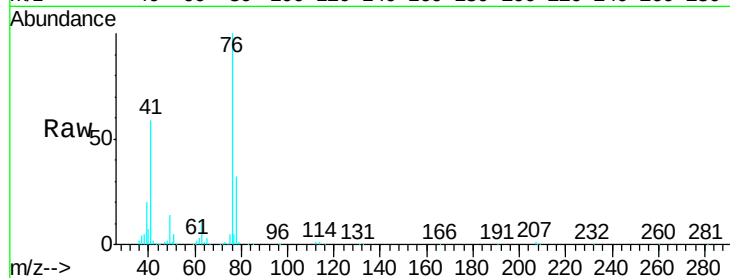
VSTDCCC050

Tgt Ion: 76 Resp: 383798

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059248.D (-2683) (-)

Ion 77.90 (77.60 to 78.60): VN059248.D (-2683) (-)

10.70

250000

200000

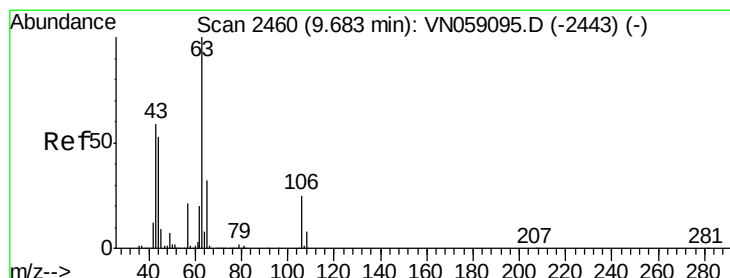
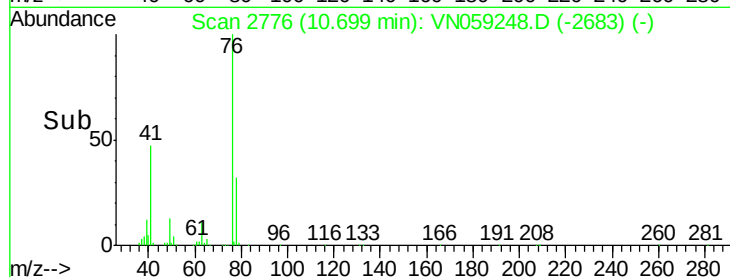
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 294.365 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059248.D

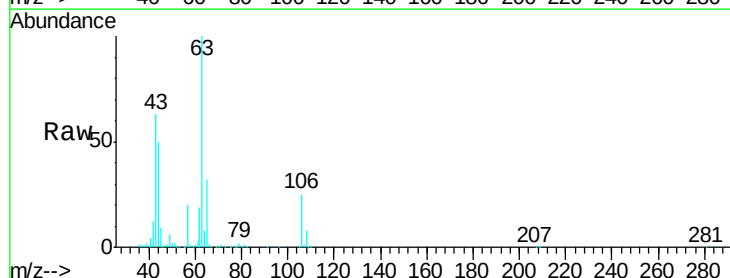
Acq: 15 Nov 2019 8:35

Tgt Ion: 63 Resp: 686081

Ion Ratio Lower Upper

63 100

106 25.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059248.D (-2367) (-)

Ion 105.90 (105.60 to 106.60): VN059248.D (-2367) (-)

9.68

400000

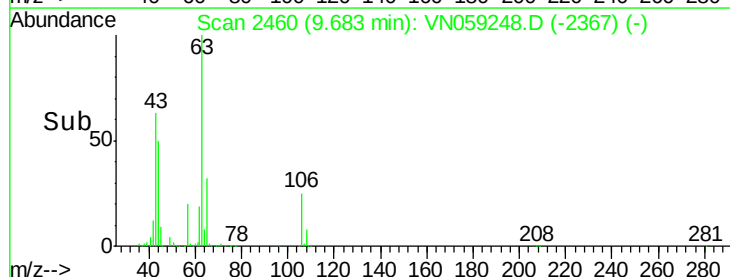
300000

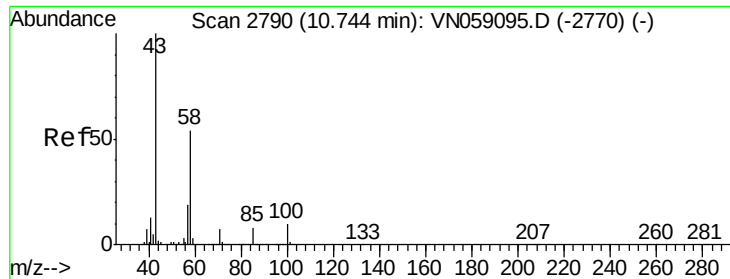
200000

100000

0

Time-->

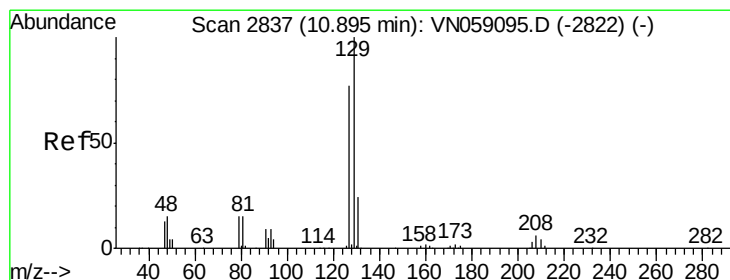
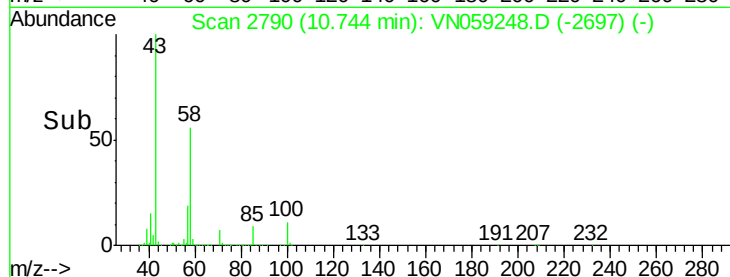
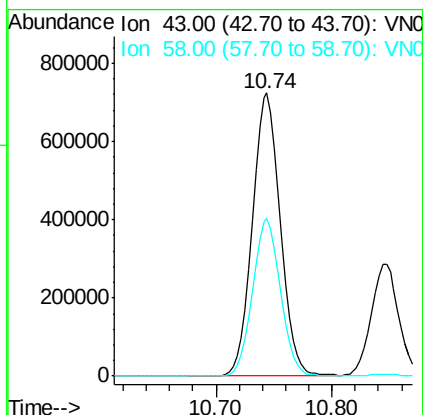
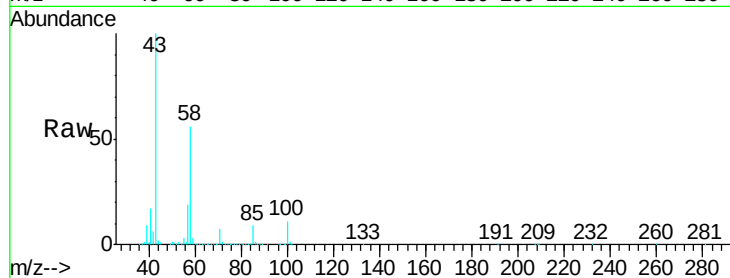




#59
2-Hexanone
Concen: 276.221 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

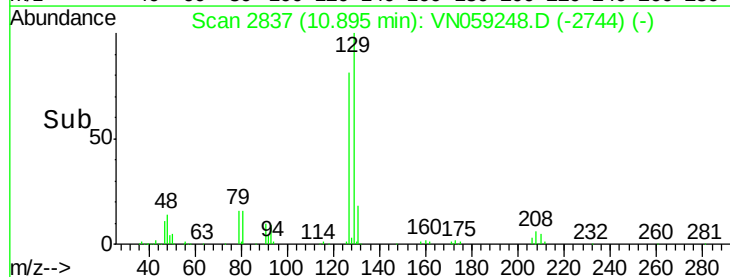
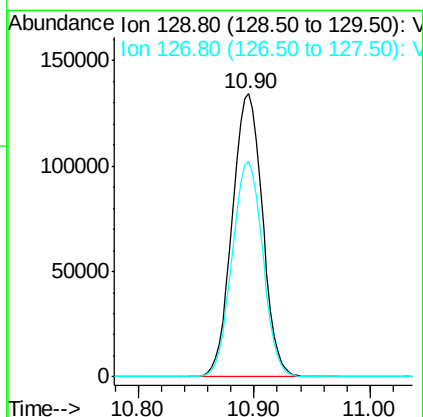
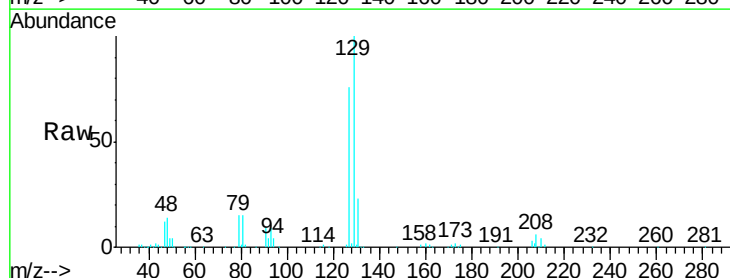
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

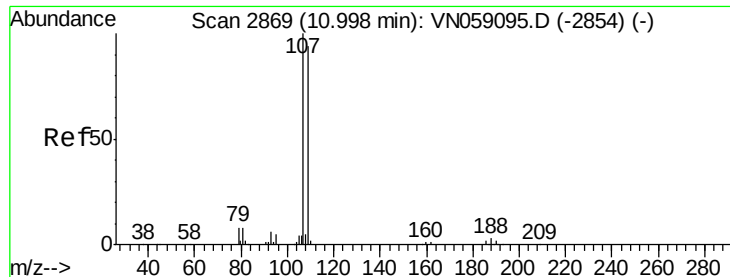
Tgt Ion: 43 Resp: 1219811
Ion Ratio Lower Upper
43 100
58 55.6 27.3 81.8



#60
Dibromochloromethane
Concen: 54.906 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 129 Resp: 243120
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8

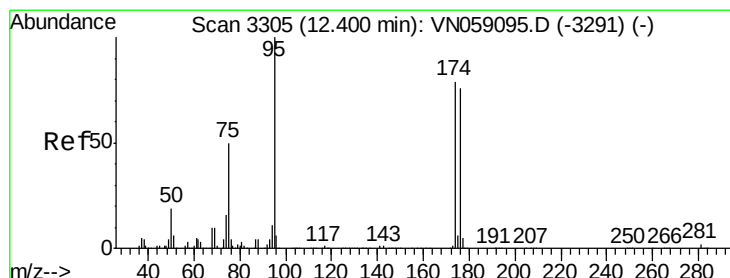
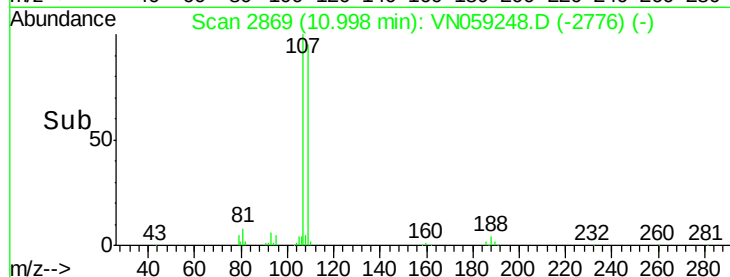
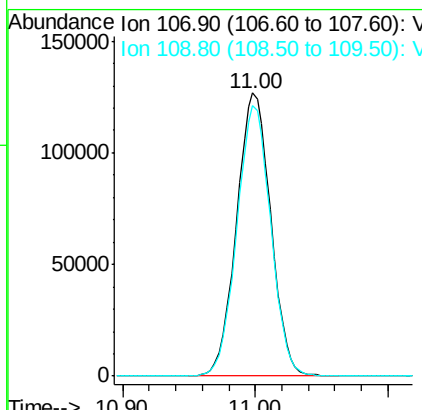
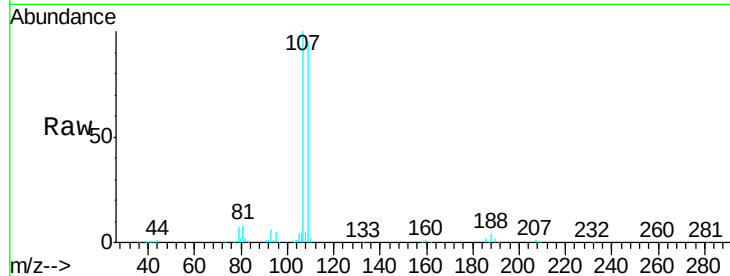




#61
 1,2-Dibromoethane
 Concen: 53.509 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

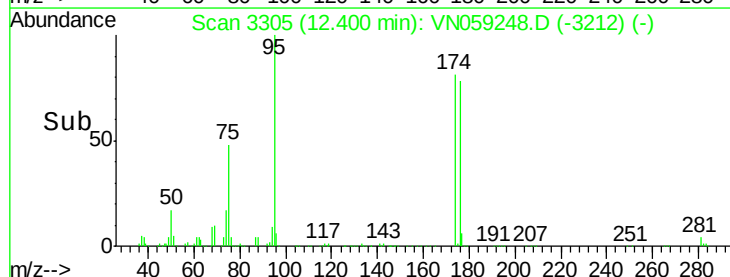
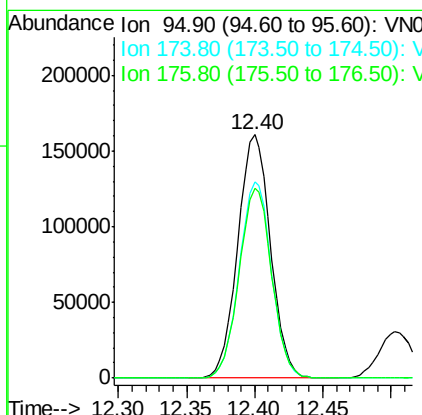
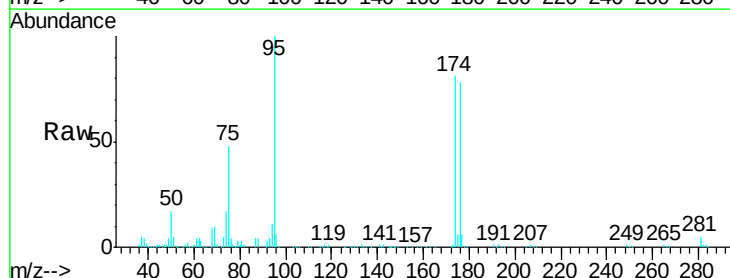
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

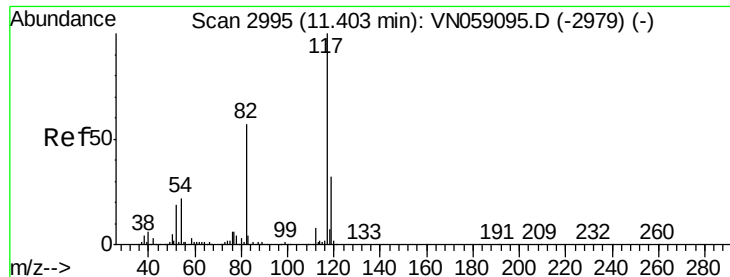
Tgt Ion: 107 Resp: 226854
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.534 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 95 Resp: 268056
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 158.2
 176 77.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

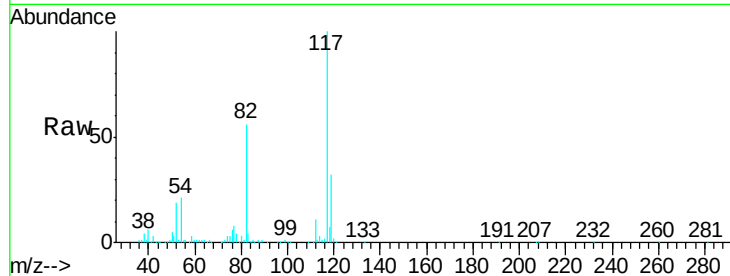
Tgt Ion:117 Resp: 559603

Ion Ratio Lower Upper

117 100

82 56.3 45.8 68.8

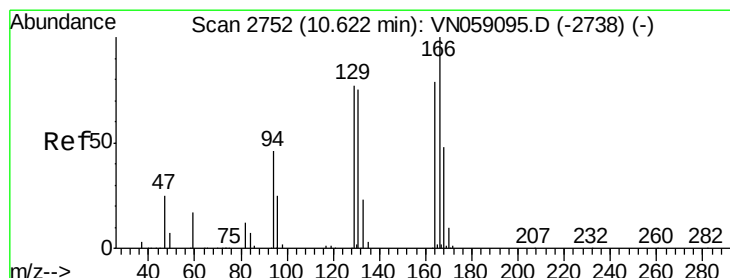
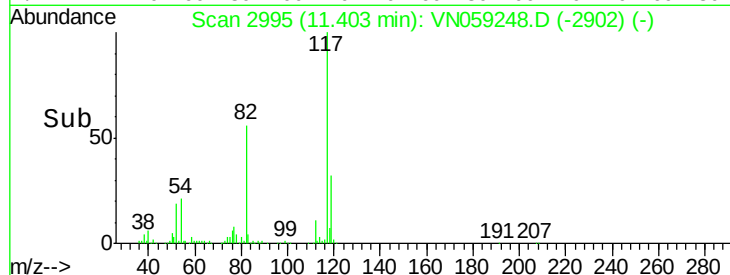
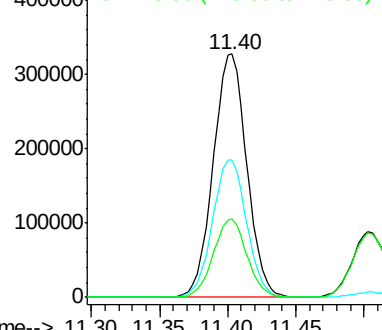
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.540 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Tgt Ion:164 Resp: 192315

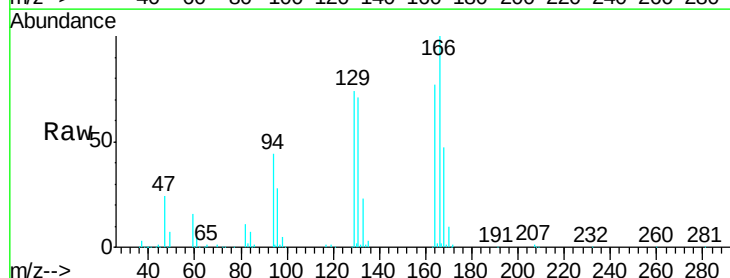
Ion Ratio Lower Upper

164 100

166 129.2 101.5 152.3

129 96.2 78.3 117.5

131 91.6 75.9 113.9

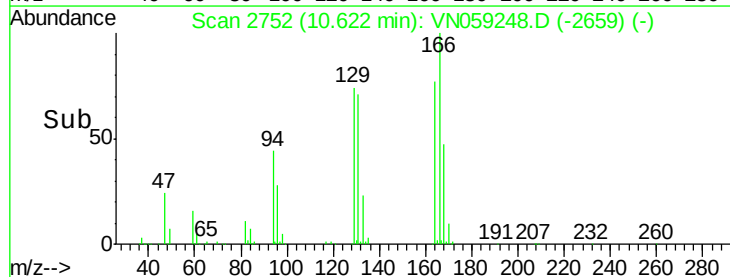
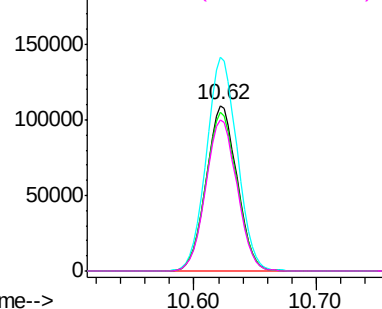


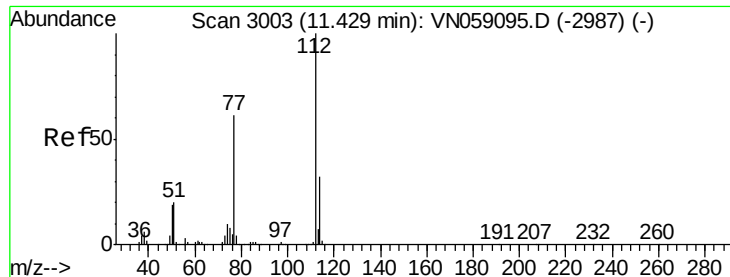
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

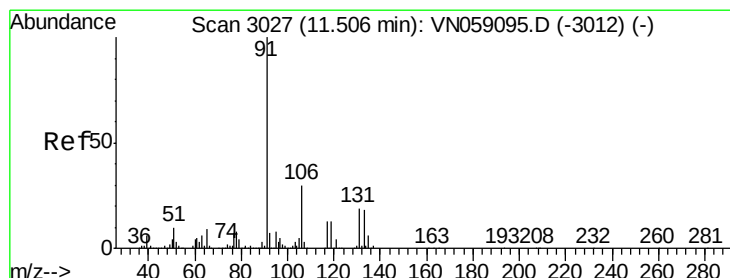
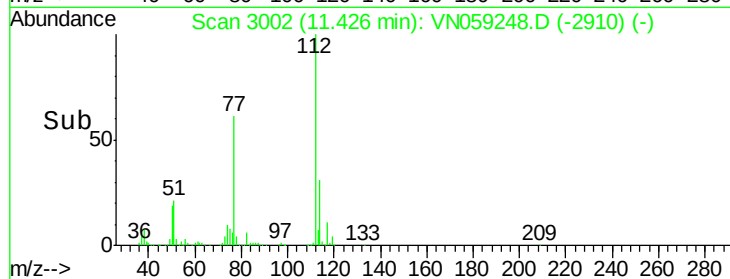
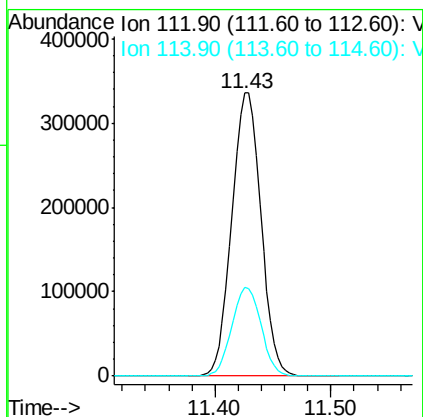
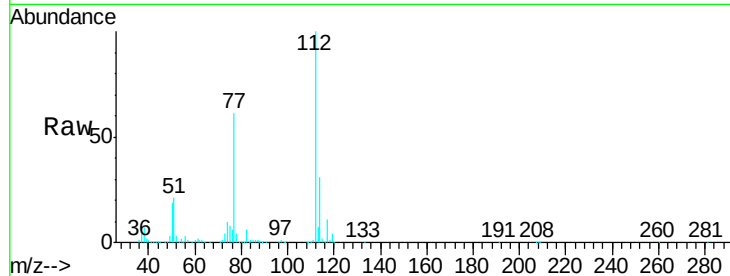




#65
Chlorobenzene
Concen: 53.496 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

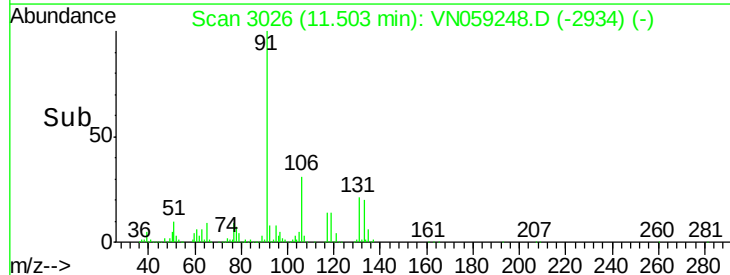
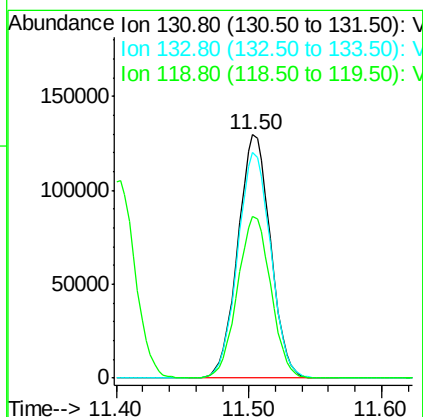
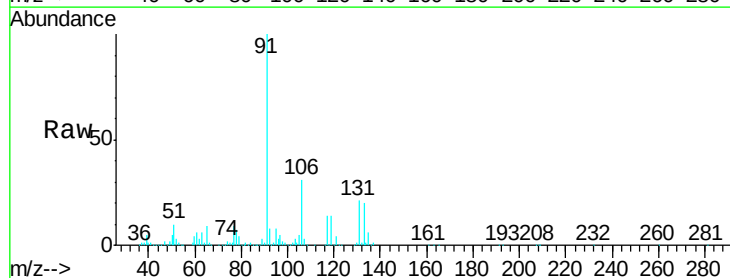
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

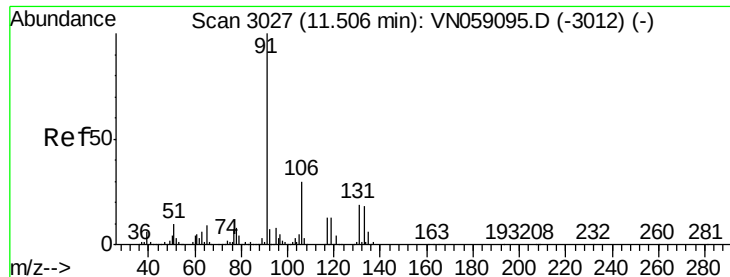
Tgt Ion:112 Resp: 583575
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 54.162 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion:131 Resp: 221640
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 67.8 33.2 99.6

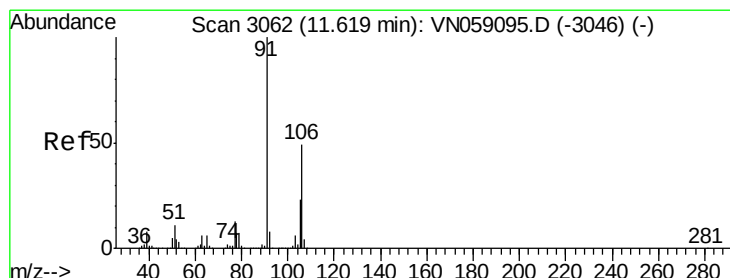
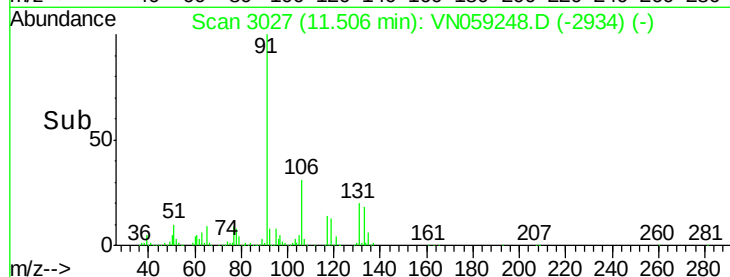
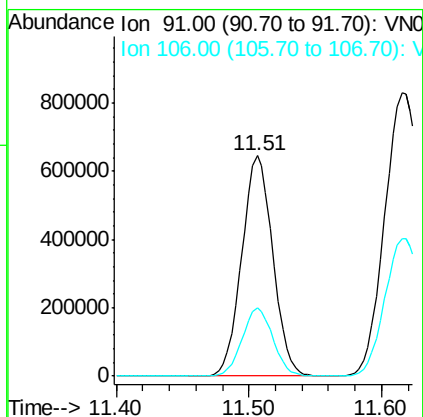
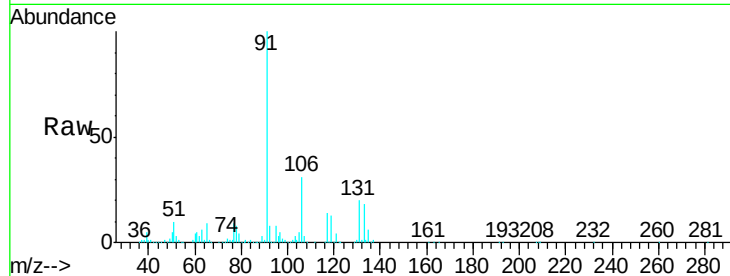




#67
Ethyl Benzene
Concen: 54.265 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

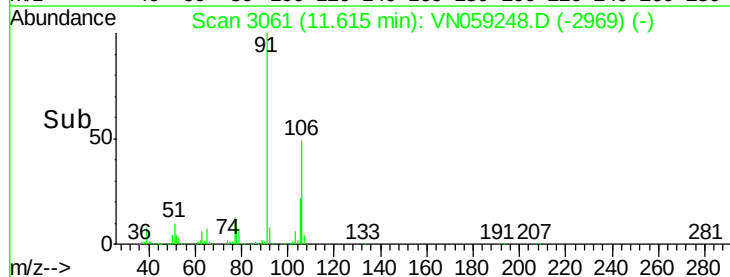
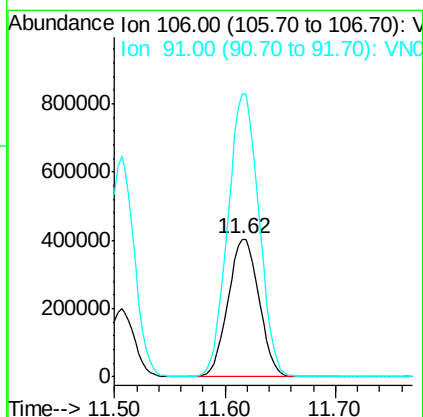
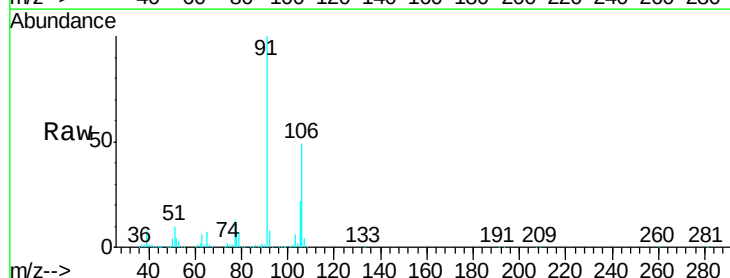
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

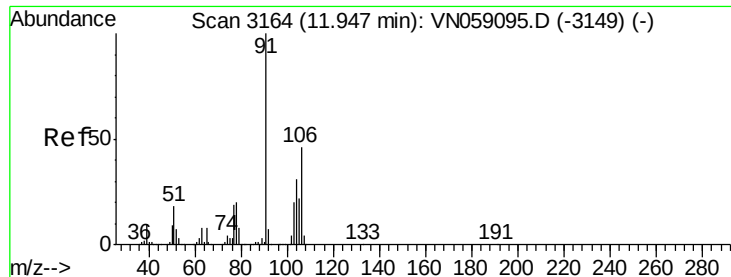
Tgt Ion: 91 Resp: 1050288
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 108.373 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 106 Resp: 785711
Ion Ratio Lower Upper
106 100
91 206.6 164.7 247.1

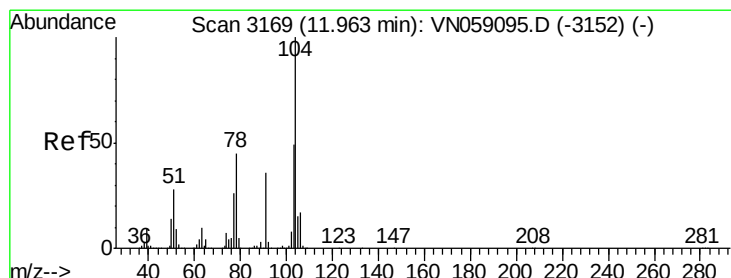
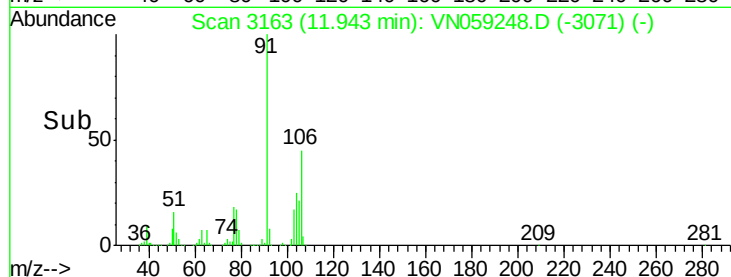
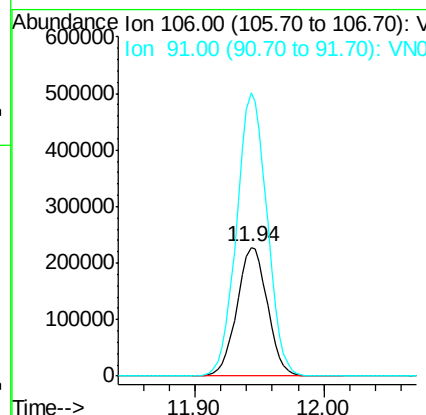
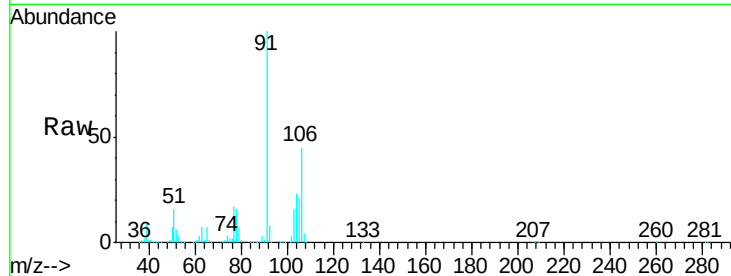




#69
o-Xylene
Concen: 53.399 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

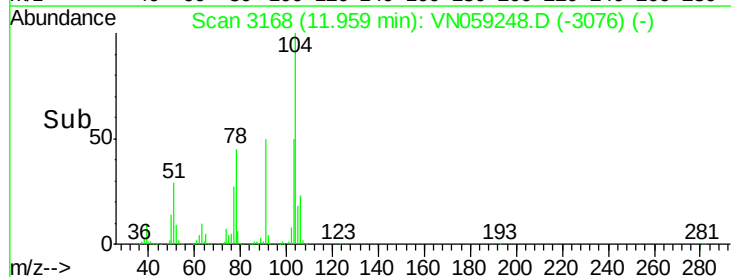
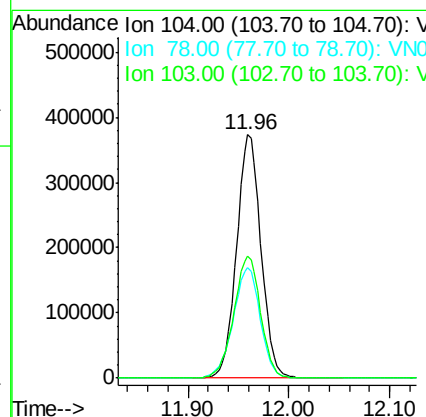
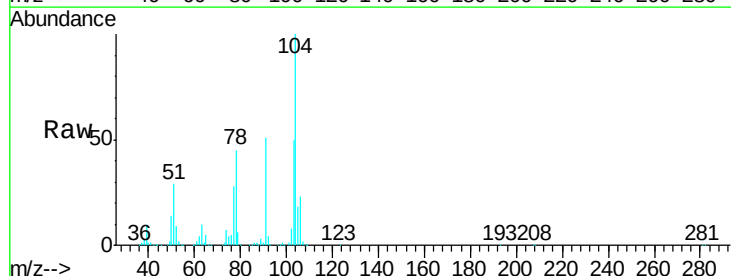
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

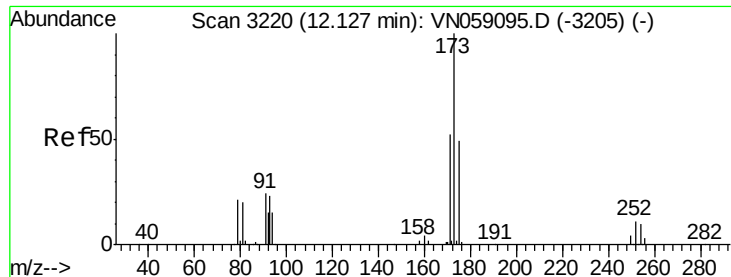
Tgt Ion:106 Resp: 374138
Ion Ratio Lower Upper
106 100
91 219.9 110.1 330.3



#70
Styrene
Concen: 57.063 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion:104 Resp: 628789
Ion Ratio Lower Upper
104 100
78 50.4 41.2 61.8
103 55.0 43.8 65.6





#71

Bromoform

Concen: 55.706 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

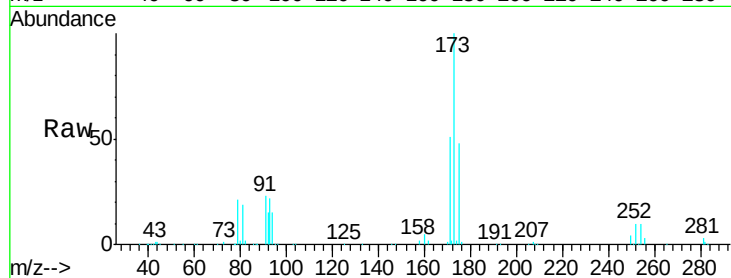
Tgt Ion:173 Resp: 177313

Ion Ratio Lower Upper

173 100

175 48.8 24.2 72.6

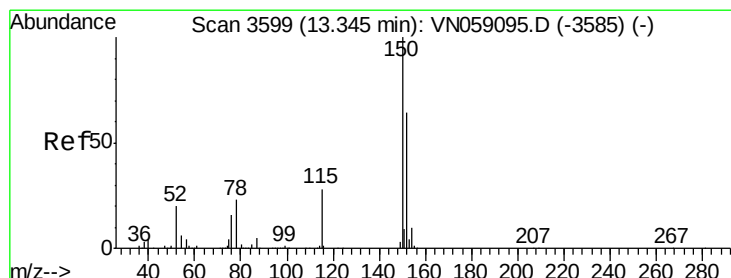
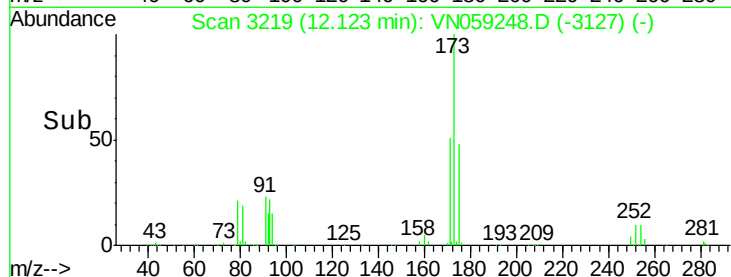
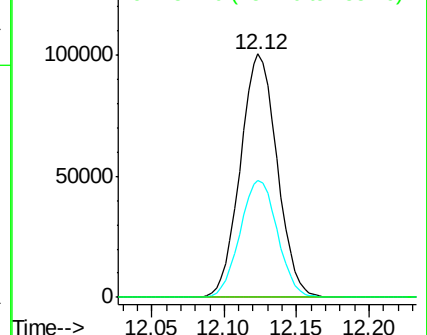
254 0.0 0.1 0.1#



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# 3599

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

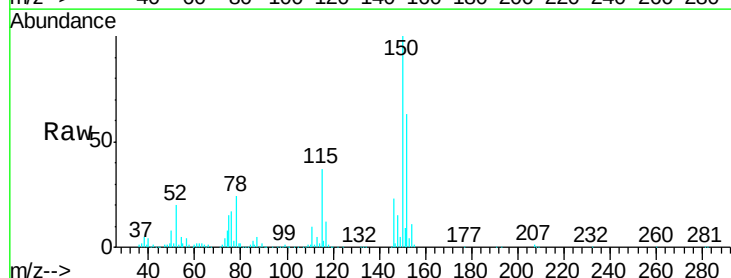
Tgt Ion:152 Resp: 272681

Ion Ratio Lower Upper

152 100

115 58.6 29.4 88.2

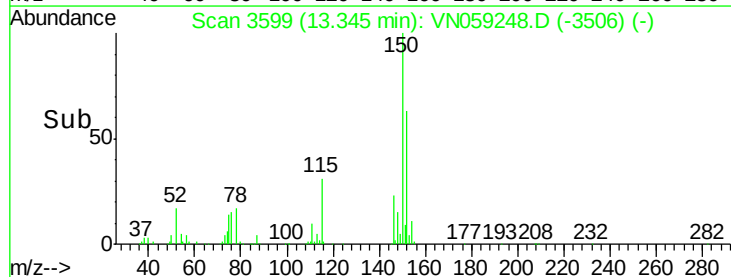
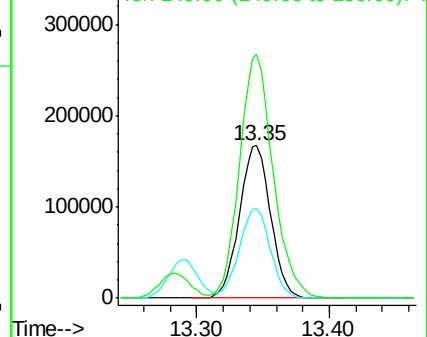
150 172.1 0.0 345.8

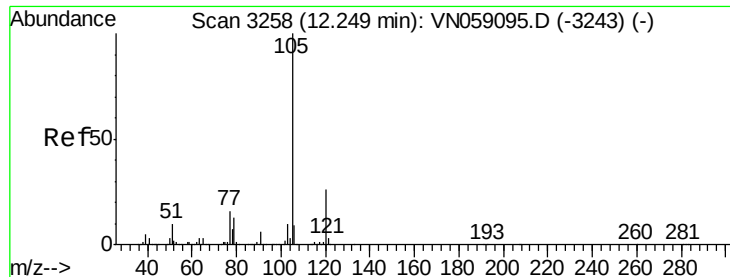


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.757 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

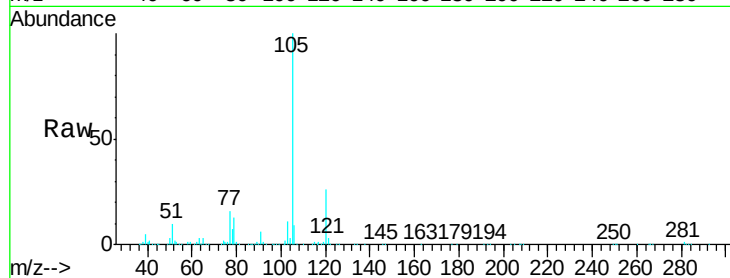
VSTDCCC050

Tgt Ion:105 Resp: 1026588

Ion Ratio Lower Upper

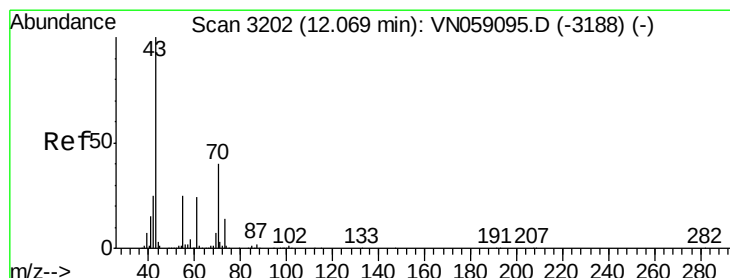
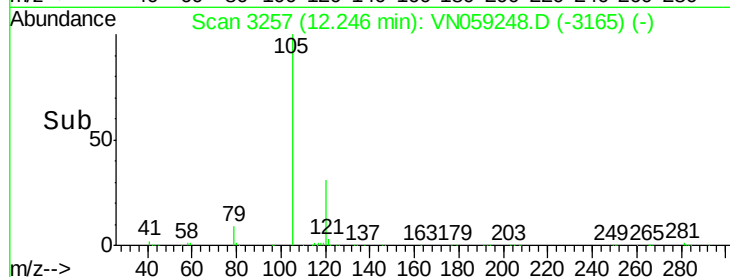
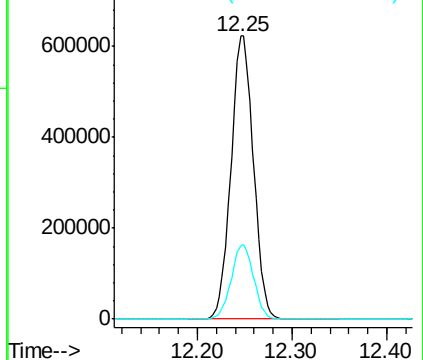
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.420 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Tgt Ion: 43 Resp: 440579

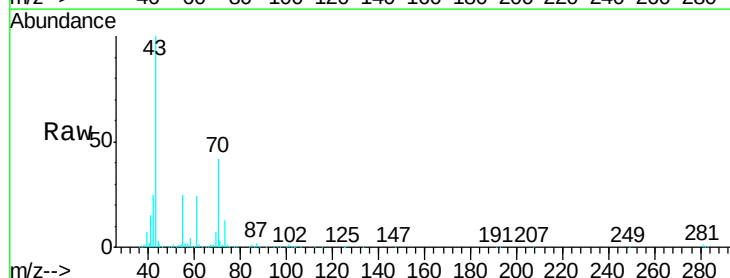
Ion Ratio Lower Upper

43 100

70 41.9 32.2 48.4

55 25.5 20.4 30.6

61 24.2 19.3 28.9

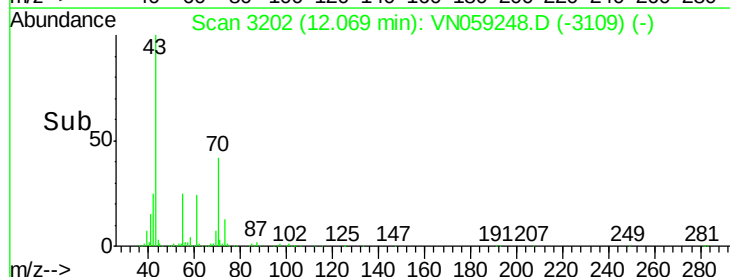
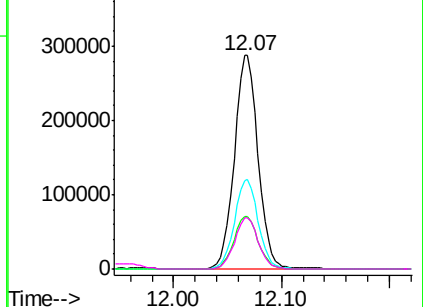


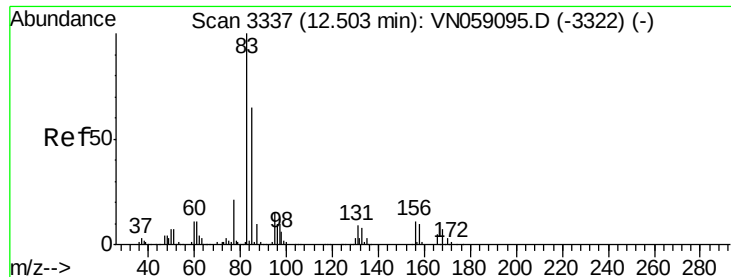
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.981 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

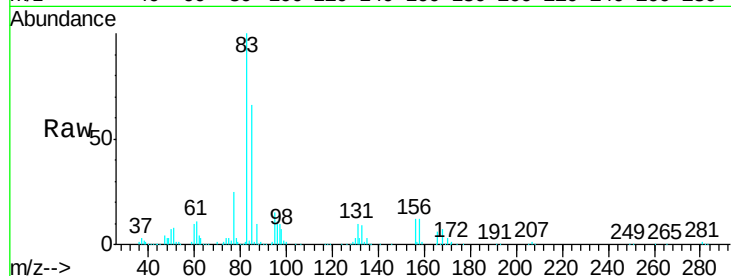
Tgt Ion: 83 Resp: 344360

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 65.0 32.4 97.2

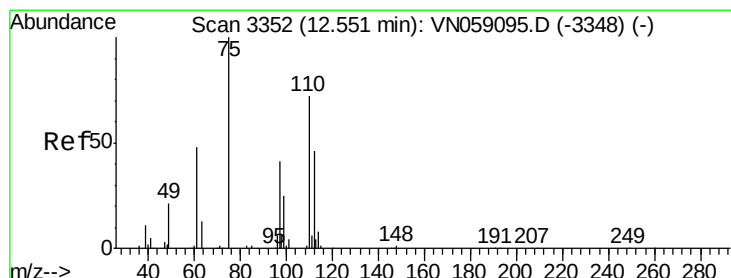
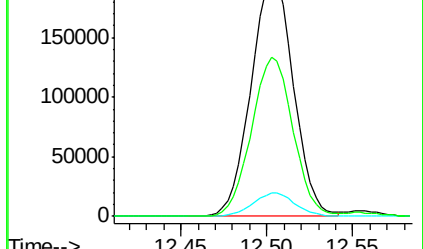
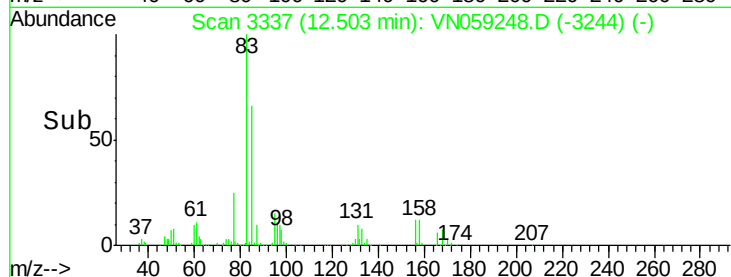


Abundance Ion 82.90 (82.60 to 83.60): VN059248.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059248.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059248.D (-3244) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 73.684 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN059248.D

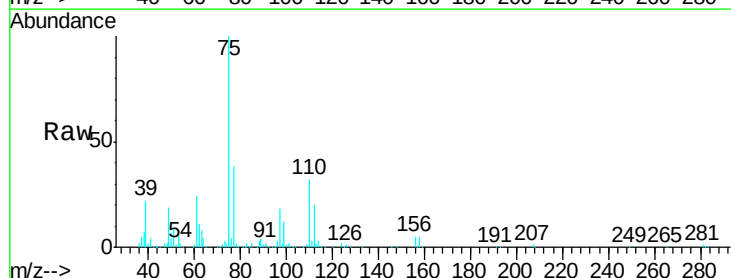
Acq: 15 Nov 2019 8:35

Tgt Ion: 75 Resp: 457434

Ion Ratio Lower Upper

75 100

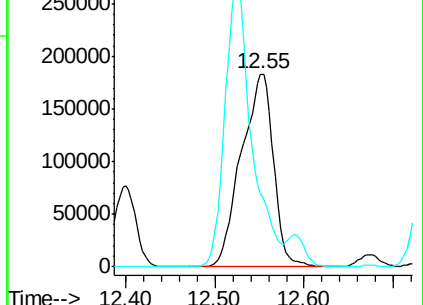
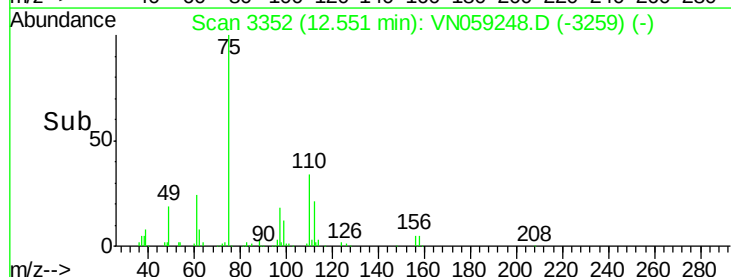
77 0.0 0.0 0.0

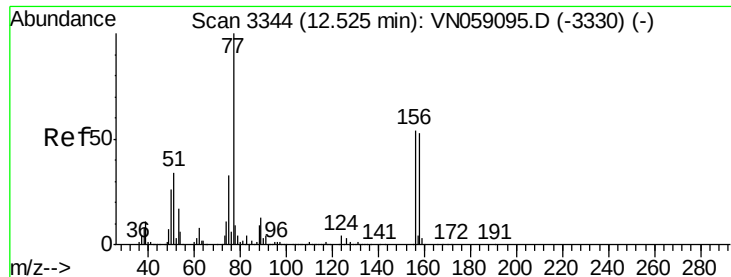


Abundance Ion 74.90 (74.60 to 75.60): VN059248.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059248.D (-3259) (-)

Time-->





#77

Bromobenzene

Concen: 50.638 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

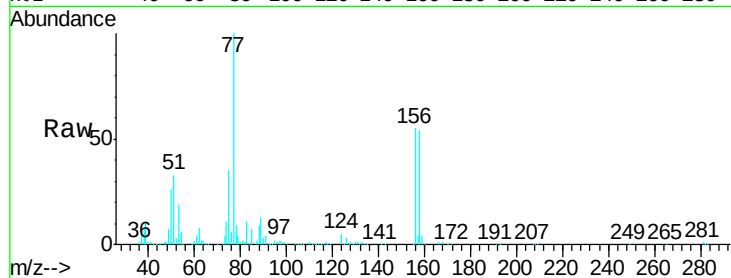
Tgt Ion:156 Resp: 252346

Ion Ratio Lower Upper

156 100

77 222.3 112.8 338.3

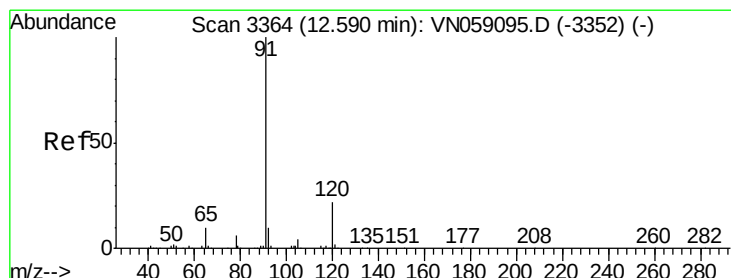
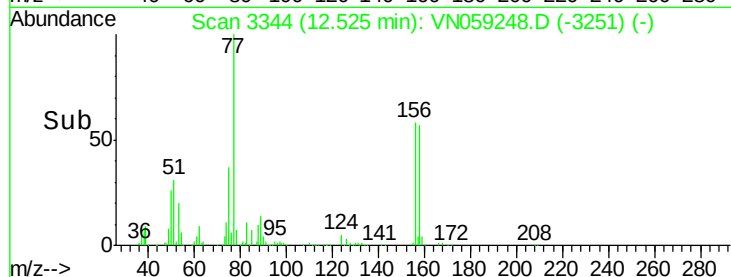
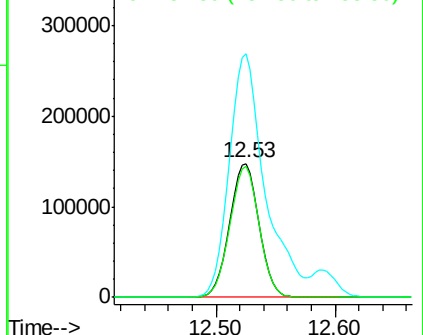
158 97.4 48.4 145.3



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: 52.968 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059248.D

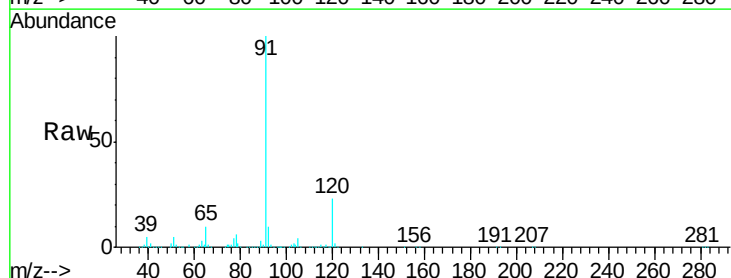
Acq: 15 Nov 2019 8:35

Tgt Ion: 91 Resp: 1202959

Ion Ratio Lower Upper

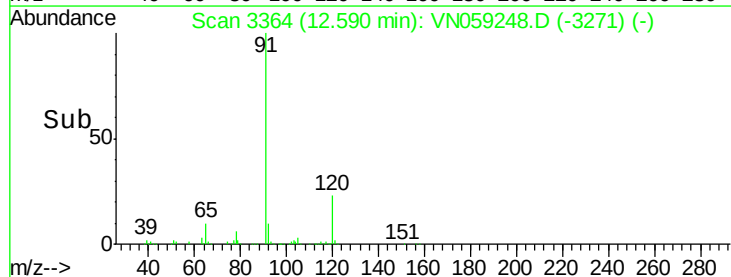
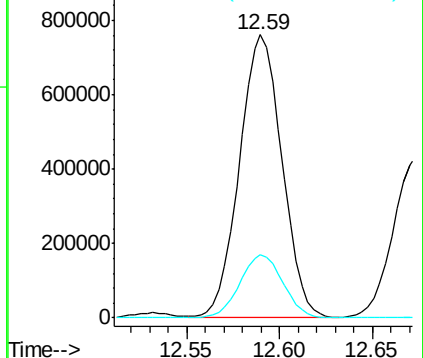
91 100

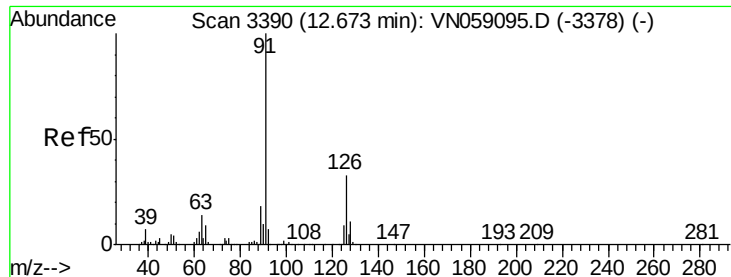
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

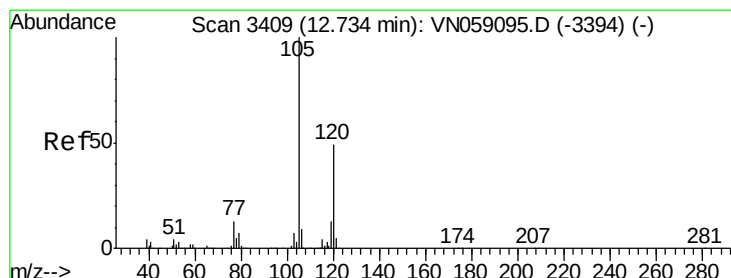
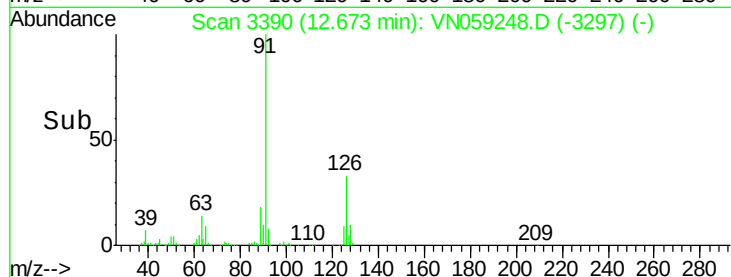
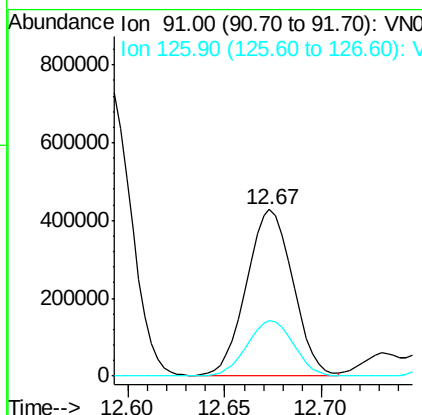
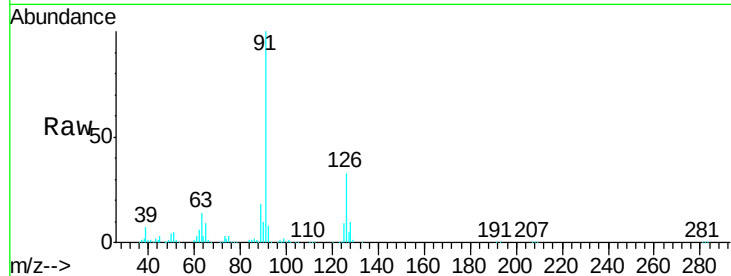




#79
 2-Chlorotoluene
 Concen: 50.659 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

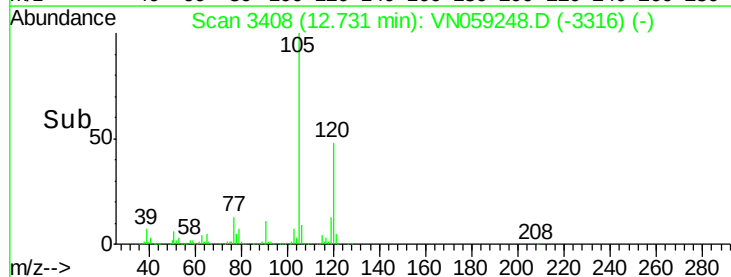
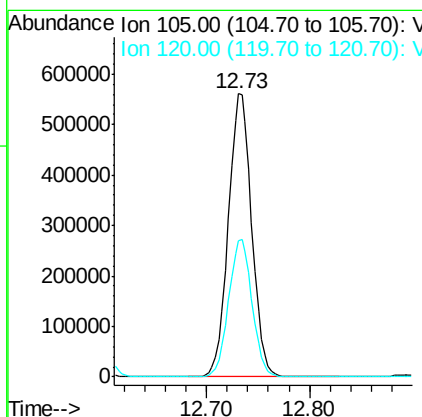
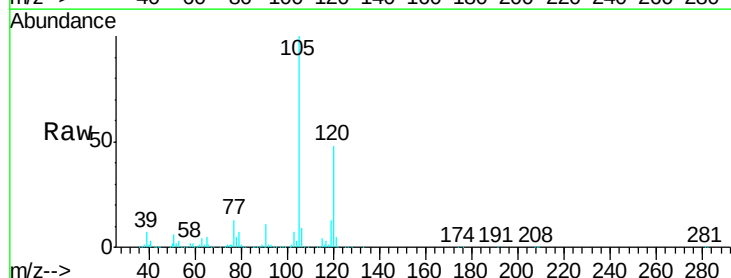
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

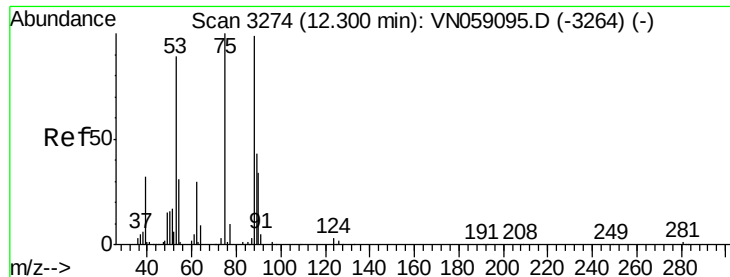
Tgt Ion: 91 Resp: 713730
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 52.452 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion: 105 Resp: 881570
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.702 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

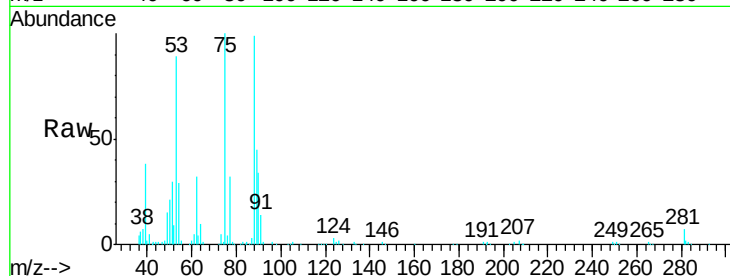
Tgt Ion: 75 Resp: 121520

Ion Ratio Lower Upper

75 100

53 88.3 72.2 108.2

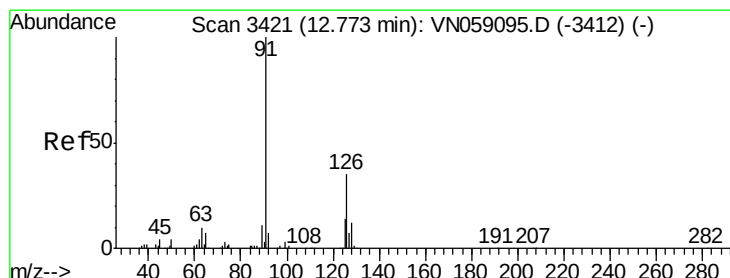
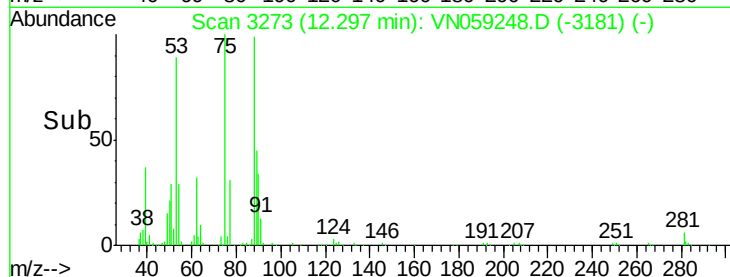
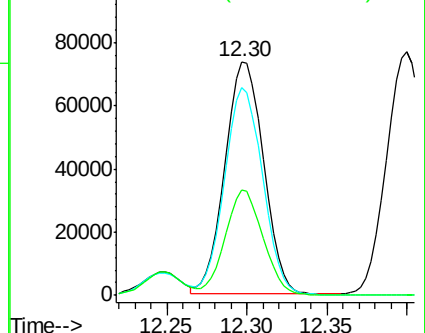
89 44.6 35.8 53.8



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: 51.869 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059248.D

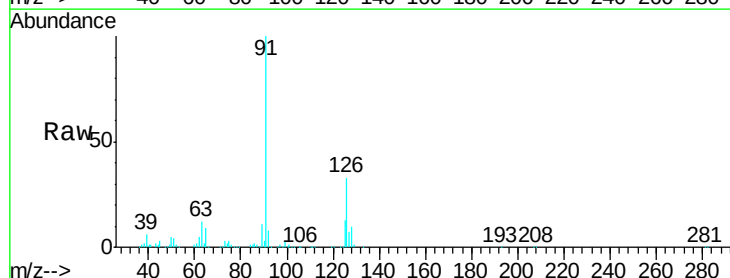
Acq: 15 Nov 2019 8:35

Tgt Ion: 91 Resp: 732941

Ion Ratio Lower Upper

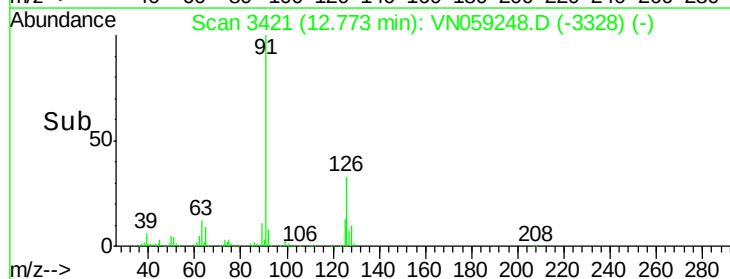
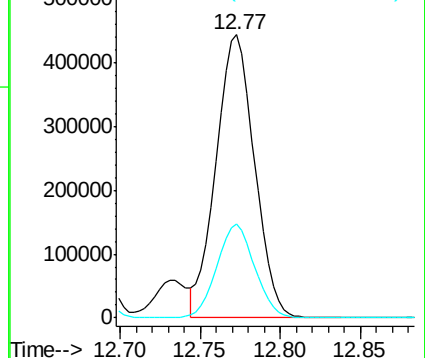
91 100

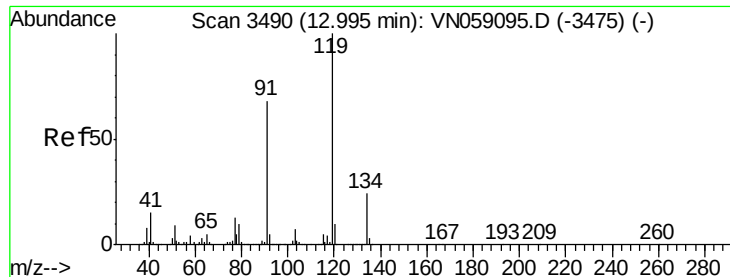
126 32.6 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

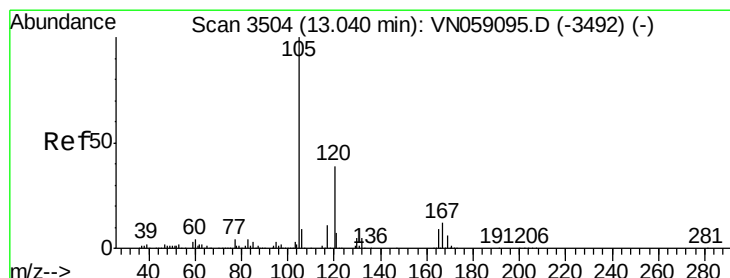
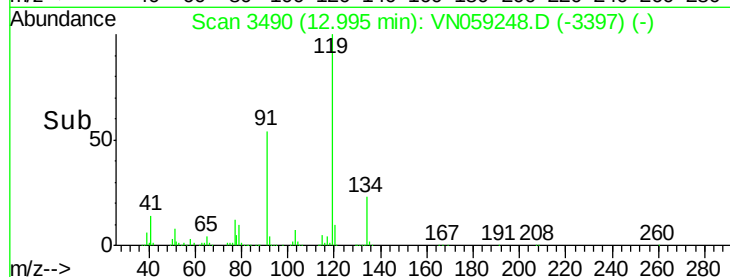
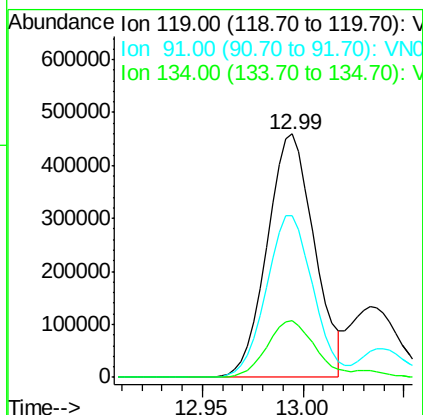
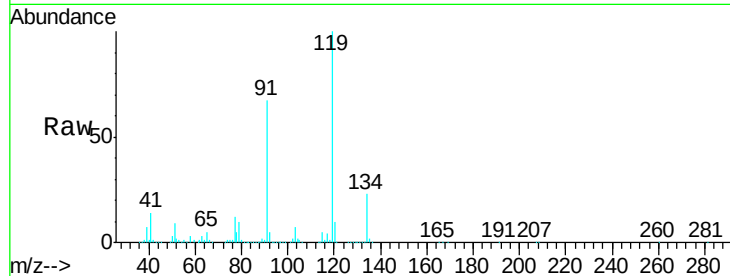




#83
 tert-Butylbenzene
 Concen: 51.304 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

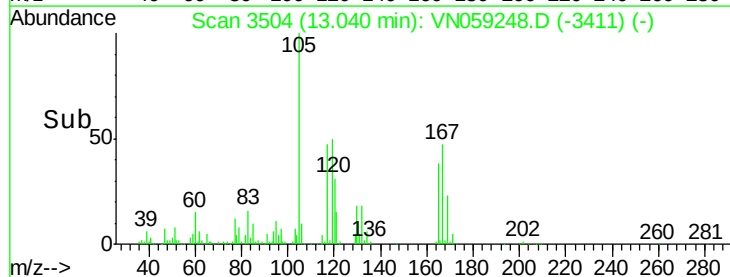
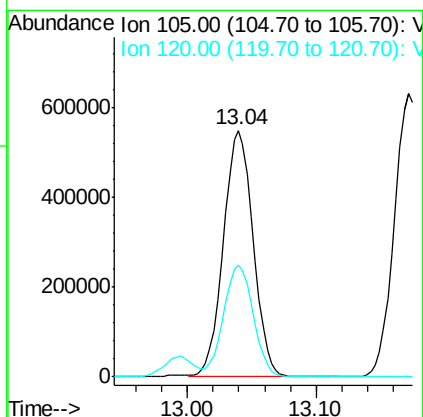
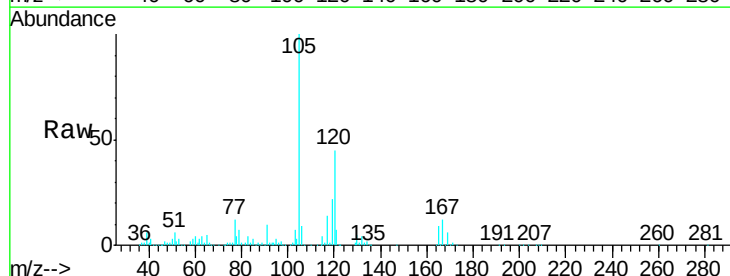
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

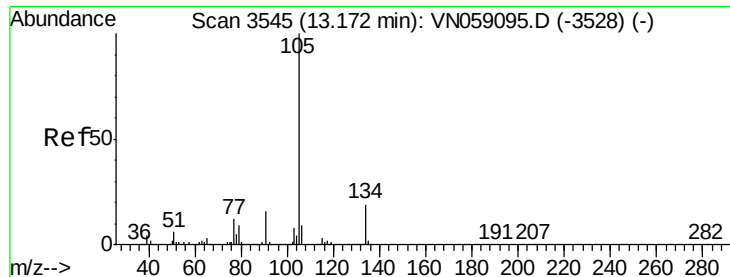
Tgt Ion:119 Resp: 744642
 Ion Ratio Lower Upper
 119 100
 91 65.7 33.2 99.6
 134 23.7 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.649 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion:105 Resp: 872372
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.8 68.4





#85

sec-Butylbenzene

Concen: 53.297 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Instrument :

MSVOA_N

ClientSampleId :

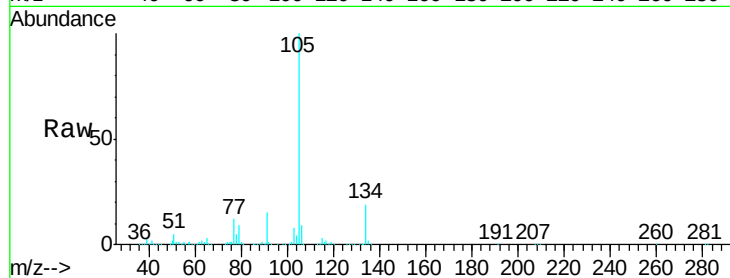
VSTDCCC050

Tgt Ion:105 Resp: 1006052

Ion Ratio Lower Upper

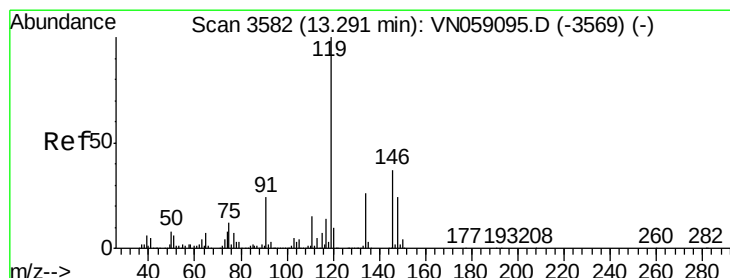
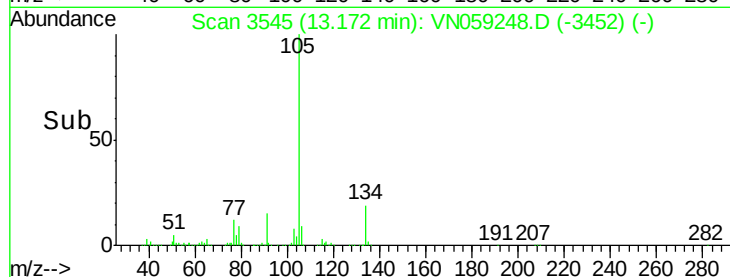
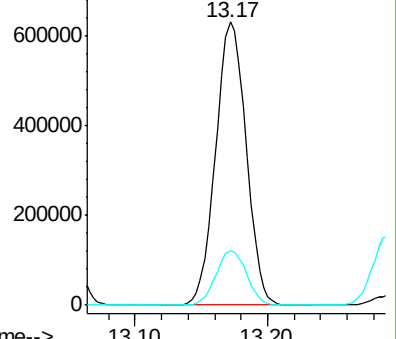
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.847 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

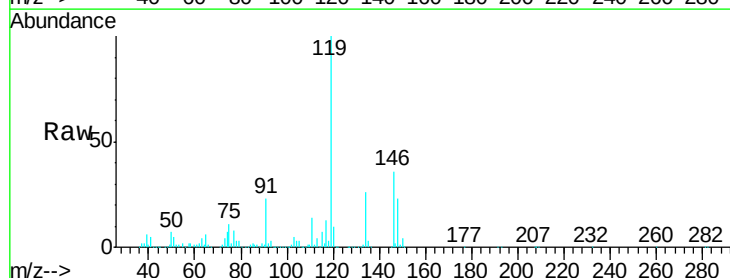
Tgt Ion:119 Resp: 914159

Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

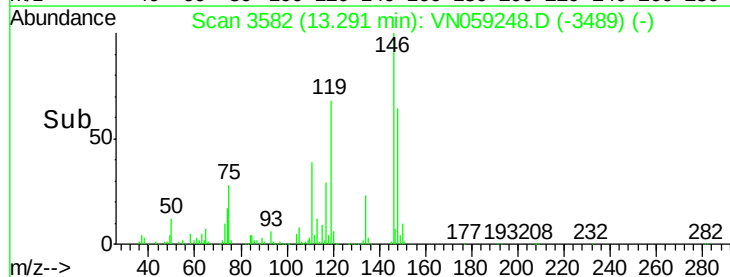
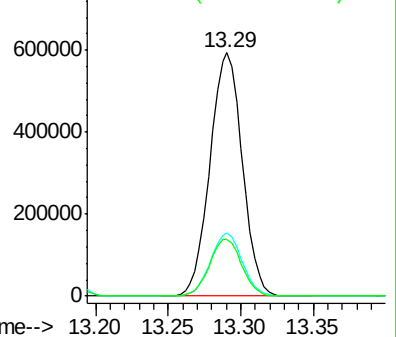
91 23.3 11.7 35.1

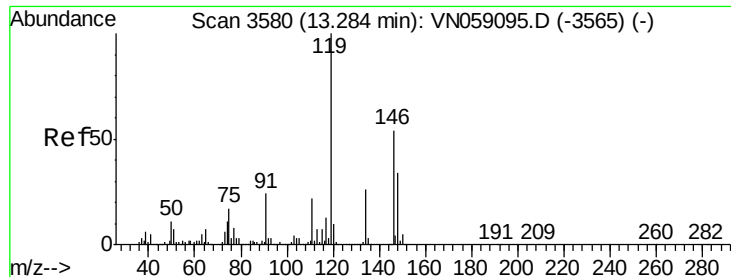


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.648 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

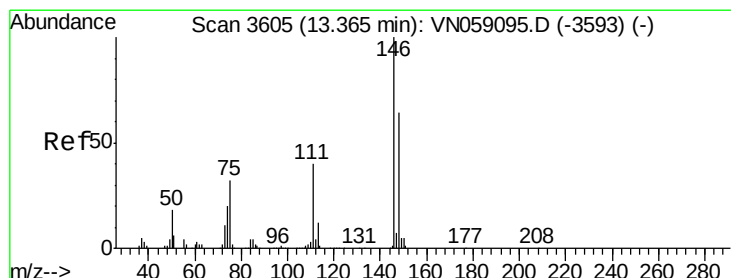
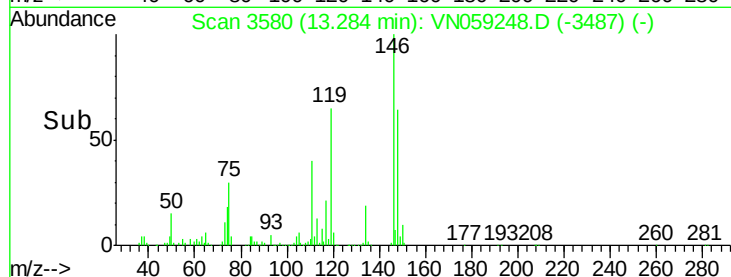
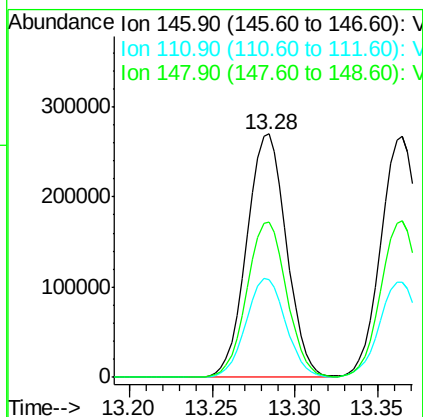
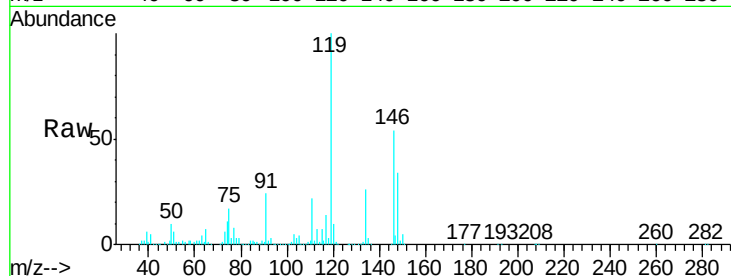
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	449278
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.4	61.3
148	63.9	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 51.581 ug/l

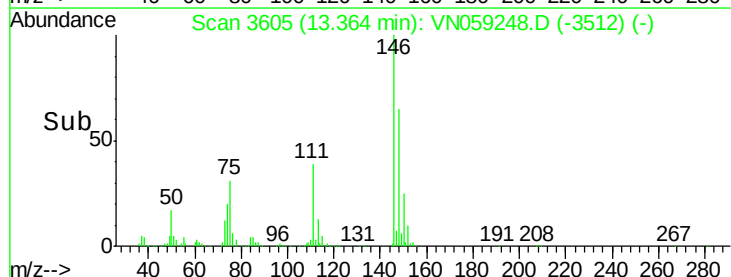
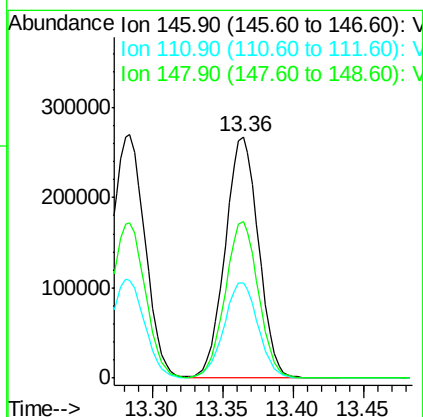
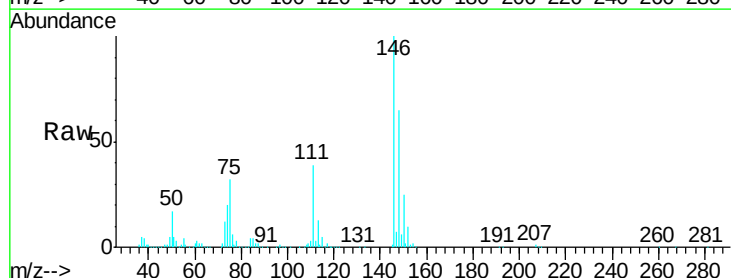
RT: 13.36 min Scan# 3605

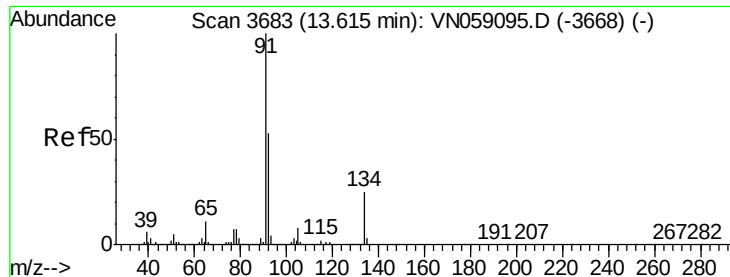
Delta R.T. -0.00 min

Lab File: VN059248.D

Acq: 15 Nov 2019 8:35

Tgt Ion:	146	Resp:	440400
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.9
148	64.7	31.9	95.7

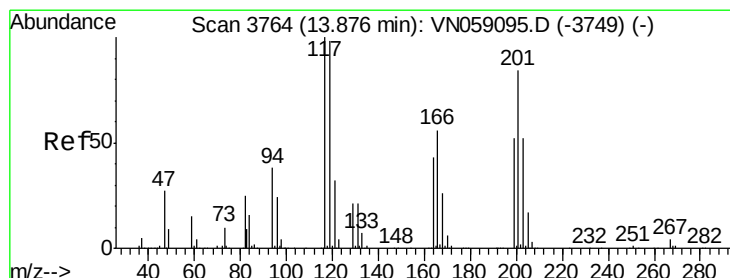
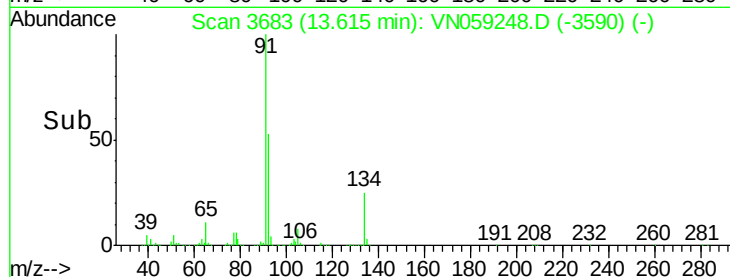
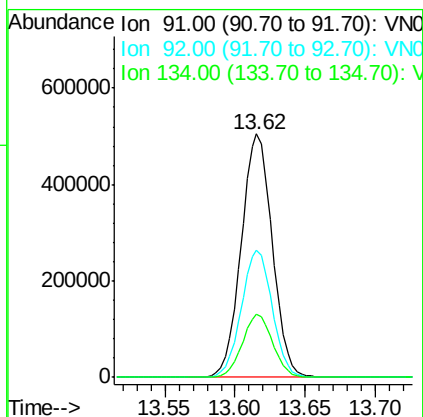
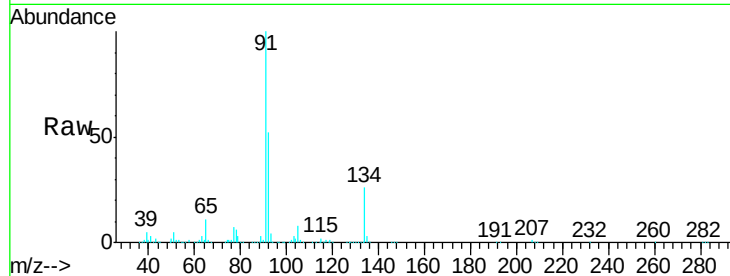




#89
n-Butylbenzene
Concen: 53.420 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

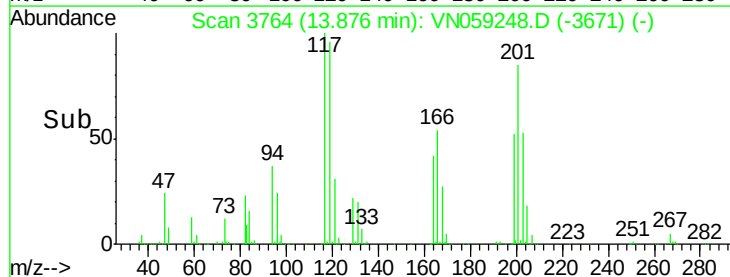
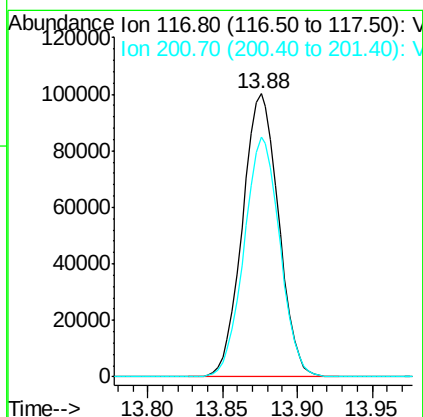
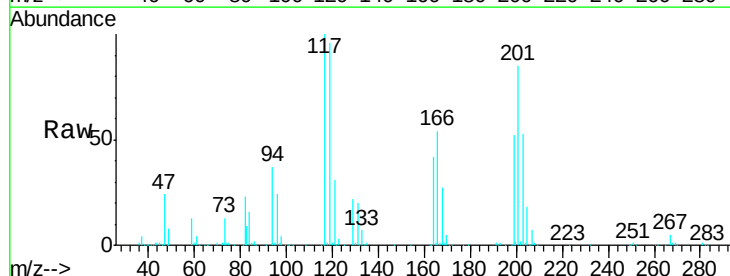
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

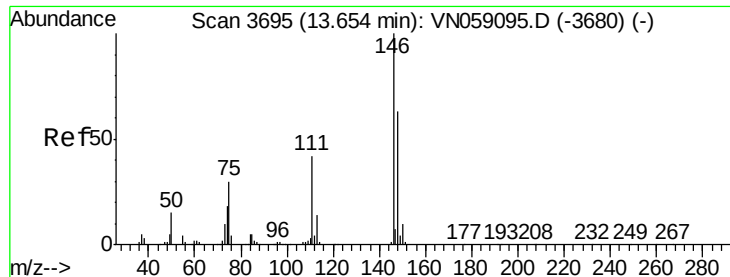
Tgt Ion: 91 Resp: 779288
Ion Ratio Lower Upper
91 100
92 52.1 26.1 78.3
134 25.3 12.6 37.8



#90
Hexachloroethane
Concen: 50.357 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion: 117 Resp: 168538
Ion Ratio Lower Upper
117 100
201 83.9 41.8 125.3

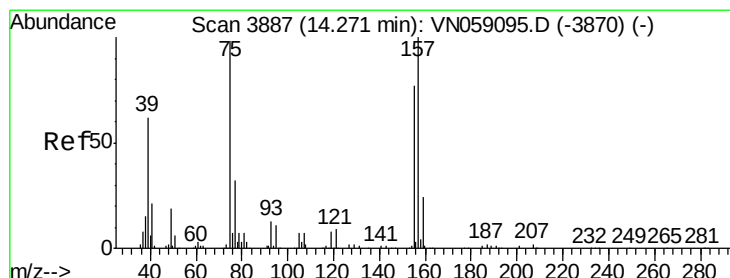
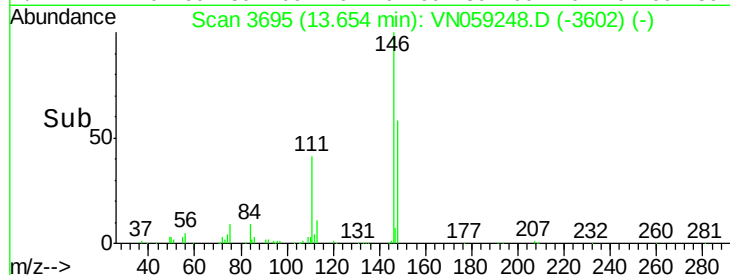
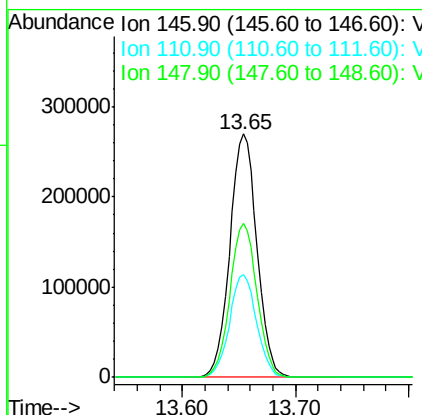
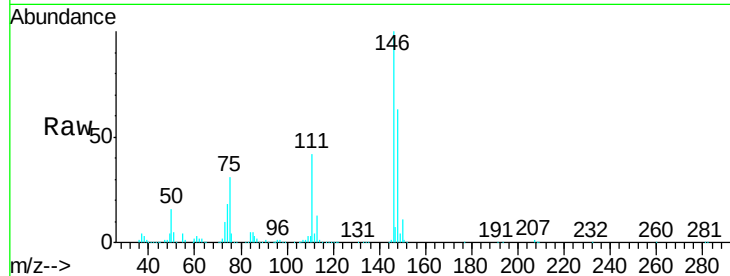




#91
 1,2-Dichlorobenzene
 Concen: 53.374 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

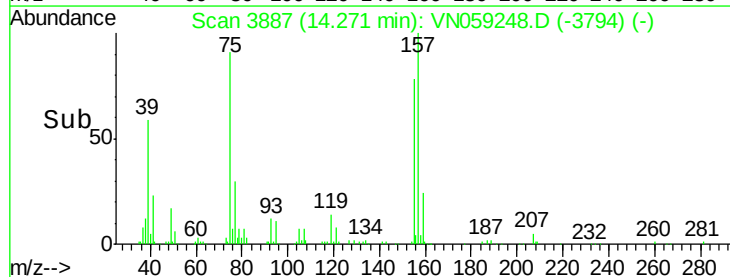
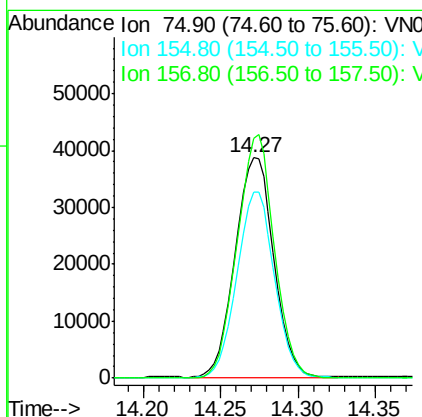
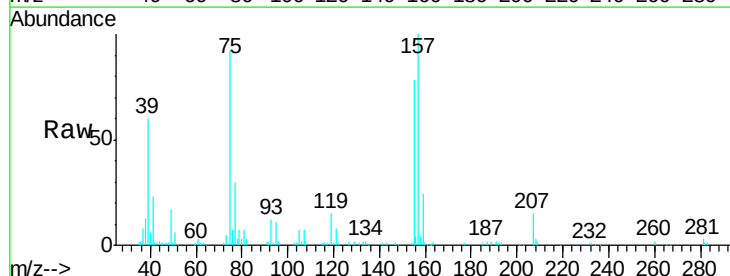
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

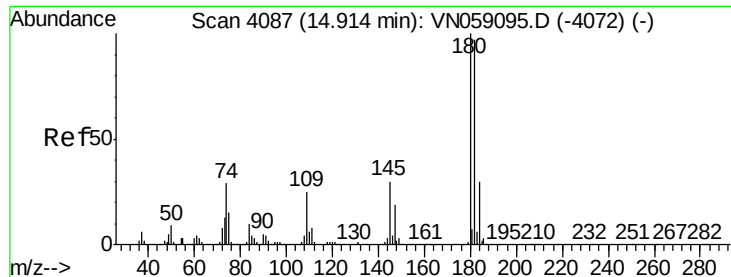
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	63.4	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.722 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	40.2	120.6
157	106.6	51.8	155.5

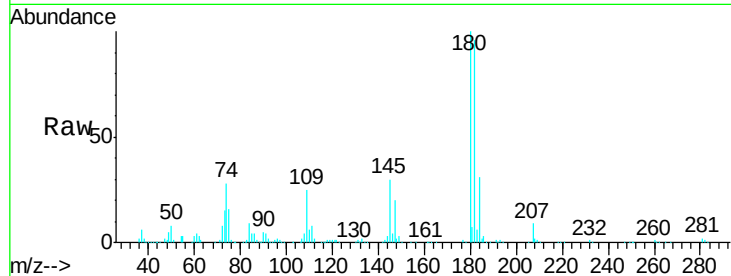




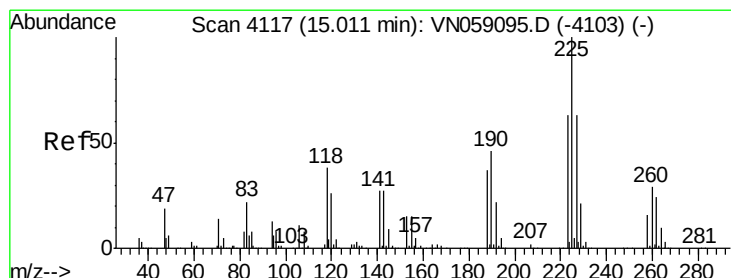
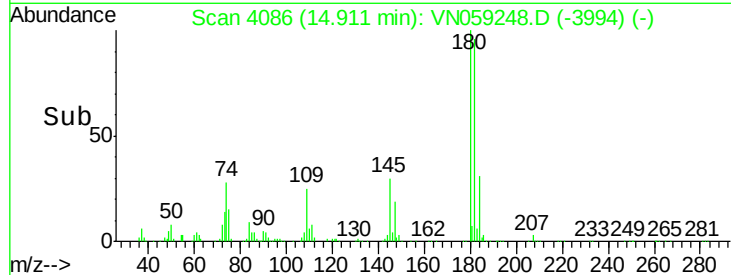
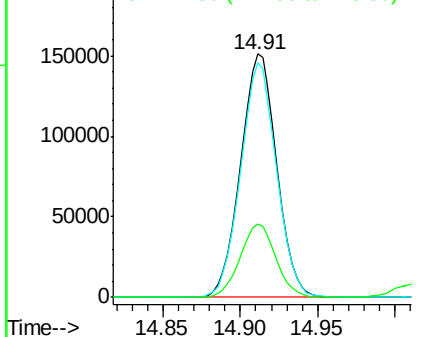
#93
 1,2,4-Trichlorobenzene
 Concen: 48.372 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.1	144.3
145	29.7	15.1	45.3

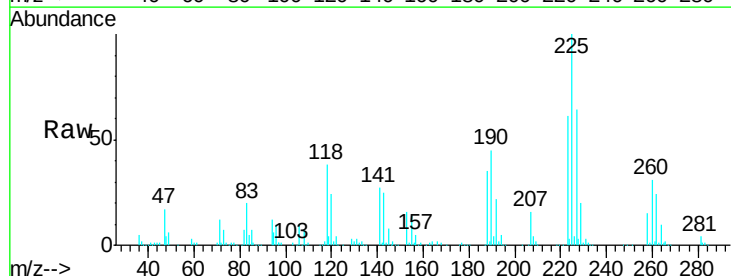


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

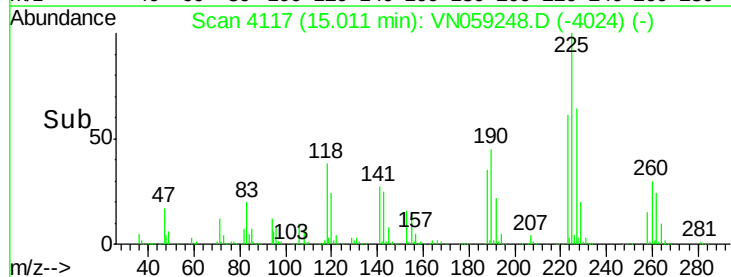
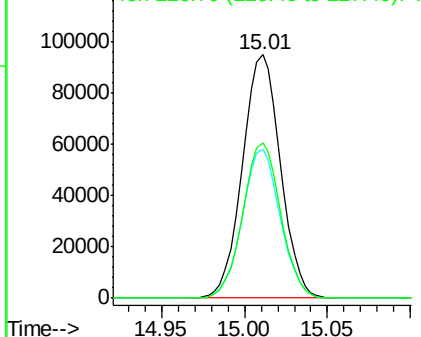


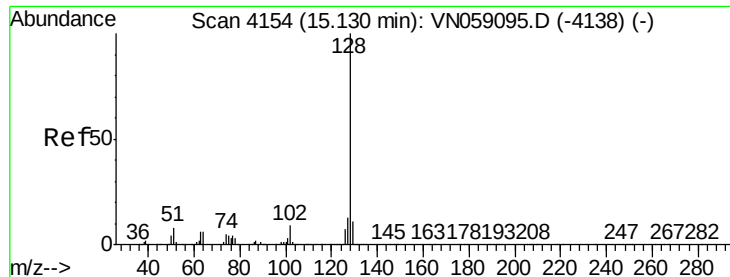
#94
 Hexachlorobutadiene
 Concen: 52.180 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059248.D
 Acq: 15 Nov 2019 8:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.3	93.9
227	63.5	31.5	94.5



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

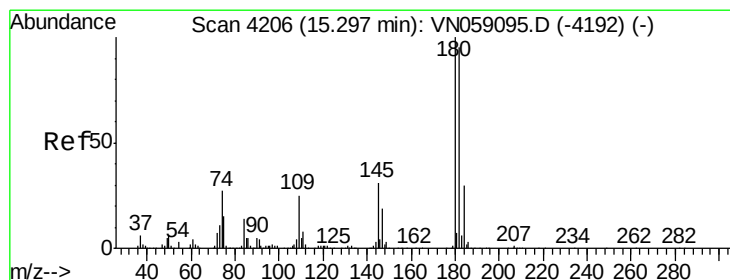
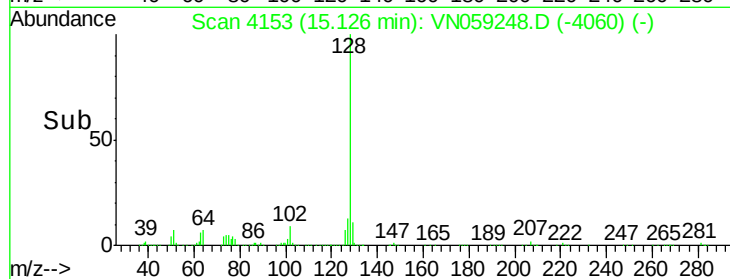
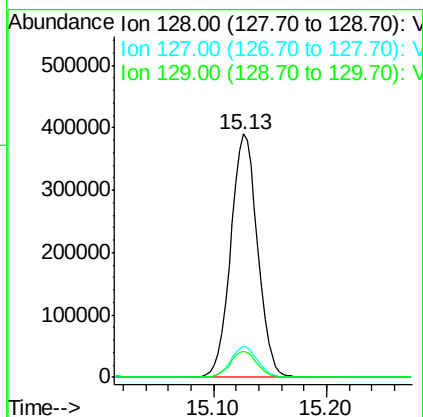
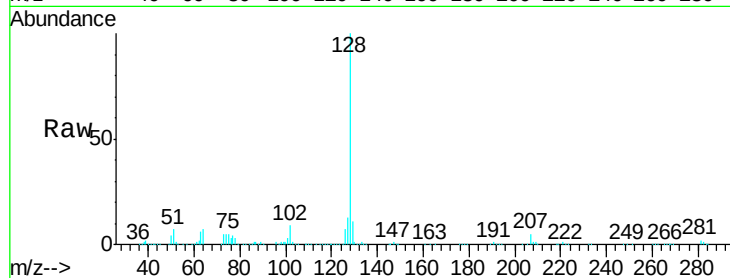




#95
Naphthalene
Concen: 45.733 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.184 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059248.D
Acq: 15 Nov 2019 8:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	141.8
145	32.2	15.8	47.3

