

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057925.D
 Acq On : 11 Sep 2019 15:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 12 02:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	360759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	584177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338570	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	364898	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.57	113	262613	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.09	98	1080210	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.40	95	393912	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	251863	50.482	ug/l	99
3) Chloromethane	2.03	50	225538	44.354	ug/l	99
4) Vinyl Chloride	2.16	62	238858	44.383	ug/l	99
5) Bromomethane	2.53	94	137665	46.440	ug/l	96
6) Chloroethane	2.67	64	151771	44.256	ug/l	98
7) Trichlorofluoromethane	2.99	101	297871	43.981	ug/l	100
8) Diethyl Ether	3.39	74	132449	46.888	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	205019	47.986	ug/l	99
10) Methyl Iodide	3.93	142	199985	42.063	ug/l	99
11) Tert butyl alcohol	4.77	59	235833	266.669	ug/l	99
12) 1,1-Dichloroethene	3.71	96	170680	44.431	ug/l	95
13) Acrolein	3.58	56	167620	223.406	ug/l	98
14) Allyl chloride	4.29	41	348277	46.328	ug/l	99
15) Acrylonitrile	4.96	53	637362	262.206	ug/l	100
16) Acetone	3.79	43	648223	270.619	ug/l	98
17) Carbon Disulfide	4.02	76	260942	43.665	ug/l	99
18) Methyl Acetate	4.30	43	343883	53.844	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	811118	50.737	ug/l	98
20) Methylene Chloride	4.52	84	231688	50.829	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	187614	45.180	ug/l	96
22) Diisopropyl ether	5.93	45	873098	49.524	ug/l	99
23) Vinyl Acetate	5.87	43	3341397	267.435	ug/l	100
24) 1,1-Dichloroethane	5.82	63	463634	48.119	ug/l	100
25) 2-Butanone	6.82	43	949729	273.943	ug/l	98
26) 2,2-Dichloropropane	6.80	77	380379	49.885	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	267937	48.147	ug/l	99
28) Bromochloromethane	7.18	49	238464	49.540	ug/l	97
29) Tetrahydrofuran	7.19	42	572919	268.181	ug/l	99
30) Chloroform	7.35	83	483350	47.978	ug/l	100
31) Cyclohexane	7.63	56	329613	50.210	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	382812	47.911	ug/l	99
36) 1,1-Dichloropropene	7.78	75	308586	45.548	ug/l	100
37) Ethyl Acetate	6.91	43	364545	52.080	ug/l	100
38) Carbon Tetrachloride	7.76	117	302796	48.953	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	335722	47.139	ug/l	100
40) Benzene	8.03	78	983186	48.203	ug/l	100
41) Methacrylonitrile	7.19	41	538454	169.463	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	401482	49.217	ug/l	100
43) Isopropyl Acetate	8.15	43	621777	52.822	ug/l	100
44) Trichloroethene	8.82	130	236127	47.199	ug/l	98
45) 1,2-Dichloropropane	9.11	63	292386	49.263	ug/l	100
46) Dibromomethane	9.20	93	178212	49.689	ug/l	100
47) Bromodichloromethane	9.40	83	370414	51.720	ug/l	97
48) Methyl methacrylate	9.19	41	305197	51.112	ug/l	99
49) 1,4-Dioxane	9.19	88	99379	984.168	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1987130	285.266	ug/l	99
52) Toluene	10.15	92	635122	49.439	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	403643	53.520	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	433632	52.077	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	278494	51.177	ug/l	98
56) Ethyl methacrylate	10.43	69	436539	53.271	ug/l	99
57) 1,3-Dichloropropane	10.71	76	475442	50.697	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1027792	266.293	ug/l	100
59) 2-Hexanone	10.75	43	1526156	292.300	ug/l	100
60) Dibromochloromethane	10.90	129	266974	52.833	ug/l	99
61) 1,2-Dibromoethane	11.00	107	265051	51.520	ug/l	100
64) Tetrachloroethene	10.63	164	192129	46.147	ug/l	97
65) Chlorobenzene	11.43	112	711201	48.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	258998	50.579	ug/l	98
67) Ethyl Benzene	11.51	91	1293811	50.027	ug/l	100
68) m/p-Xylenes	11.62	106	947092	99.973	ug/l	100
69) o-Xylene	11.95	106	469536	49.855	ug/l	98
70) Styrene	11.97	104	833530	51.426	ug/l	100
71) Bromoform	12.13	173	173135	54.231	ug/l #	99
73) Isopropylbenzene	12.25	105	1319688	50.232	ug/l	100
74) N-amyl acetate	12.07	43	607008	53.090	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	439137	49.644	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	542084	70.777	ug/l #	100
77) Bromobenzene	12.53	156	305440	46.631	ug/l	99
78) n-propylbenzene	12.59	91	1562553	51.795	ug/l	99
79) 2-Chlorotoluene	12.68	91	918205	48.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1145810	51.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	117295	53.892	ug/l	97
82) 4-Chlorotoluene	12.78	91	965526	49.310	ug/l	100
83) tert-Butylbenzene	13.00	119	975697	49.447	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	1164794	51.628	ug/l	99
85) sec-Butylbenzene	13.18	105	1352409	51.710	ug/l	100
86) p-Isopropyltoluene	13.29	119	1223457	53.092	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	590806	49.140	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	593173	48.605	ug/l	100
89) n-Butylbenzene	13.62	91	1153490	53.005	ug/l	100
90) Hexachloroethane	13.88	117	180798	52.755	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	591367	49.234	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	81898	56.063	ug/l	99

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QLast Update : Tue Sep 10 03:02:13 2019
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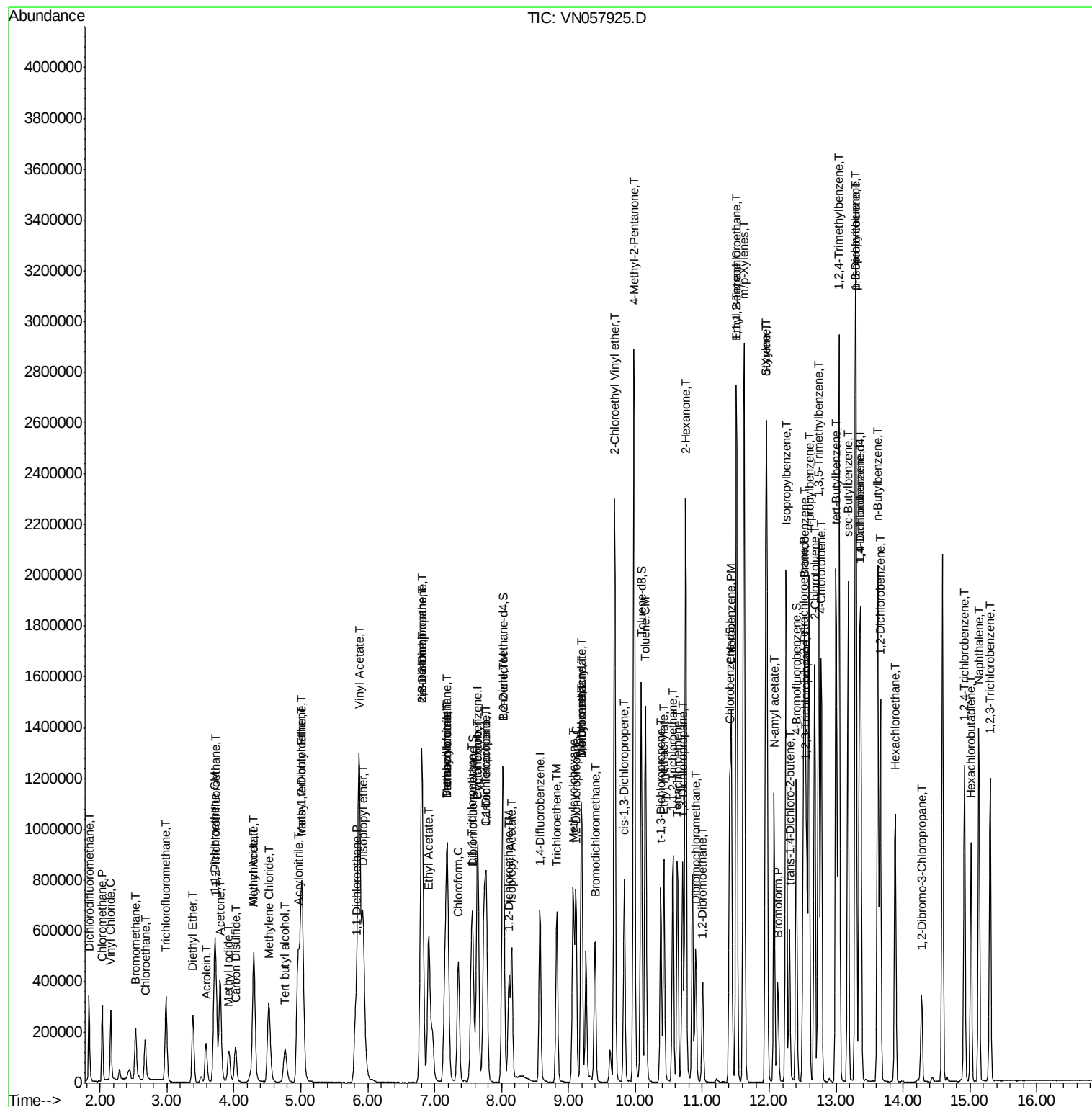
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	372912	47.500	ug/l	98
94) Hexachlorobutadiene	15.02	225	166237	49.951	ug/l	97
95) Naphthalene	15.13	128	1109571	56.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	355295	51.802	ug/l	99

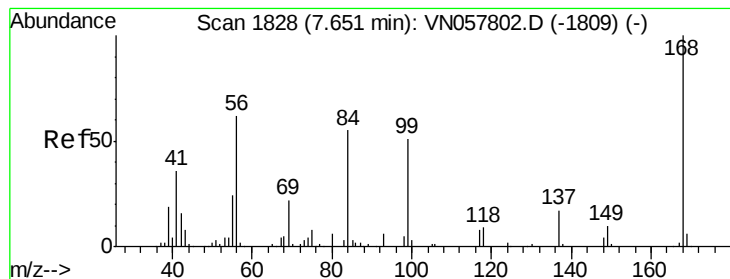
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

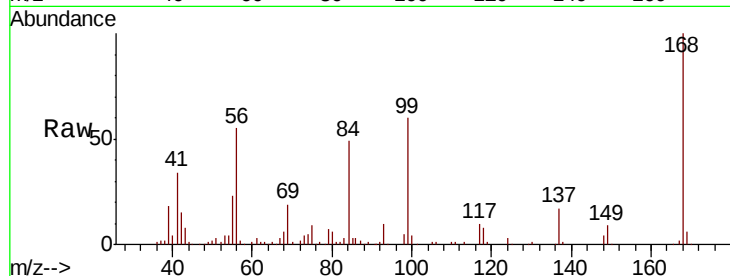
VSTDCCC050

Tgt Ion:168 Resp: 360759

Ion Ratio Lower Upper

168 100

99 59.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

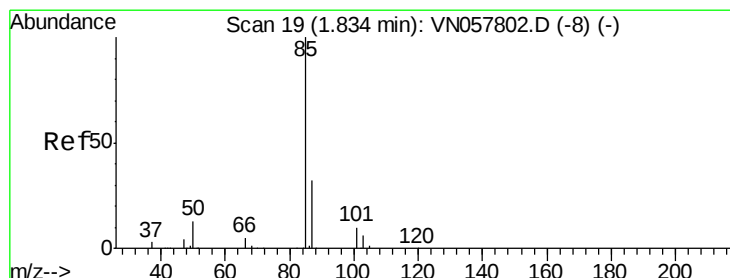
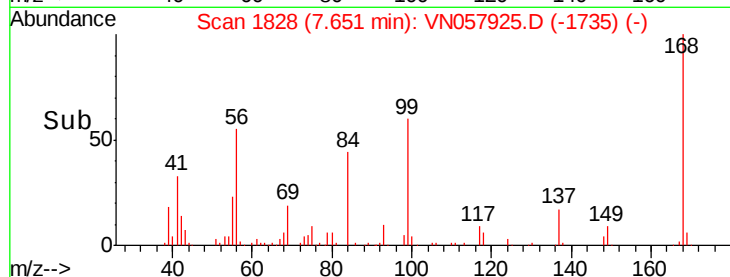
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.482 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057925.D

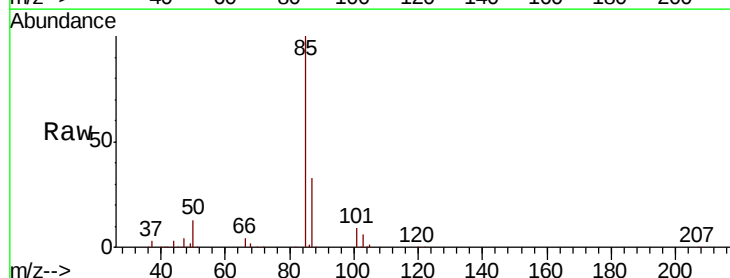
Acq: 11 Sep 2019 15:59

Tgt Ion: 85 Resp: 251863

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

200000

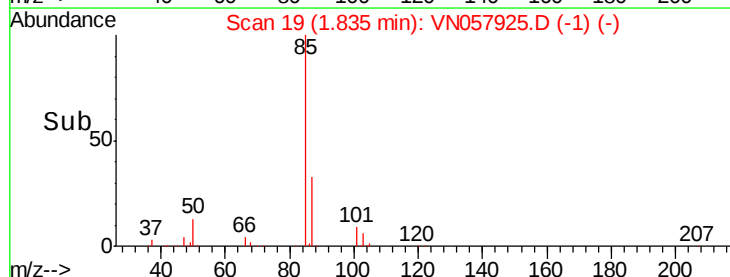
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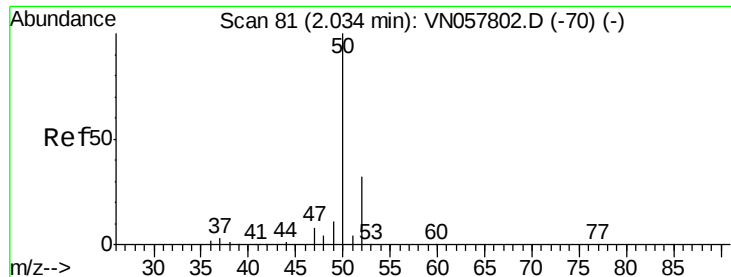
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50000

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Time-->





#3

Chloromethane

Concen: 44.354 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

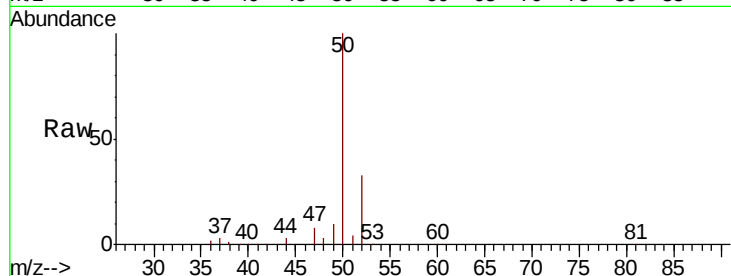
VSTDCCC050

Tgt Ion: 50 Resp: 225538

Ion Ratio Lower Upper

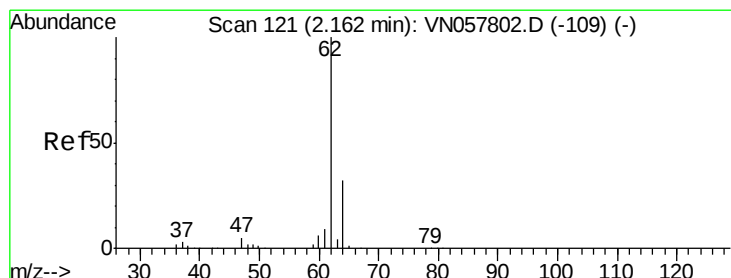
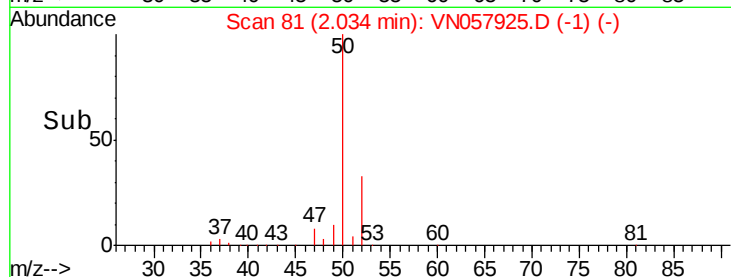
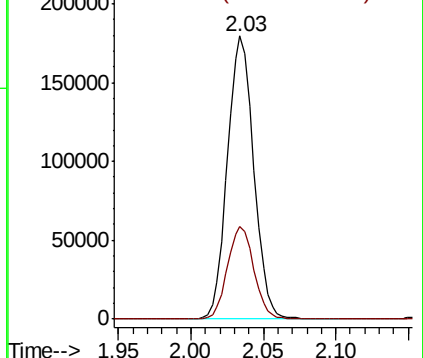
50 100

52 32.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.383 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057925.D

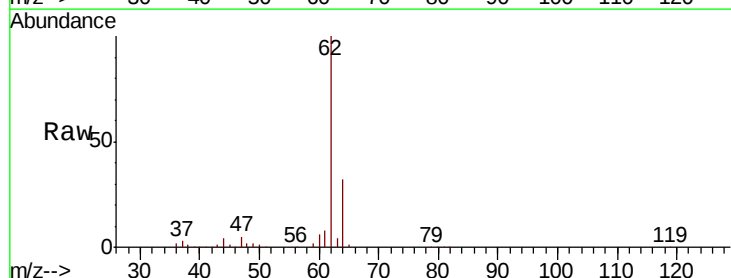
Acq: 11 Sep 2019 15:59

Tgt Ion: 62 Resp: 238858

Ion Ratio Lower Upper

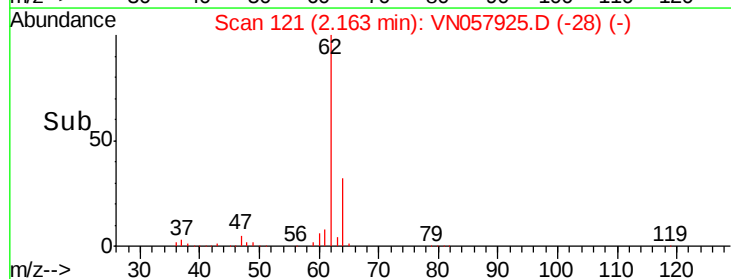
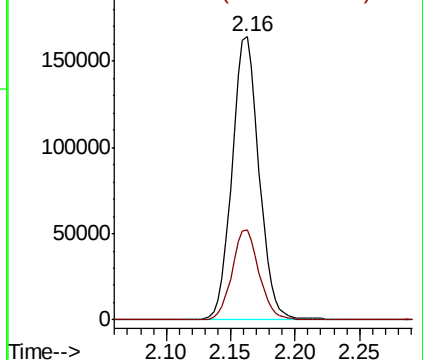
62 100

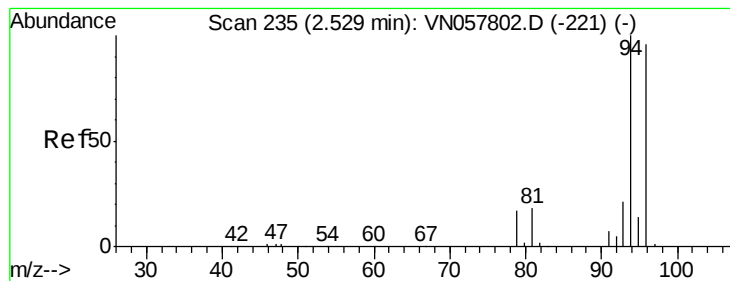
64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 46.440 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

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Acq: 11 Sep 2019 15:59

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ClientSampleId :

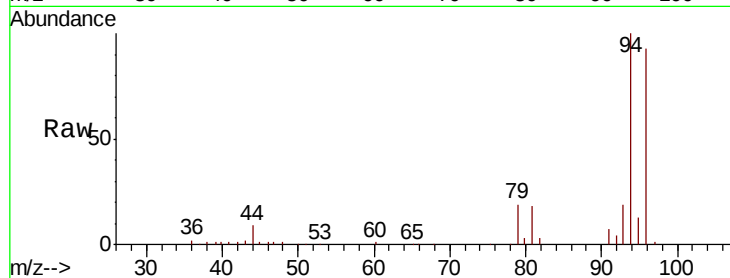
VSTDCCC050

Tgt Ion: 94 Resp: 137665

Ion Ratio Lower Upper

94 100

96 92.7 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

80000

60000

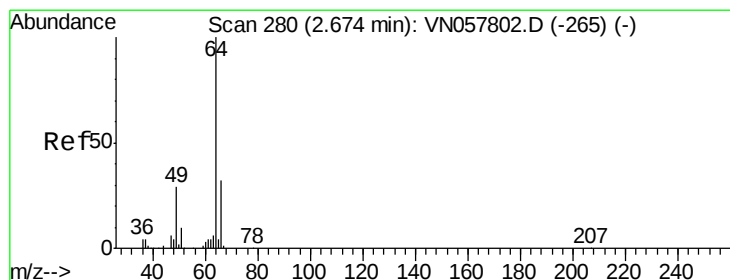
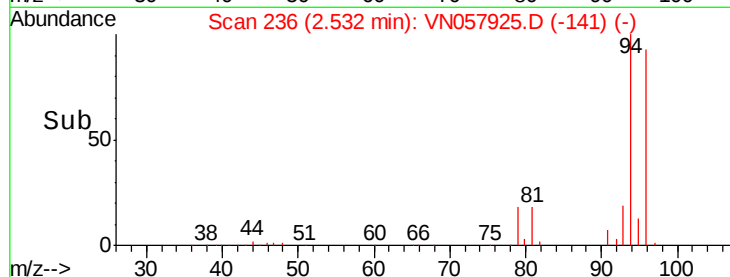
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20000

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Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 44.256 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN057925.D

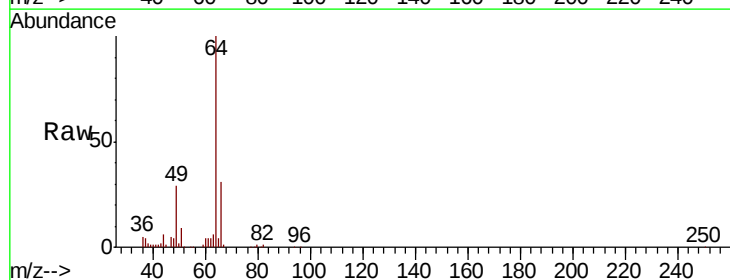
Acq: 11 Sep 2019 15:59

Tgt Ion: 64 Resp: 151771

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

80000

60000

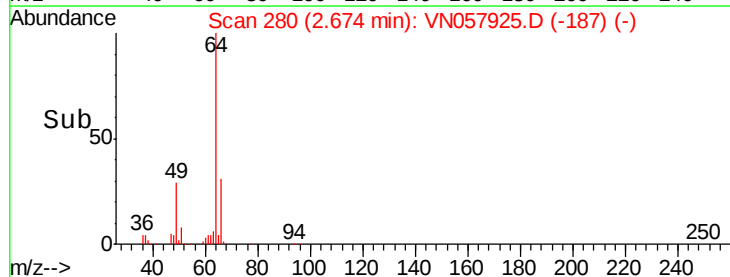
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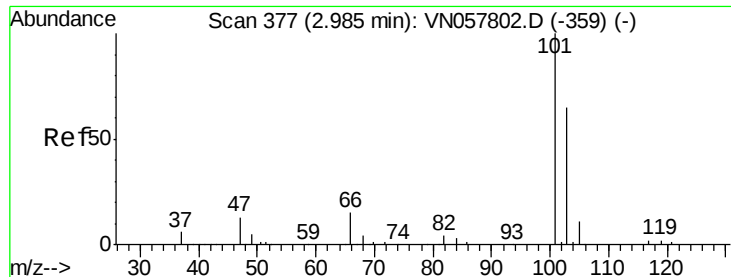
20000

0

Time-->

2.60 2.70 2.80



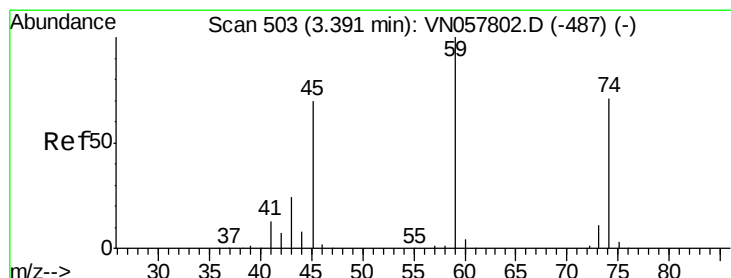
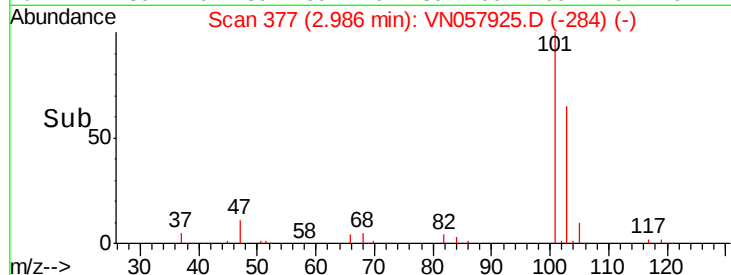
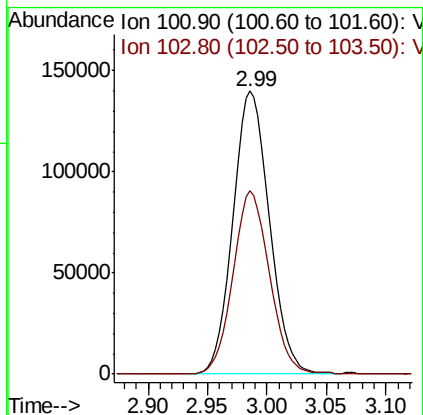
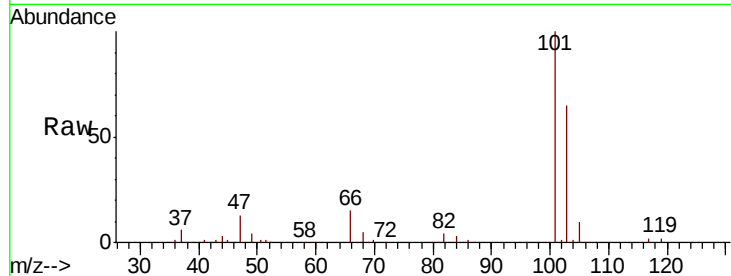


#7

Trichlorofluoromethane
 Concen: 43.981 ug/l
 RT: 2.99 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Instrument :
 MSVOA_N
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 VSTDCCC050

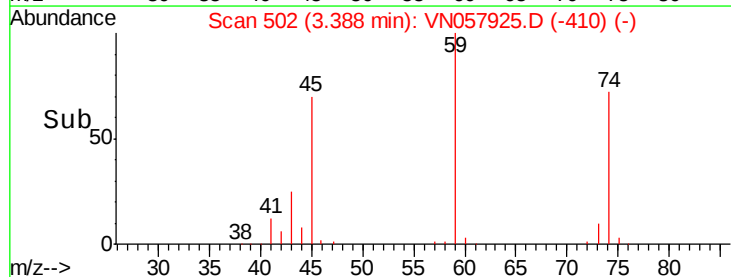
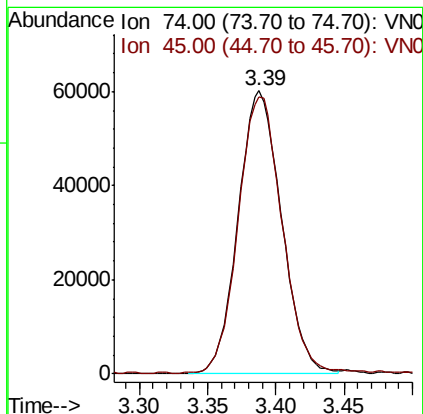
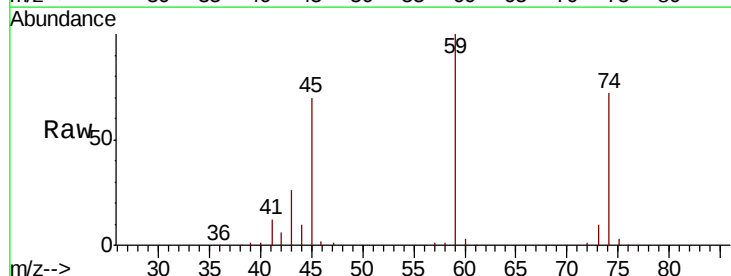
Tgt Ion:101 Resp: 297871
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.9 77.9

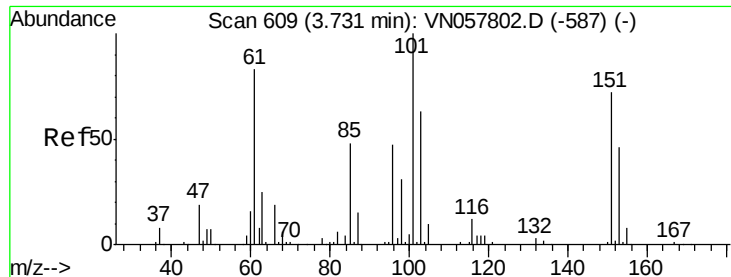


#8

Diethyl Ether
 Concen: 46.888 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 74 Resp: 132449
 Ion Ratio Lower Upper
 74 100
 45 98.9 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.986 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

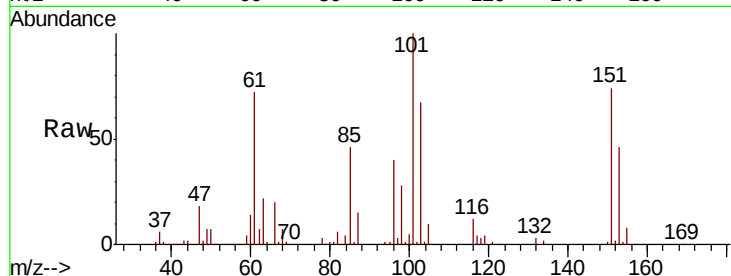
Tgt Ion:101 Resp: 205019

Ion Ratio Lower Upper

101 100

85 46.3 38.1 57.1

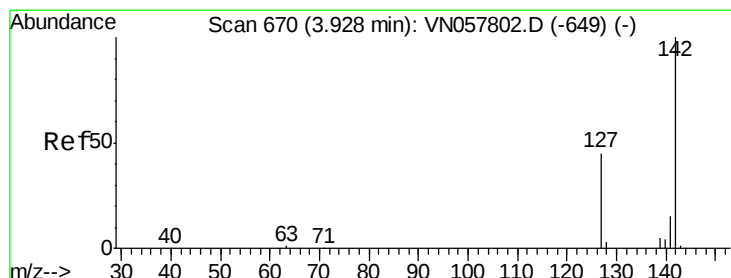
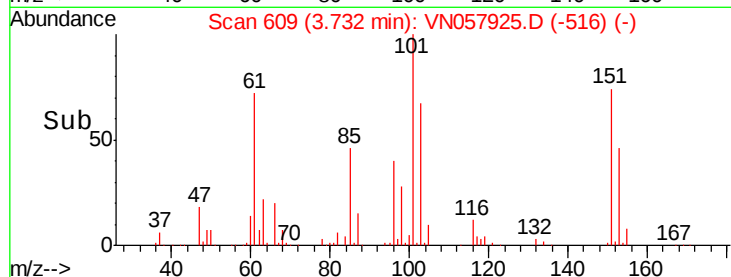
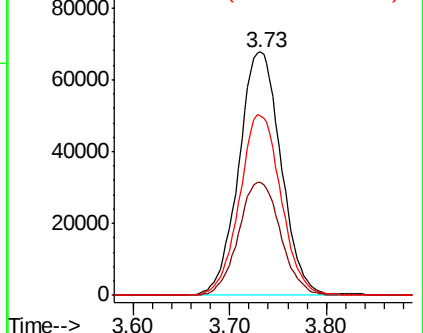
151 73.1 58.4 87.6



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: 42.063 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

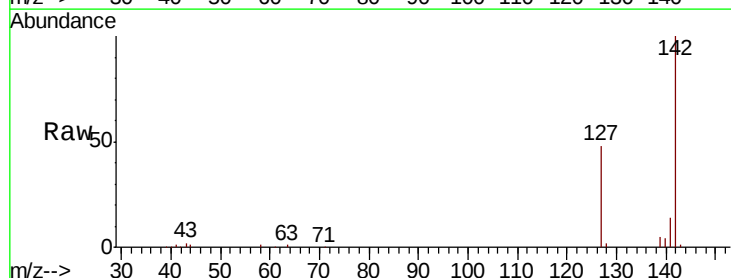
Tgt Ion:142 Resp: 199985

Ion Ratio Lower Upper

142 100

127 46.7 36.7 55.1

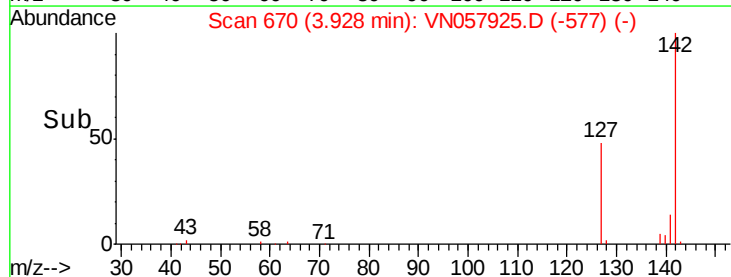
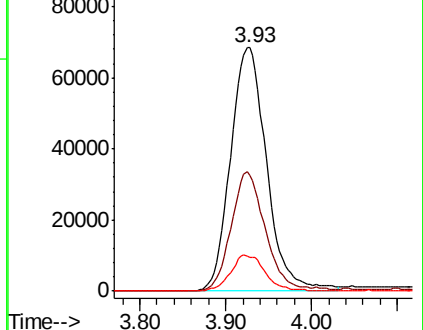
141 14.2 11.4 17.0

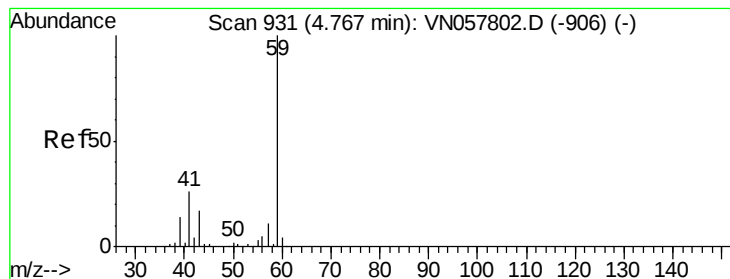


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



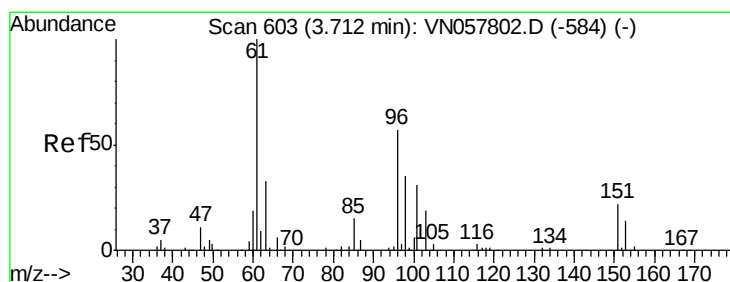
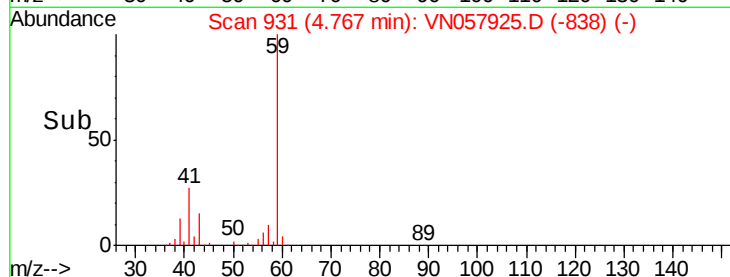
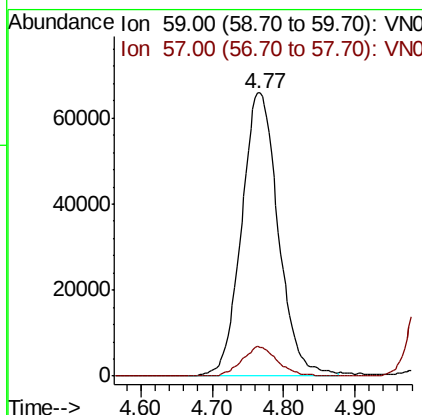
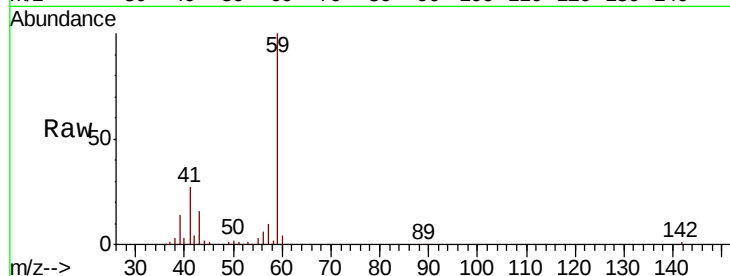


#11

Tert butyl alcohol
 Concen: 266.669 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

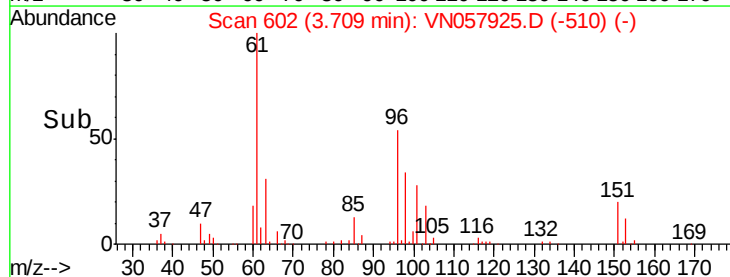
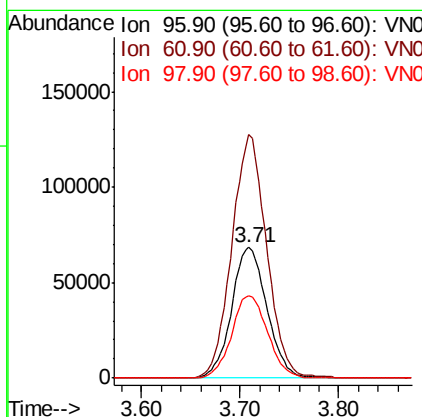
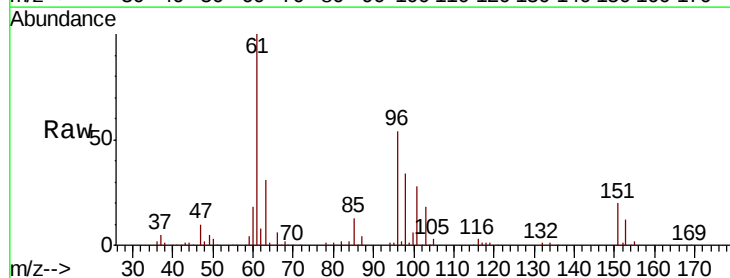
Tgt Ion: 59 Resp: 235833
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

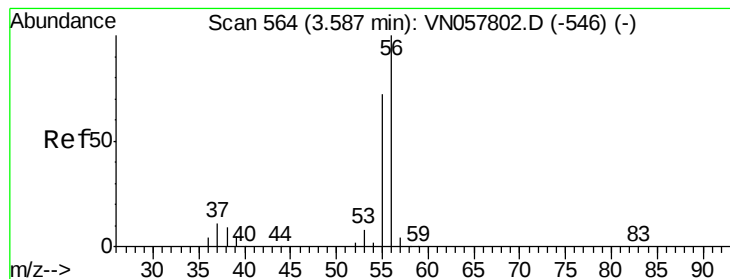


#12

1,1-Dichloroethene
 Concen: 44.431 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 96 Resp: 170680
 Ion Ratio Lower Upper
 96 100
 61 186.2 141.2 211.8
 98 62.6 49.9 74.9





#13

Acrolein

Concen: 223.406 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

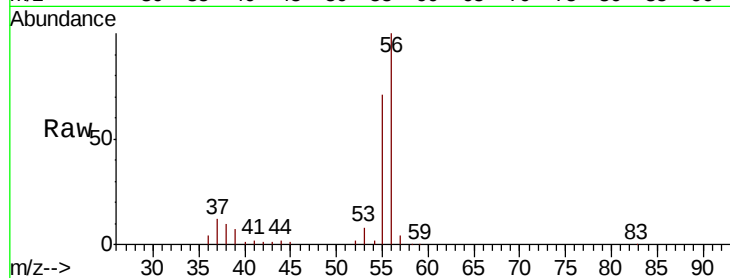
VSTDCCC050

Tgt Ion: 56 Resp: 167620

Ion Ratio Lower Upper

56 100

55 70.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN057802.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN057802.D (-546) (-)

3.58

80000

60000

40000

20000

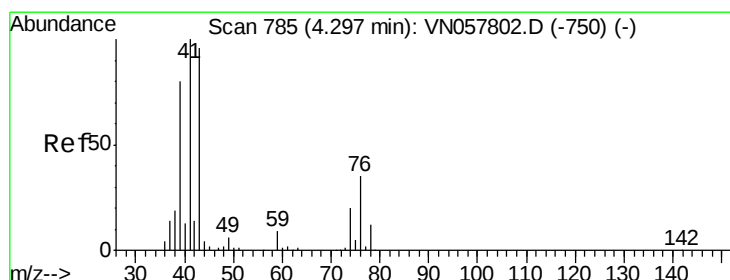
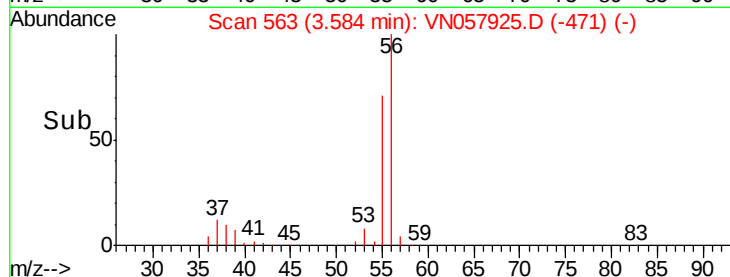
0

3.50

3.60

3.70

Time-->



#14

Allyl chloride

Concen: 46.328 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

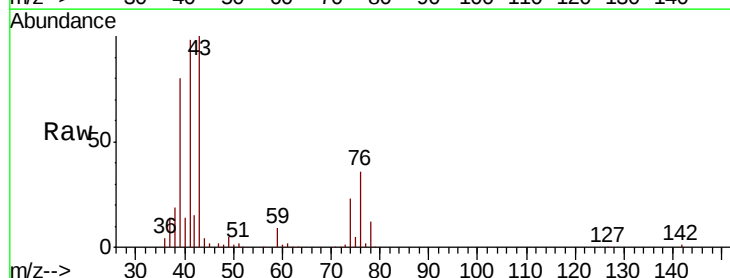
Tgt Ion: 41 Resp: 348277

Ion Ratio Lower Upper

41 100

39 75.4 59.4 89.2

76 32.3 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN057802.D (-750) (-)

150000

100000

50000

0

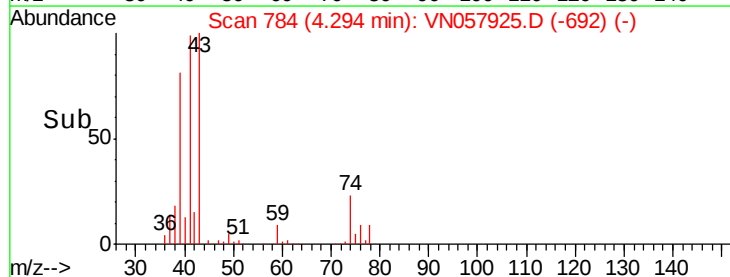
4.10

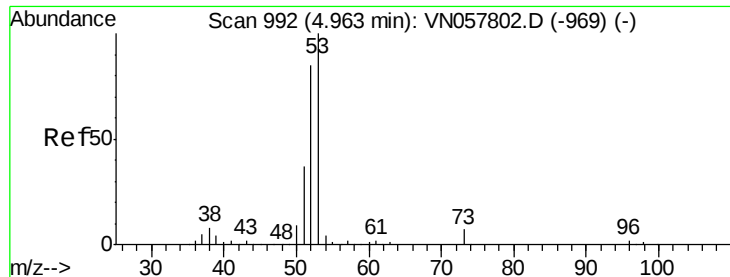
4.20

4.30

4.40

Time-->





#15

Acrylonitrile

Concen: 262.206 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

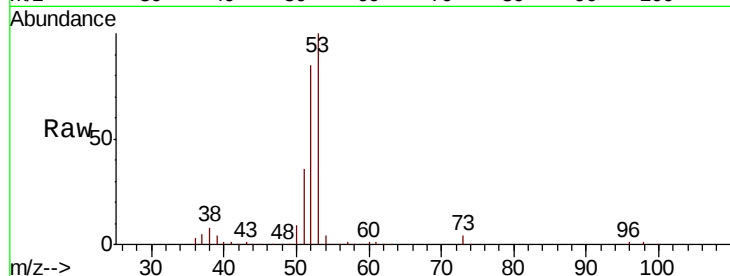
Tgt Ion: 53 Resp: 637362

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

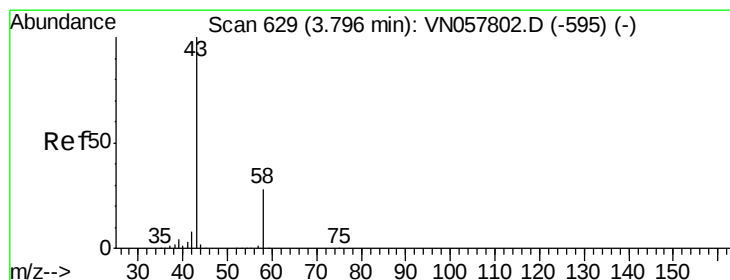
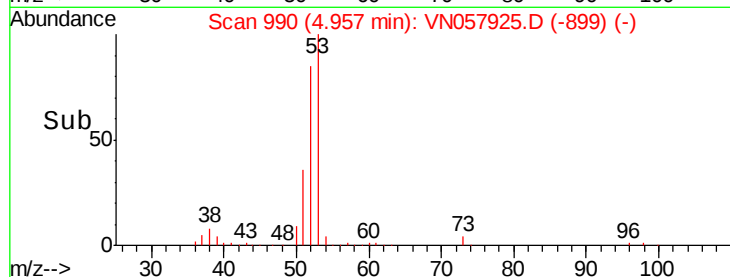
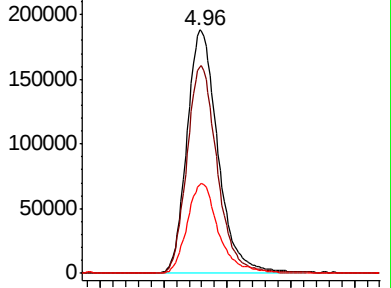
51 37.4 29.8 44.8



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

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

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



#16

Acetone

Concen: 270.619 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057925.D

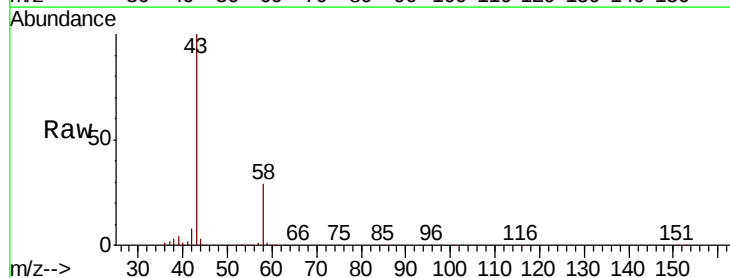
Acq: 11 Sep 2019 15:59

Tgt Ion: 43 Resp: 648223

Ion Ratio Lower Upper

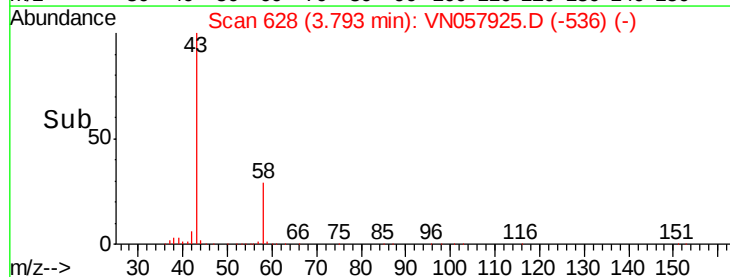
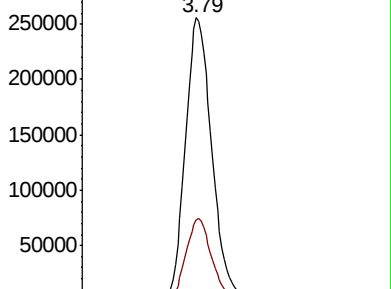
43 100

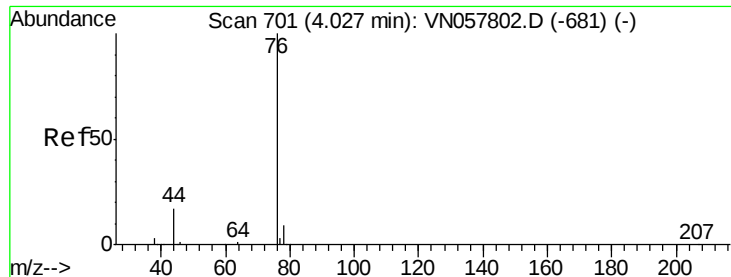
58 28.8 22.2 33.2



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

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

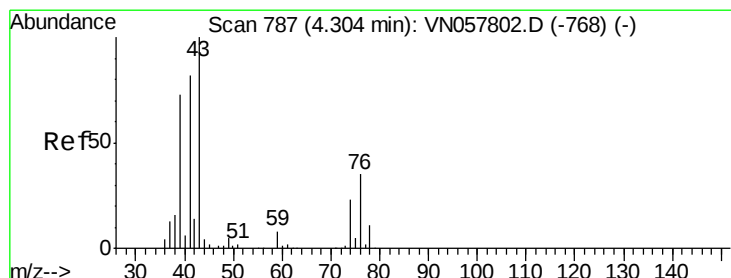
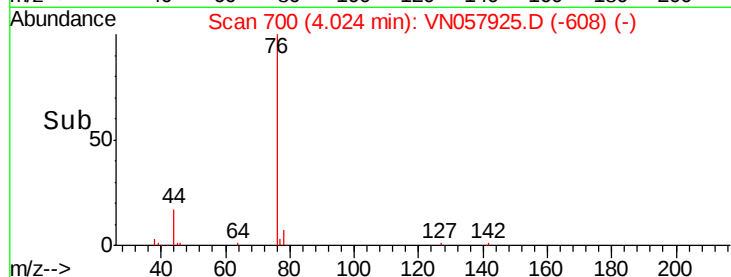
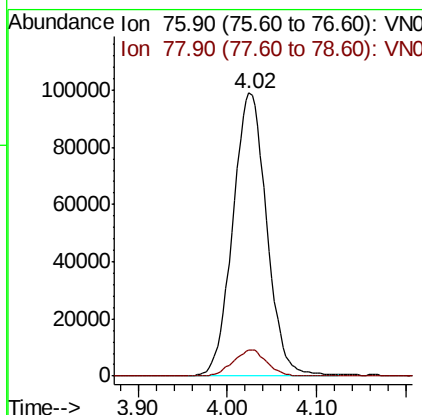
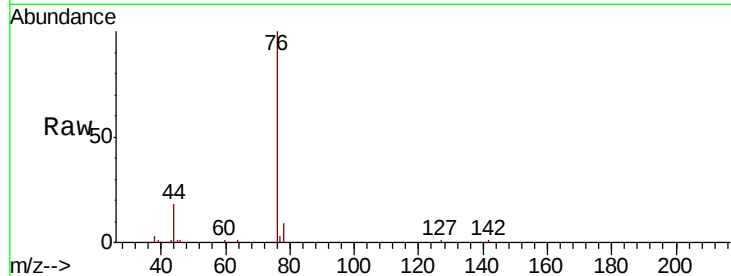




#17
Carbon Disulfide
Concen: 43.665 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

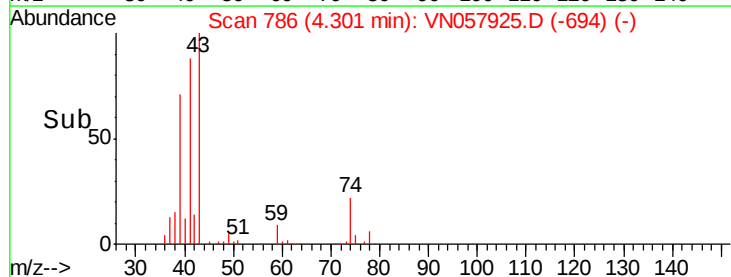
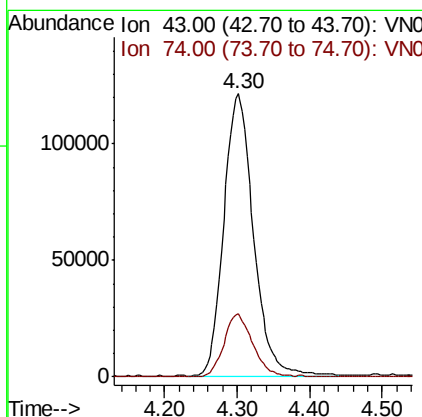
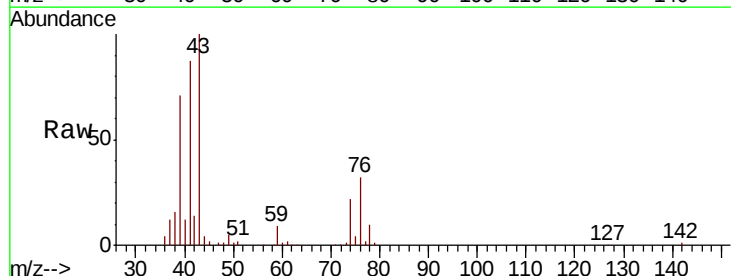
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

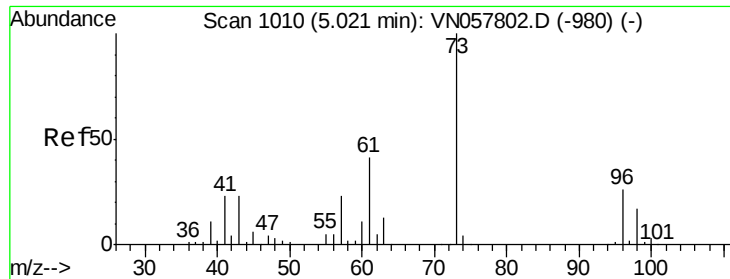
Tgt Ion: 76 Resp: 260942
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 53.844 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 43 Resp: 343883
Ion Ratio Lower Upper
43 100
74 21.7 17.9 26.9

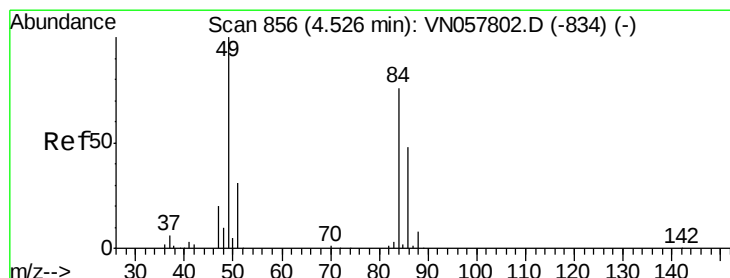
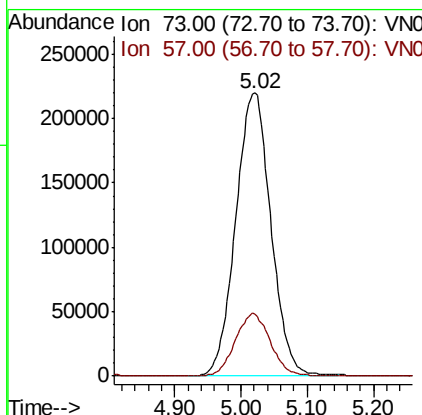
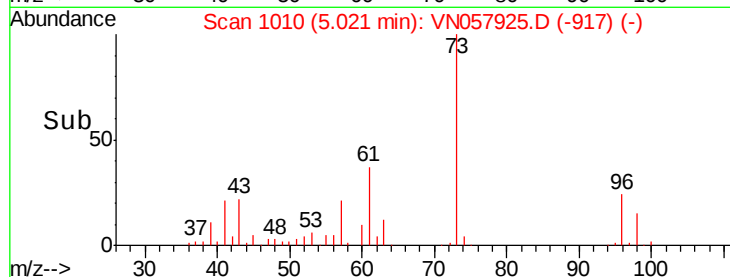
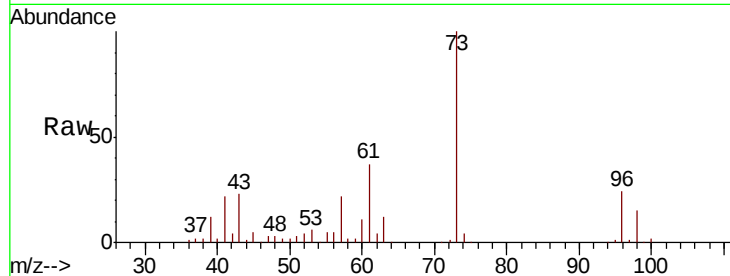




#19
Methyl tert-butyl Ether
Concen: 50.737 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

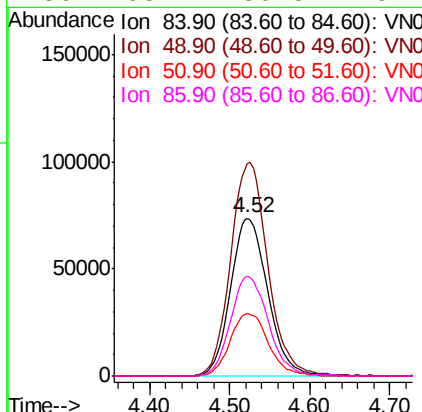
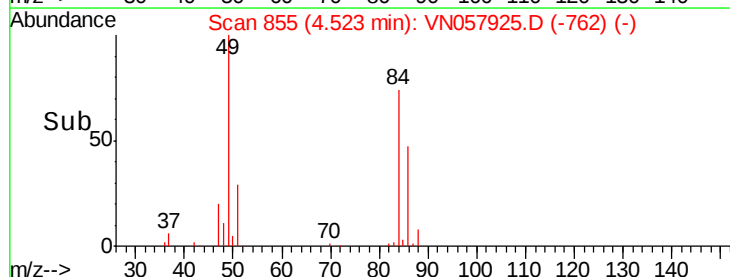
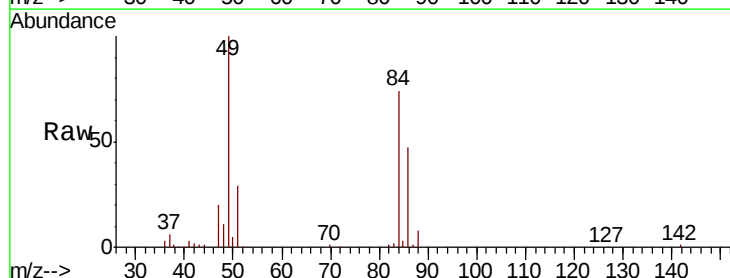
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

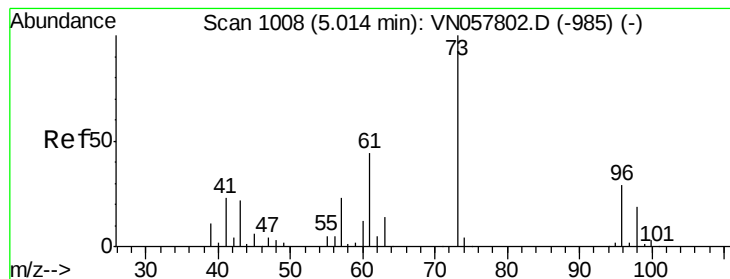
Tgt Ion: 73 Resp: 811118
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 50.829 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 84 Resp: 231688
Ion Ratio Lower Upper
84 100
49 134.9 104.8 157.2
51 39.6 33.0 49.4
86 63.2 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.180 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

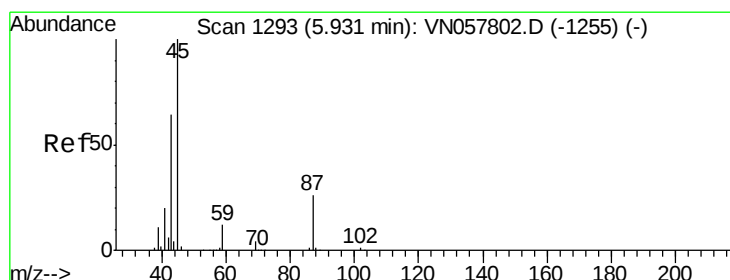
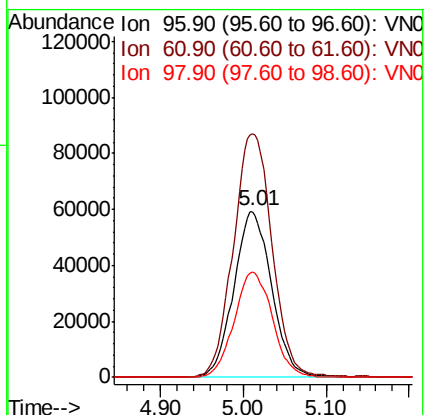
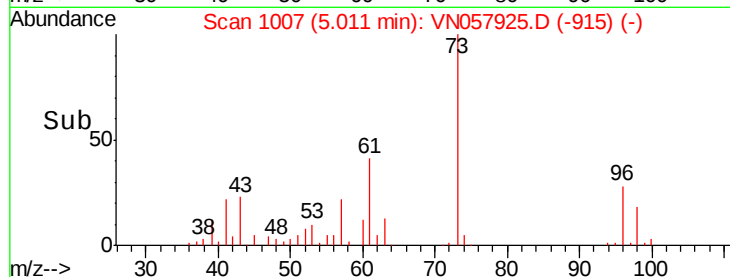
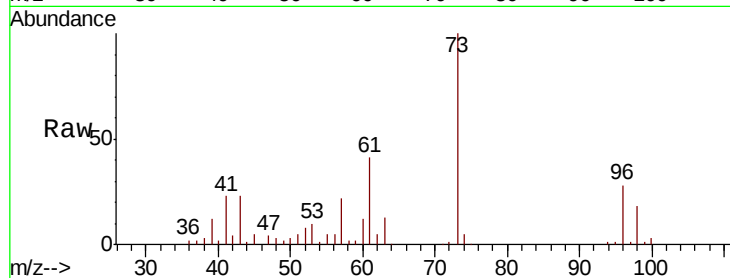
Tgt Ion: 96 Resp: 187614

Ion Ratio Lower Upper

96 100

61 146.5 121.9 182.9

98 63.8 52.2 78.4



#22

Diisopropyl ether

Concen: 49.524 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Tgt Ion: 45 Resp: 873098

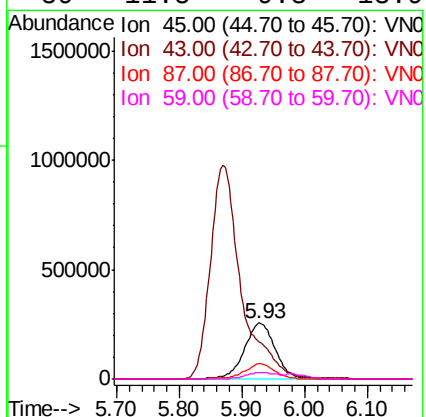
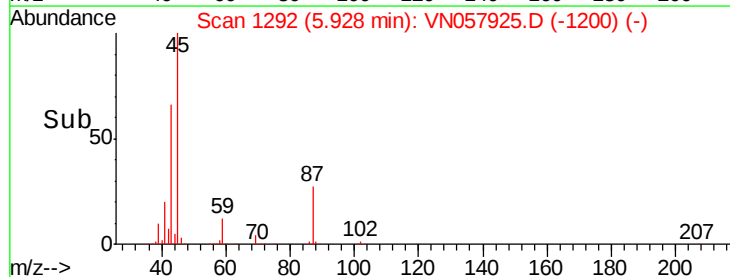
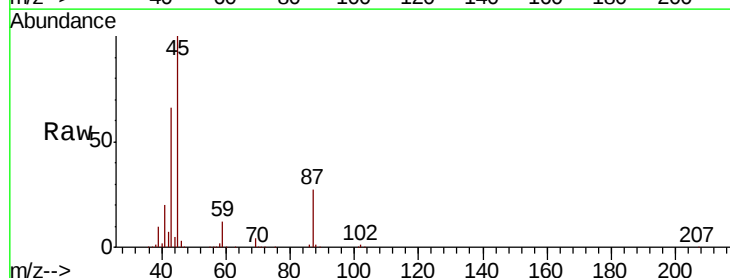
Ion Ratio Lower Upper

45 100

43 64.5 51.4 77.2

87 27.2 21.3 31.9

59 11.5 9.3 13.9





#23

Vinyl Acetate

Concen: 267.435 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampled :

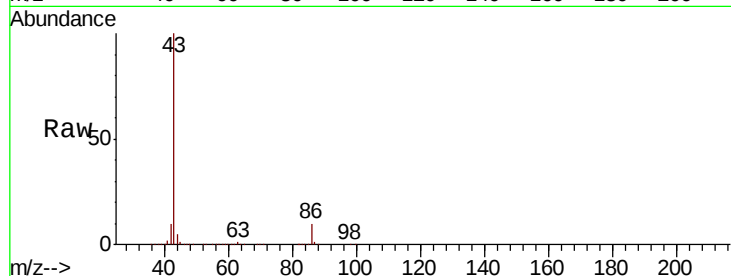
VSTDCCC050

Tgt Ion: 43 Resp: 3341397

Ion Ratio Lower Upper

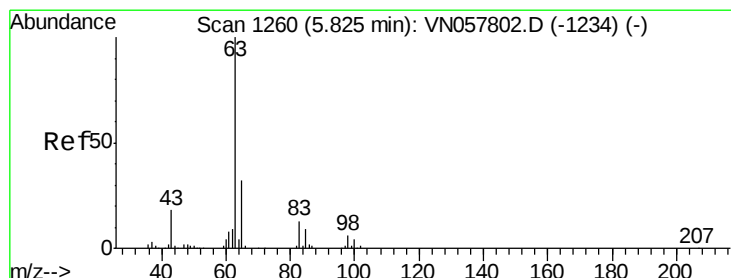
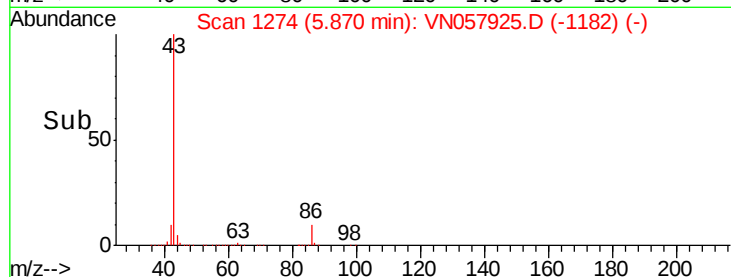
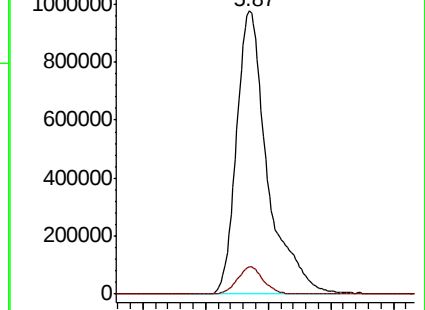
43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN057802.D (-1250) (-)



#24

1,1-Dichloroethane

Concen: 48.119 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

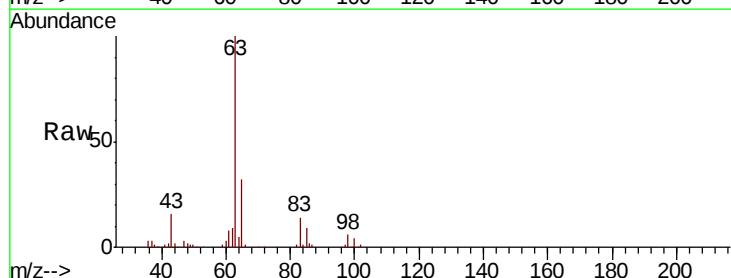
Tgt Ion: 63 Resp: 463634

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

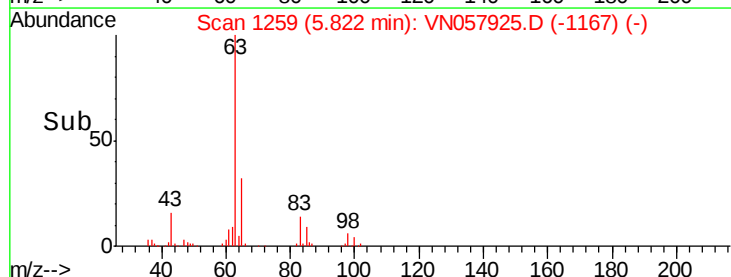
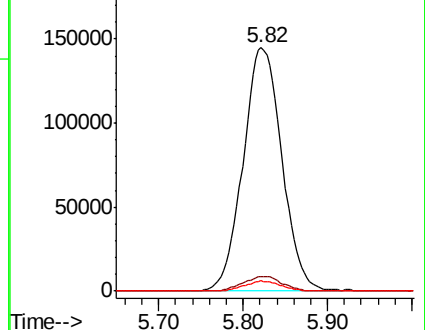
100 4.1 2.0 5.8

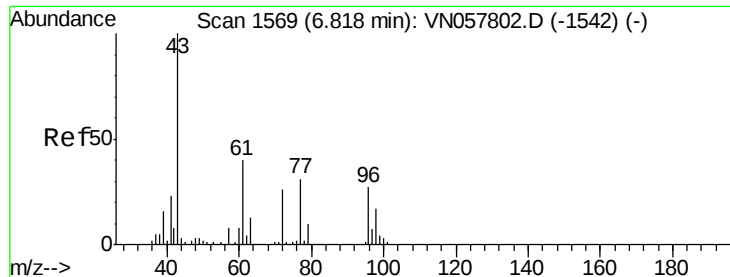


Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057802.D (-1234) (-)

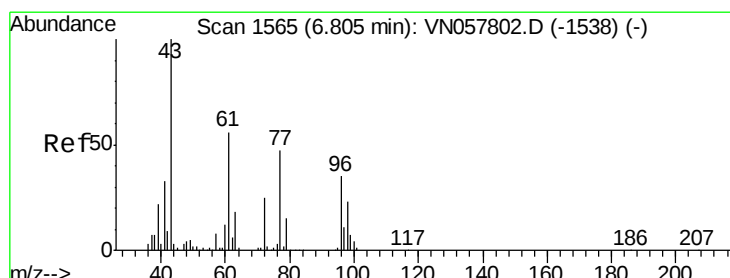
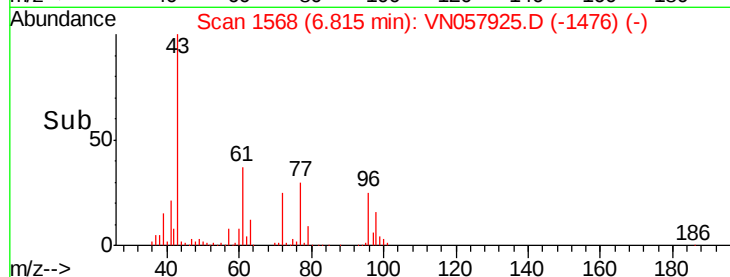
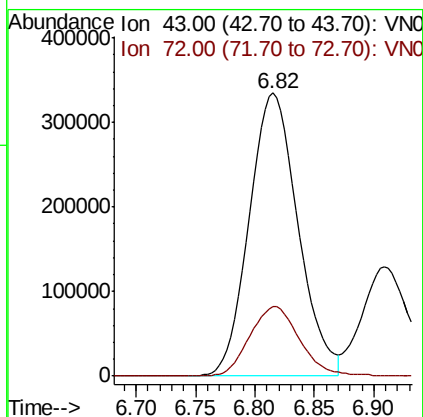
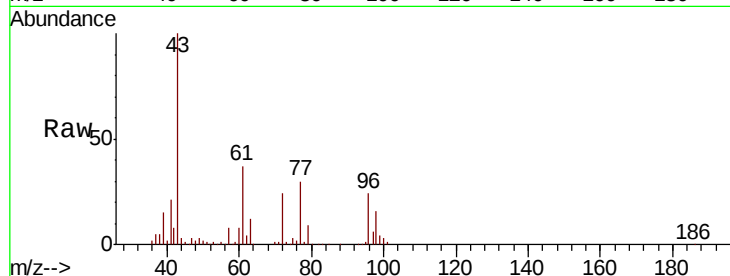




#25
2-Butanone
Concen: 273.943 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

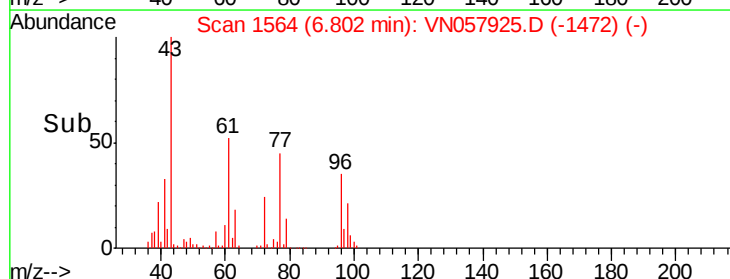
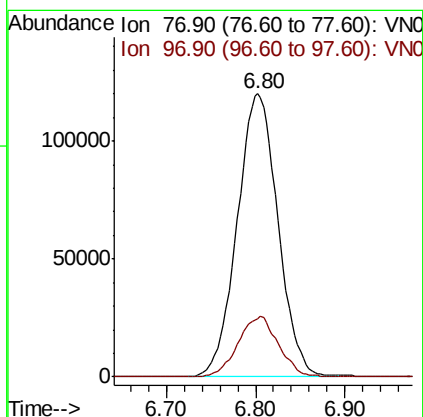
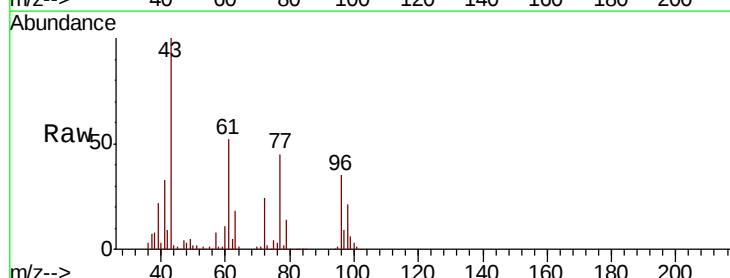
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

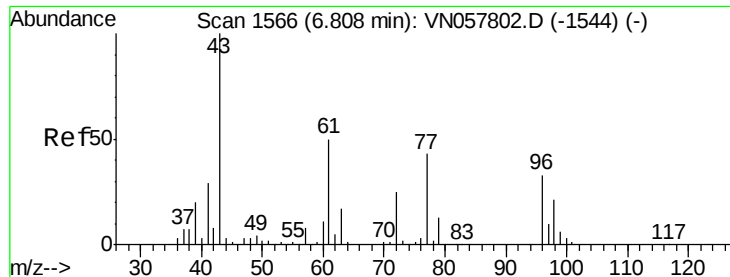
Tgt Ion: 43 Resp: 949729
Ion Ratio Lower Upper
43 100
72 24.5 20.6 30.8



#26
2,2-Dichloropropane
Concen: 49.885 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 77 Resp: 380379
Ion Ratio Lower Upper
77 100
97 21.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 48.147 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

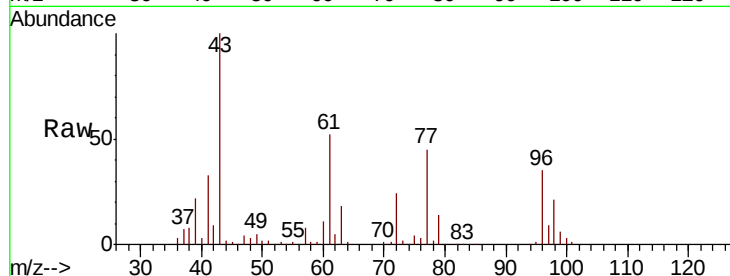
Tgt Ion: 96 Resp: 267937

Ion Ratio Lower Upper

96 100

61 155.8 0.0 314.0

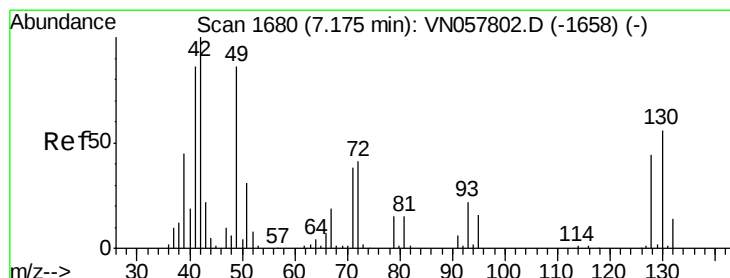
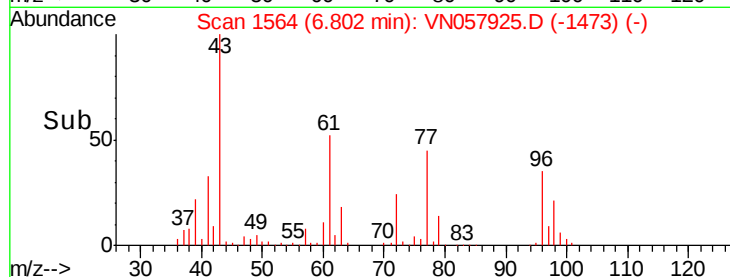
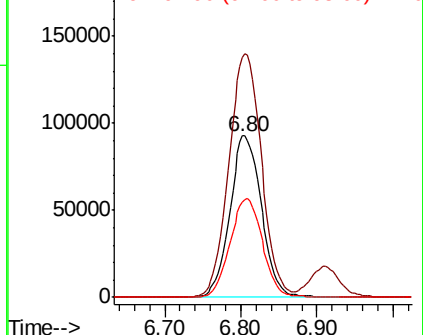
98 62.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN057802.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1544) (-)



#28

Bromochloromethane

Concen: 49.540 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

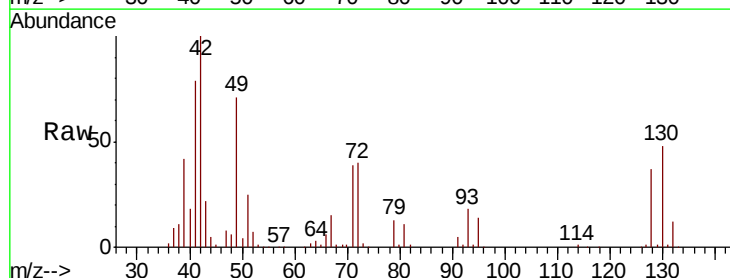
Tgt Ion: 49 Resp: 238464

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

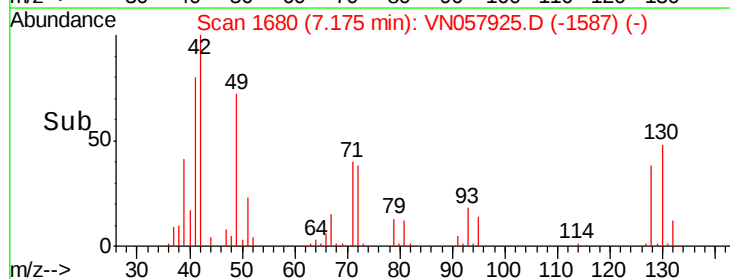
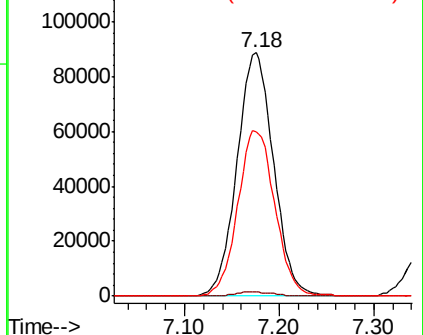
130 69.1 53.0 79.6

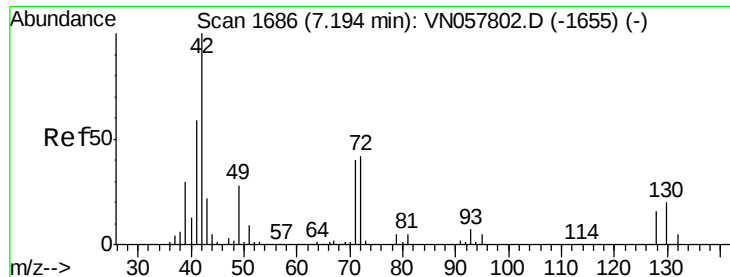


Abundance Ion 48.90 (48.60 to 49.60): VN057802.D (-1658) (-)

Ion 128.80 (128.50 to 129.50): VN057802.D (-1658) (-)

Ion 129.80 (129.50 to 130.50): VN057802.D (-1658) (-)





#29

Tetrahydrofuran

Concen: 268.181 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

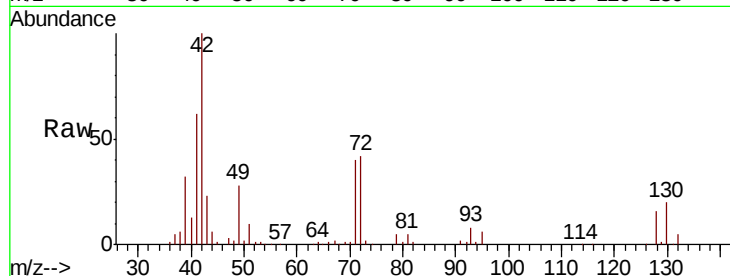
Tgt Ion: 42 Resp: 572919

Ion Ratio Lower Upper

42 100

72 41.9 33.7 50.5

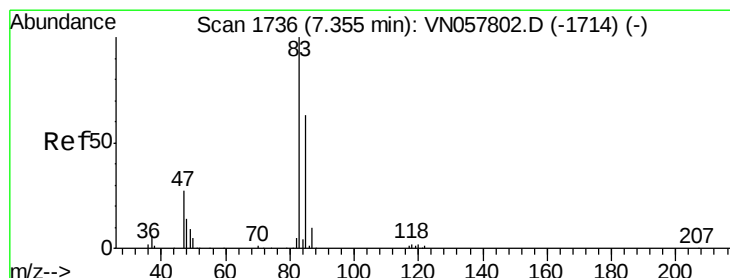
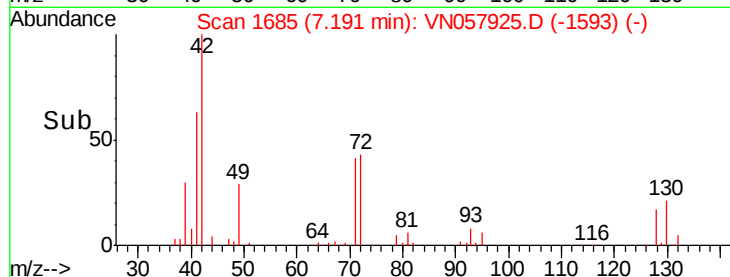
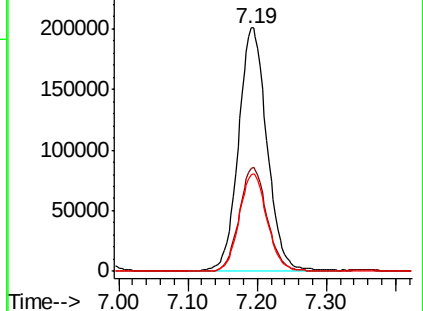
71 39.2 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.978 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN057925.D

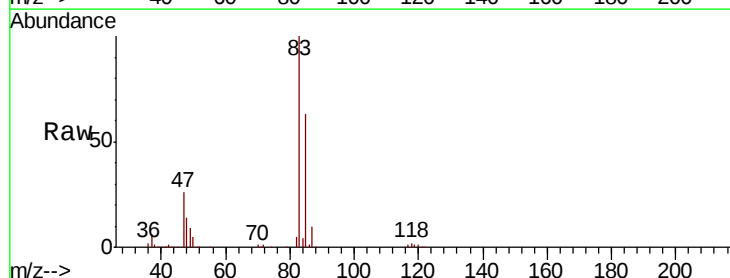
Acq: 11 Sep 2019 15:59

Tgt Ion: 83 Resp: 483350

Ion Ratio Lower Upper

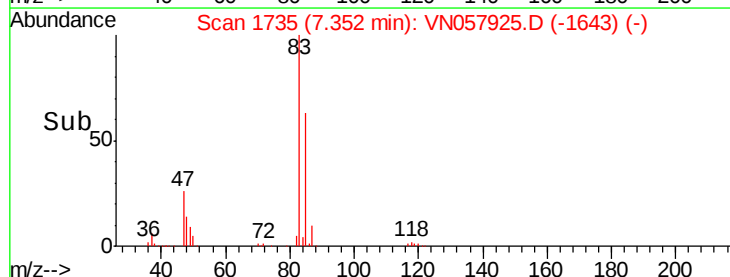
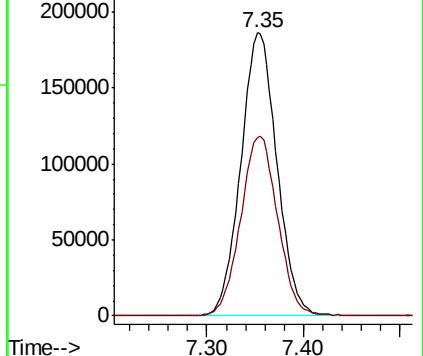
83 100

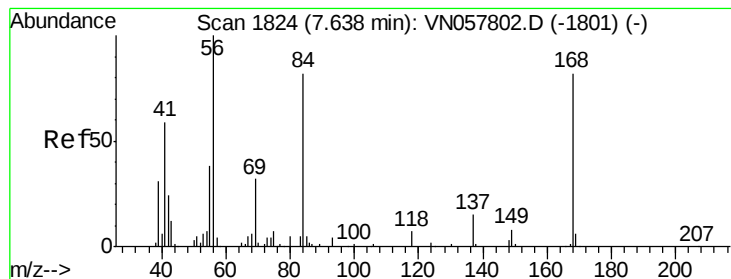
85 63.3 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.210 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

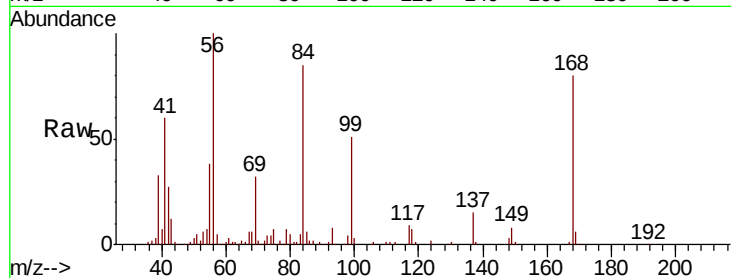
Tgt Ion: 56 Resp: 329613

Ion Ratio Lower Upper

56 100

69 31.7 25.9 38.9

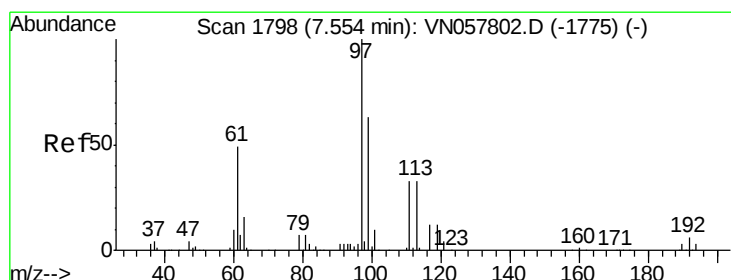
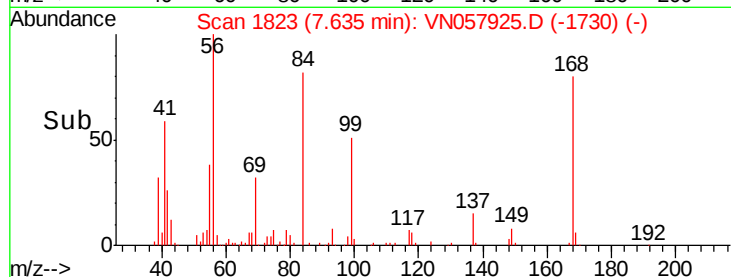
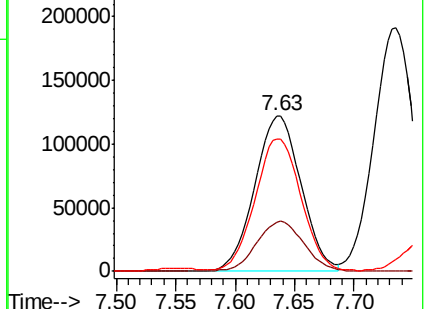
84 83.5 65.6 98.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 47.911 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

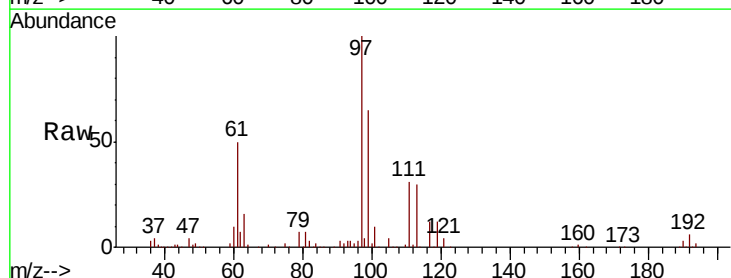
Tgt Ion: 97 Resp: 382812

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

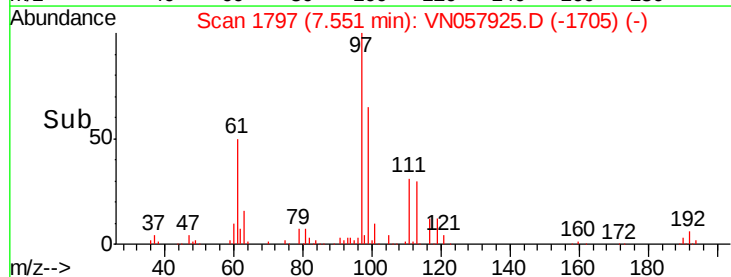
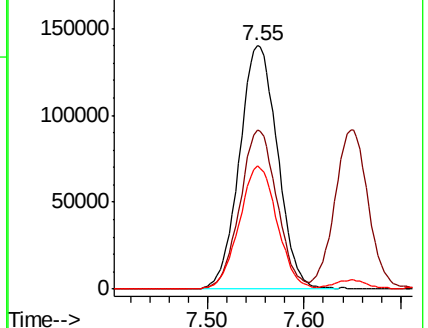
61 50.3 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

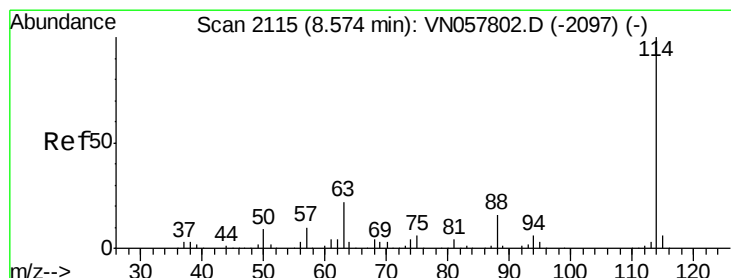
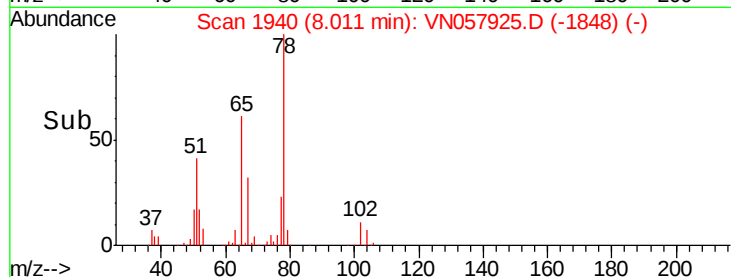
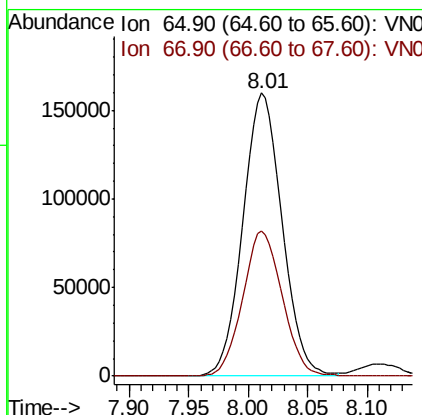
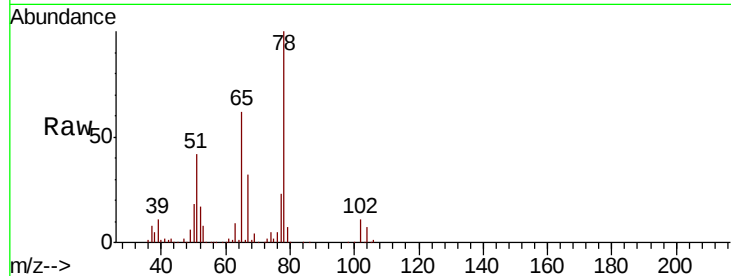




#33
 1,2-Dichloroethane-d4
 Concen: 49.939 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

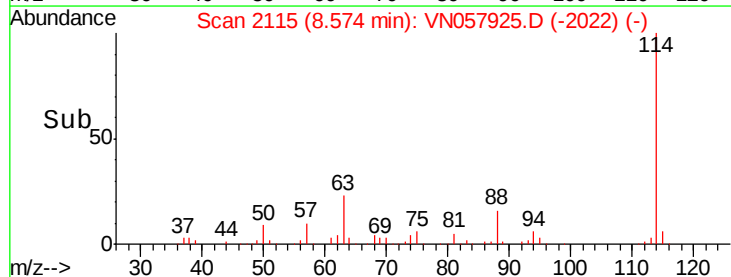
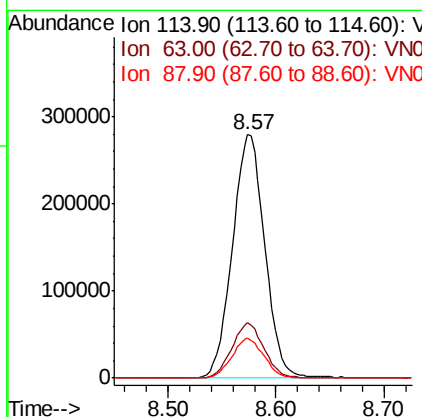
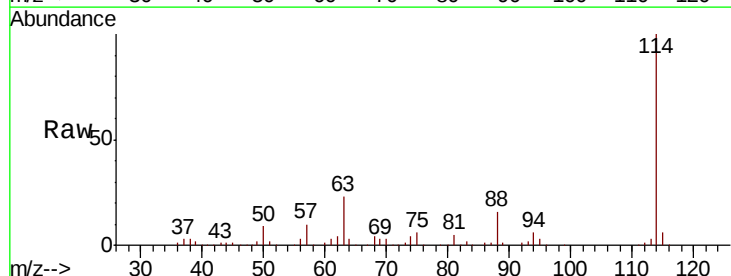
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 364898
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 114 Resp: 584177
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 16.4 0.0 31.4

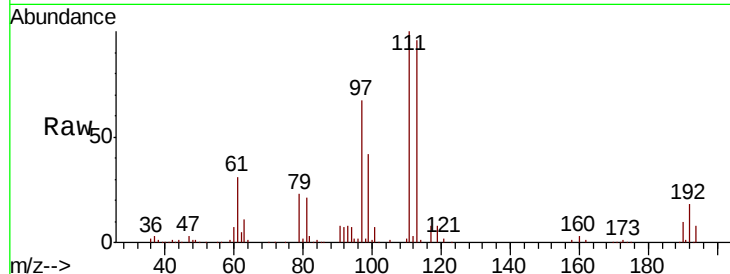




#35
 Dibromofluoromethane
 Concen: 48.707 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.3	121.9
192	18.7	14.6	22.0

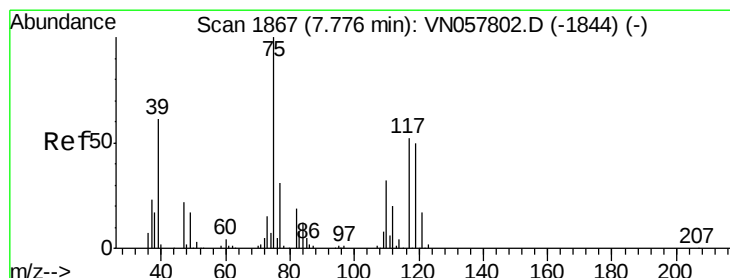
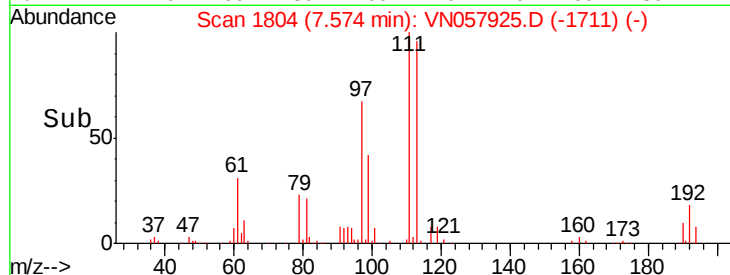
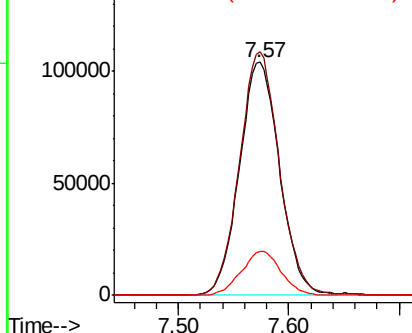


Abundance

Ion 112.80 (112.50 to 113.50): V

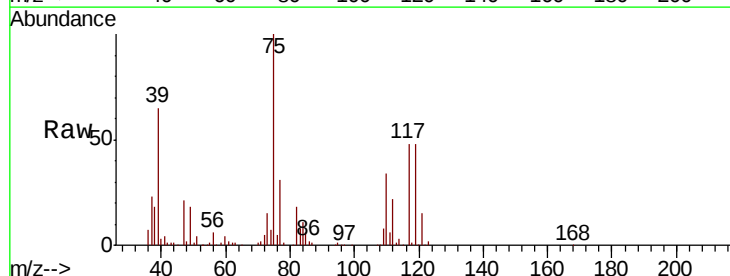
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 45.548 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.3	48.9
77	31.0	25.0	37.4

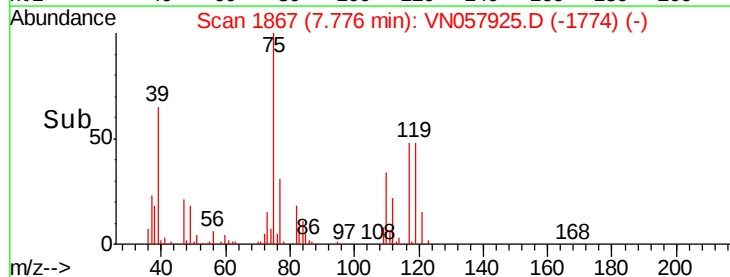
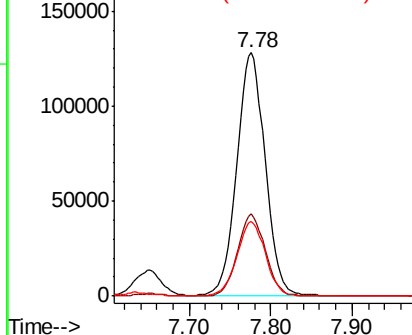


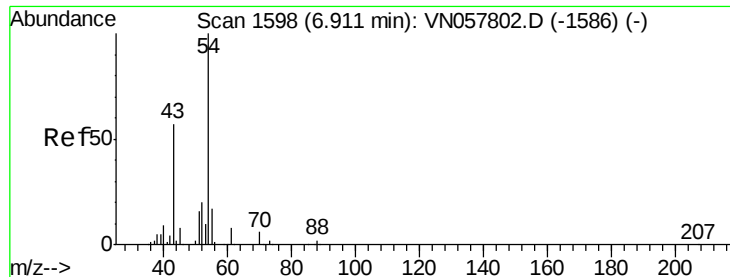
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

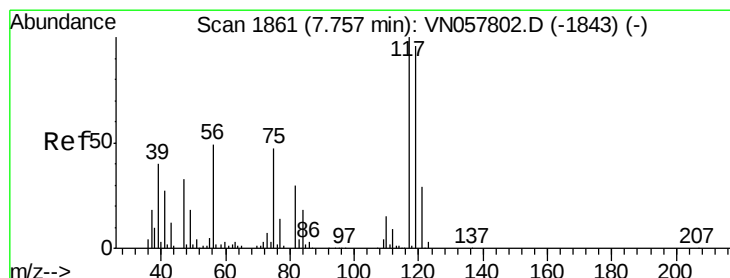
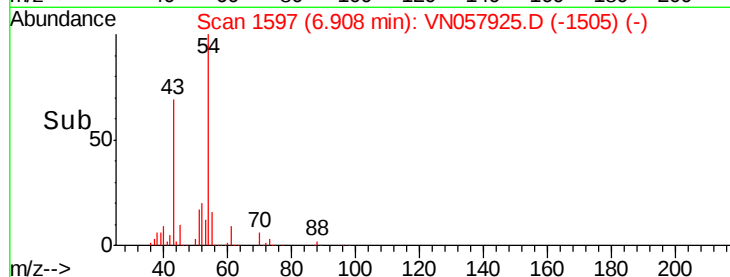
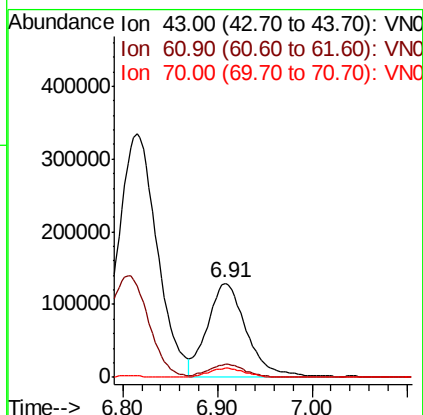
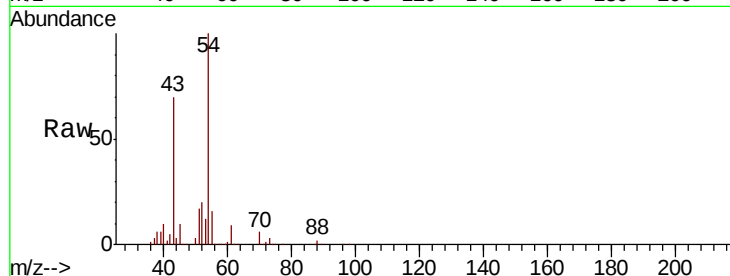




#37
Ethyl Acetate
Concen: 52.080 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

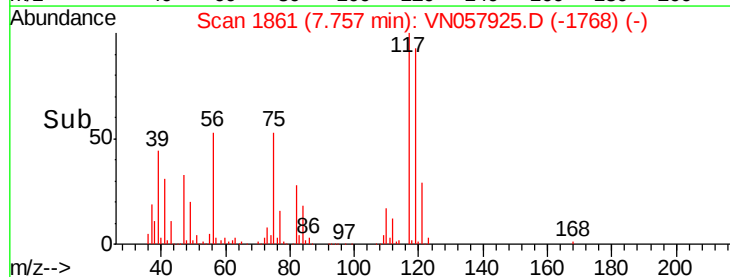
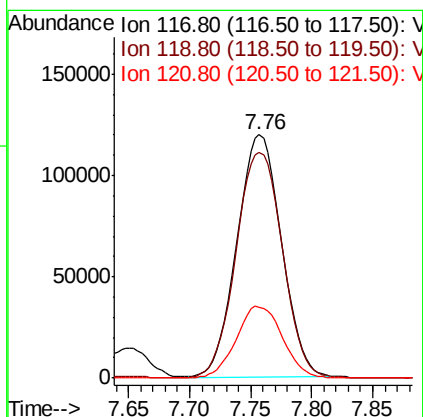
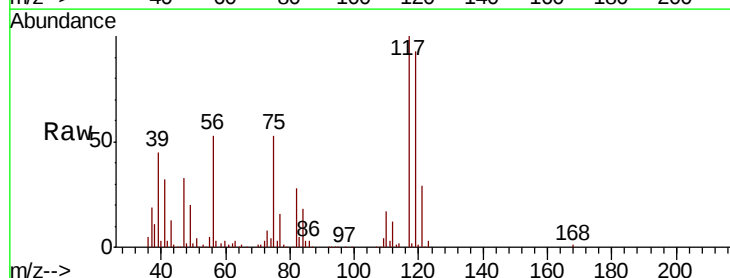
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

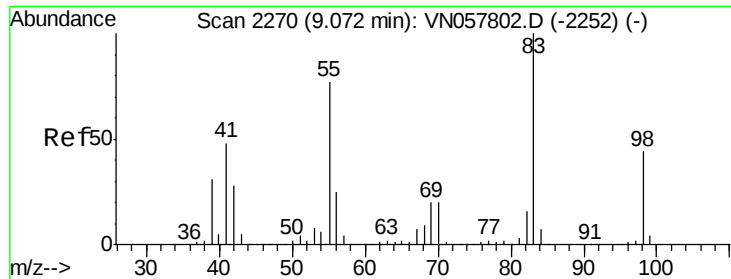
Tgt Ion: 43 Resp: 364545
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.4 7.4 11.0



#38
Carbon Tetrachloride
Concen: 48.953 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 117 Resp: 302796
Ion Ratio Lower Upper
117 100
119 93.1 76.9 115.3
121 29.5 23.4 35.2

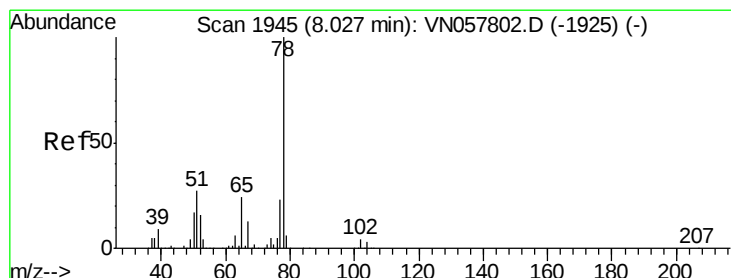
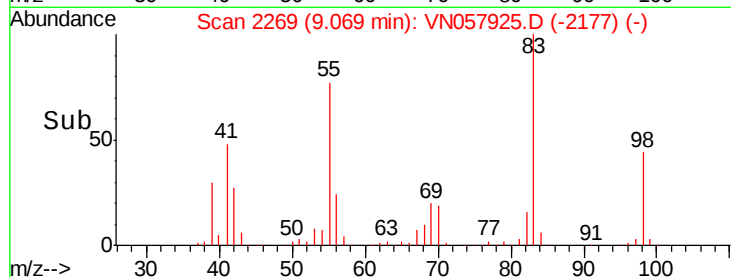
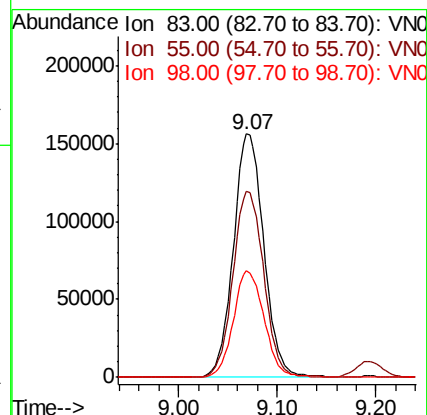
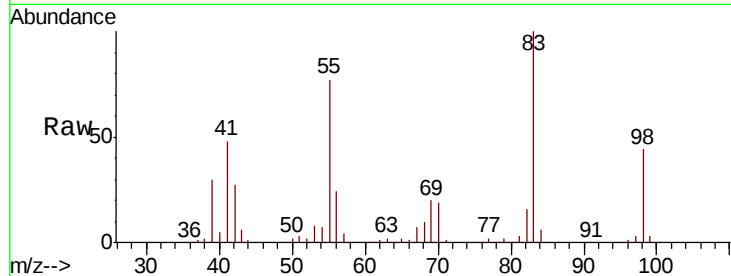




#39
Methylcyclohexane
Concen: 47.139 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

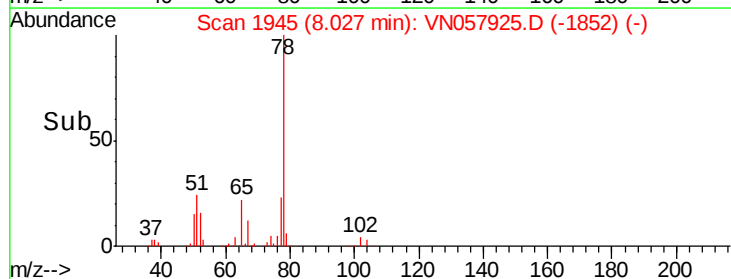
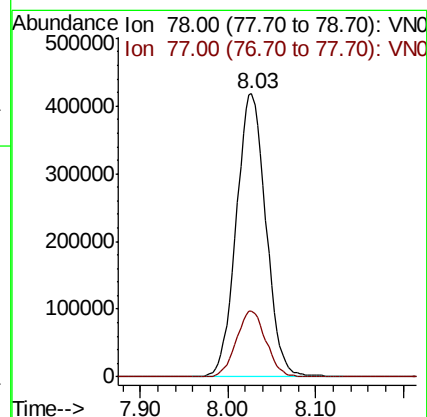
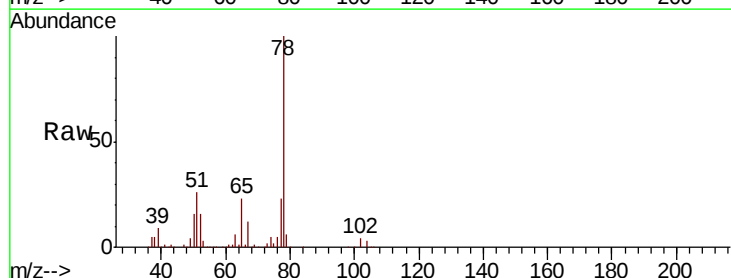
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

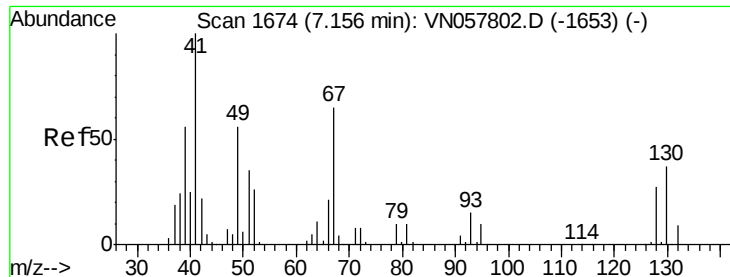
Tgt Ion: 83 Resp: 335722
Ion Ratio Lower Upper
83 100
55 76.7 61.6 92.4
98 43.6 34.9 52.3



#40
Benzene
Concen: 48.203 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 78 Resp: 983186
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5





#41

Methacrylonitrile

Concen: 169.463 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.04 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 538454

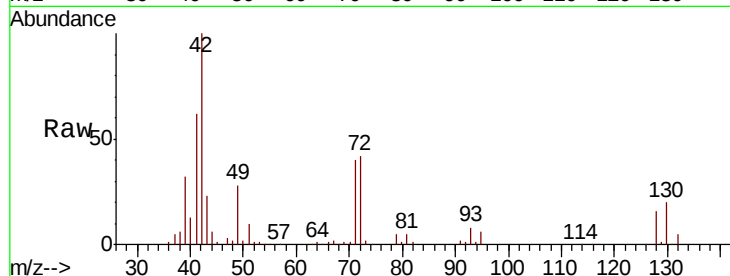
Ion Ratio Lower Upper

41 100

39 0.0 51.0 76.6#

67 0.0 70.7 106.1#

52 0.0 30.8 46.2#

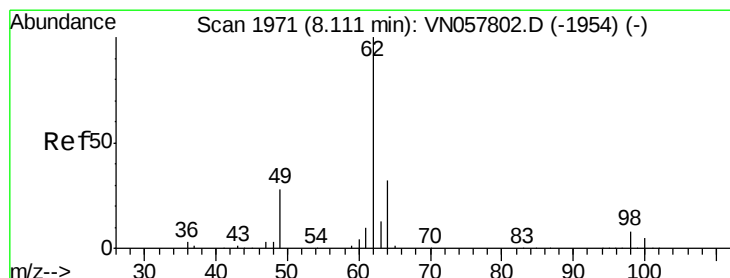
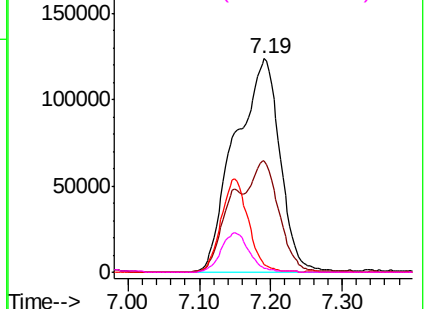
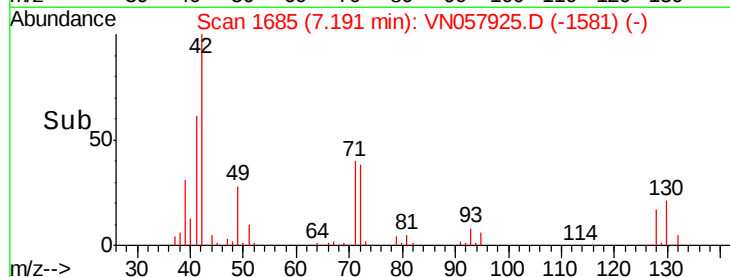


Abundance Ion 41.00 (40.70 to 41.70): VN057925.D (-1685) (-)

Ion 39.00 (38.70 to 39.70): VN057925.D (-1685) (-)

Ion 67.00 (66.70 to 67.70): VN057925.D (-1685) (-)

Ion 52.00 (51.70 to 52.70): VN057925.D (-1685) (-)



#42

1,2-Dichloroethane

Concen: 49.217 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN057925.D

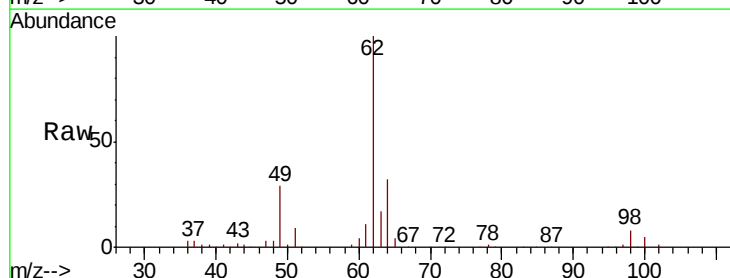
Acq: 11 Sep 2019 15:59

Tgt Ion: 62 Resp: 401482

Ion Ratio Lower Upper

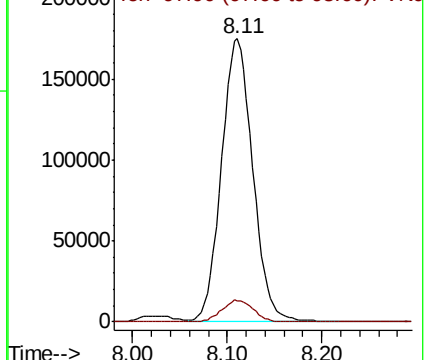
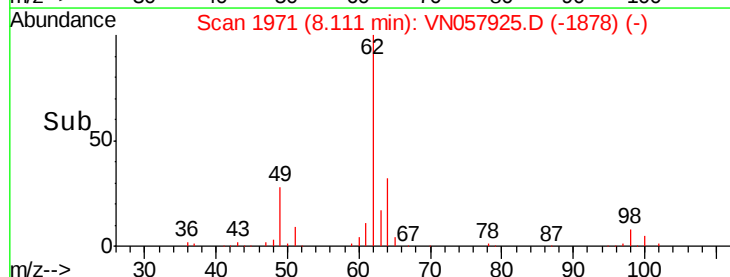
62 100

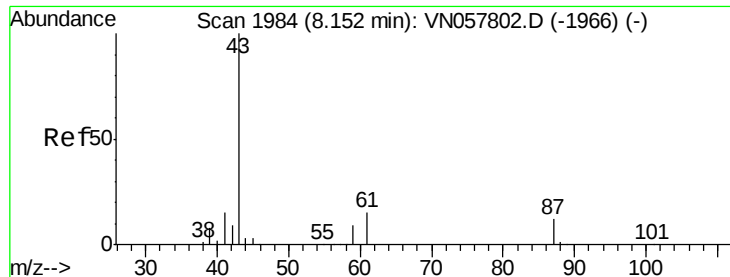
98 7.7 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN057925.D (-1971) (-)

Ion 97.90 (97.60 to 98.60): VN057925.D (-1971) (-)





#43

Isopropyl Acetate

Concen: 52.822 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

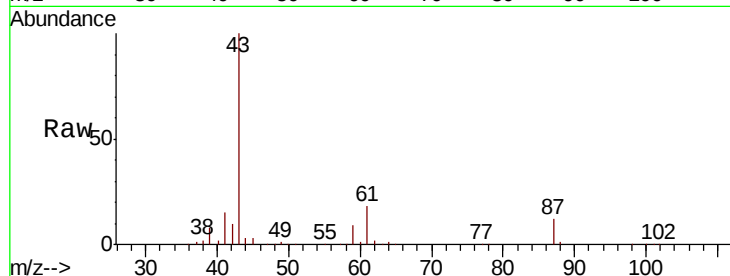
Tgt Ion: 43 Resp: 621777

Ion Ratio Lower Upper

43 100

61 24.8 20.1 30.1

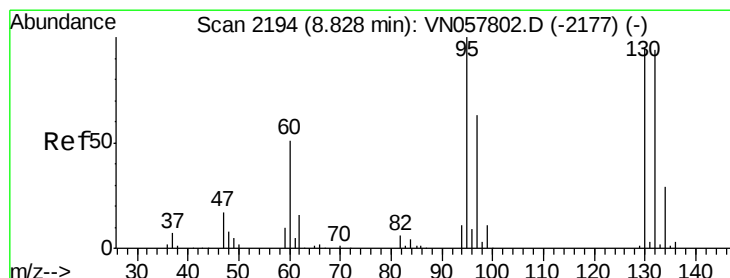
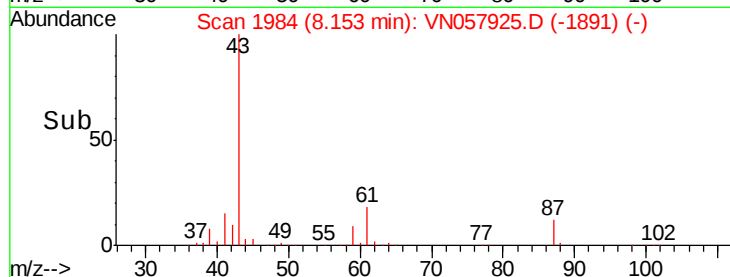
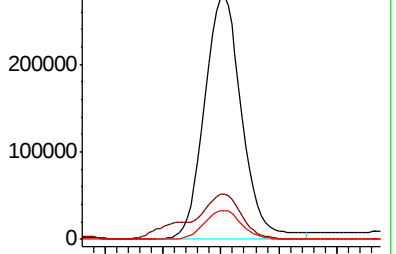
87 11.9 9.5 14.3



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

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

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



#44

Trichloroethene

Concen: 47.199 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN057925.D

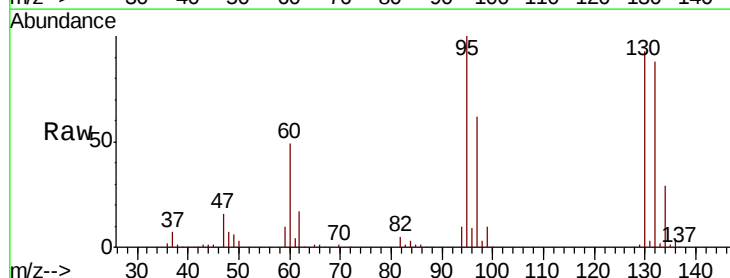
Acq: 11 Sep 2019 15:59

Tgt Ion: 130 Resp: 236127

Ion Ratio Lower Upper

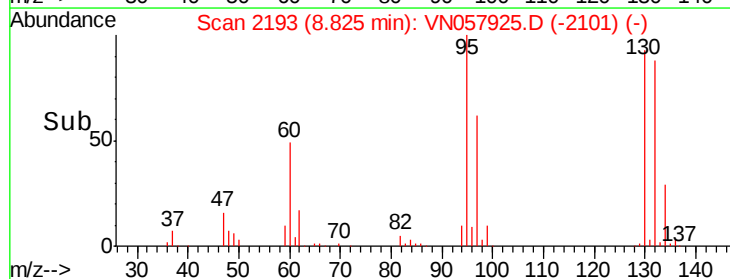
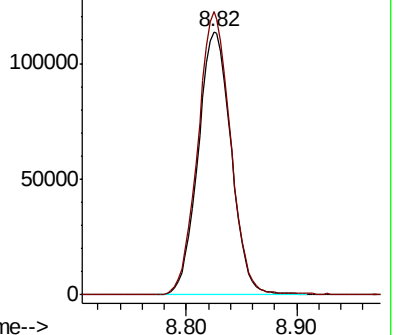
130 100

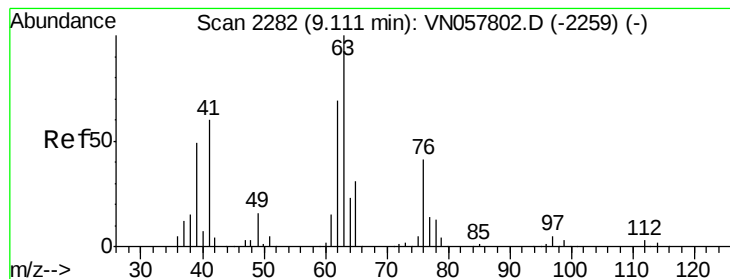
95 107.5 0.0 211.4



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

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





#45

1,2-Dichloropropane

Concen: 49.263 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

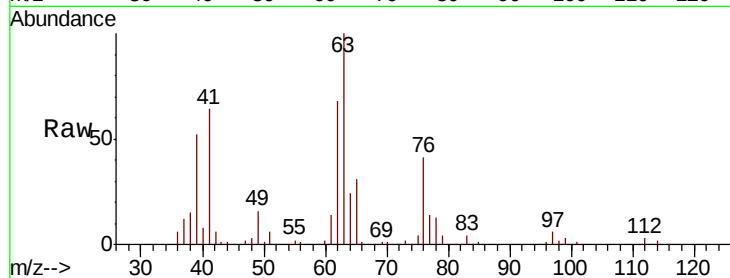
VSTDCCC050

Tgt Ion: 63 Resp: 292386

Ion Ratio Lower Upper

63 100

65 31.2 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.11

150000

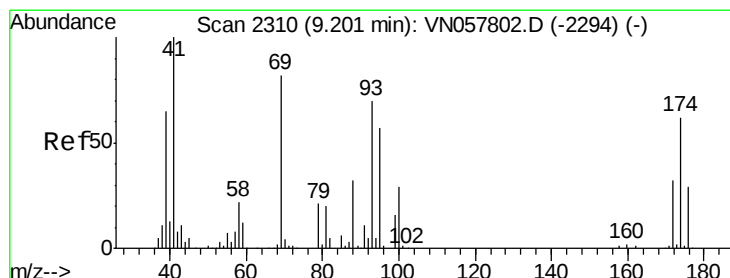
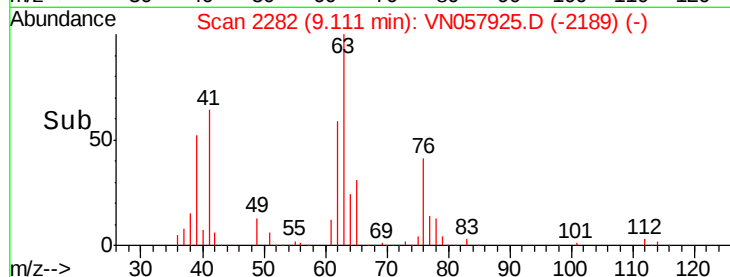
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 49.689 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

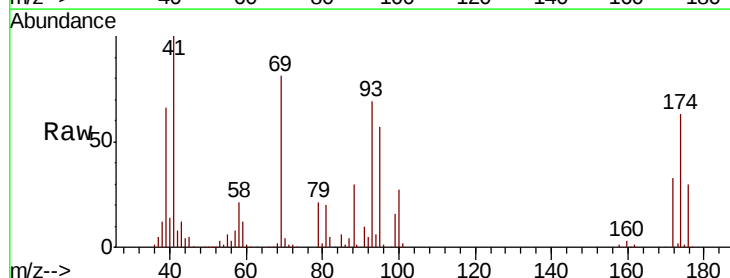
Tgt Ion: 93 Resp: 178212

Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 89.8 71.8 107.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

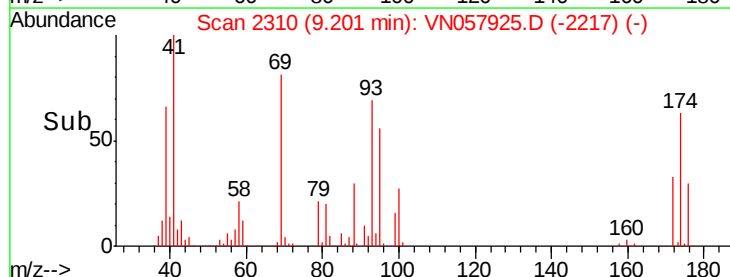
40000

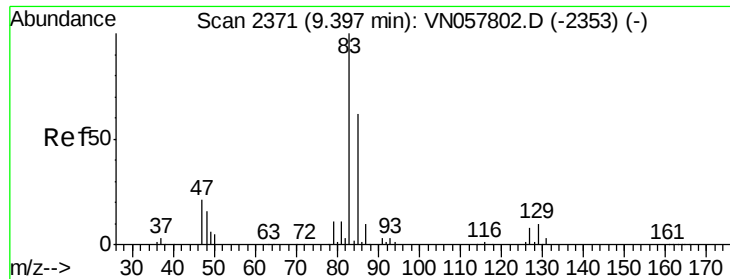
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30

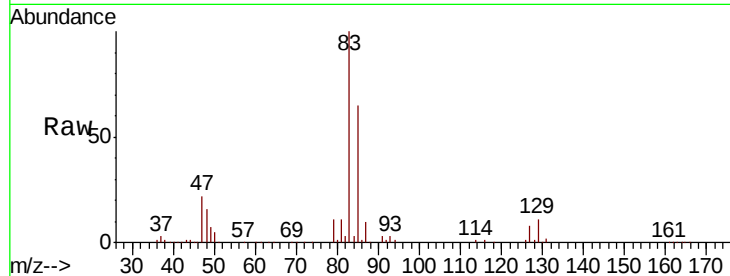




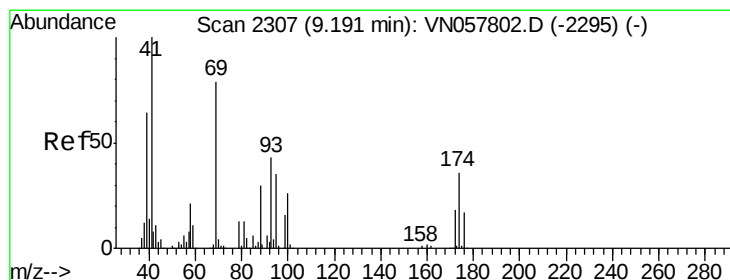
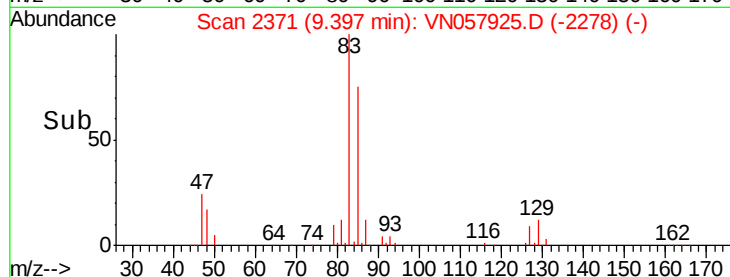
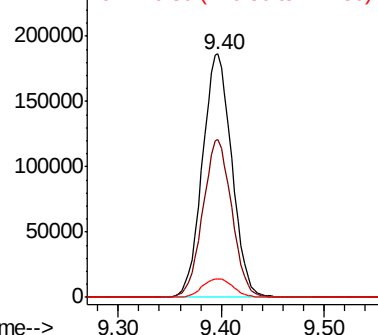
#47
Bromodichloromethane
Concen: 51.720 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 370414
Ion Ratio Lower Upper
83 100
85 64.9 49.9 74.9
127 7.8 6.5 9.7

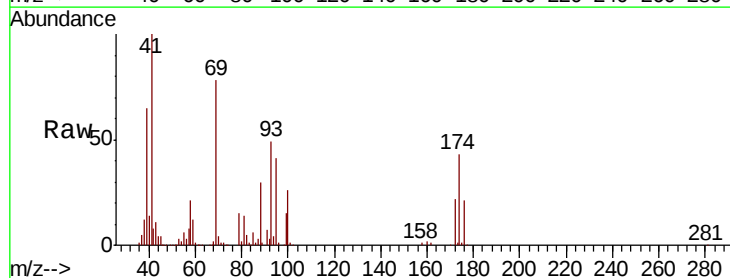


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

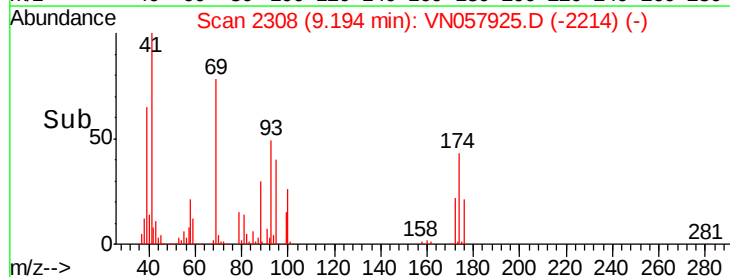
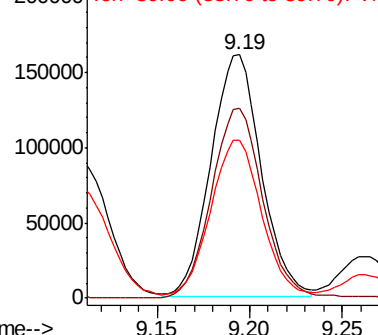


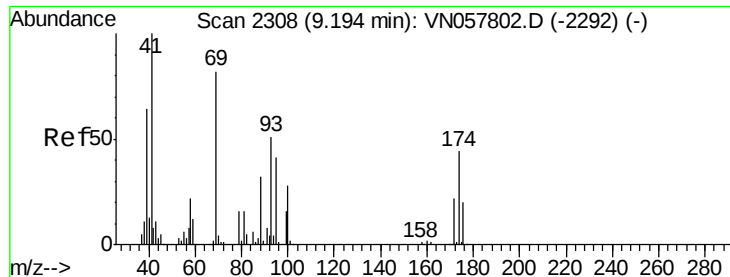
#48
Methyl methacrylate
Concen: 51.112 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 41 Resp: 305197
Ion Ratio Lower Upper
41 100
69 80.3 62.7 94.1
39 66.3 52.7 79.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

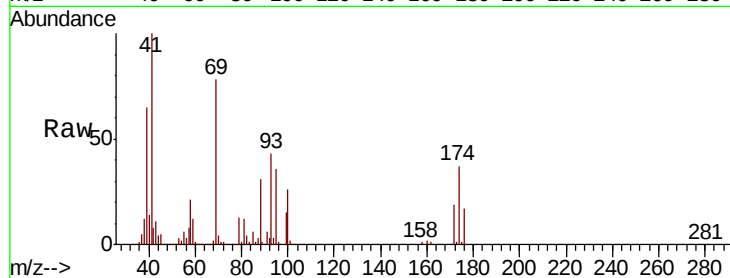




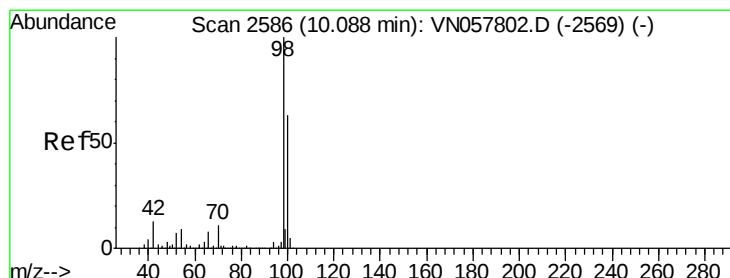
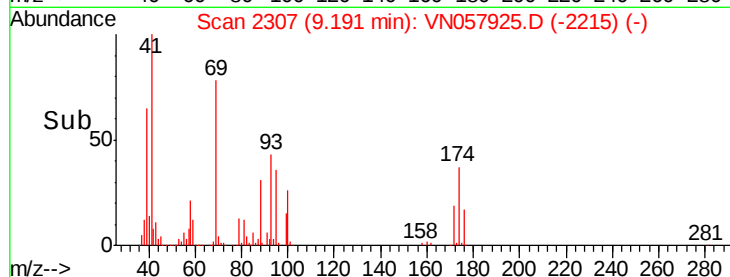
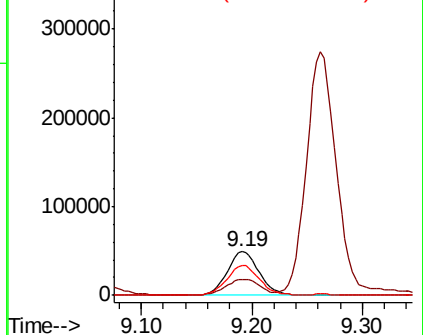
#49
1,4-Dioxane
Concen: 984.168 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 99379
Ion Ratio Lower Upper
88 100
43 37.1 28.5 42.7
58 70.0 55.8 83.6

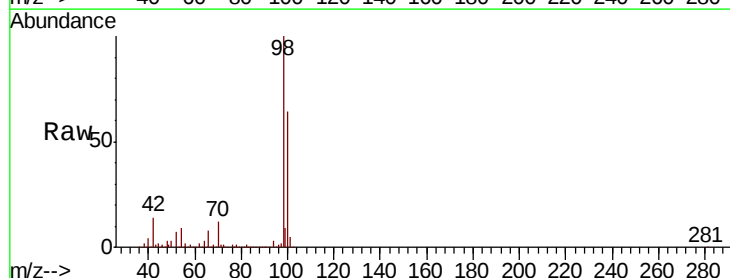


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

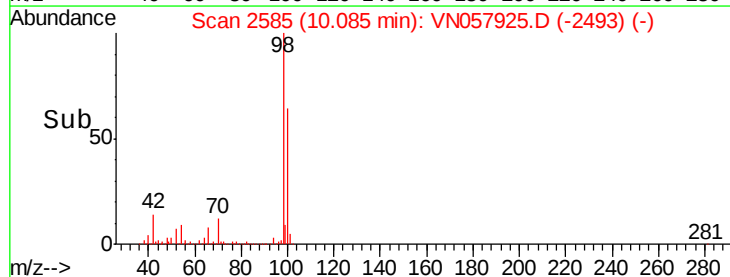
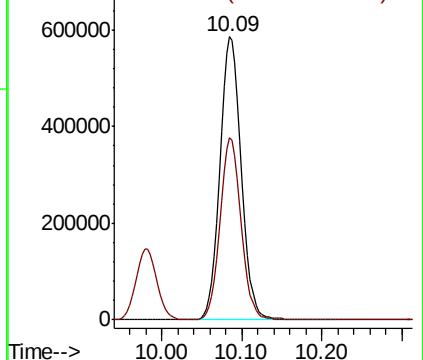


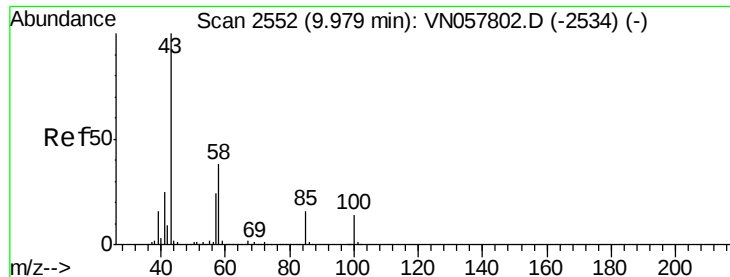
#50
Toluene-d8
Concen: 51.602 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 98 Resp: 1080210
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 285.266 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

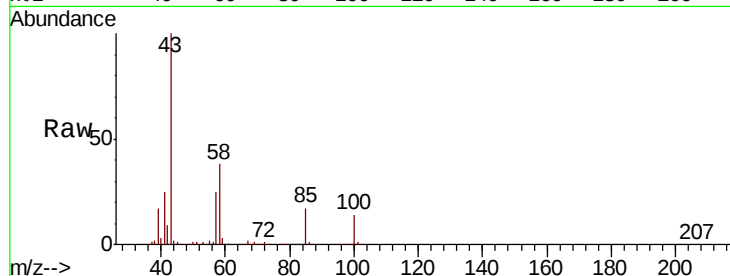
VSTDCCC050

Tgt Ion: 43 Resp: 1987130

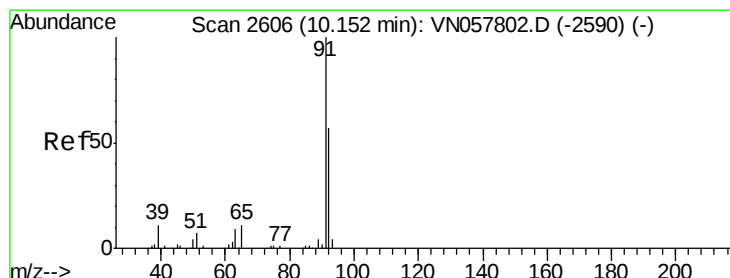
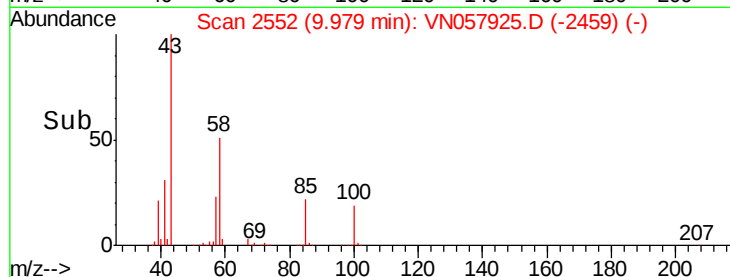
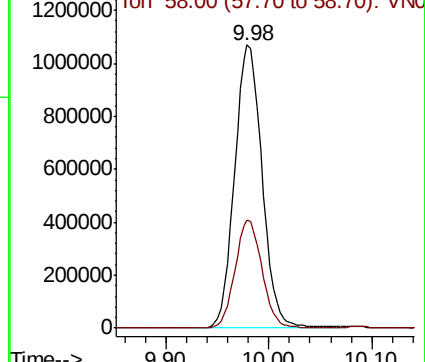
Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 49.439 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057925.D

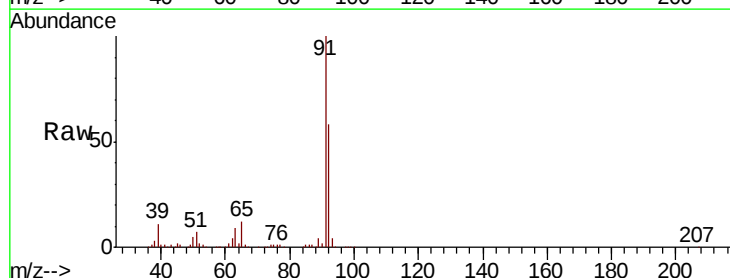
Acq: 11 Sep 2019 15:59

Tgt Ion: 92 Resp: 635122

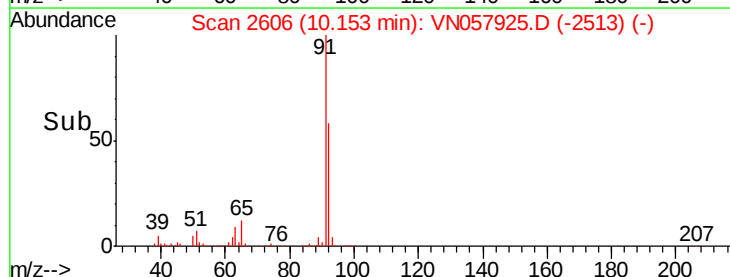
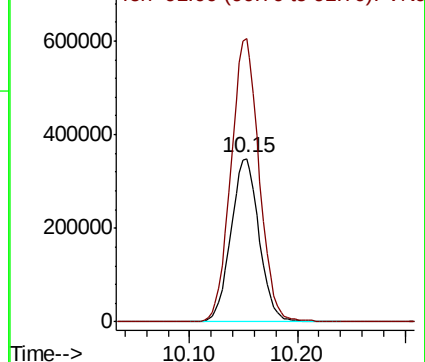
Ion Ratio Lower Upper

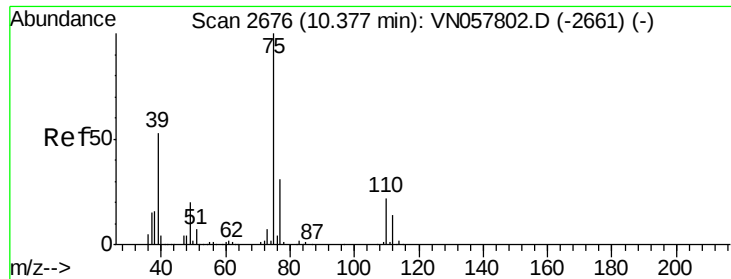
92 100

91 174.1 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

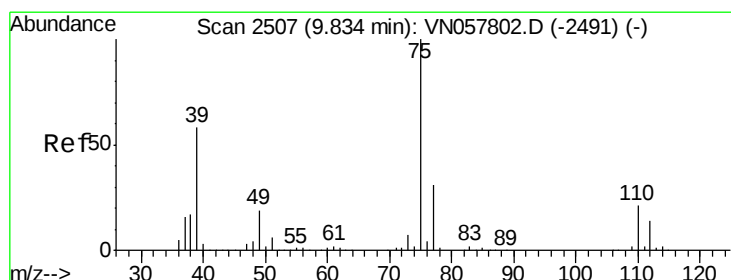
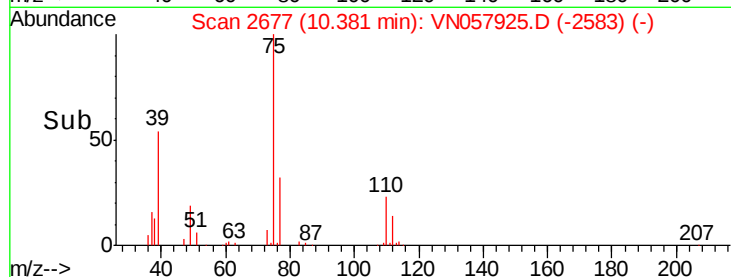
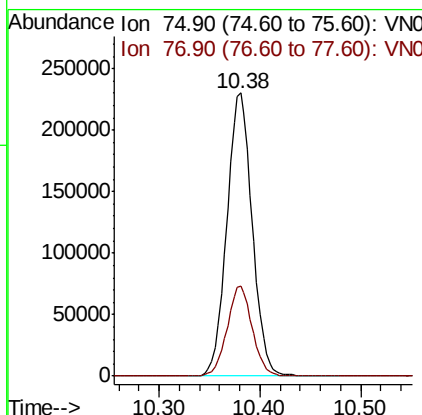
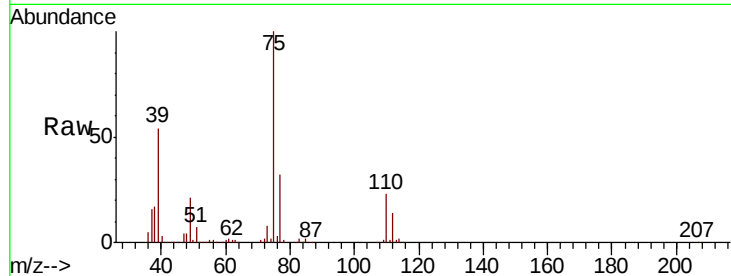




#53
t-1,3-Dichloropropene
Concen: 53.520 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

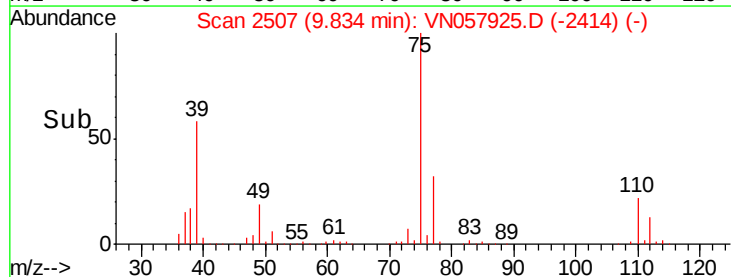
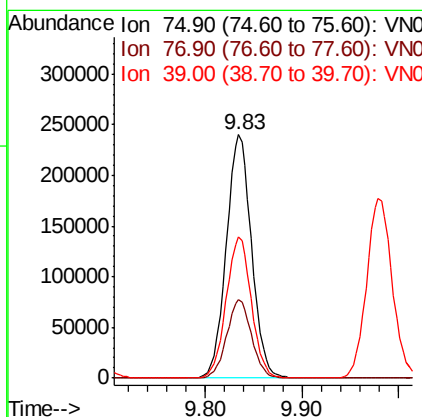
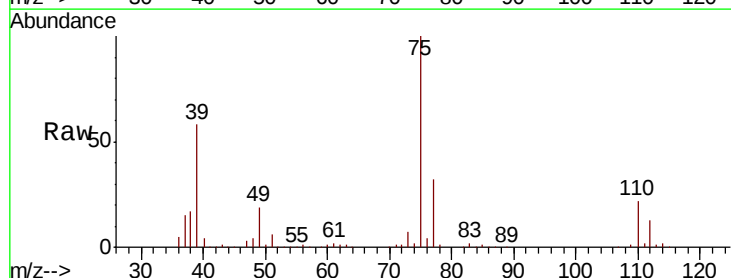
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

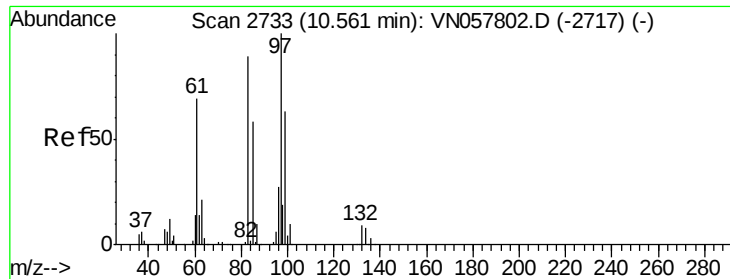
Tgt Ion: 75 Resp: 403643
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.077 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 75 Resp: 433632
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 57.7 46.2 69.4

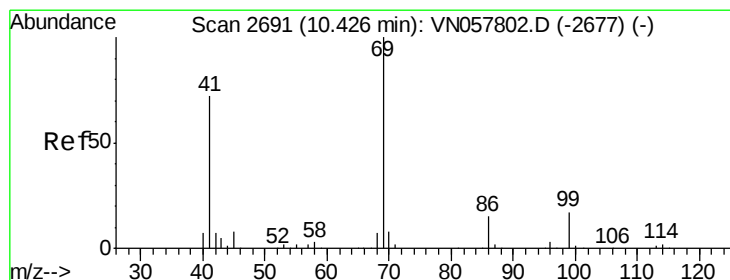
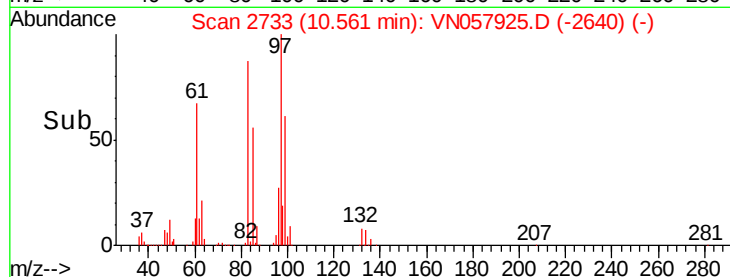
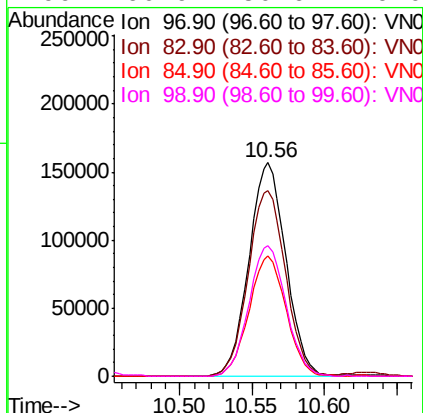
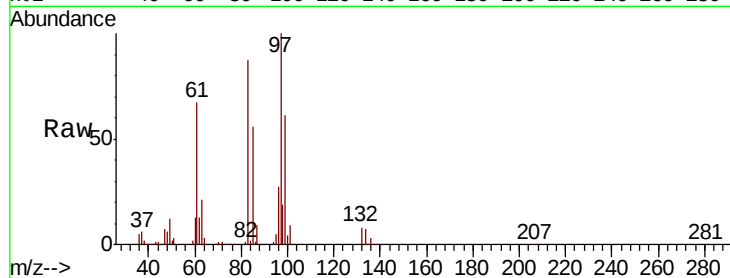




#55
 1,1,2-Trichloroethane
 Concen: 51.177 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

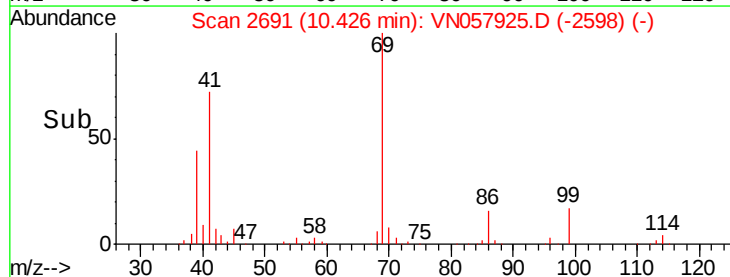
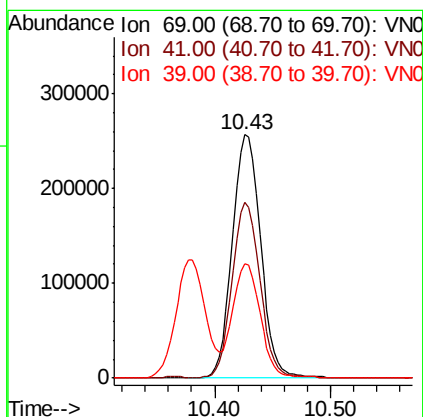
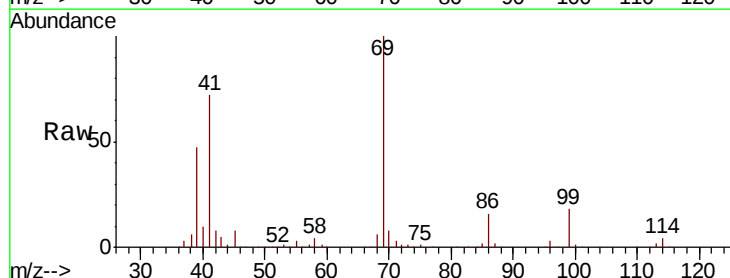
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 278494
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.8 106.2
 85 56.3 46.0 69.0
 99 60.9 50.6 76.0



#56
 Ethyl methacrylate
 Concen: 53.271 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 69 Resp: 436539
 Ion Ratio Lower Upper
 69 100
 41 70.2 56.7 85.1
 39 46.3 36.3 54.5

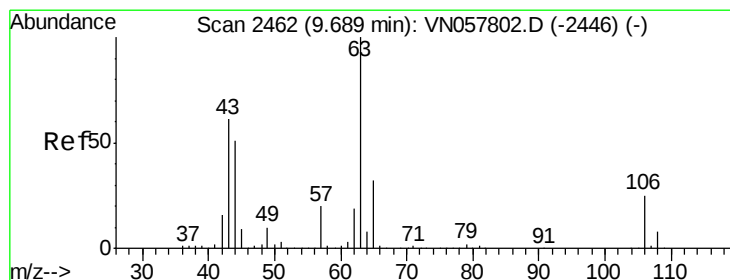
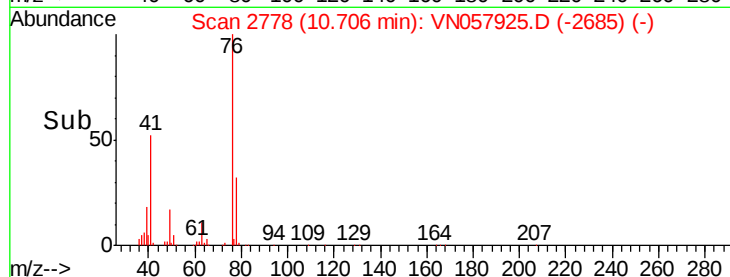
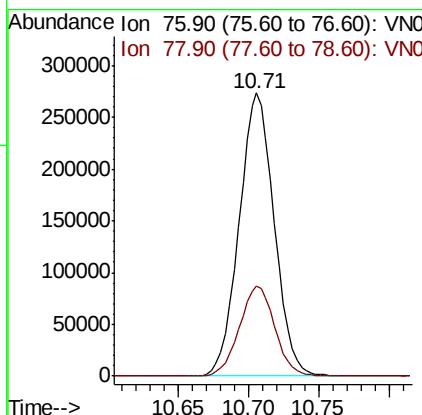
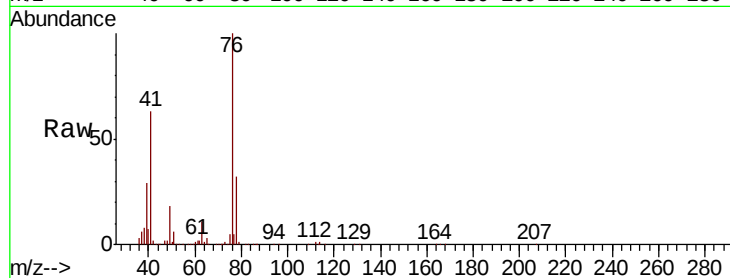




#57
 1,3-Dichloropropane
 Concen: 50.697 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

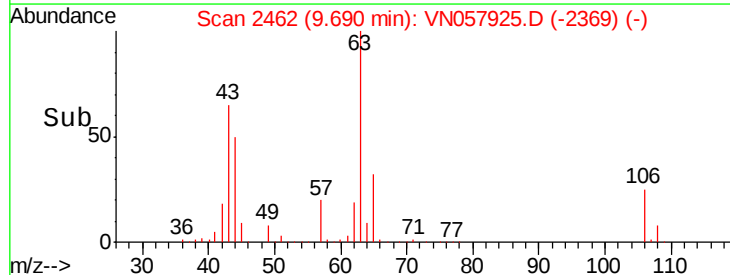
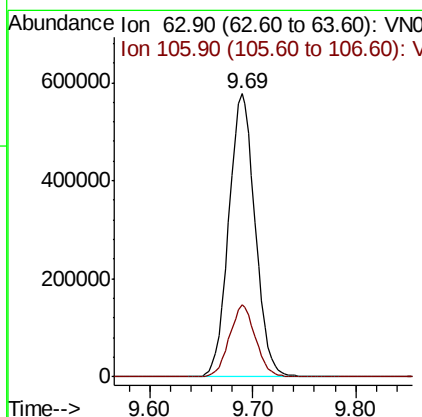
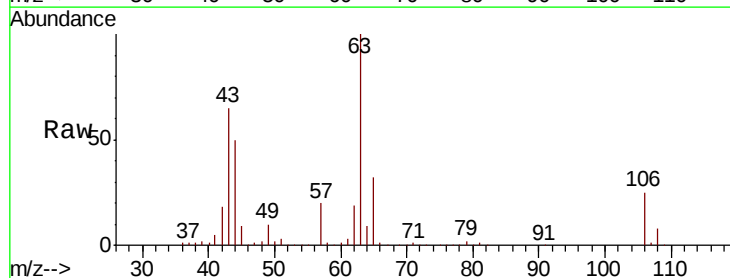
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

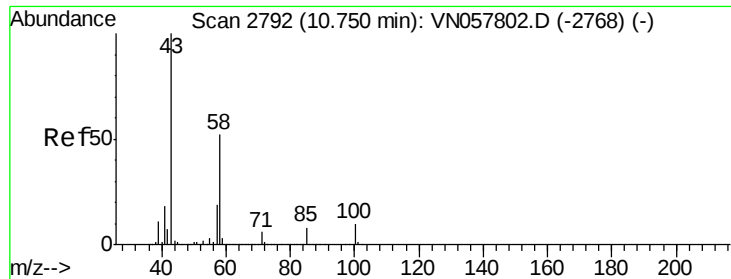
Tgt Ion: 76 Resp: 475442
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.293 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 63 Resp: 1027792
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.0 30.0

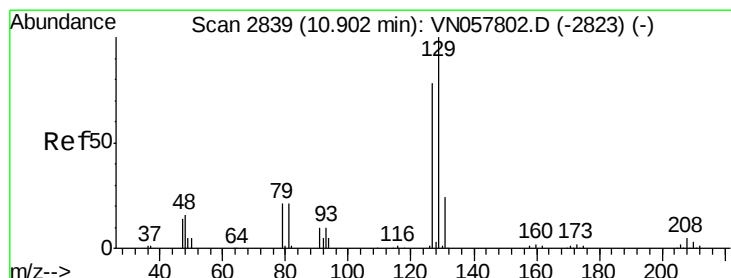
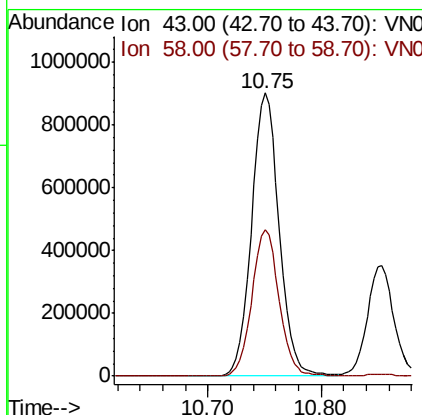
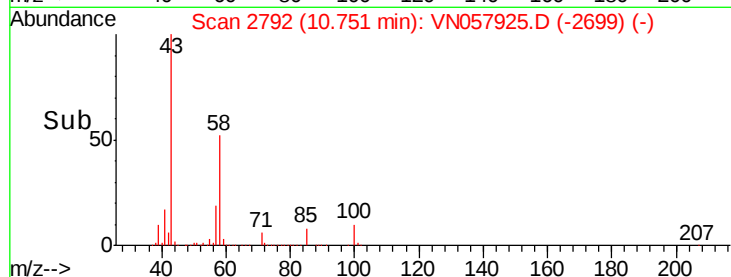
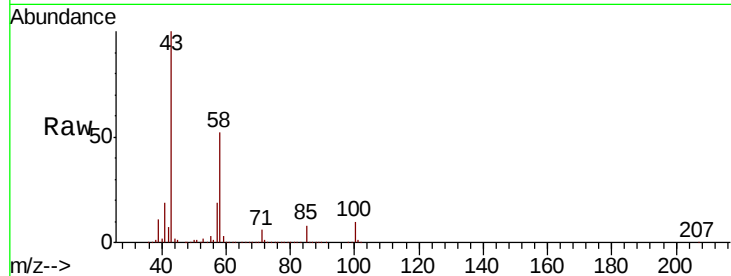




#59
2-Hexanone
Concen: 292.300 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

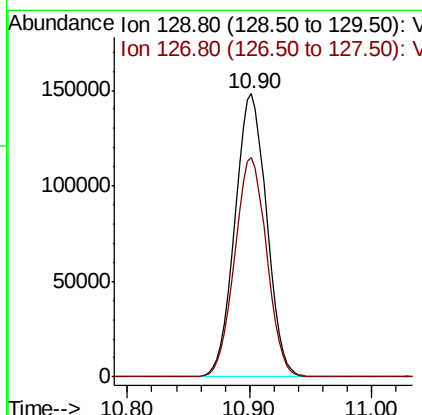
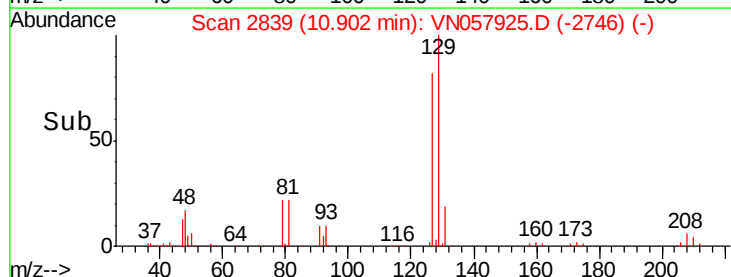
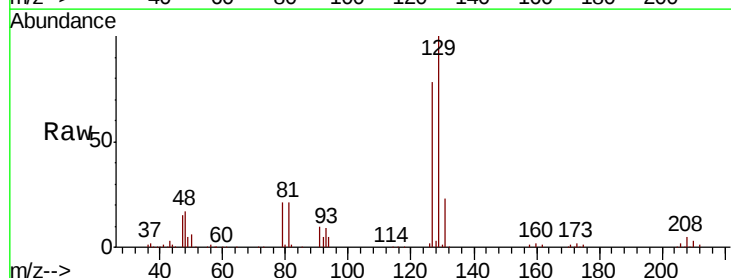
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

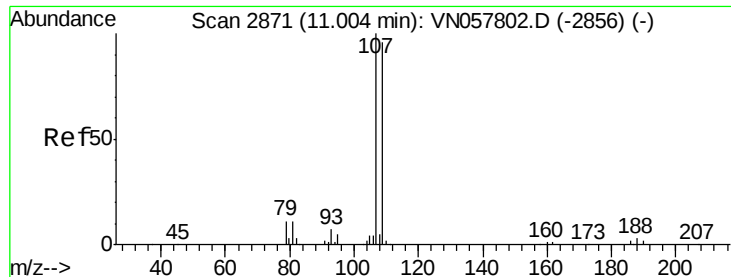
Tgt Ion: 43 Resp: 1526156
Ion Ratio Lower Upper
43 100
58 51.3 25.6 76.8



#60
Dibromochloromethane
Concen: 52.833 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 129 Resp: 266974
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0

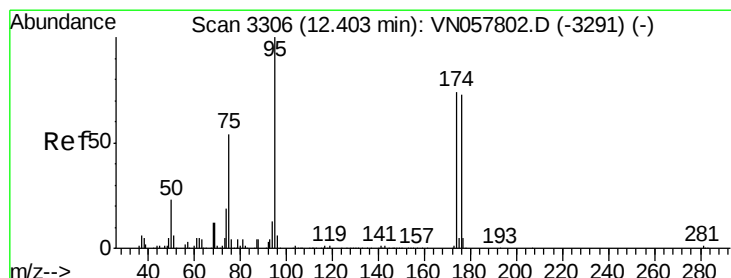
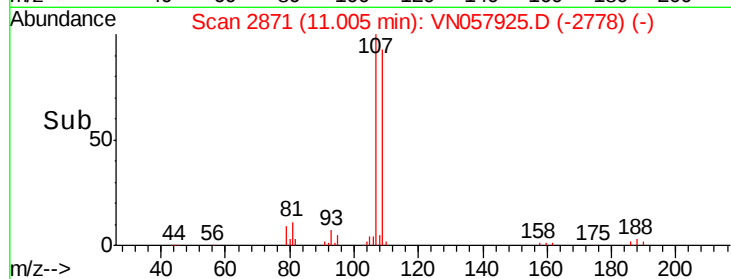
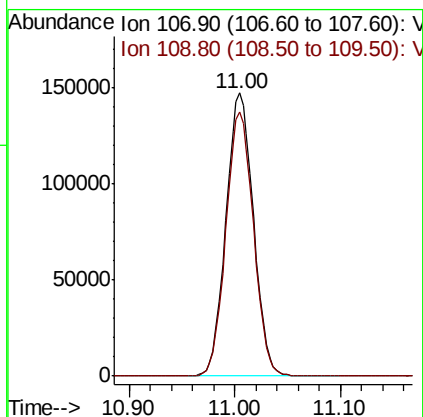
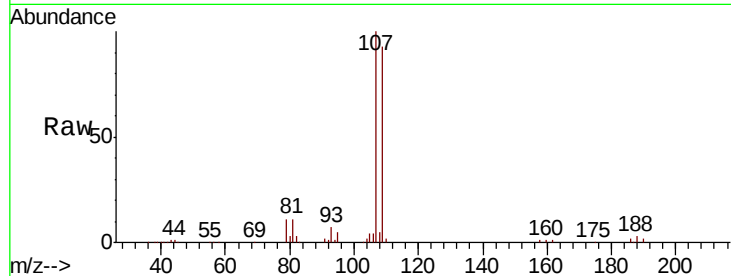




#61
 1,2-Dibromoethane
 Concen: 51.520 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

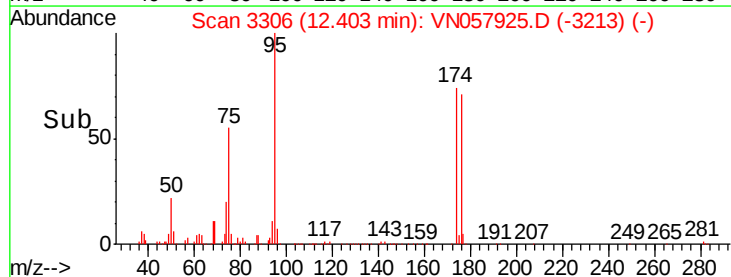
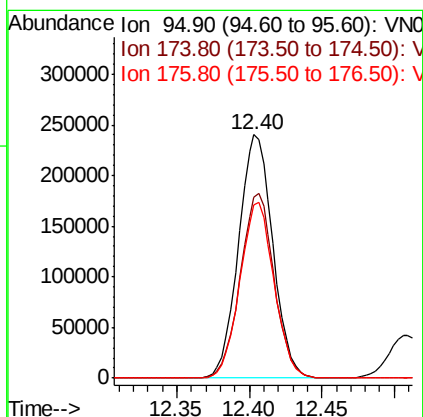
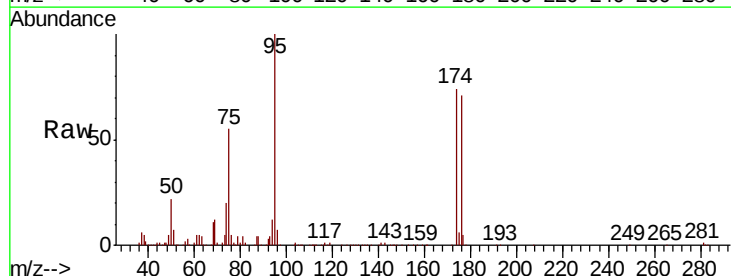
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

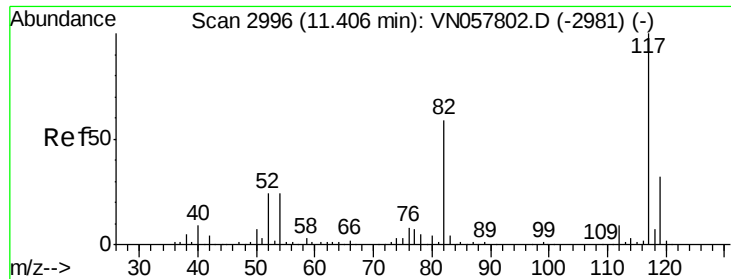
Tgt Ion: 107 Resp: 265051
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 49.378 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 95 Resp: 393912
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 150.2
 176 72.1 0.0 146.0

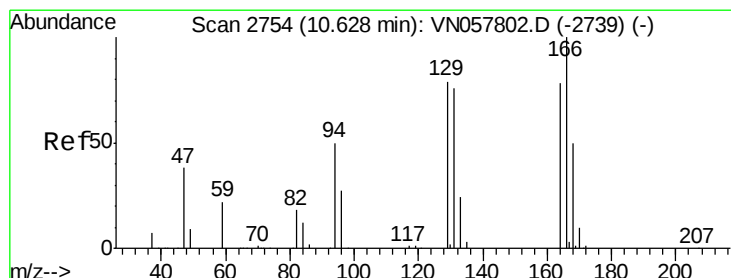
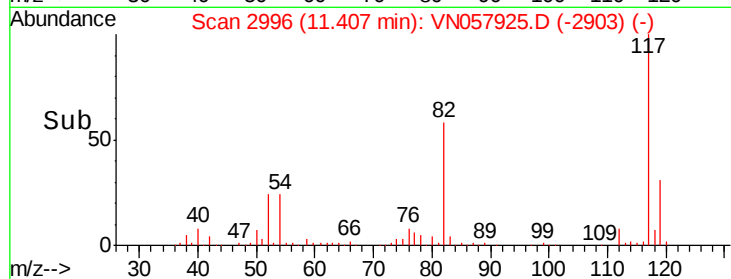
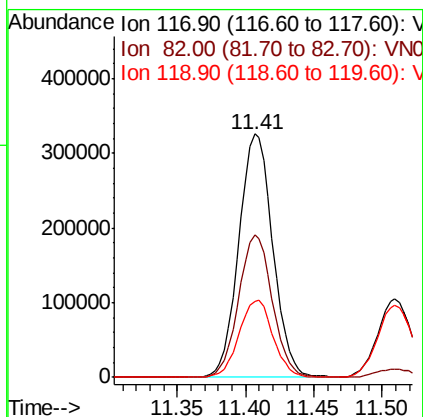
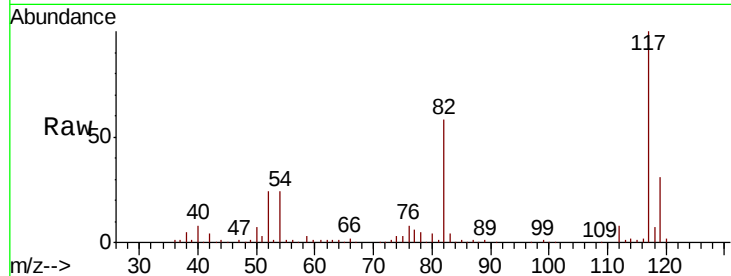




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

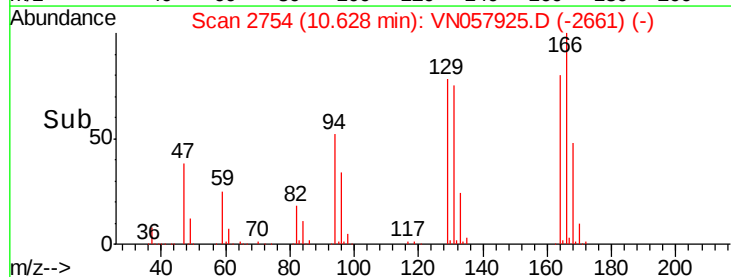
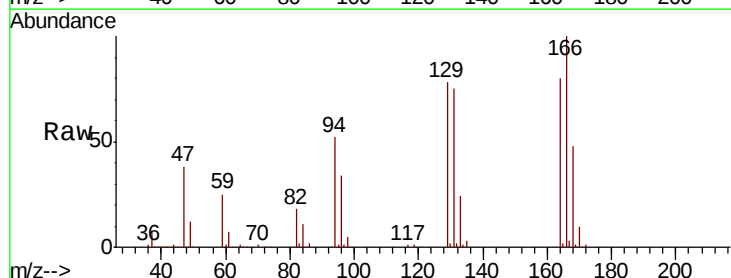
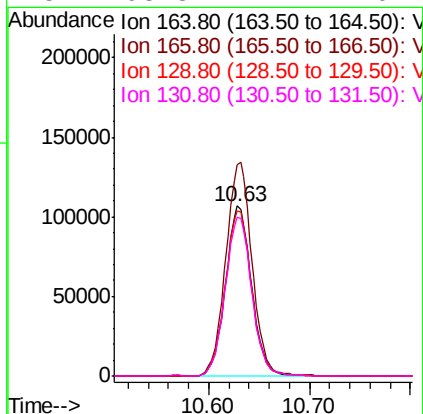
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

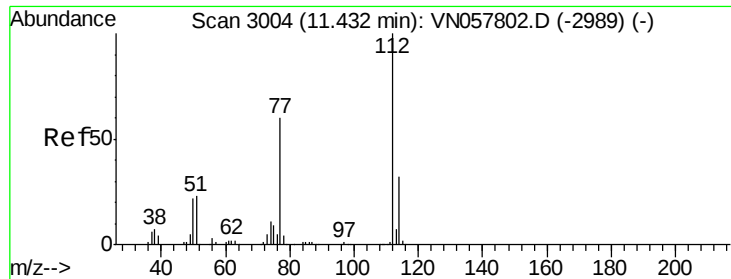
Tgt Ion:117 Resp: 563881
Ion Ratio Lower Upper
117 100
82 58.4 47.2 70.8
119 31.4 25.3 37.9



#64
Tetrachloroethene
Concen: 46.147 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion:164 Resp: 192129
Ion Ratio Lower Upper
164 100
166 124.6 102.2 153.2
129 97.5 80.8 121.2
131 93.8 77.4 116.2

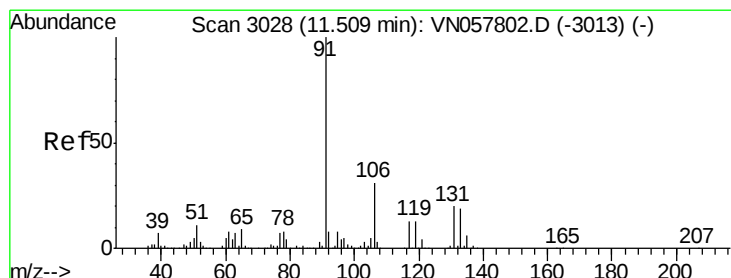
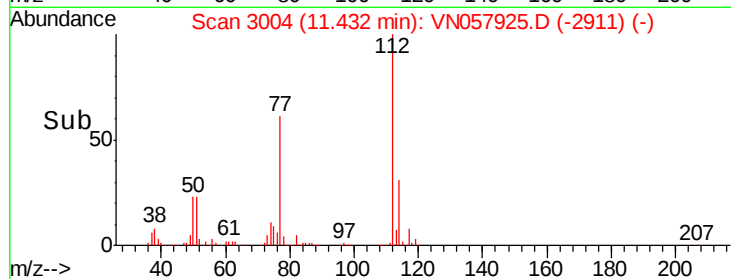
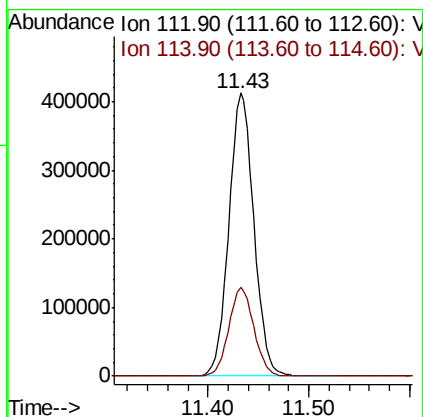
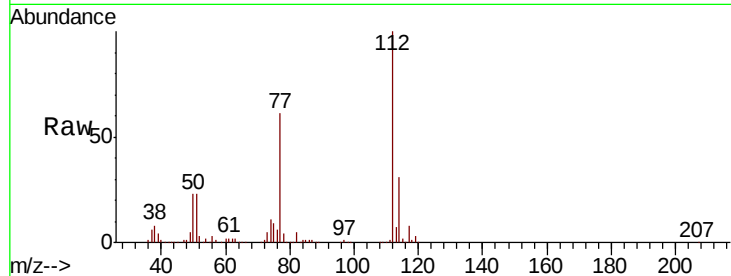




#65
Chlorobenzene
Concen: 48.194 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

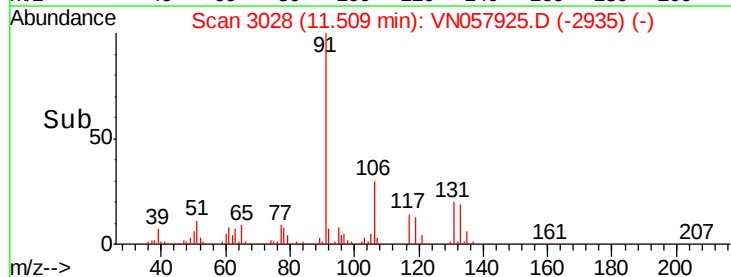
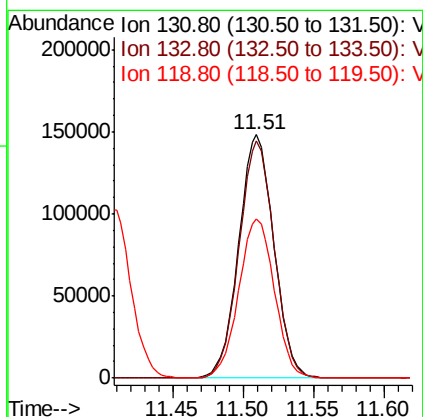
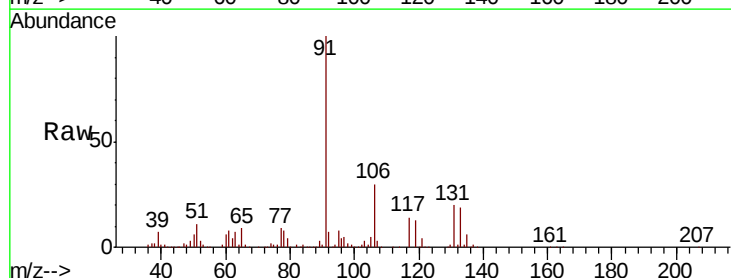
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

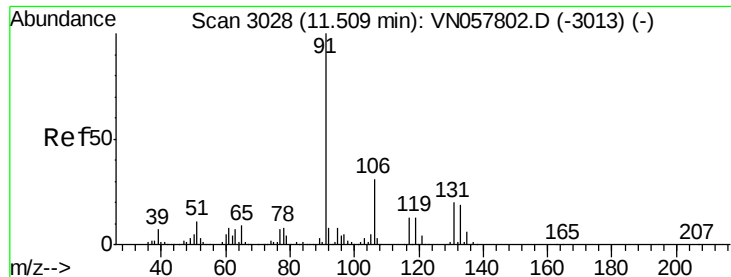
Tgt Ion:112 Resp: 711201
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.579 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion:131 Resp: 258998
Ion Ratio Lower Upper
131 100
133 97.3 47.1 141.3
119 66.3 33.3 99.8

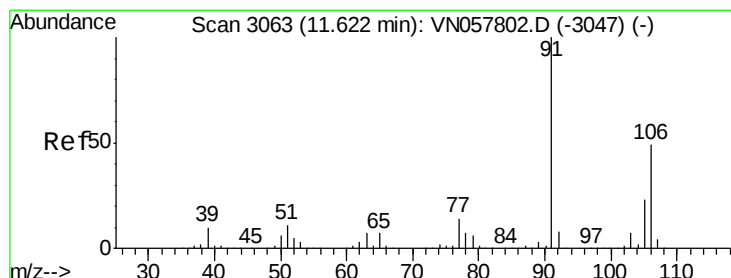
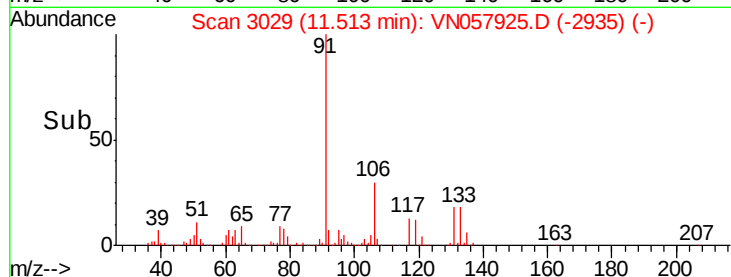
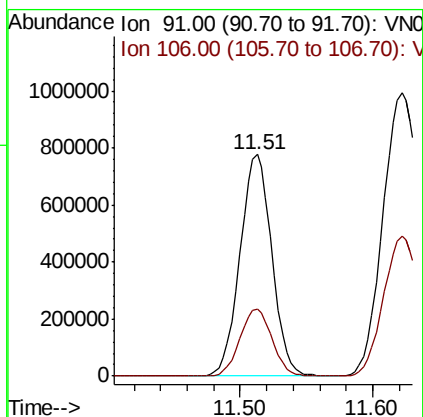
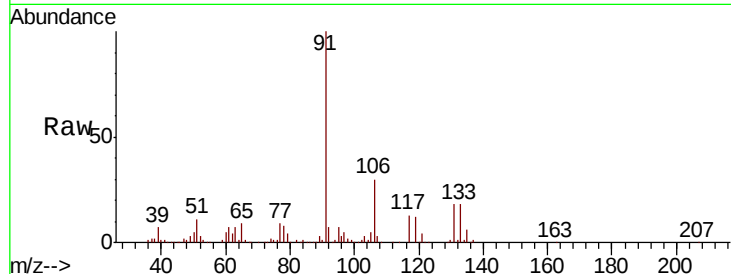




#67
Ethyl Benzene
Concen: 50.027 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

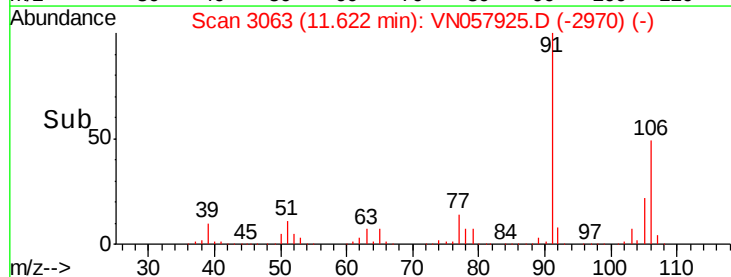
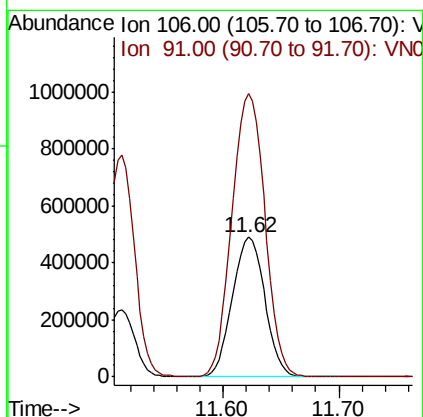
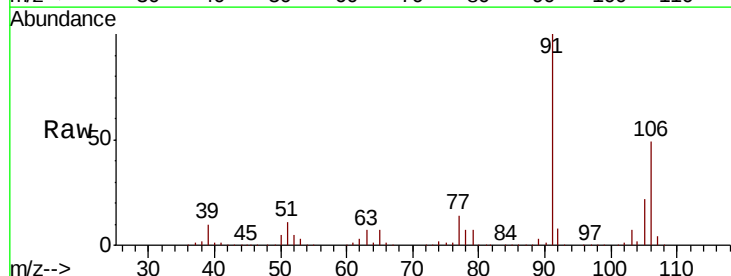
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

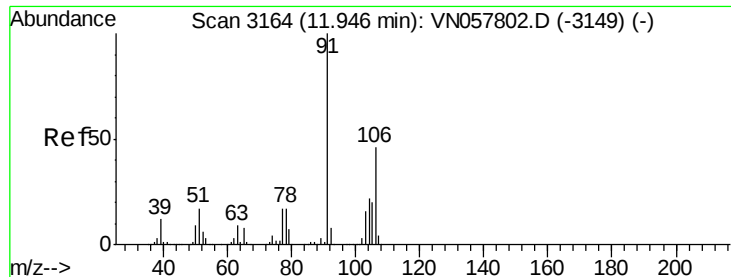
Tgt Ion: 91 Resp: 1293811
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 99.973 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 106 Resp: 947092
Ion Ratio Lower Upper
106 100
91 207.2 165.8 248.6

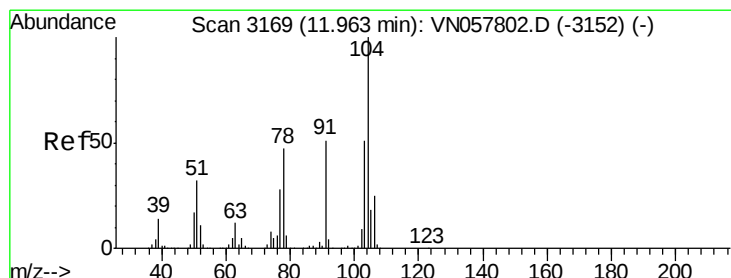
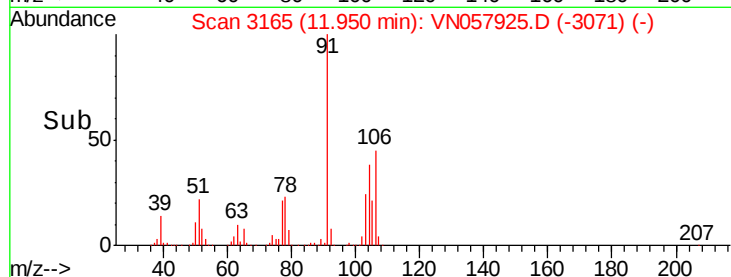
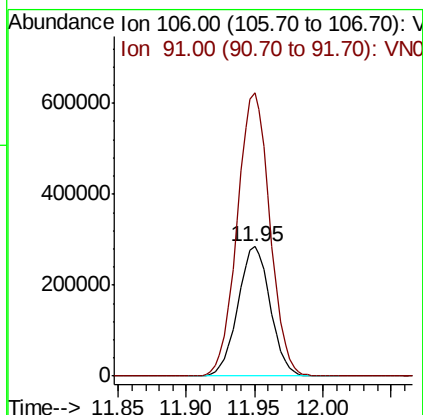
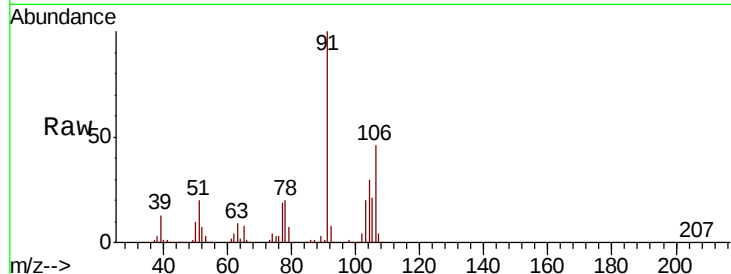




#69
o-Xylene
Concen: 49.855 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

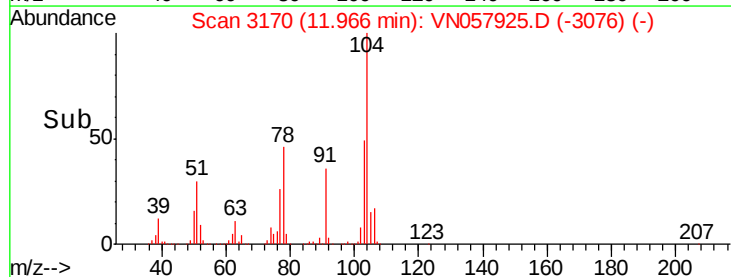
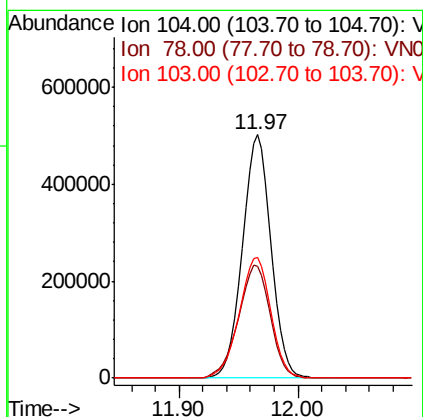
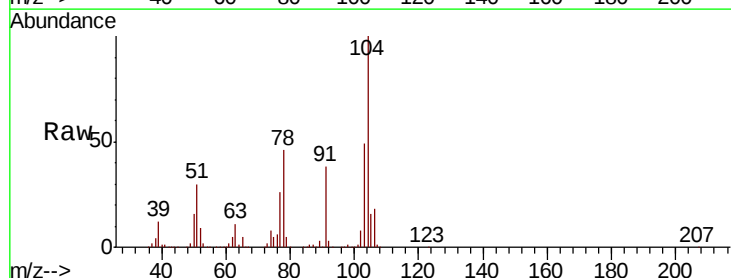
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

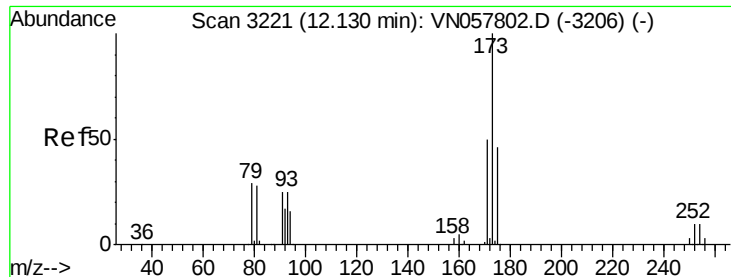
Tgt Ion:106 Resp: 469536
Ion Ratio Lower Upper
106 100
91 220.4 108.7 326.1



#70
Styrene
Concen: 51.426 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion:104 Resp: 833530
Ion Ratio Lower Upper
104 100
78 51.9 41.3 61.9
103 54.8 43.7 65.5





#71

Bromoform

Concen: 54.231 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

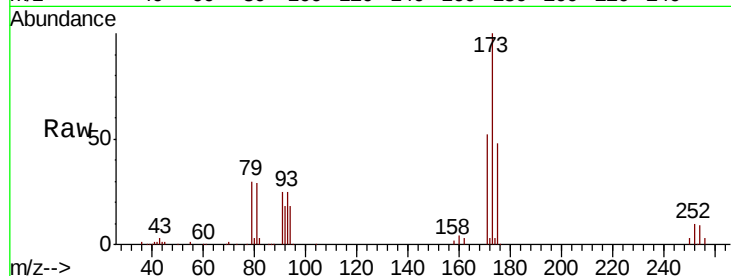
Tgt Ion:173 Resp: 173135

Ion Ratio Lower Upper

173 100

175 47.9 23.5 70.6

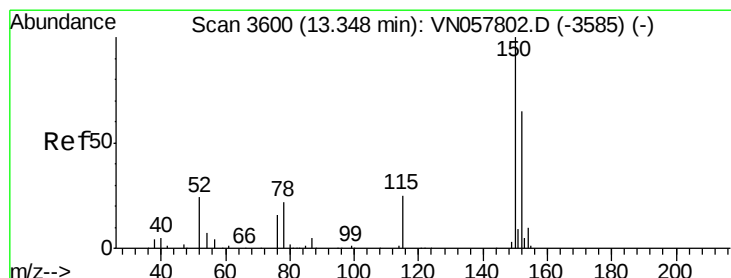
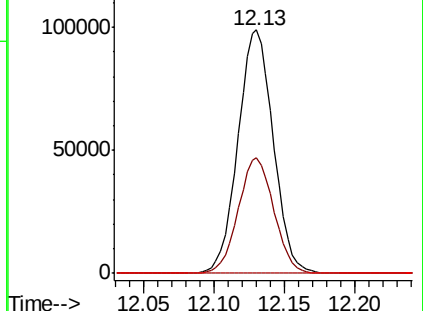
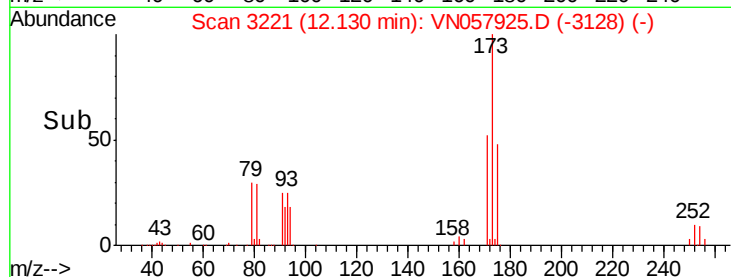
254 0.0 0.1 0.1#



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# 3600

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

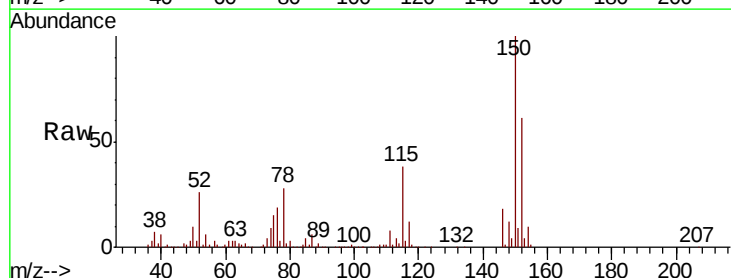
Tgt Ion:152 Resp: 338570

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

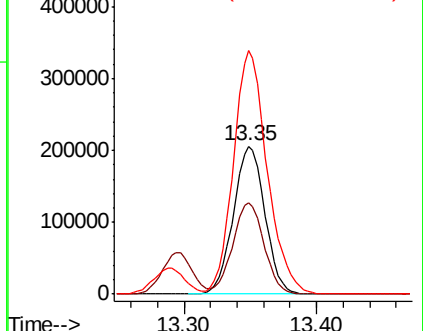
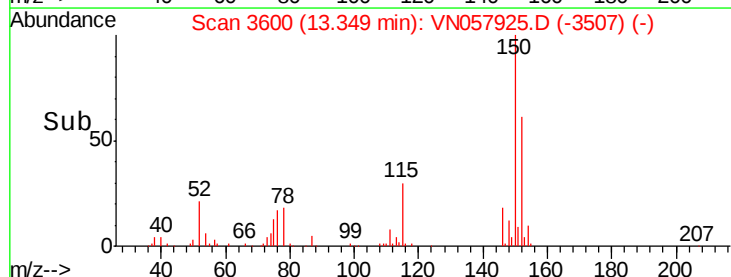
150 176.5 0.0 352.4

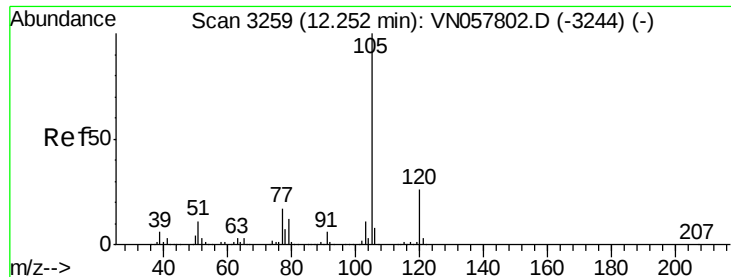


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.232 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

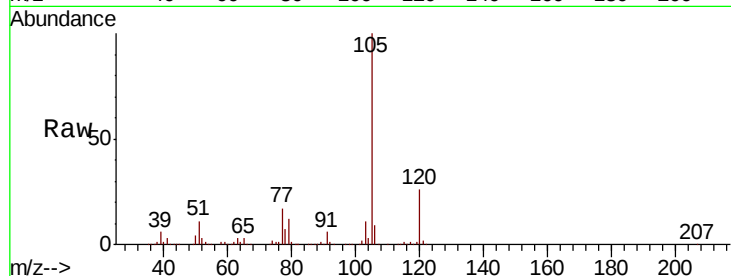
VSTDCCC050

Tgt Ion: 105 Resp: 1319688

Ion Ratio Lower Upper

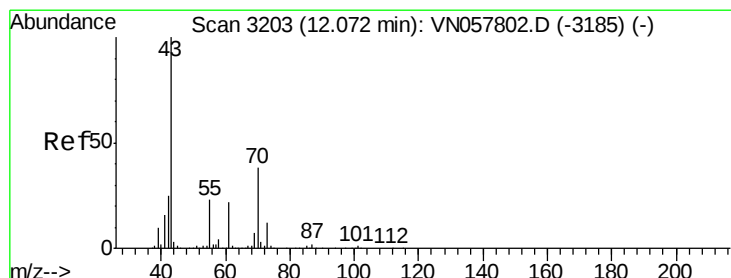
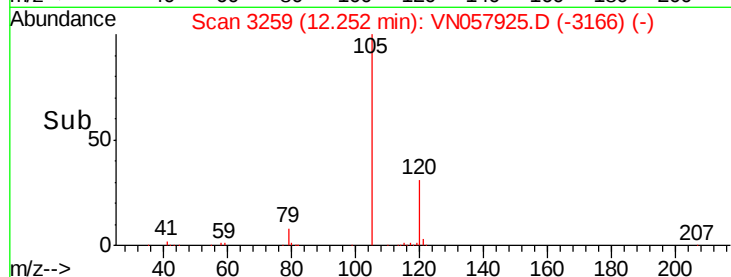
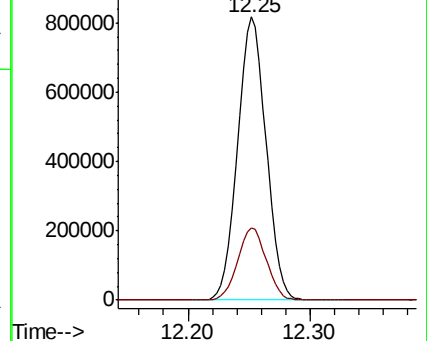
105 100

120 25.7 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.090 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Tgt Ion: 43 Resp: 607008

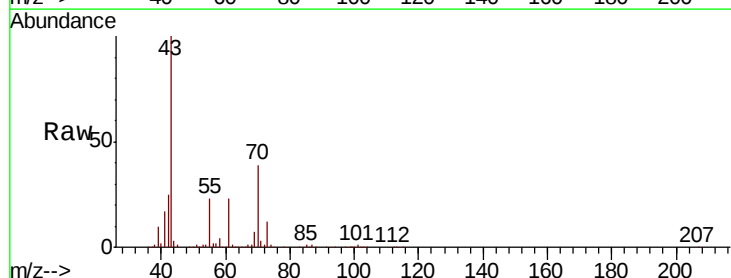
Ion Ratio Lower Upper

43 100

70 39.6 30.6 45.8

55 23.1 18.6 27.8

61 22.8 17.4 26.2

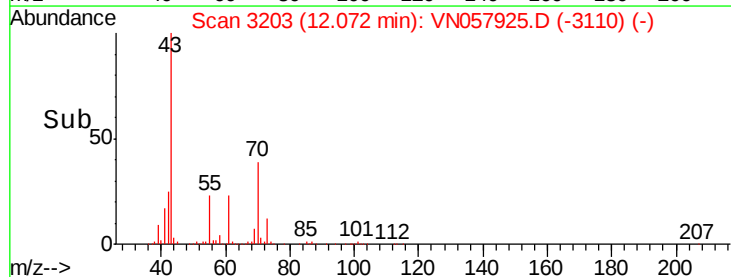
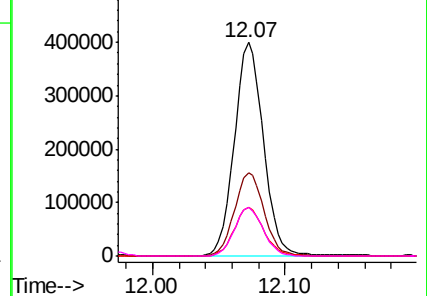


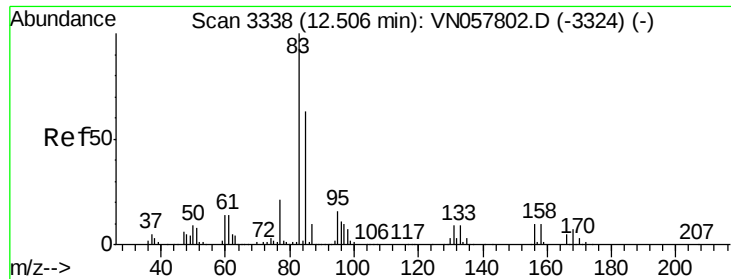
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.644 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

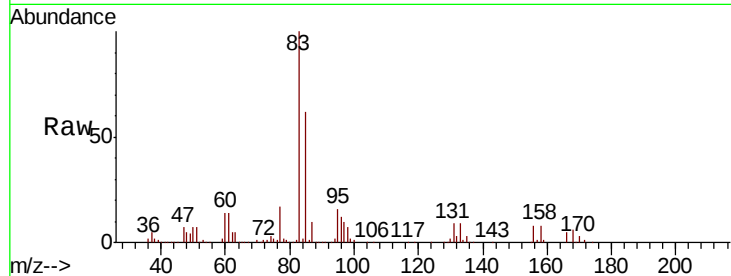
Tgt Ion: 83 Resp: 439137

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.3

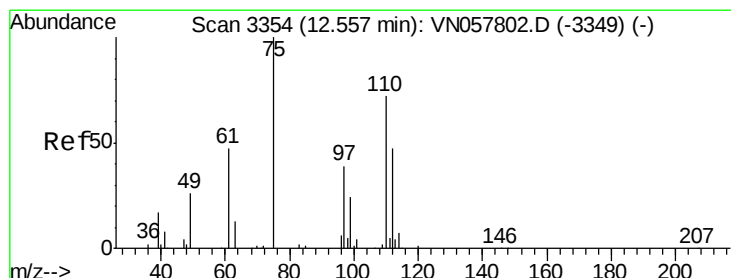
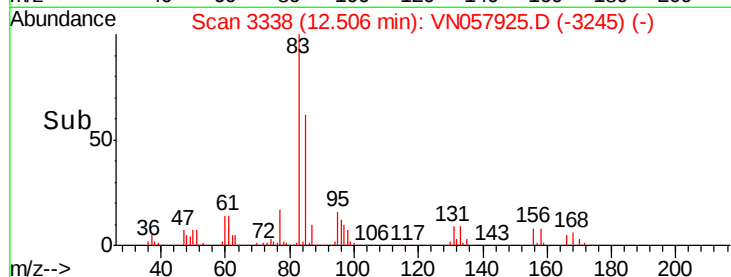
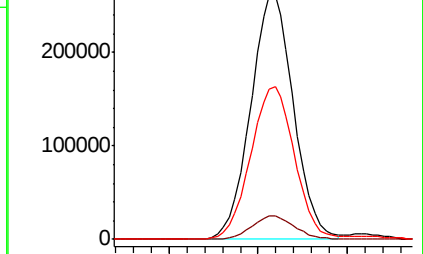
85 63.9 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN057802.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN057802.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN057802.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 70.777 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057925.D

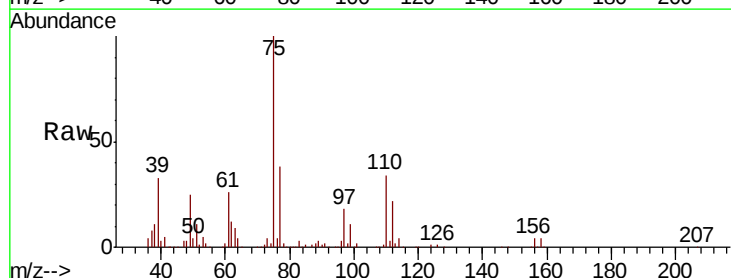
Acq: 11 Sep 2019 15:59

Tgt Ion: 75 Resp: 542084

Ion Ratio Lower Upper

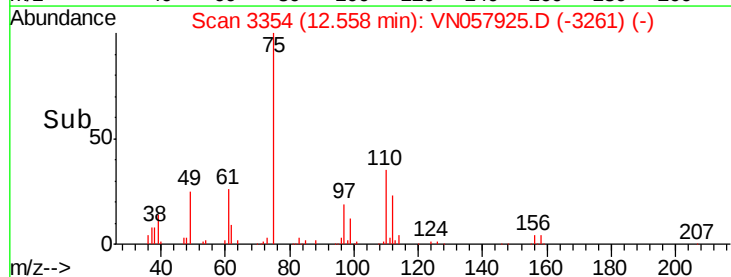
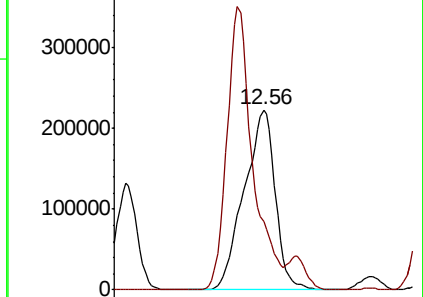
75 100

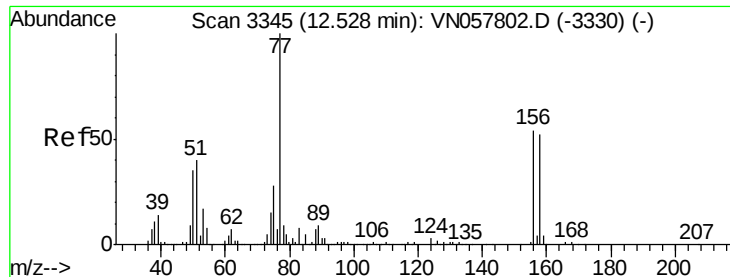
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057802.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN057802.D (-3349) (-)





#77

Bromobenzene

Concen: 46.631 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

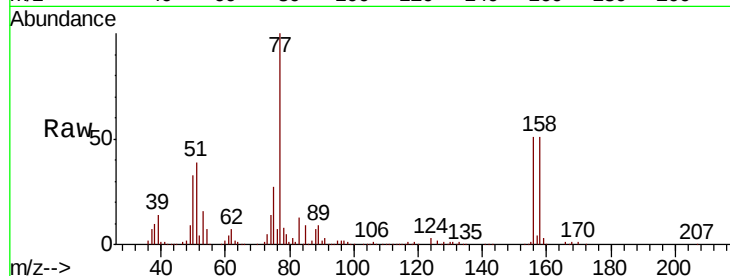
Tgt Ion:156 Resp: 305440

Ion Ratio Lower Upper

156 100

77 230.3 113.7 341.1

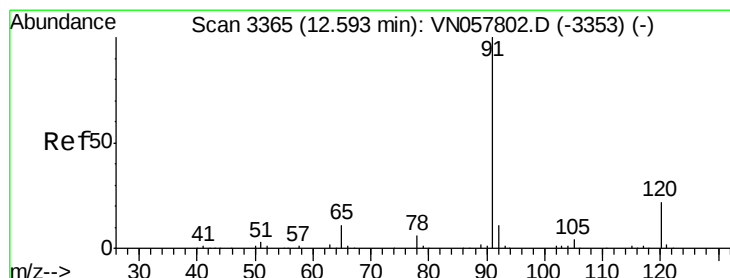
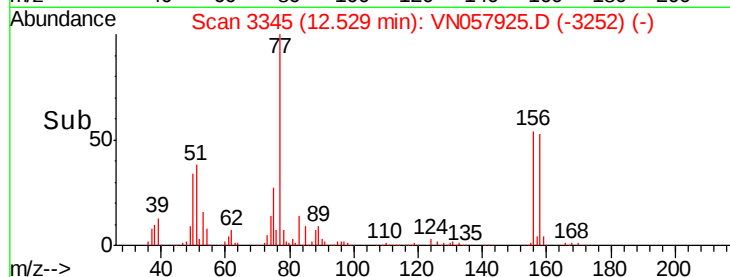
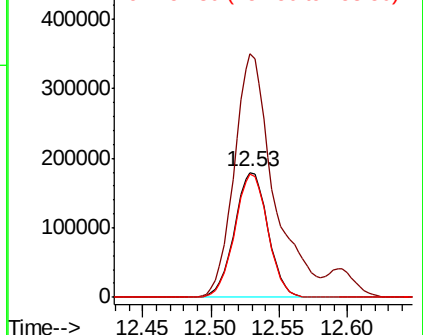
158 98.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.795 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057925.D

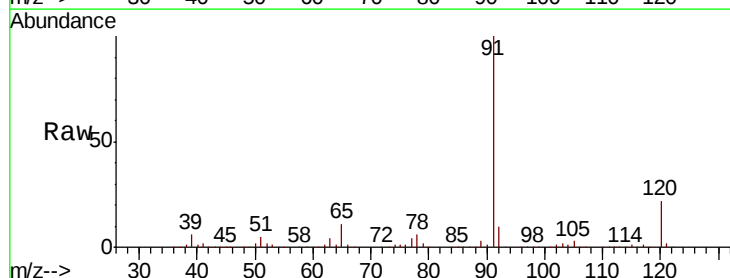
Acq: 11 Sep 2019 15:59

Tgt Ion: 91 Resp: 1562553

Ion Ratio Lower Upper

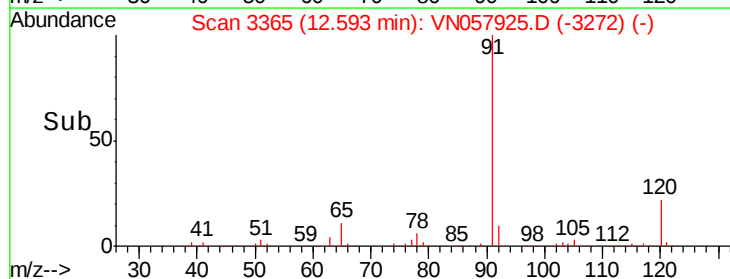
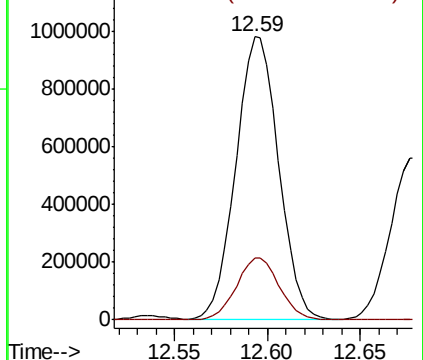
91 100

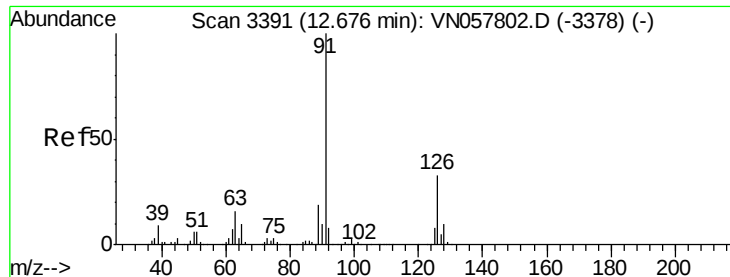
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.156 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

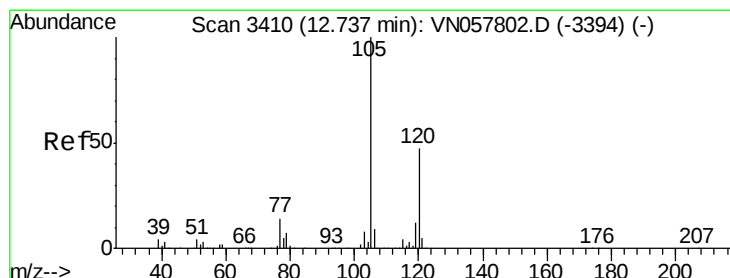
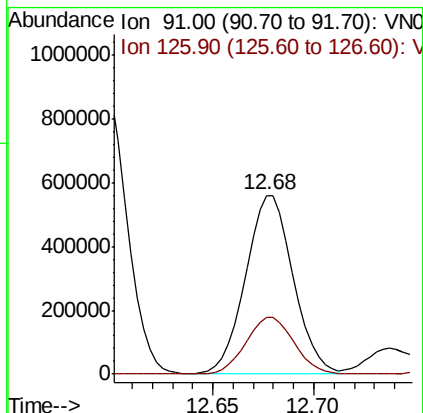
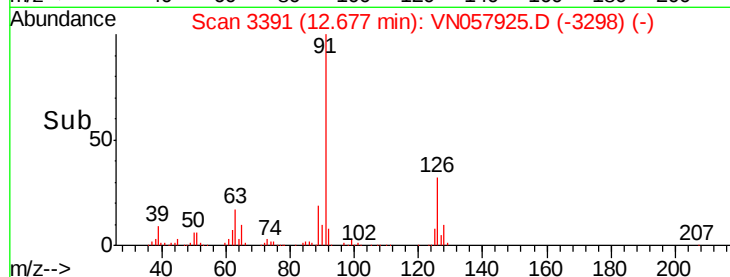
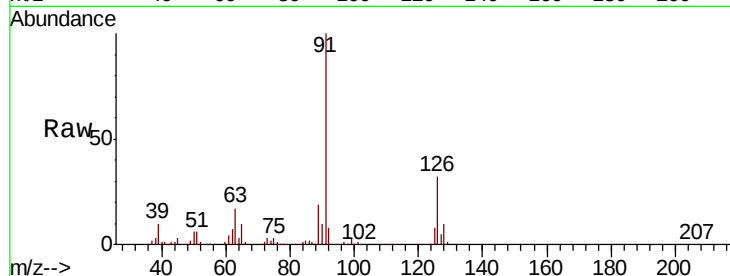
VSTDCCC050

Tgt Ion: 91 Resp: 918205

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 51.617 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057925.D

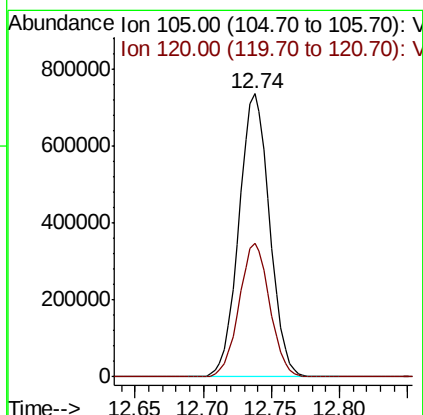
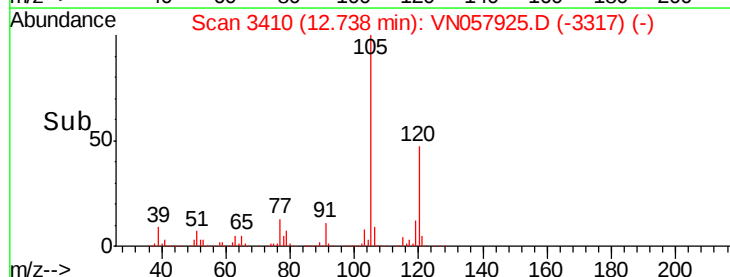
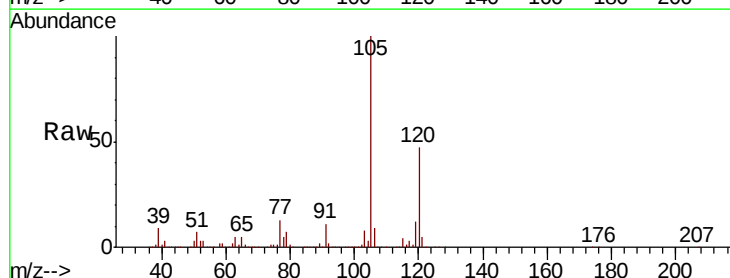
Acq: 11 Sep 2019 15:59

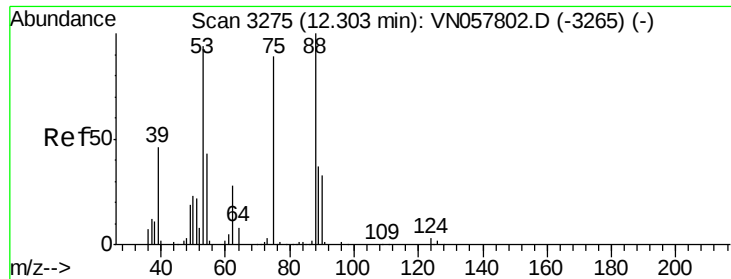
Tgt Ion: 105 Resp: 1145810

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 53.892 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

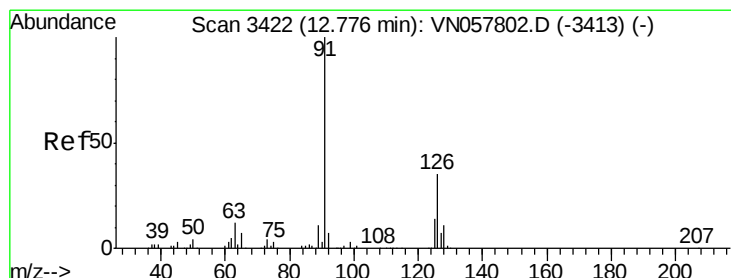
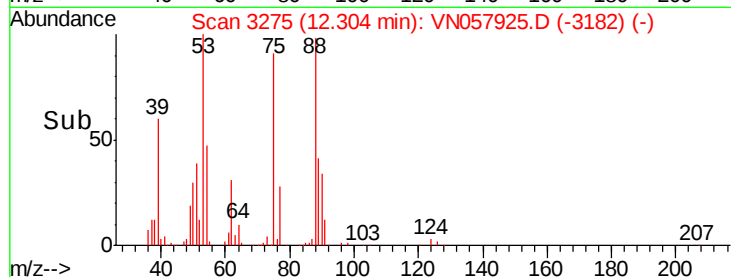
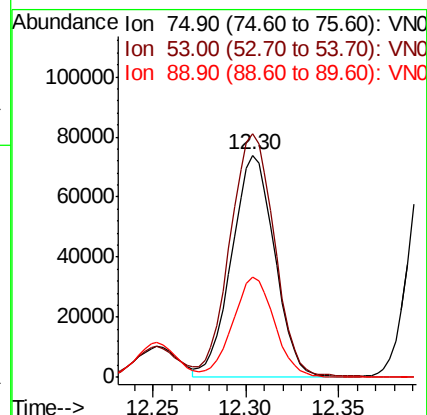
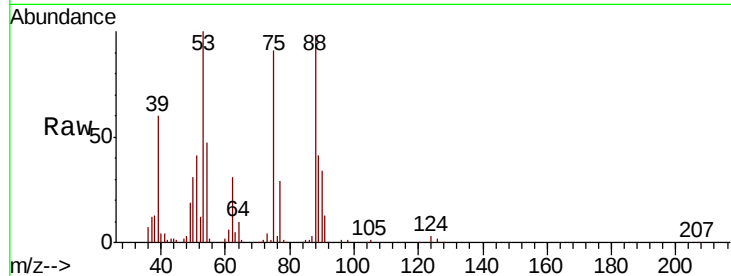
MSVOA_N

ClientSampled :

VSTDCCC050

Tgt Ion: 75 Resp: 117295

Ion	Ratio	Lower	Upper
75	100		
53	115.3	88.4	132.6
89	44.5	35.3	52.9



#82

4-Chlorotoluene

Concen: 49.310 ug/l

RT: 12.78 min Scan# 3422

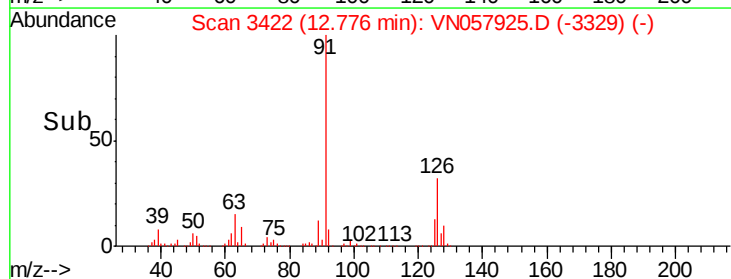
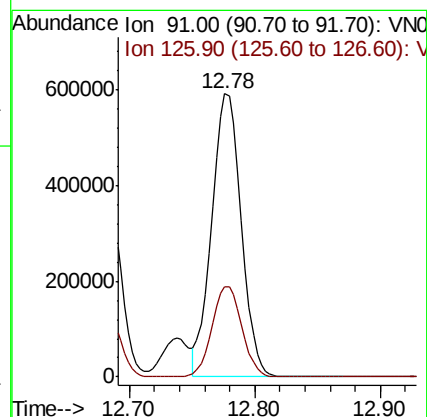
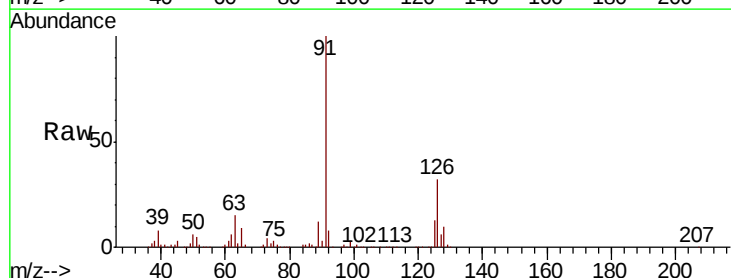
Delta R.T. 0.00 min

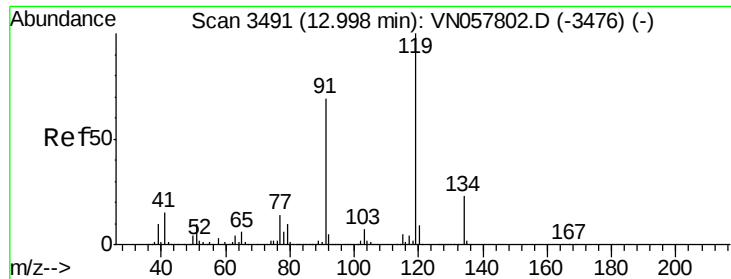
Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Tgt Ion: 91 Resp: 965526

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.0	48.0

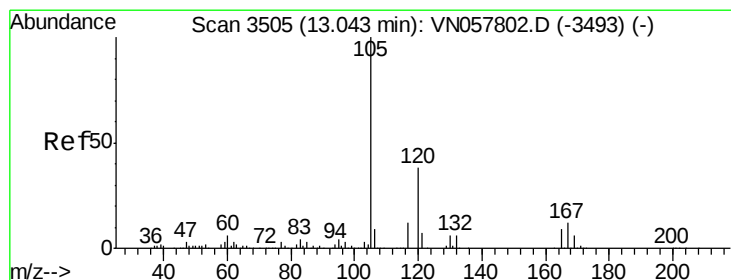
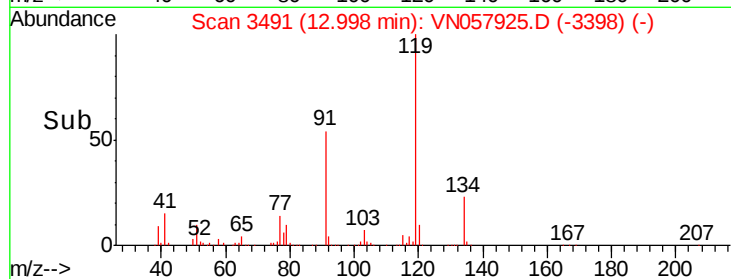
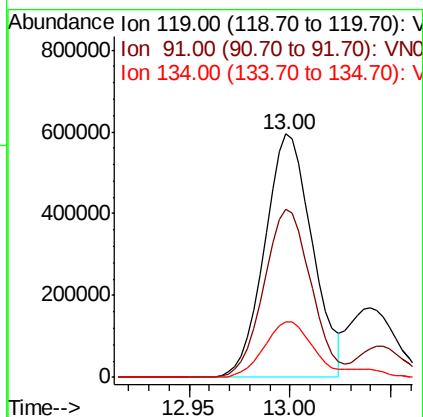
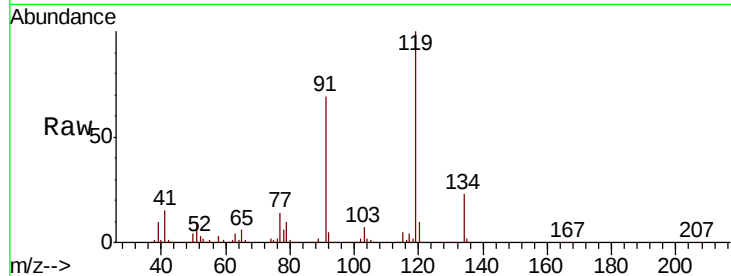




#83
 tert-Butylbenzene
 Concen: 49.447 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

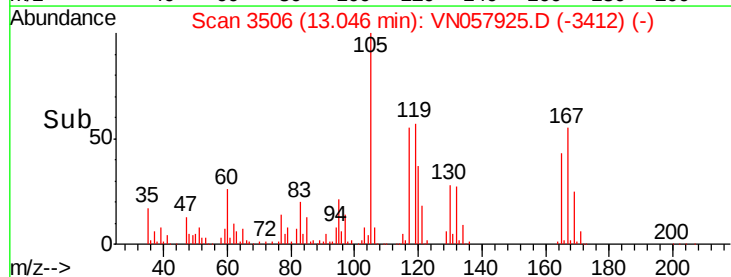
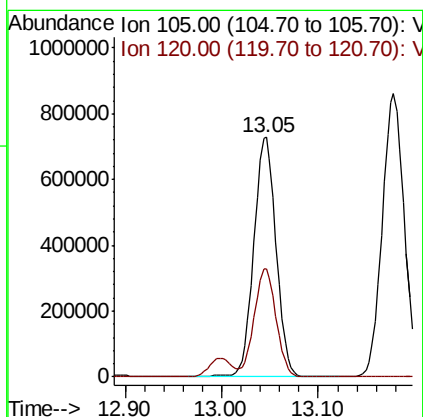
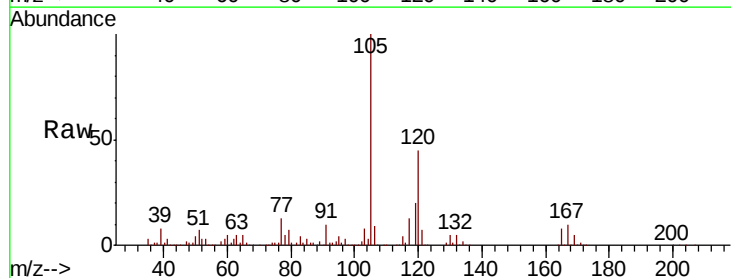
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

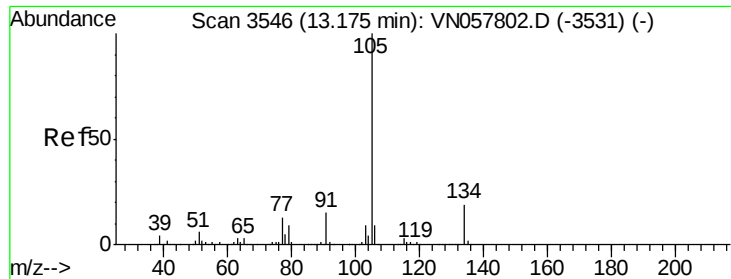
Tgt Ion:119 Resp: 975697
 Ion Ratio Lower Upper
 119 100
 91 68.5 33.6 100.8
 134 23.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.628 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion:105 Resp: 1164794
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.2

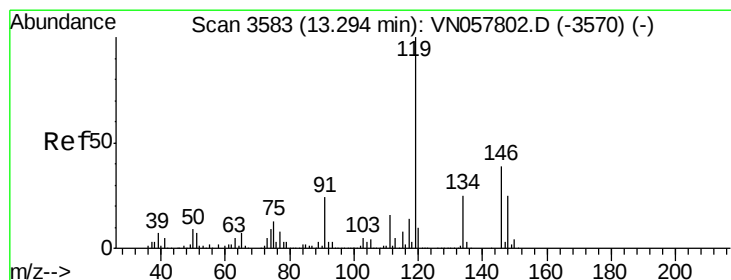
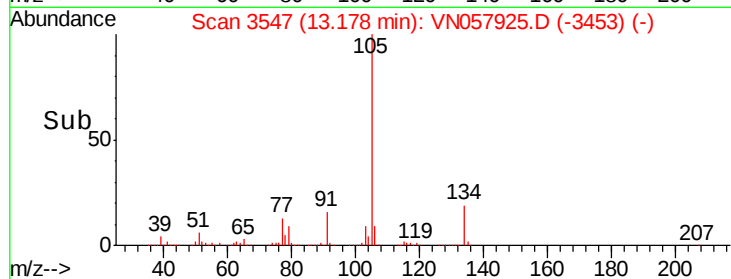
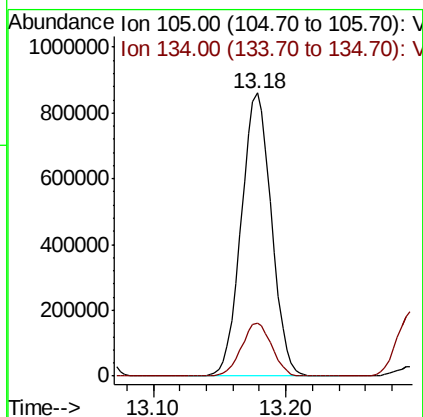
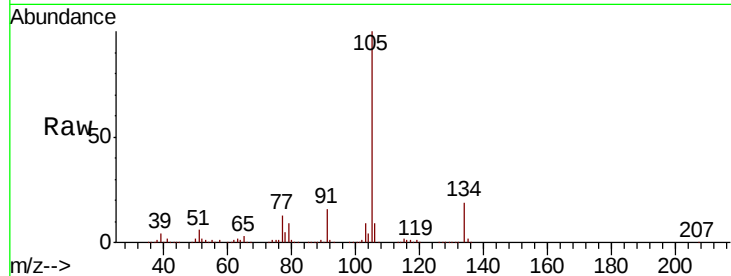




#85
 sec-Butylbenzene
 Concen: 51.710 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

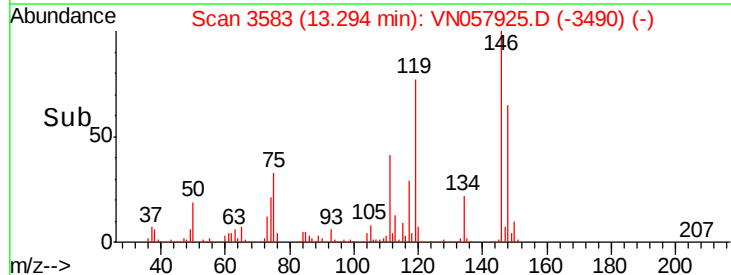
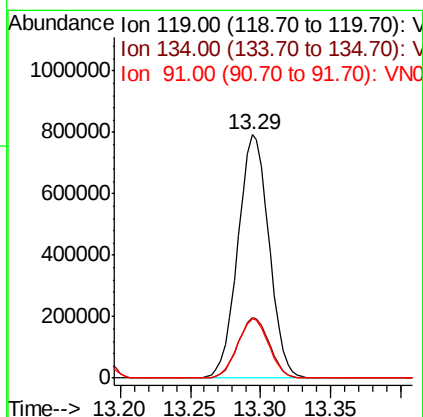
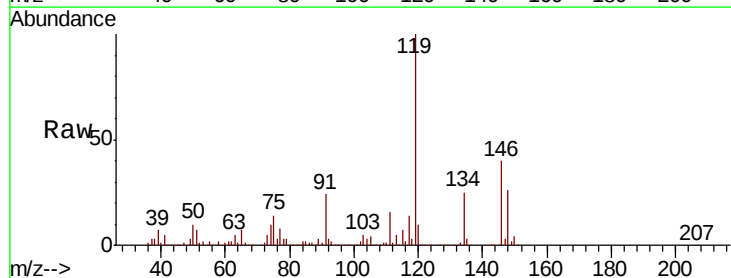
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

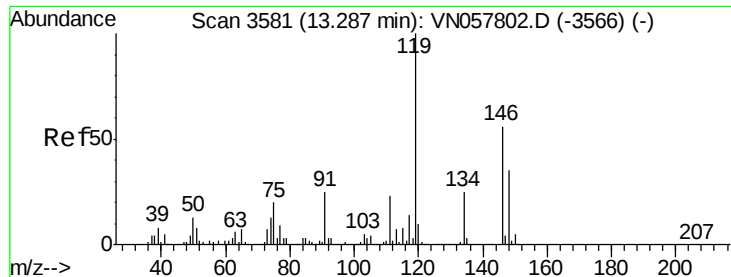
Tgt Ion:105 Resp: 1352409
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 53.092 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion:119 Resp: 1223457
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 24.5 12.3 36.8

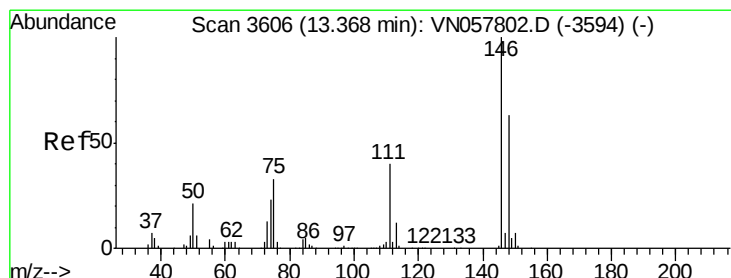
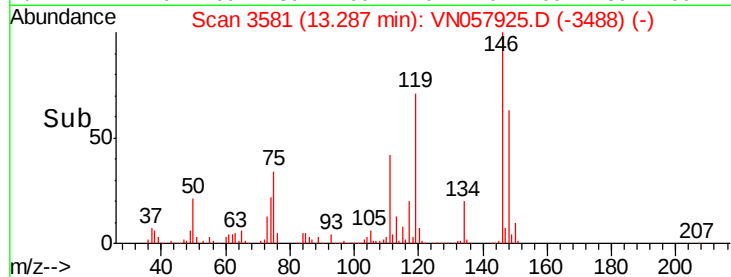
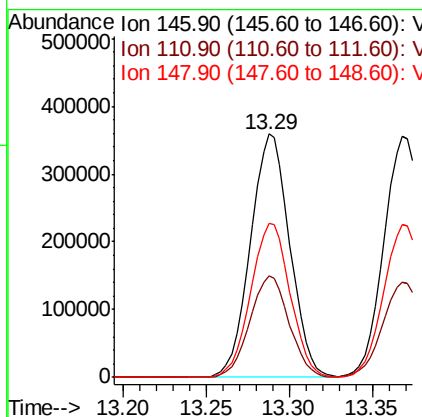
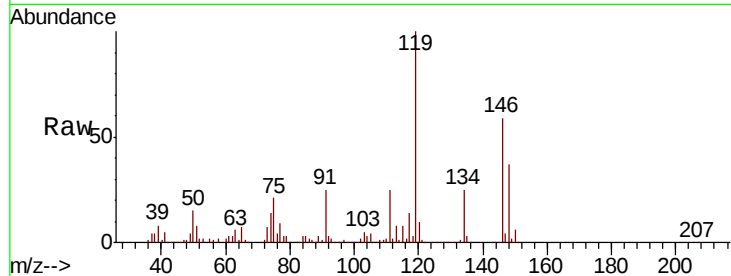




#87
 1,3-Dichlorobenzene
 Concen: 49.140 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

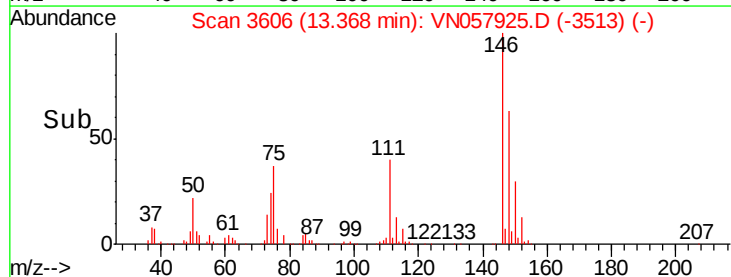
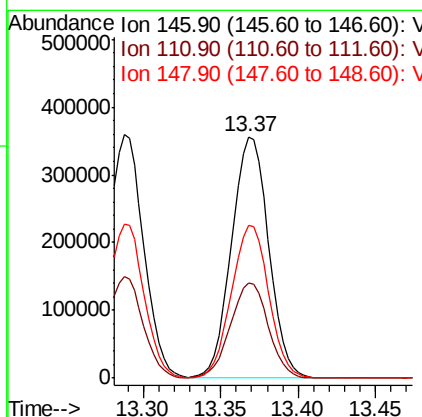
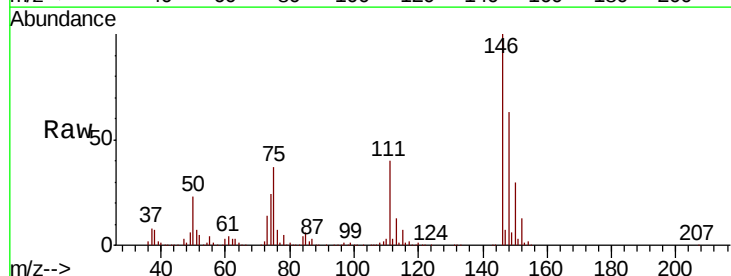
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

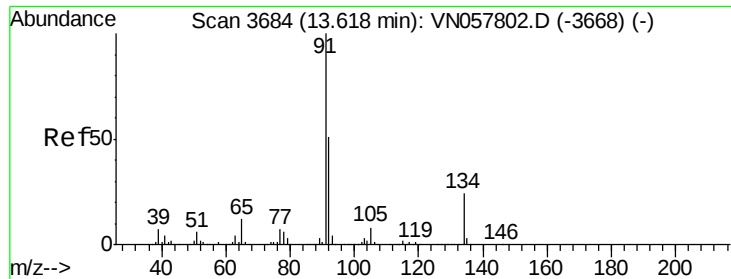
Tgt Ion:146 Resp: 590806
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.5 61.6
 148 63.5 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 48.605 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion:146 Resp: 593173
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.2
 148 63.6 31.8 95.4

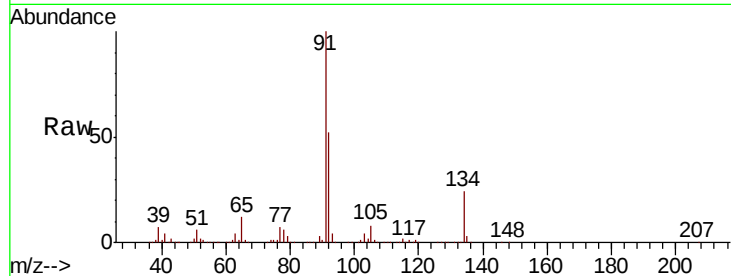




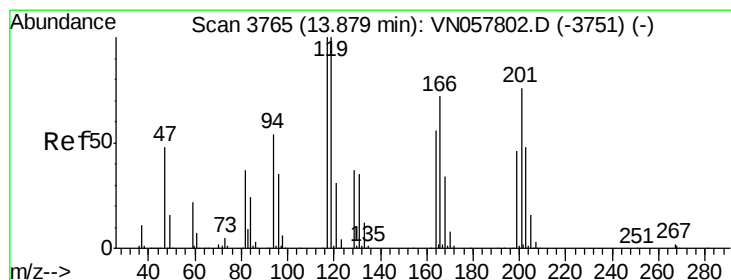
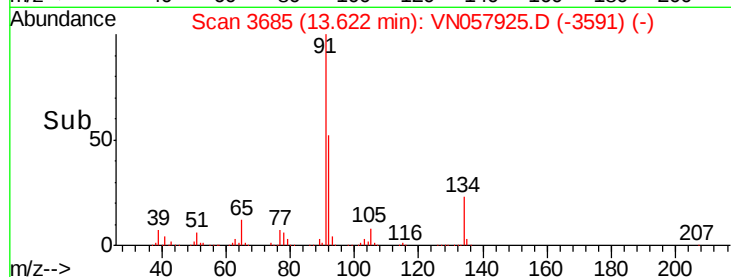
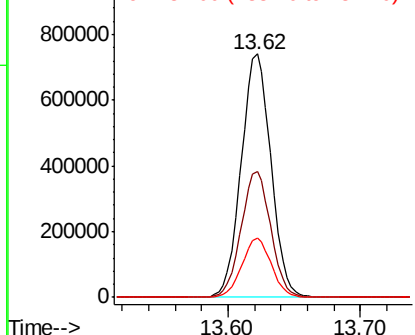
#89
n-Butylbenzene
Concen: 53.005 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1153490
Ion Ratio Lower Upper
91 100
92 51.5 25.7 77.0
134 23.9 11.9 35.7

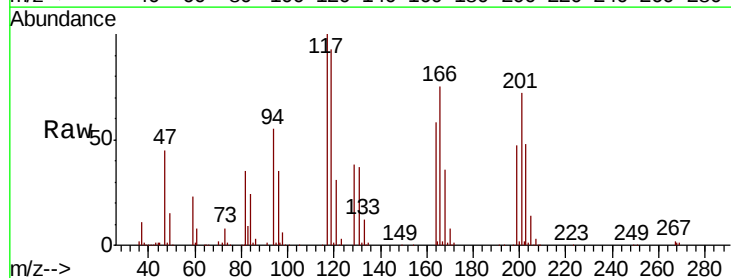


Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)

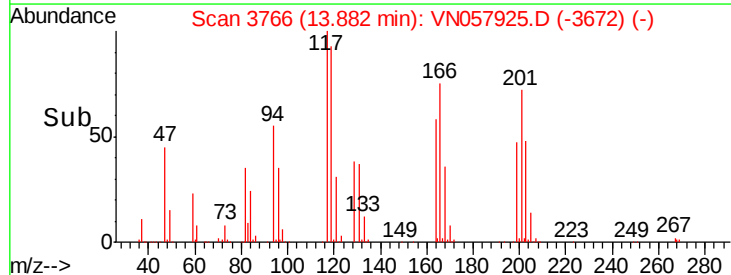
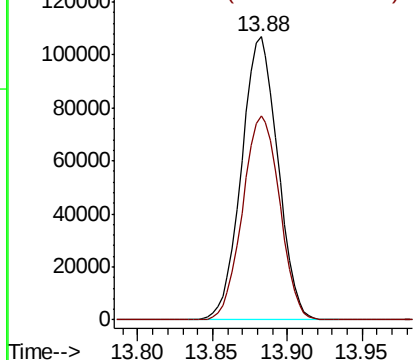


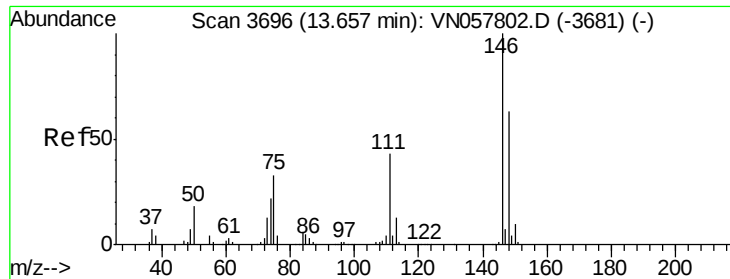
#90
Hexachloroethane
Concen: 52.755 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN057925.D
Acq: 11 Sep 2019 15:59

Tgt Ion: 117 Resp: 180798
Ion Ratio Lower Upper
117 100
201 73.4 37.5 112.7



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)
Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

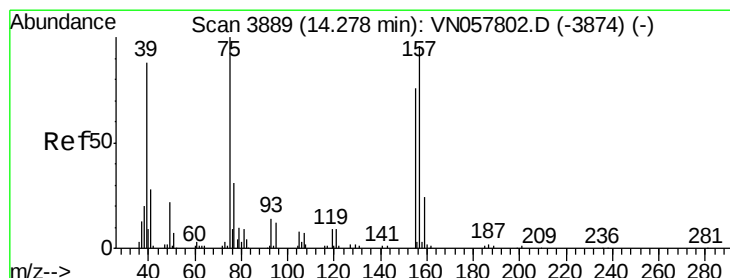
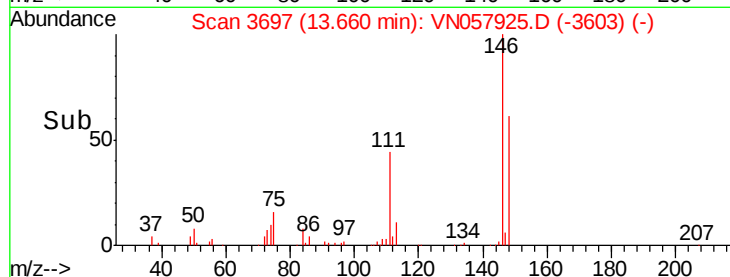
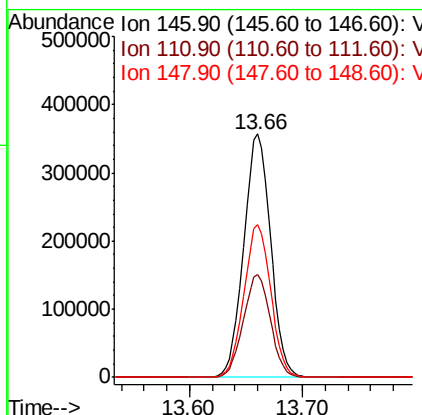
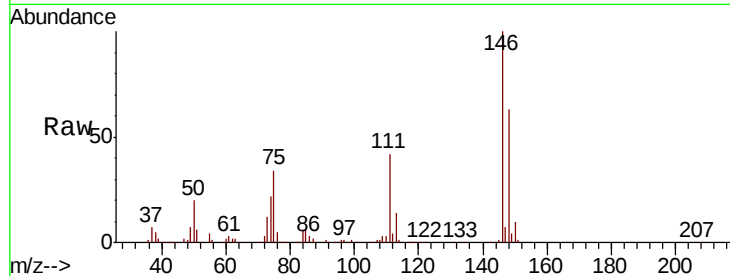




#91
 1,2-Dichlorobenzene
 Concen: 49.234 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

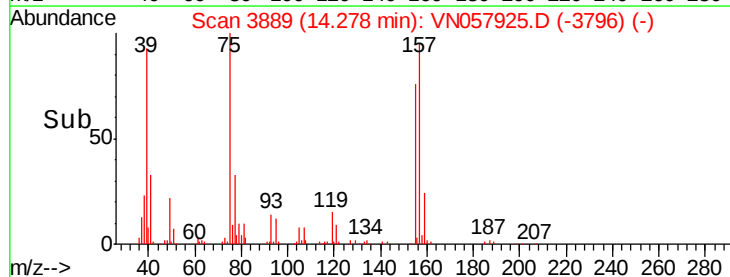
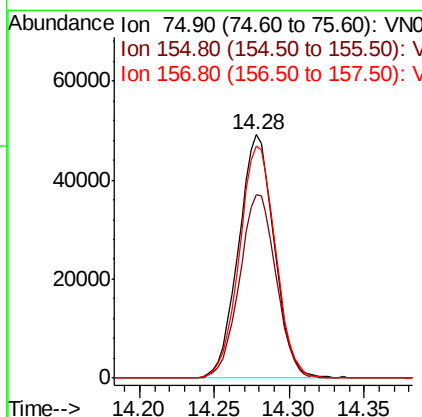
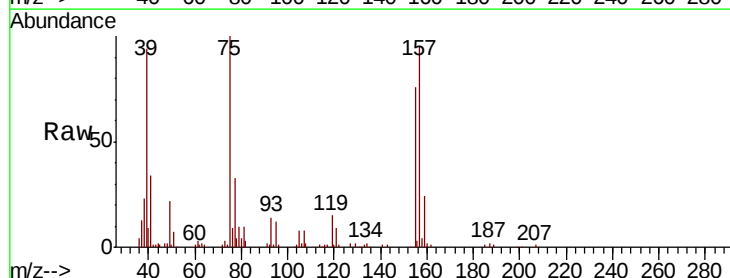
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 591367
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.9
 148 62.7 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.063 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion: 75 Resp: 81898
 Ion Ratio Lower Upper
 75 100
 155 76.9 37.3 111.8
 157 96.1 47.9 143.8

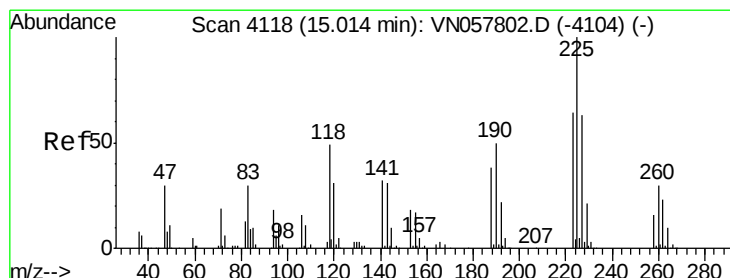
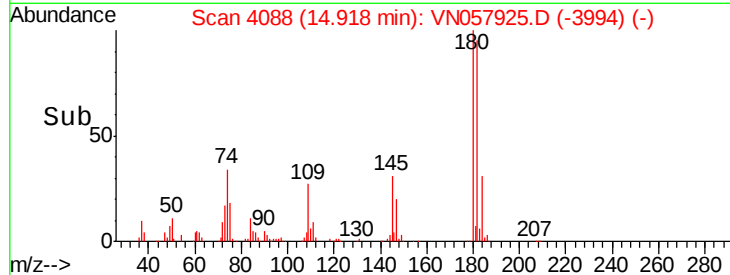
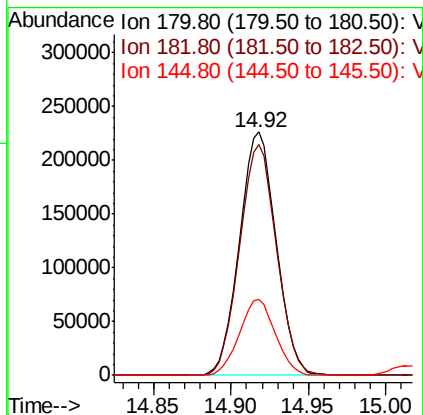
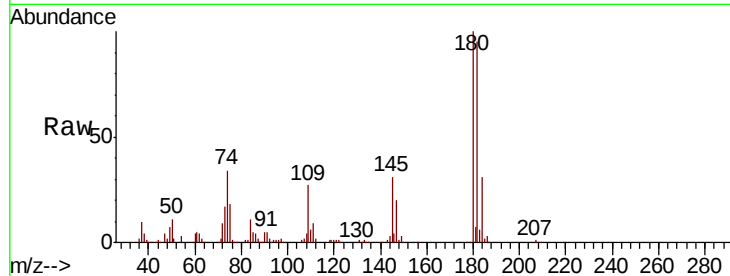




#93
 1,2,4-Trichlorobenzene
 Concen: 47.500 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

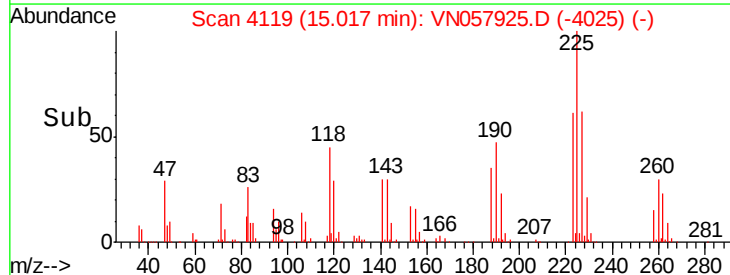
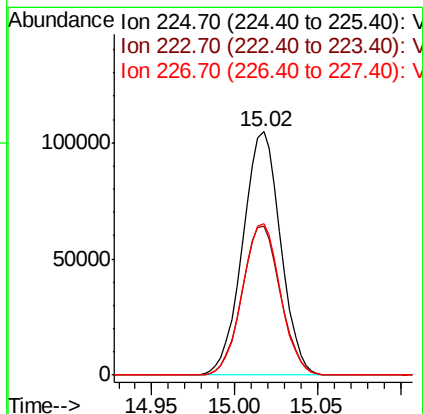
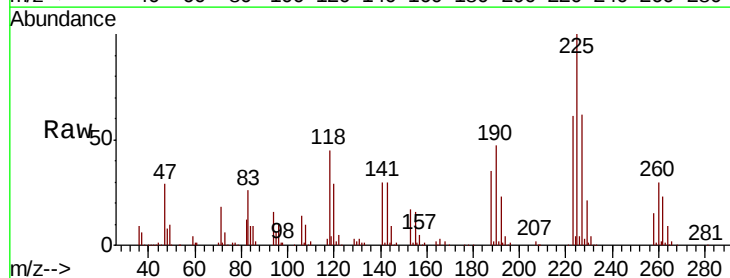
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

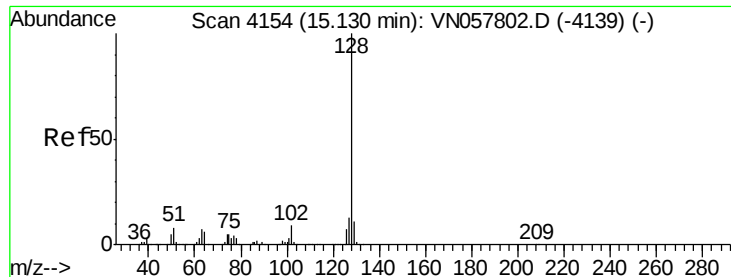
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.8
145	30.8	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 49.951 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN057925.D
 Acq: 11 Sep 2019 15:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	32.4	97.2
227	62.3	31.8	95.4





#95

Naphthalene

Concen: 56.177 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

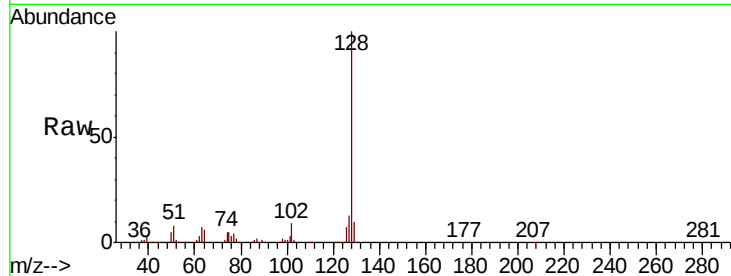
Tgt Ion:128 Resp: 1109571

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

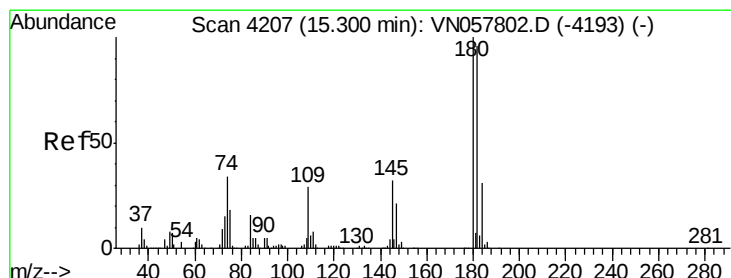
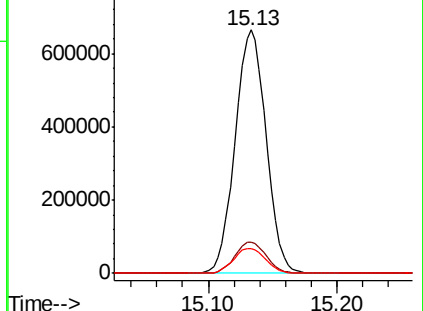
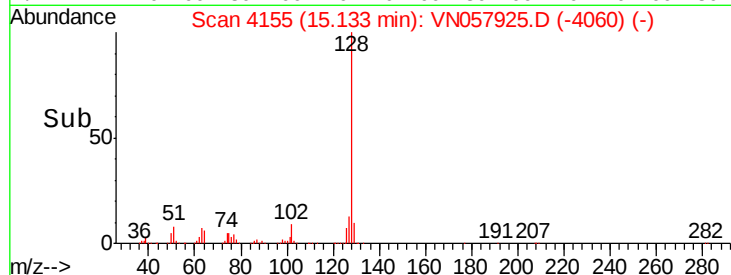
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.802 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057925.D

Acq: 11 Sep 2019 15:59

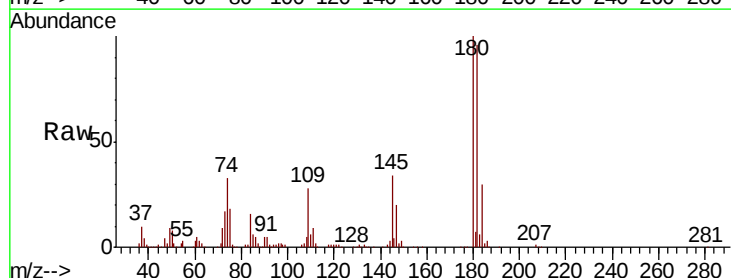
Tgt Ion:180 Resp: 355295

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.8

145 32.7 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

