

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081319\
 Data File : VN057274.D
 Acq On : 14 Aug 2019 2:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 14 06:37:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 06:25:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1187786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1793722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1649047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	664897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	614828	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.58	113	549494	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	10.09	98	2102488	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	709523	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	492302	49.167	ug/l	100
3) Chloromethane	2.06	50	592038	52.155	ug/l	97
4) Vinyl Chloride	2.18	62	555882	50.414	ug/l	98
5) Bromomethane	2.53	94	380877	49.011	ug/l	96
6) Chloroethane	2.69	64	380579	53.568	ug/l	97
7) Trichlorofluoromethane	3.01	101	864522	49.832	ug/l	98
8) Diethyl Ether	3.40	74	328728	52.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	493706	47.393	ug/l	99
10) Methyl Iodide	3.95	142	857517	52.989	ug/l	98
11) Tert butyl alcohol	4.76	59	430733	266.939	ug/l #	83
12) 1,1-Dichloroethene	3.73	96	512825	49.616	ug/l	100
13) Acrolein	3.60	56	303122	262.570	ug/l	100
14) Allyl chloride	4.32	41	772472	49.267	ug/l	99
15) Acrylonitrile	4.97	53	1229965	270.562	ug/l	100
16) Acetone	3.80	43	938285	228.407	ug/l	99
17) Carbon Disulfide	4.05	76	1378170	48.781	ug/l	99
18) Methyl Acetate	4.31	43	630254	59.741	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	1603427	51.952	ug/l	99
20) Methylene Chloride	4.55	84	599516	49.960	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	544017	49.374	ug/l	96
22) Diisopropyl ether	5.94	45	1575206	51.096	ug/l	100
23) Vinyl Acetate	5.88	43	6415230	262.604	ug/l	100
24) 1,1-Dichloroethane	5.84	63	985196	50.724	ug/l	99
25) 2-Butanone	6.82	43	1503726	257.465	ug/l	100
26) 2,2-Dichloropropane	6.82	77	560908	35.199	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	645251	50.784	ug/l	97
28) Bromochloromethane	7.18	49	448321	52.309	ug/l	99
29) Tetrahydrofuran	7.20	42	989935	265.139	ug/l	99
30) Chloroform	7.36	83	1019284	50.238	ug/l	98
31) Cyclohexane	7.65	56	825531	48.632	ug/l	99
32) 1,1,1-Trichloroethane	7.56	97	900611	52.478	ug/l	99
36) 1,1-Dichloropropene	7.79	75	740783	47.237	ug/l	100
37) Ethyl Acetate	6.91	43	625525	49.626	ug/l	99
38) Carbon Tetrachloride	7.77	117	800669	48.063	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	858543	46.239	ug/l	99
40) Benzene	8.03	78	2304684	48.375	ug/l	99
41) Methacrylonitrile	7.20	41	896483	172.826	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	760410	49.808	ug/l	100
43) Isopropyl Acetate	8.16	43	1465854	70.614	ug/l #	87
44) Trichloroethene	8.83	130	654456	47.389	ug/l	100
45) 1,2-Dichloropropane	9.11	63	597389	49.495	ug/l	98
46) Dibromomethane	9.20	93	394982	48.536	ug/l	98
47) Bromodichloromethane	9.40	83	796422	50.761	ug/l	99
48) Methyl methacrylate	9.19	41	505144	52.590	ug/l	98
49) 1,4-Dioxane	9.19	88	213395	985.832	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	3161951	259.396	ug/l	99
52) Toluene	10.15	92	1478449	49.951	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	831091	49.522	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	923173	48.809	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	568055	49.101	ug/l	99
56) Ethyl methacrylate	10.43	69	855330	52.696	ug/l	100
57) 1,3-Dichloropropane	10.70	76	944385	49.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1099726	233.272	ug/l	100
59) 2-Hexanone	10.75	43	2262262	261.570	ug/l	100
60) Dibromochloromethane	10.90	129	669765	51.625	ug/l	99
61) 1,2-Dibromoethane	11.00	107	611674	50.927	ug/l	99
64) Tetrachloroethene	10.63	164	659950	45.309	ug/l	97
65) Chlorobenzene	11.43	112	1632758	48.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	629415	48.302	ug/l	99
67) Ethyl Benzene	11.51	91	2816103	48.885	ug/l	99
68) m/p-Xylenes	11.62	106	2134808	99.323	ug/l	99
69) o-Xylene	11.95	106	1046481	49.727	ug/l	99
70) Styrene	11.96	104	1721856	52.846	ug/l	100
71) Bromoform	12.13	173	519048	51.983	ug/l #	100
73) Isopropylbenzene	12.25	105	2789528	54.594	ug/l	99
74) N-amyl acetate	12.07	43	845946	54.217	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	785879	56.818	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	955897	84.435	ug/l #	100
77) Bromobenzene	12.53	156	748282	54.250	ug/l	99
78) n-propylbenzene	12.59	91	2900287	51.955	ug/l	99
79) 2-Chlorotoluene	12.67	91	1807207	53.819	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2334206	53.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	226417	45.739	ug/l	98
82) 4-Chlorotoluene	12.77	91	1694987	46.742	ug/l	99
83) tert-Butylbenzene	12.99	119	2049043	53.398	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2213552	47.276	ug/l	100
85) sec-Butylbenzene	13.17	105	2532294	51.725	ug/l	100
86) p-Isopropyltoluene	13.29	119	2220992	45.426	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1105999	48.016	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1034660	46.183	ug/l	99
89) n-Butylbenzene	13.62	91	1612510	47.020	ug/l	99
90) Hexachloroethane	13.88	117	437984	53.884	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	1056748	47.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	113515	51.110	ug/l	95

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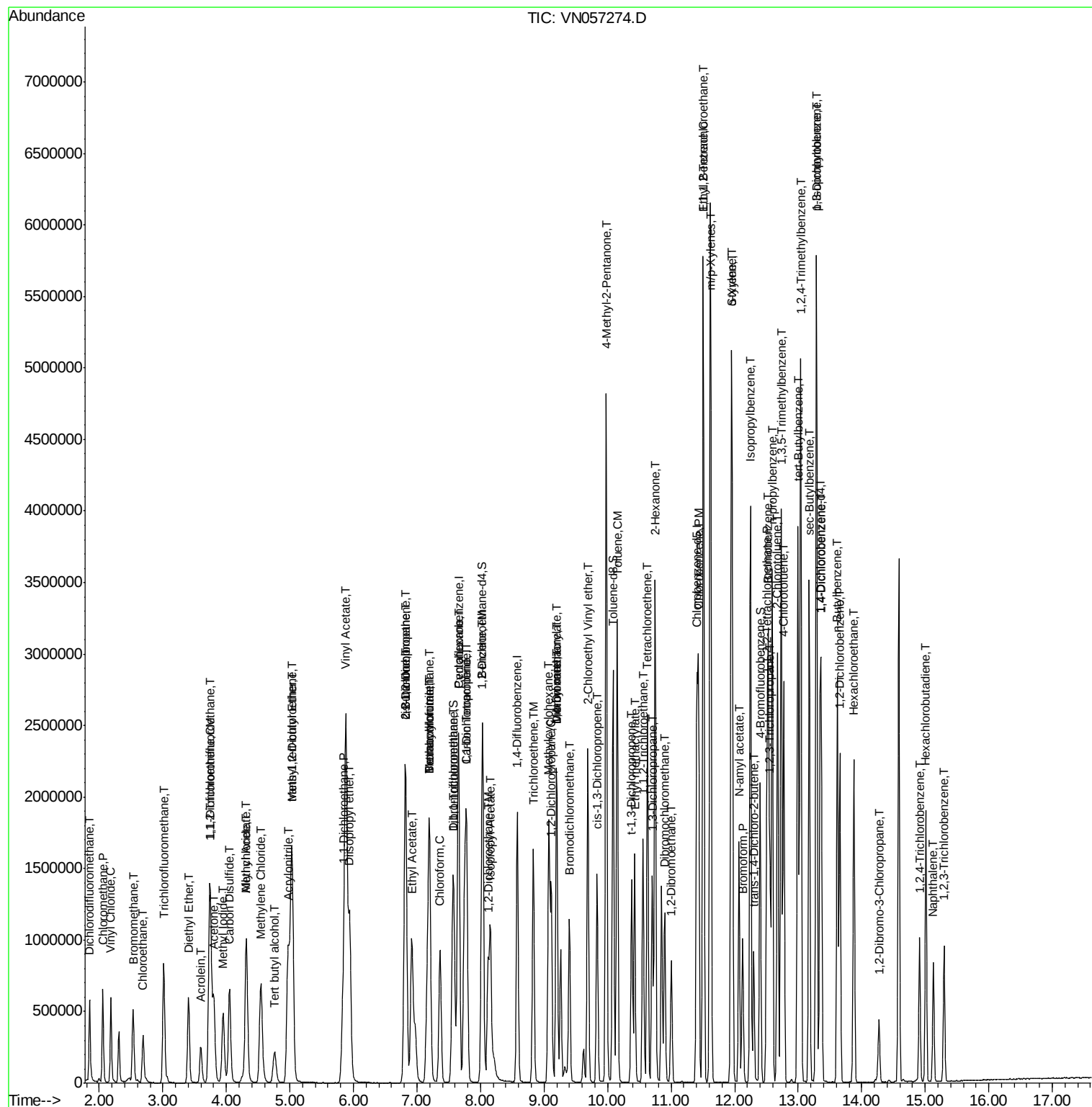
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	353853	41.052	ug/l	98
94) Hexachlorobutadiene	15.01	225	414260	48.241	ug/l	99
95) Naphthalene	15.13	128	728010	51.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	335111	43.249	ug/l	99

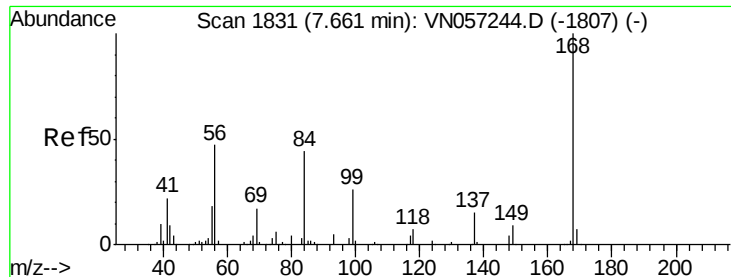
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

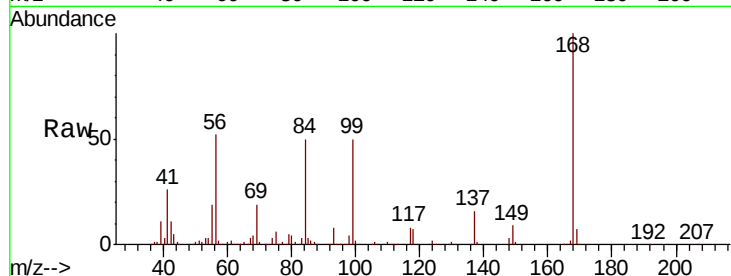
VSTDCCC050EC

Tgt Ion:168 Resp: 1187786

Ion Ratio Lower Upper

168 100

99 49.5 38.6 58.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

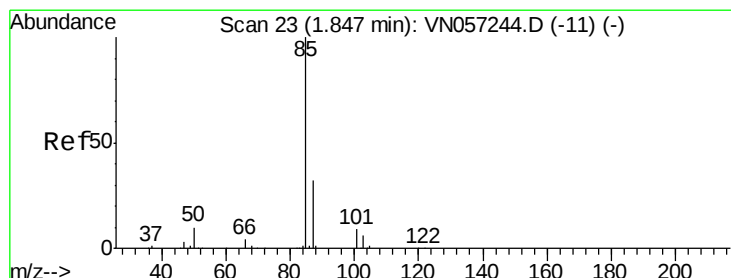
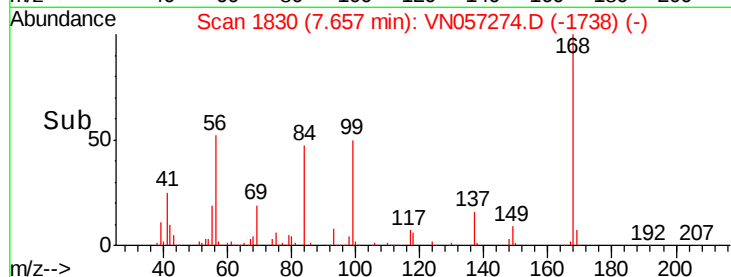
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 49.167 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057274.D

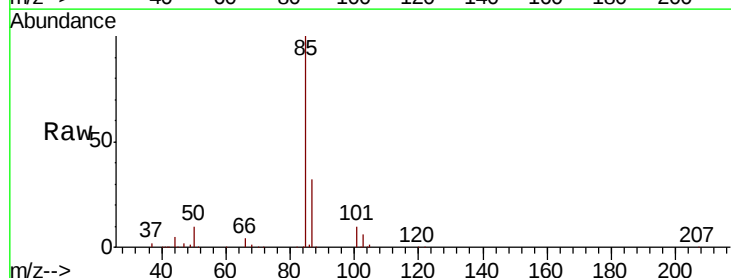
Acq: 14 Aug 2019 2:42

Tgt Ion: 85 Resp: 492302

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

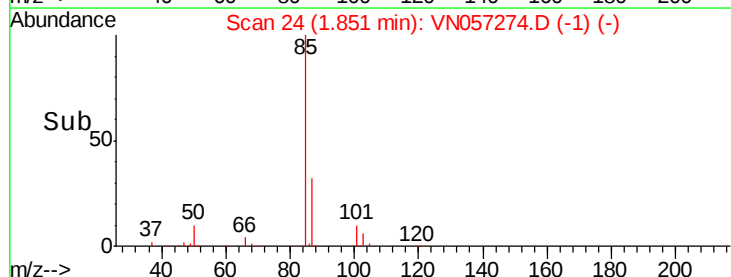
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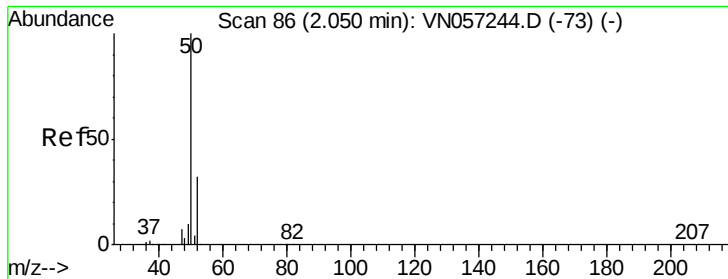
200000

100000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 52.155 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.01 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

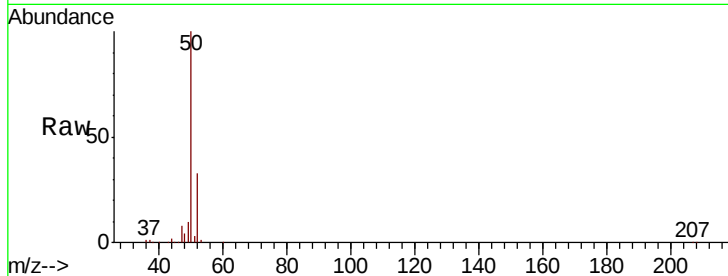
VSTDCCC050EC

Tgt Ion: 50 Resp: 592038

Ion Ratio Lower Upper

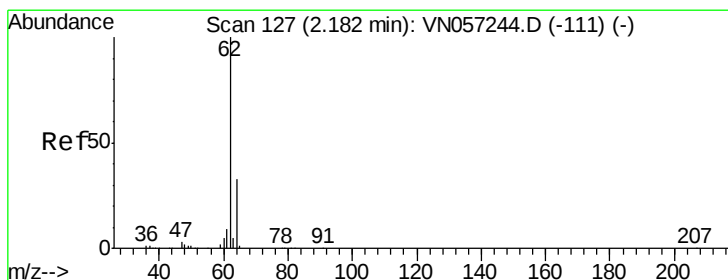
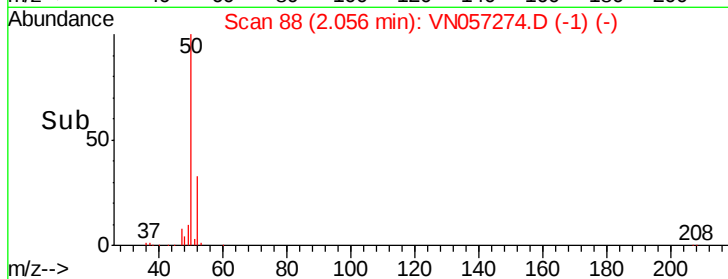
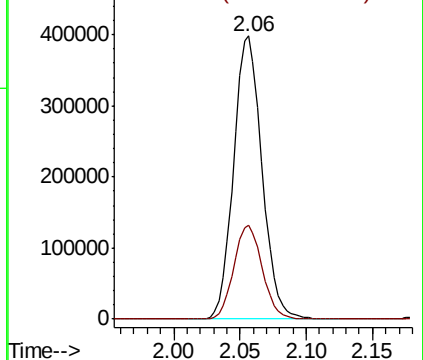
50 100

52 33.4 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 50.414 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057274.D

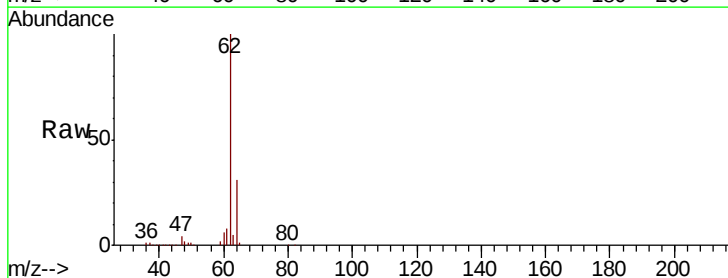
Acq: 14 Aug 2019 2:42

Tgt Ion: 62 Resp: 555882

Ion Ratio Lower Upper

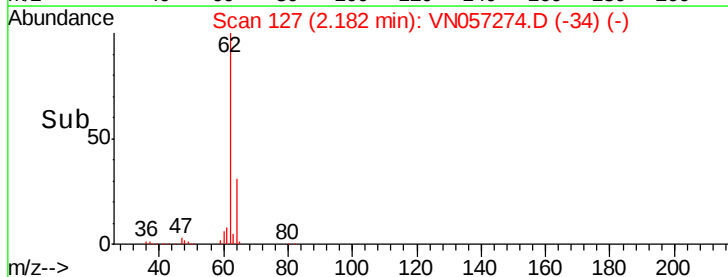
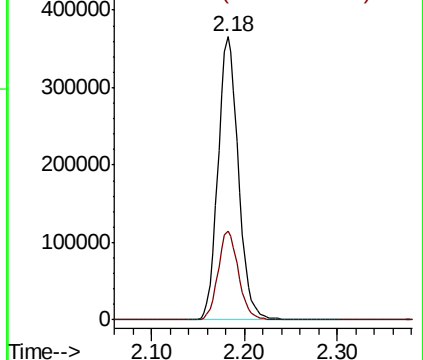
62 100

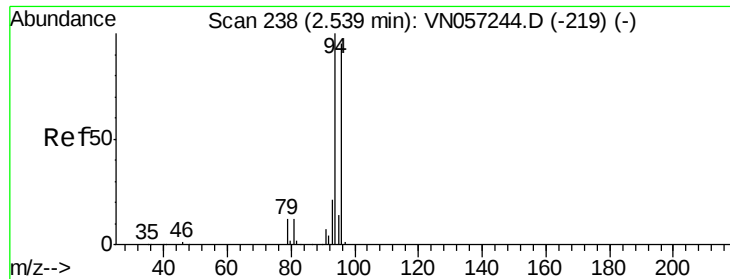
64 31.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 49.011 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

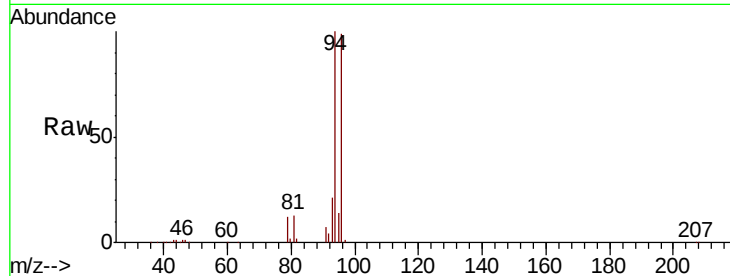
VSTDCCC050EC

Tgt Ion: 94 Resp: 380877

Ion Ratio Lower Upper

94 100

96 98.7 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN057274.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN057274.D (-145) (-)

2.53

200000

150000

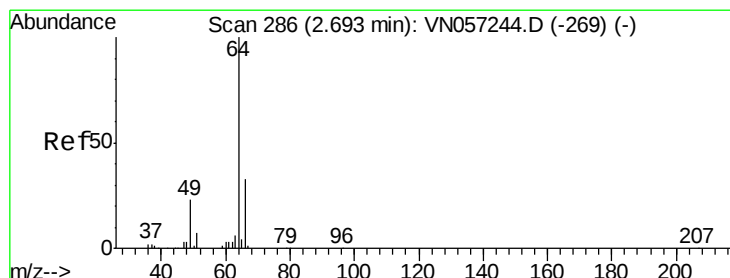
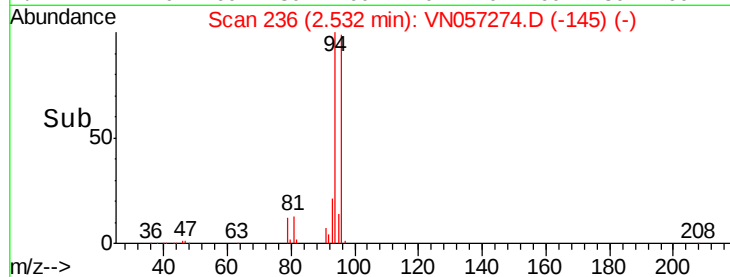
100000

50000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 53.568 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.00 min

Lab File: VN057274.D

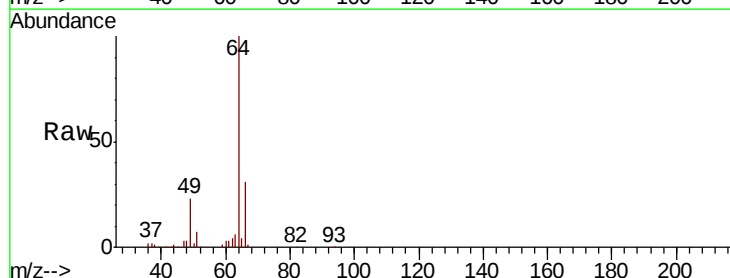
Acq: 14 Aug 2019 2:42

Tgt Ion: 64 Resp: 380579

Ion Ratio Lower Upper

64 100

66 31.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN057274.D (-193) (-)

Ion 65.90 (65.60 to 66.60): VN057274.D (-193) (-)

2.69

200000

150000

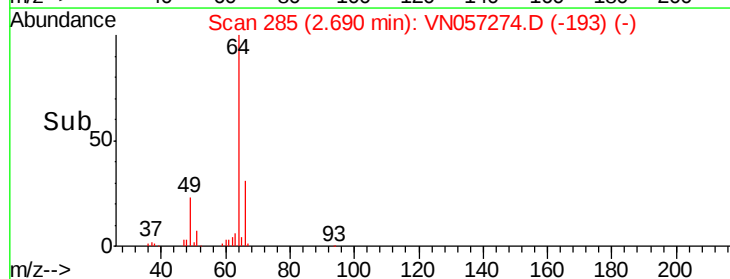
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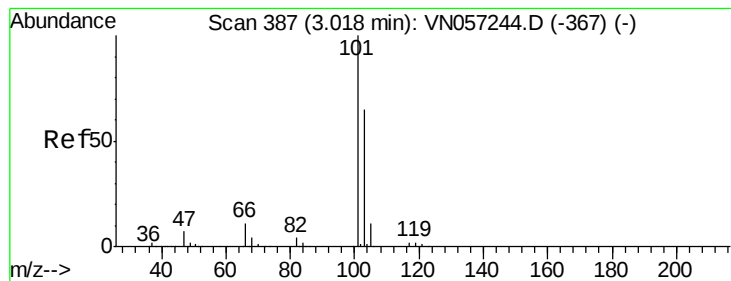
50000

0

2.60 2.70 2.80

Time-->



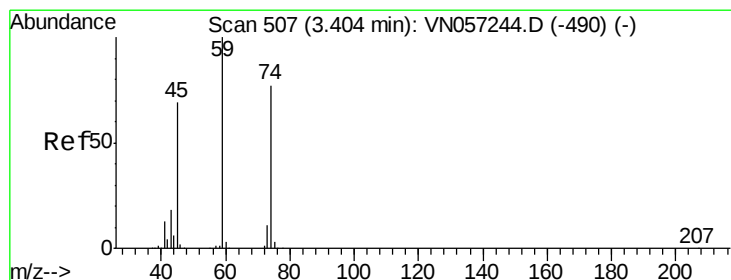
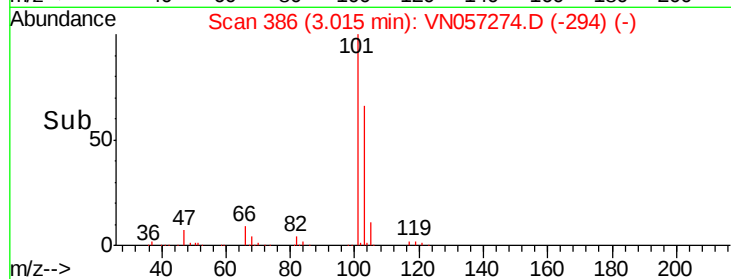
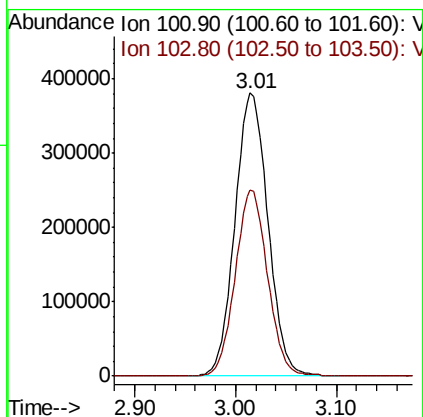
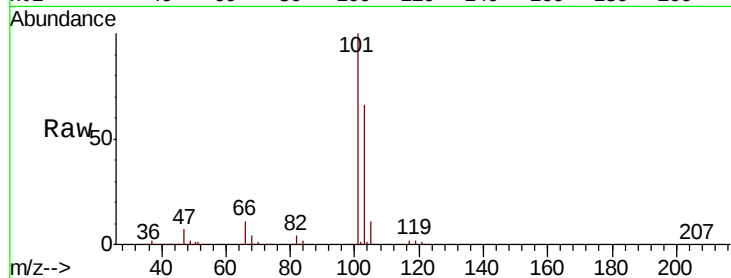


#7

Trichlorofluoromethane
Concen: 49.832 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

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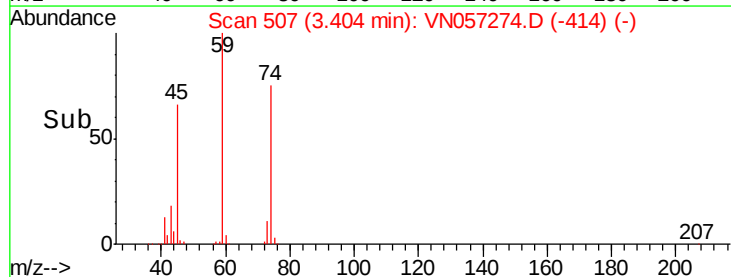
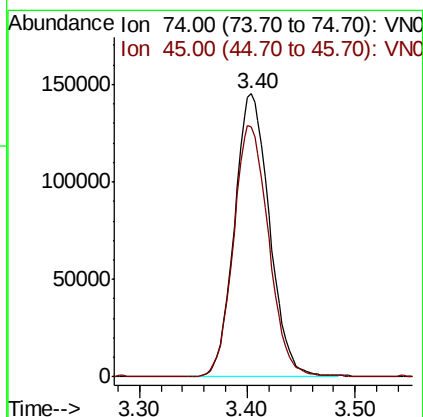
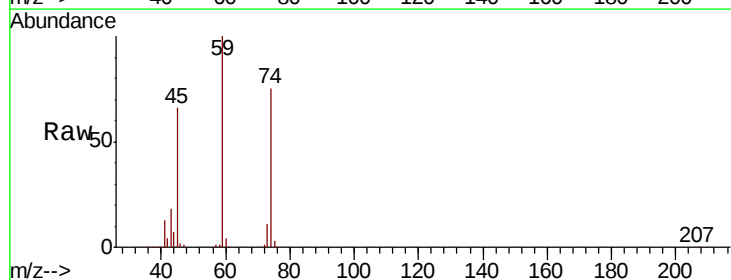
Tgt Ion: 101 Resp: 864522
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6

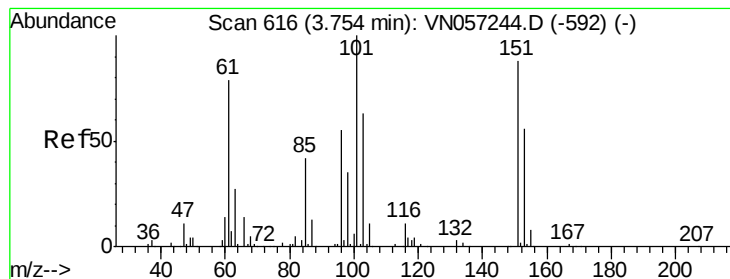


#8

Diethyl Ether
Concen: 52.291 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 74 Resp: 328728
Ion Ratio Lower Upper
74 100
45 89.5 45.1 135.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.393 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN057274.D

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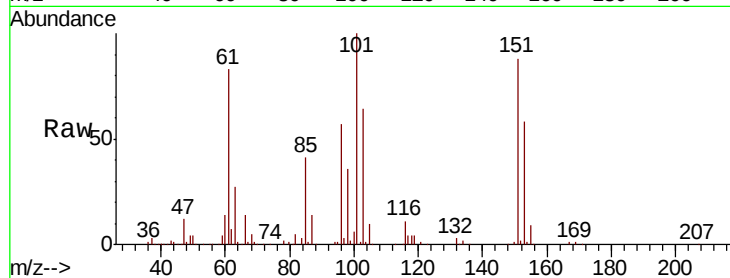
Tgt Ion:101 Resp: 493706

Ion Ratio Lower Upper

101 100

85 41.6 32.7 49.1

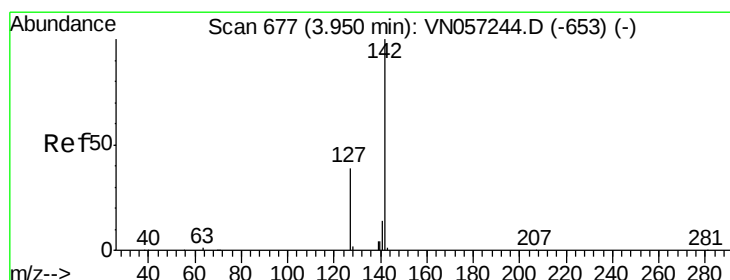
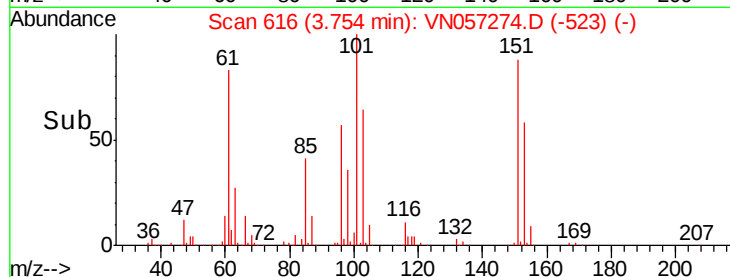
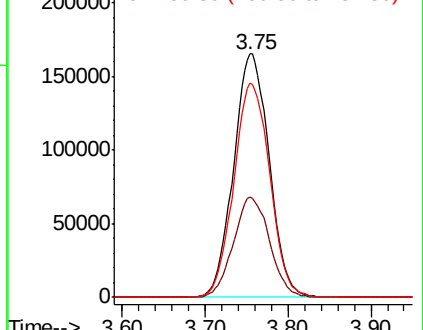
151 89.0 70.1 105.1



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: 52.989 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

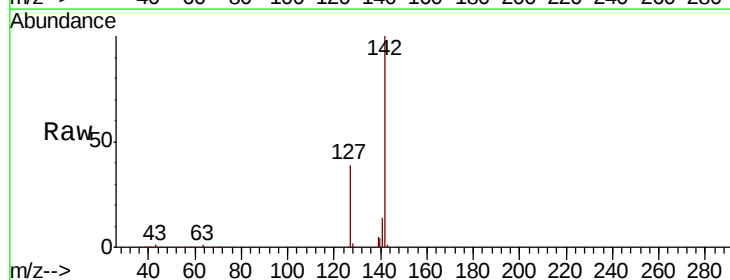
Tgt Ion:142 Resp: 857517

Ion Ratio Lower Upper

142 100

127 39.5 30.7 46.1

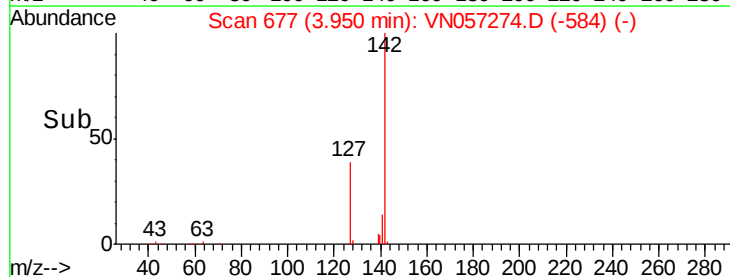
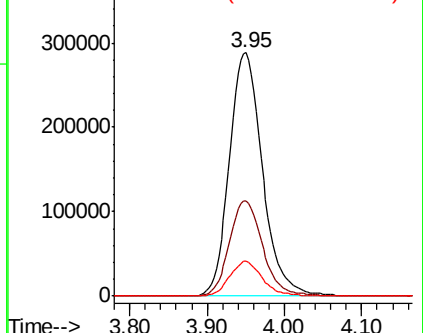
141 14.1 11.0 16.6

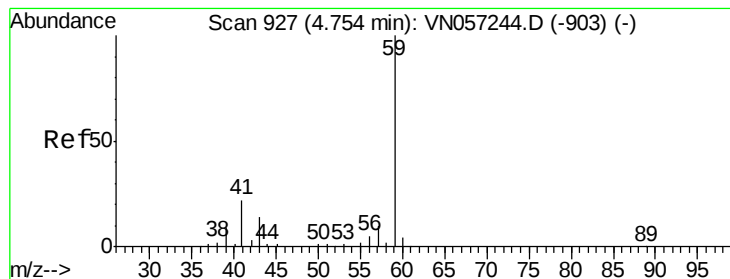


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



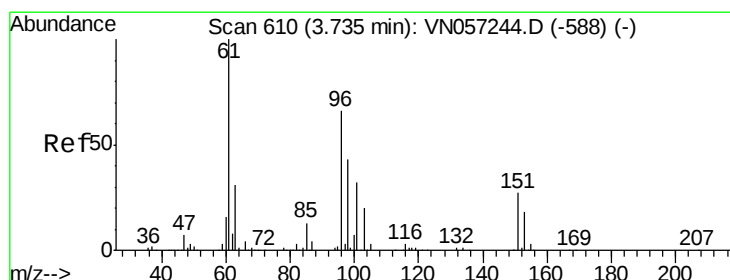
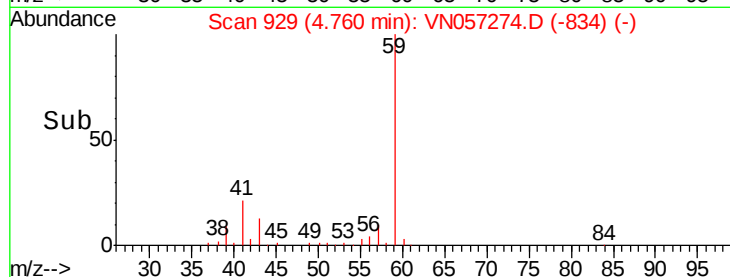
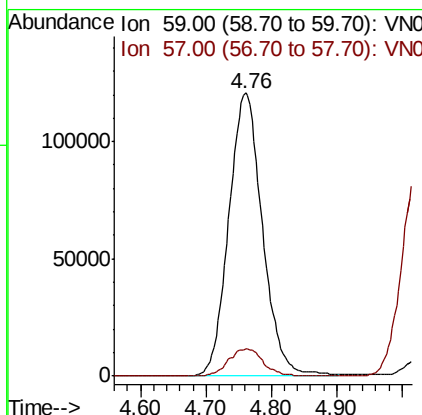
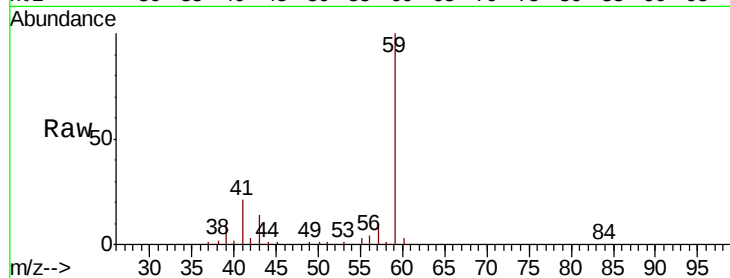


#11

Tert butyl alcohol
 Concen: 266.939 ug/l
 RT: 4.76 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

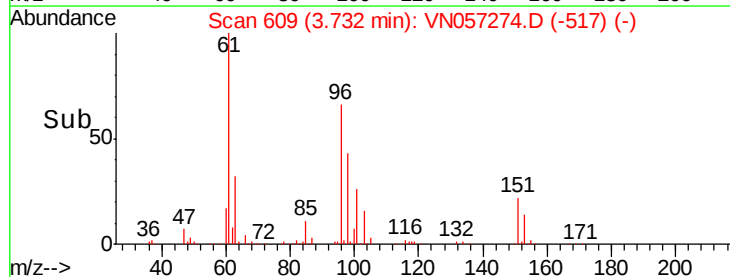
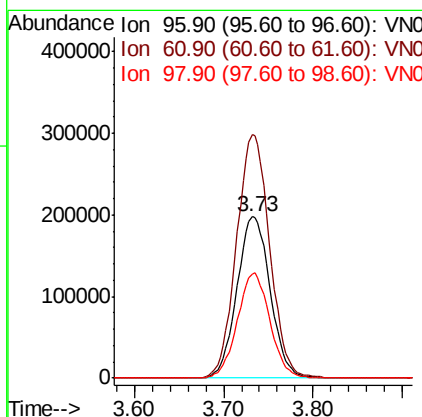
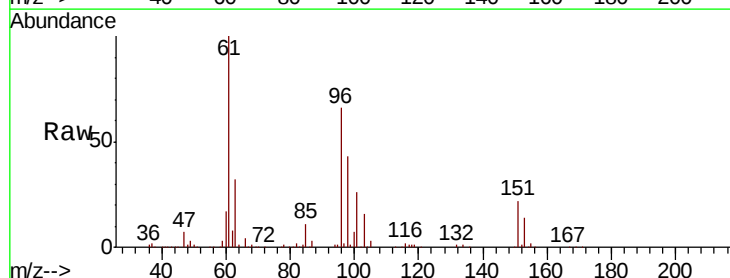
Tgt Ion: 59 Resp: 430733
 Ion Ratio Lower Upper
 59 100
 57 10.0 3.4 5.2#

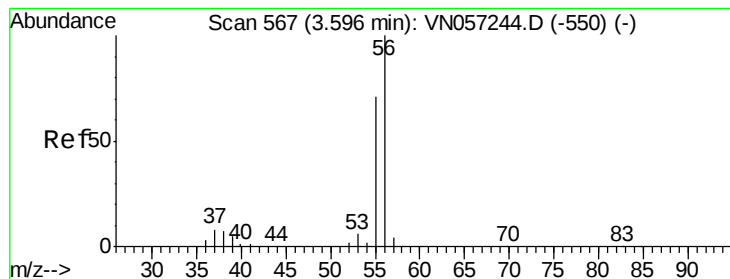


#12

1,1-Dichloroethene
 Concen: 49.616 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 96 Resp: 512825
 Ion Ratio Lower Upper
 96 100
 61 150.9 121.1 181.7
 98 64.7 52.0 78.0





#13

Acrolein

Concen: 262.570 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

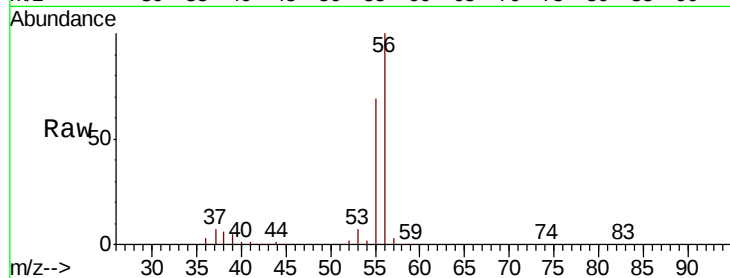
VSTDCCC050EC

Tgt Ion: 56 Resp: 303122

Ion Ratio Lower Upper

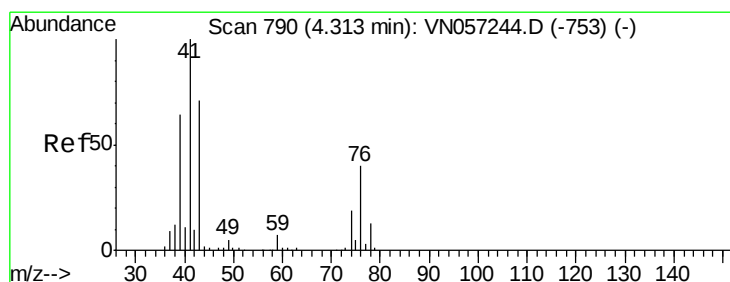
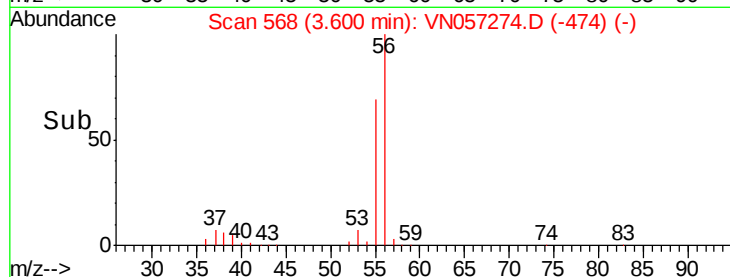
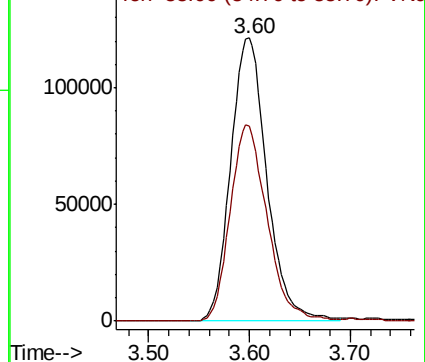
56 100

55 70.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.267 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

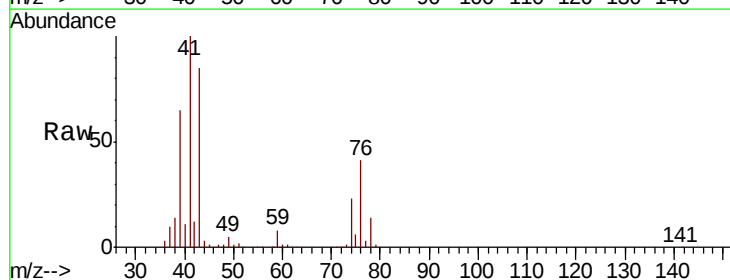
Tgt Ion: 41 Resp: 772472

Ion Ratio Lower Upper

41 100

39 61.1 48.5 72.7

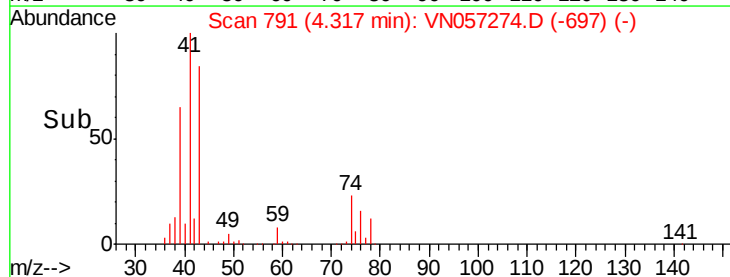
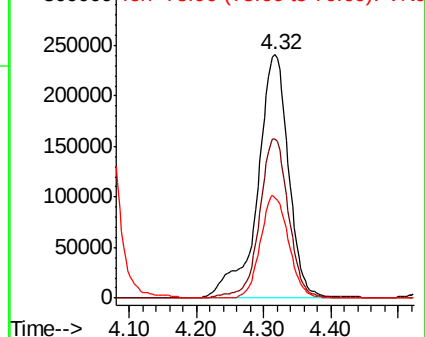
76 37.6 29.8 44.8

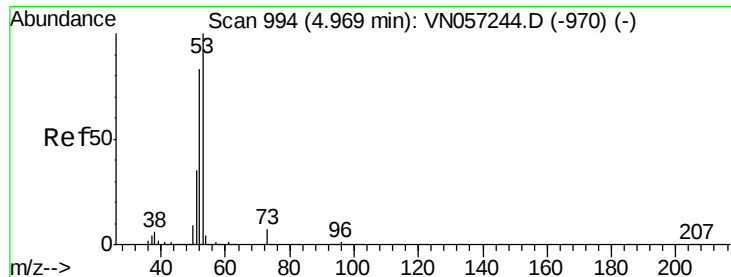


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 270.562 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

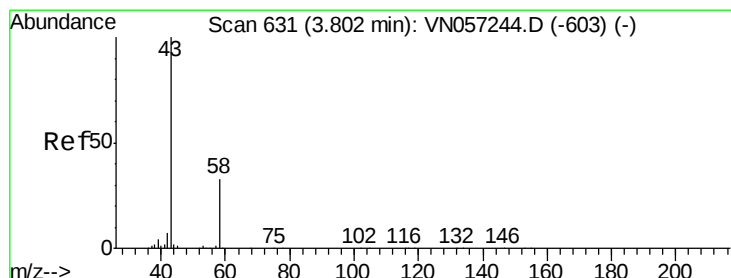
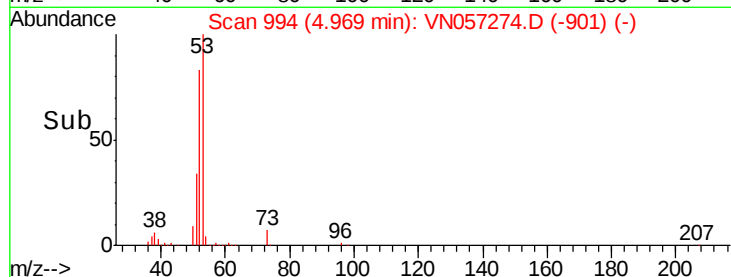
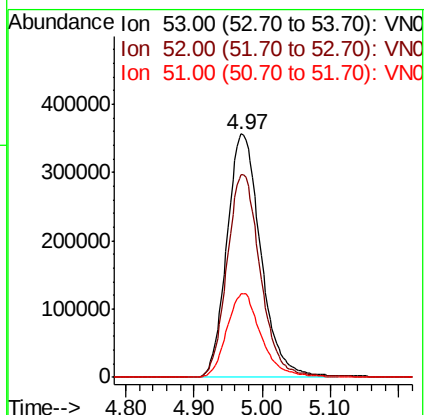
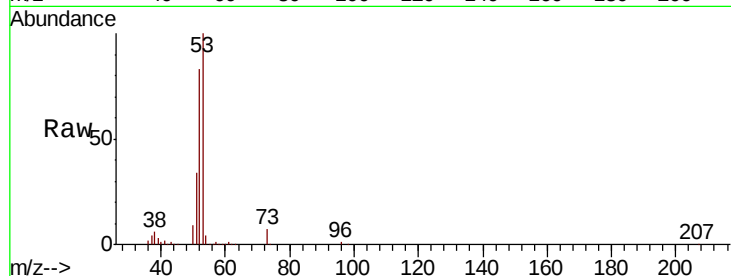
Tgt Ion: 53 Resp: 1229965

Ion Ratio Lower Upper

53 100

52 82.2 65.9 98.9

51 35.1 27.8 41.6



#16

Acetone

Concen: 228.407 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057274.D

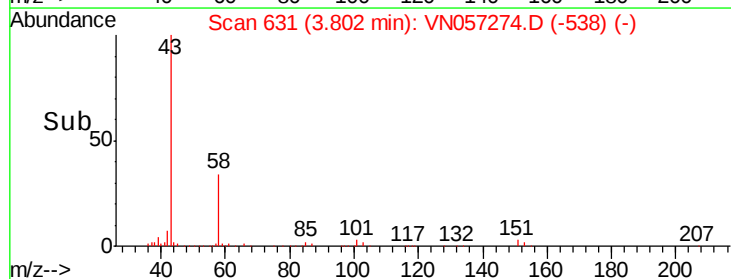
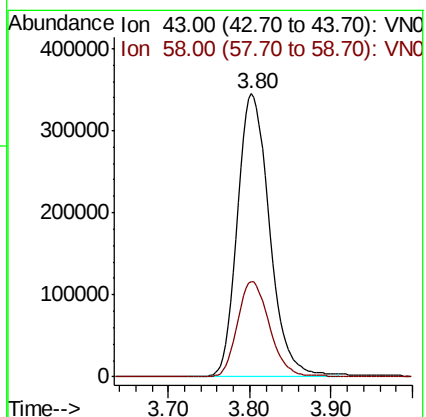
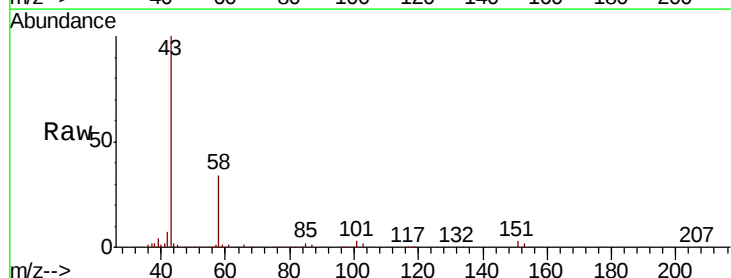
Acq: 14 Aug 2019 2:42

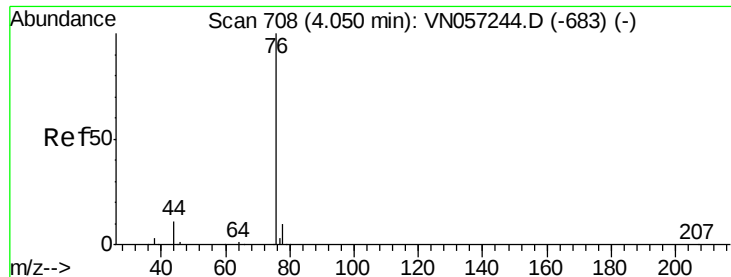
Tgt Ion: 43 Resp: 938285

Ion Ratio Lower Upper

43 100

58 33.7 26.7 40.1

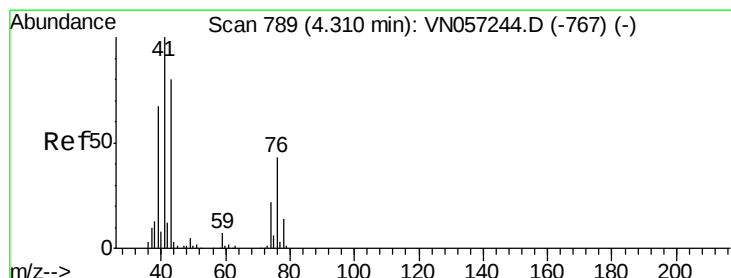
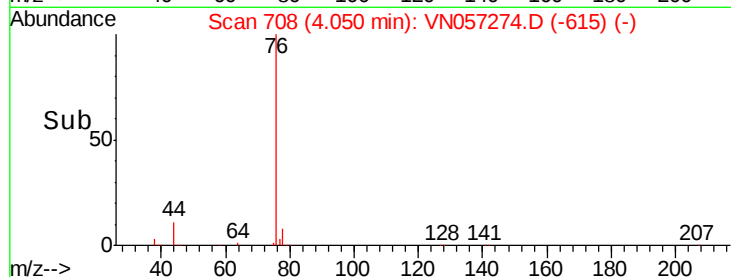
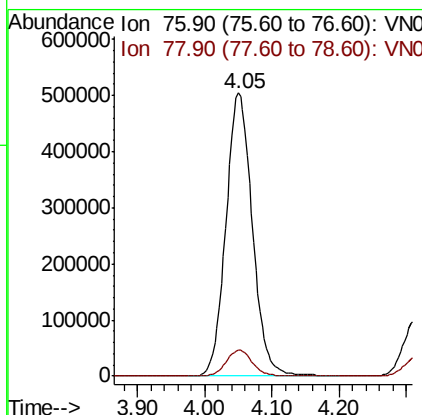
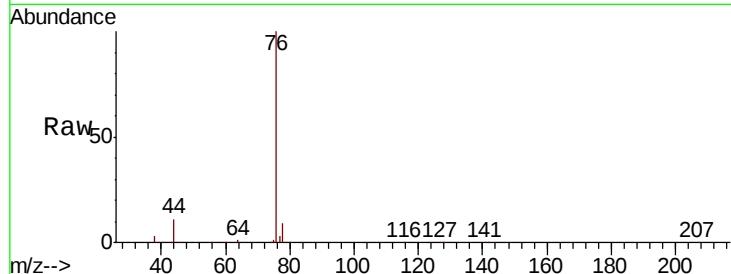




#17
Carbon Disulfide
Concen: 48.781 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

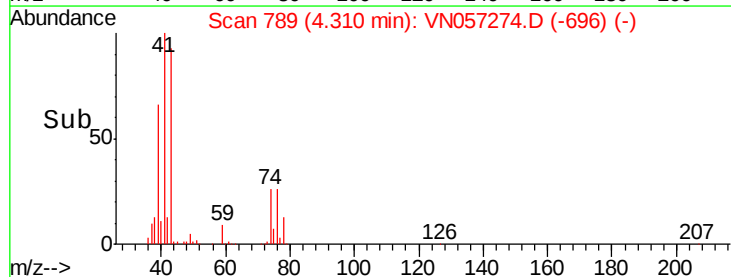
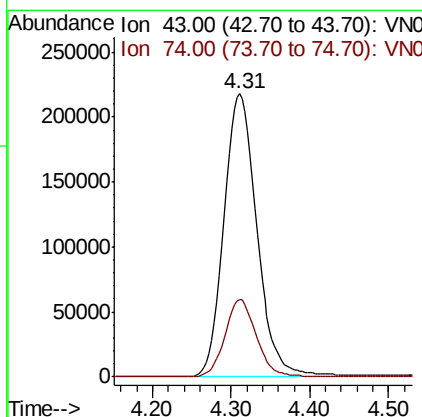
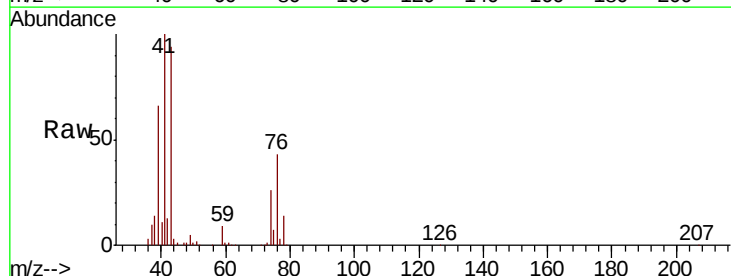
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

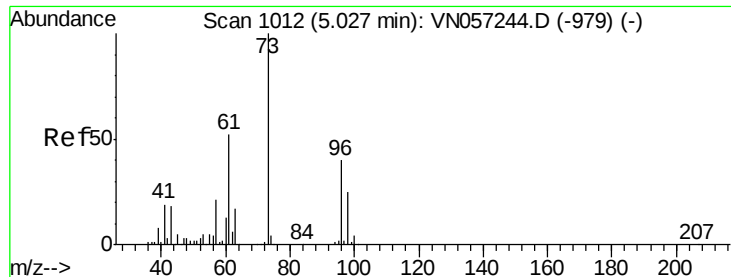
Tgt Ion: 76 Resp: 1378170
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5



#18
Methyl Acetate
Concen: 59.741 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 43 Resp: 630254
Ion Ratio Lower Upper
43 100
74 26.3 20.6 31.0

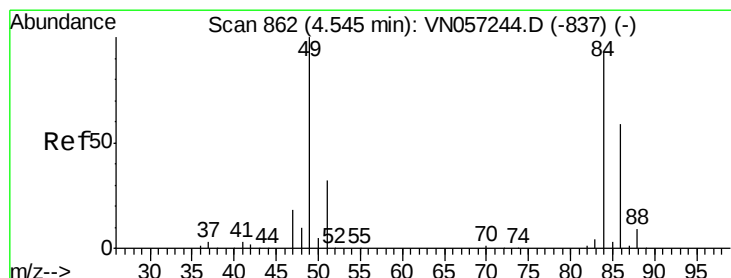
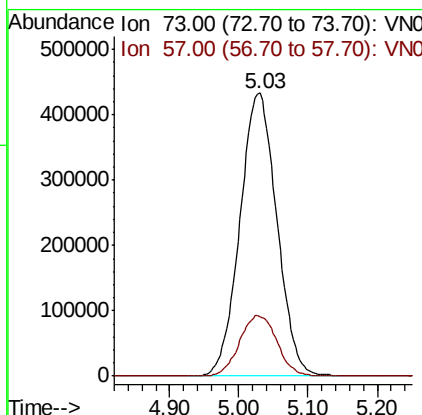
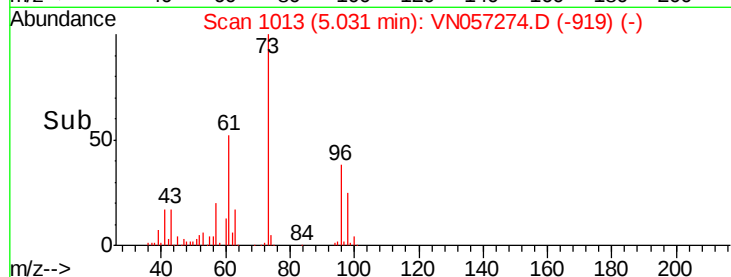
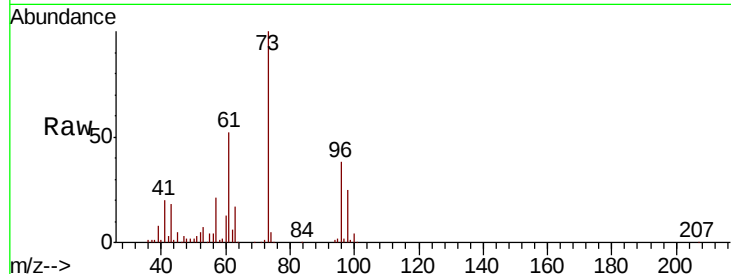




#19
Methyl tert-butyl Ether
Concen: 51.952 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

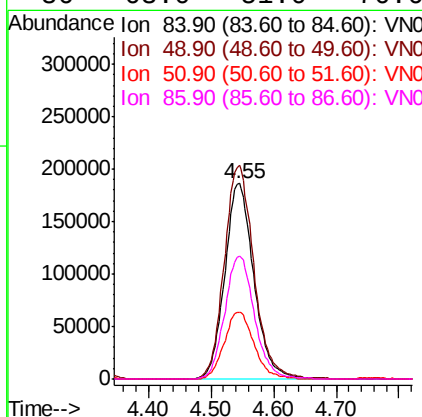
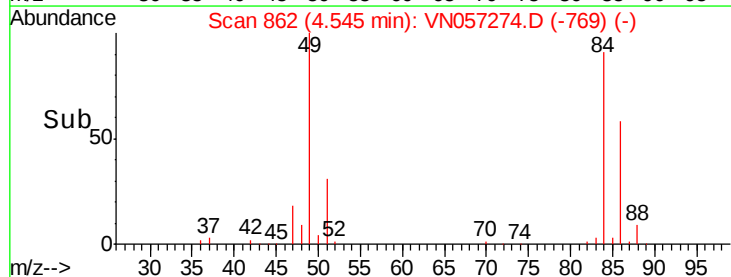
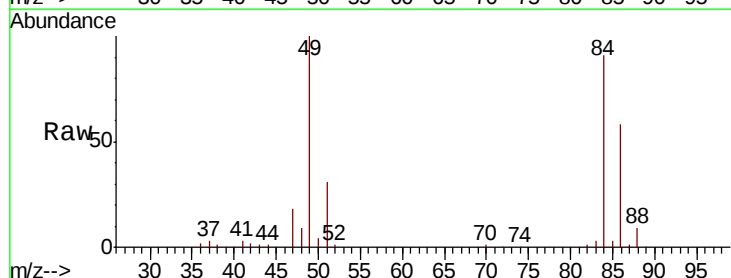
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

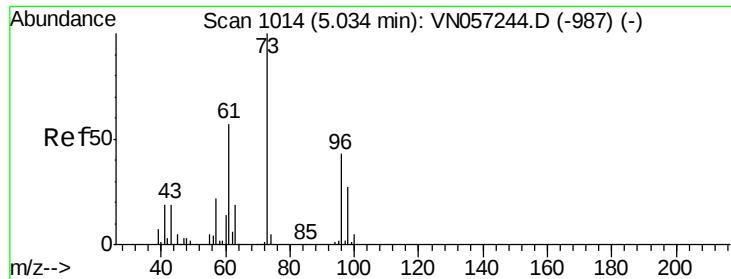
Tgt Ion: 73 Resp: 1603427
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 49.960 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 84 Resp: 599516
Ion Ratio Lower Upper
84 100
49 109.2 85.9 128.9
51 34.0 27.1 40.7
86 63.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.374 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

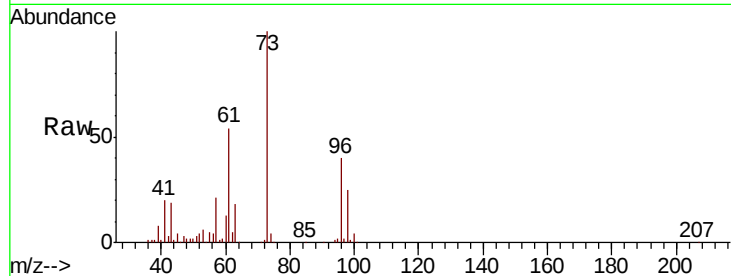
Tgt Ion: 96 Resp: 544017

Ion Ratio Lower Upper

96 100

61 136.1 104.6 156.8

98 64.4 49.7 74.5

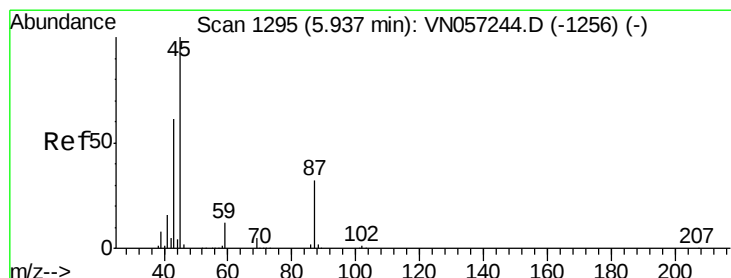
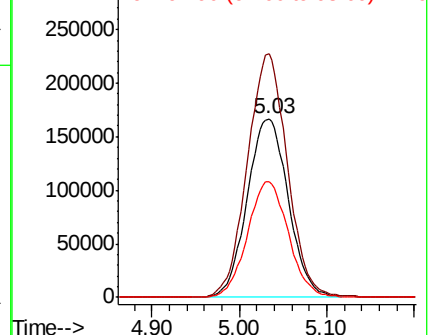
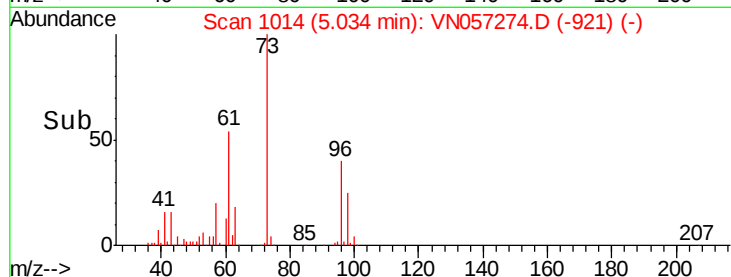


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.096 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Tgt Ion: 45 Resp: 1575206

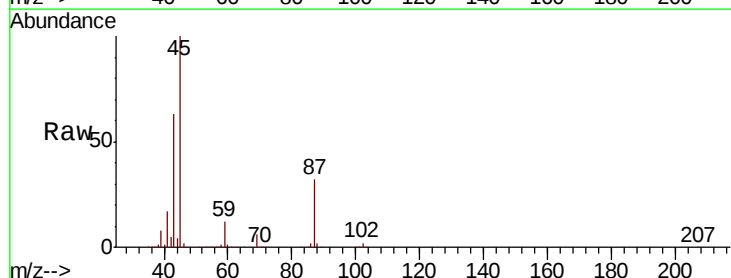
Ion Ratio Lower Upper

45 100

43 61.5 48.9 73.3

87 31.9 25.5 38.3

59 11.7 9.7 14.5



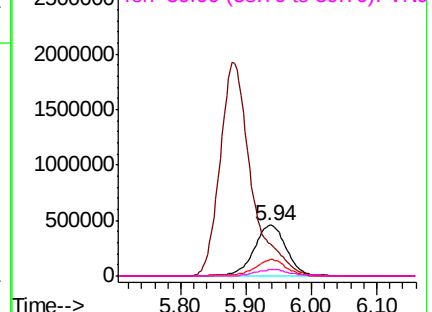
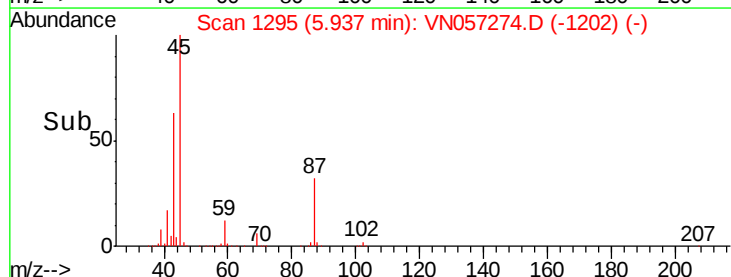
Abundance

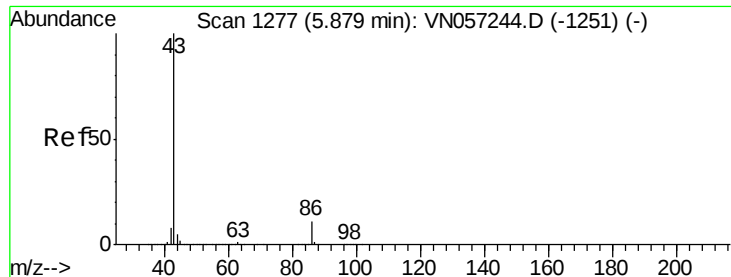
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

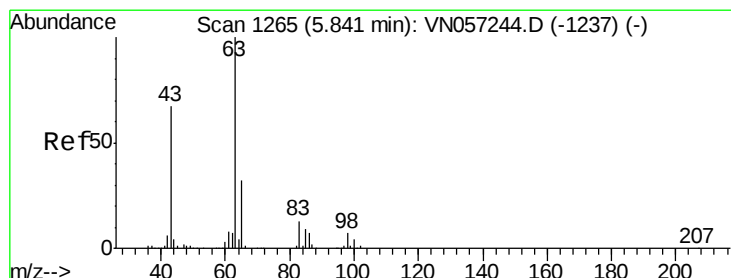
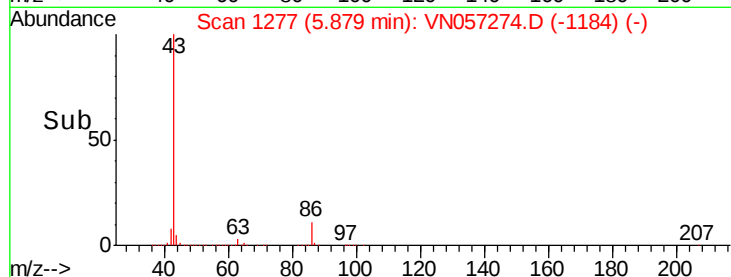
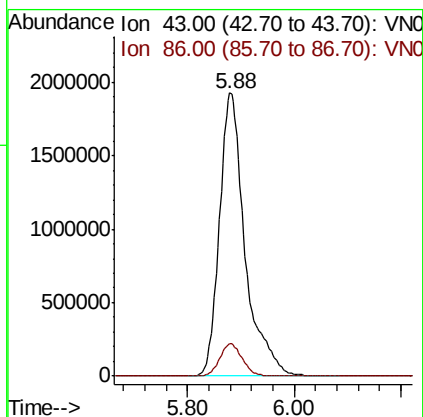
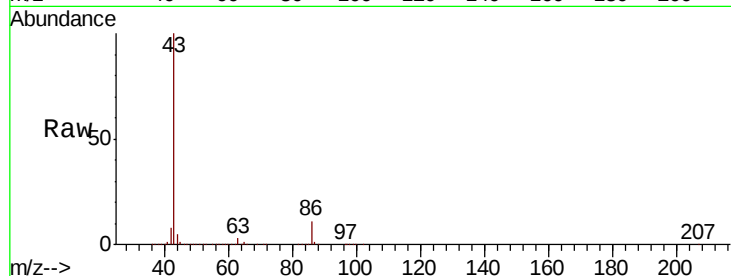




#23
 Vinyl Acetate
 Concen: 262.604 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

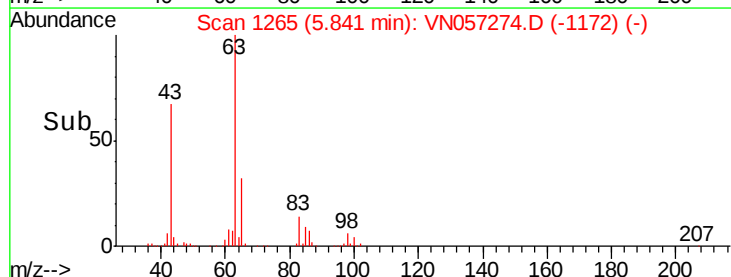
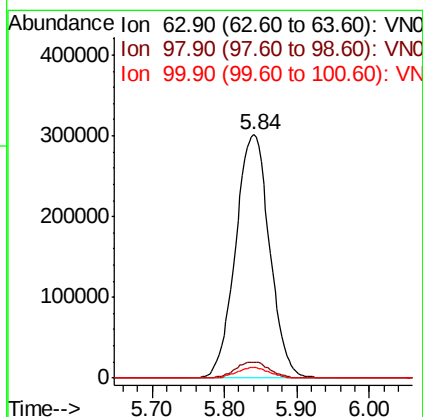
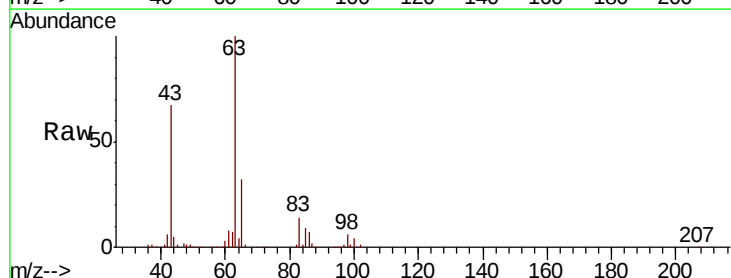
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

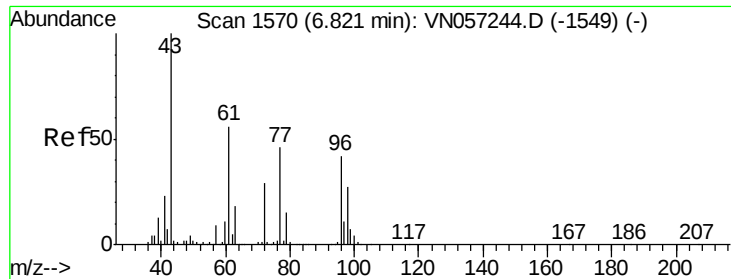
Tgt Ion: 43 Resp: 6415230
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 50.724 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 63 Resp: 985196
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.4 2.1 6.2

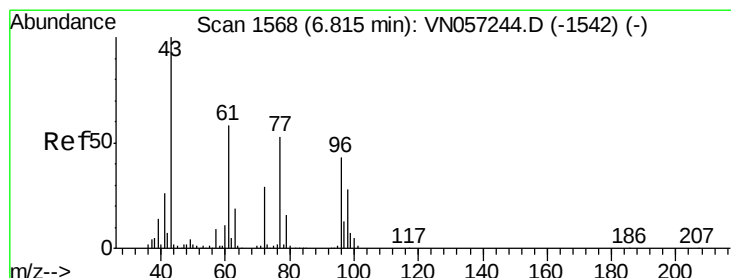
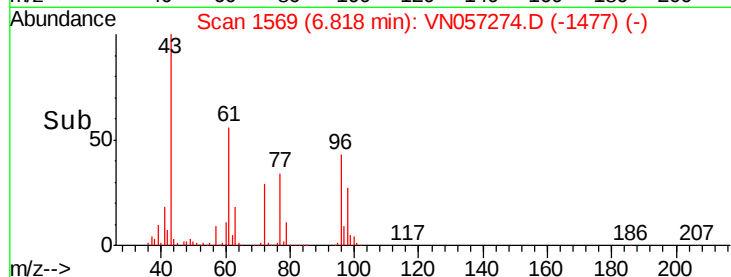
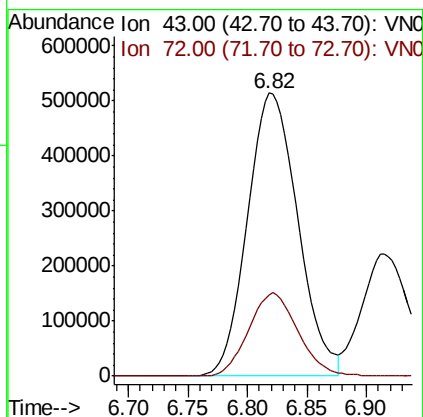
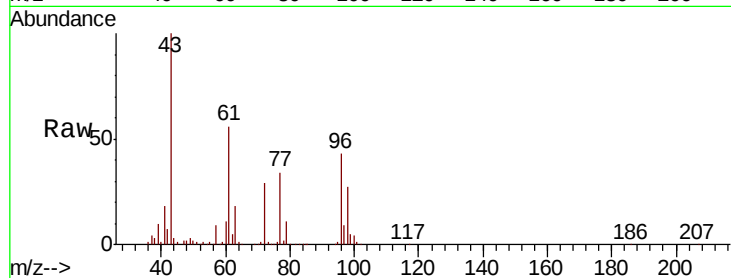




#25
 2-Butanone
 Concen: 257.465 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

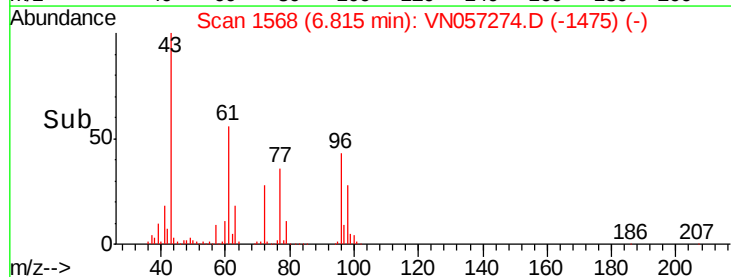
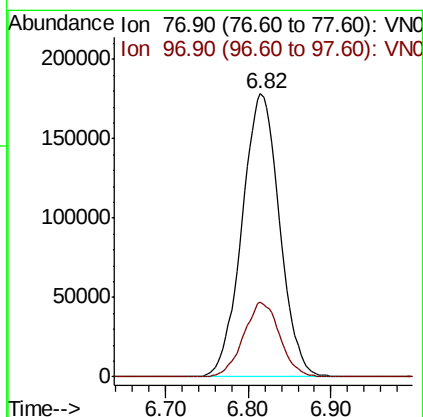
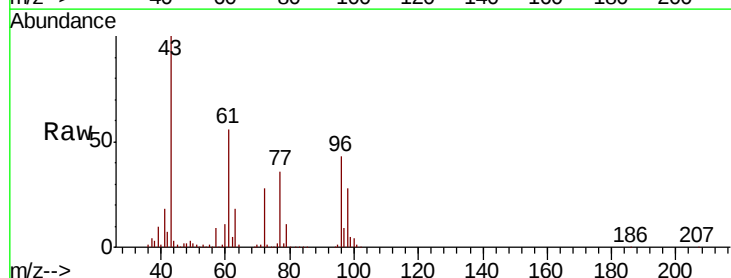
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

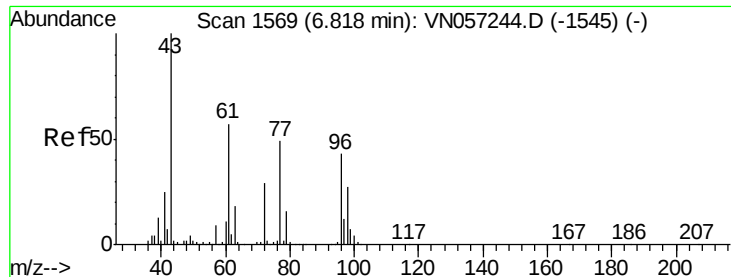
Tgt Ion: 43 Resp: 1503726
 Ion Ratio Lower Upper
 43 100
 72 28.9 23.1 34.7



#26
 2,2-Dichloropropane
 Concen: 35.199 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 77 Resp: 560908
 Ion Ratio Lower Upper
 77 100
 97 25.5 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 50.784 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

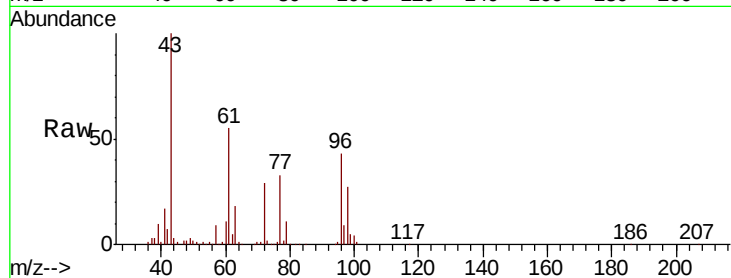
Tgt Ion: 96 Resp: 645251

Ion Ratio Lower Upper

96 100

61 130.1 0.0 271.0

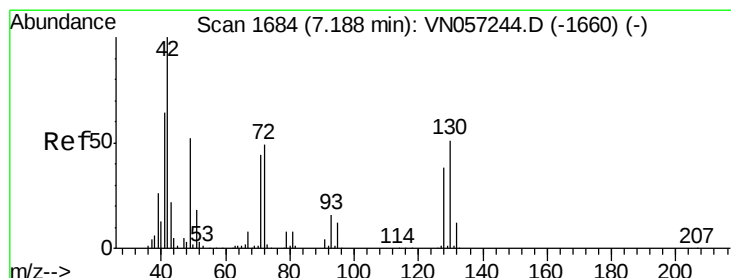
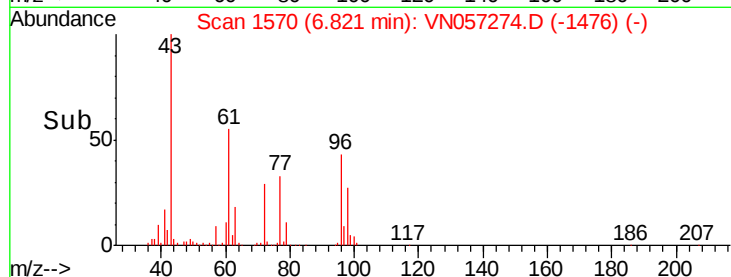
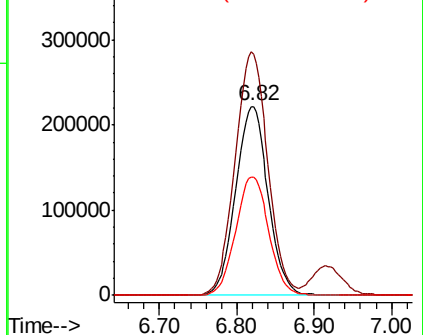
98 63.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN057274.D (-1570) (-)

Ion 60.90 (60.60 to 61.60): VN057274.D (-1570) (-)

Ion 97.90 (97.60 to 98.60): VN057274.D (-1570) (-)



#28

Bromochloromethane

Concen: 52.309 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

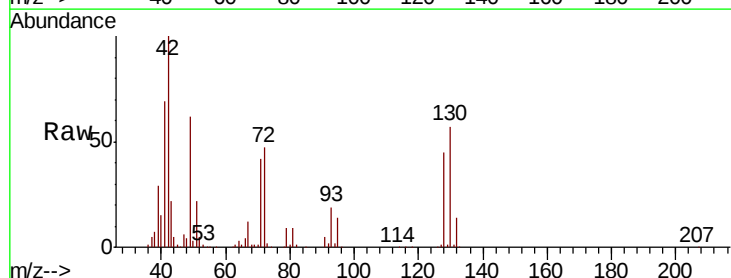
Tgt Ion: 49 Resp: 448321

Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.0

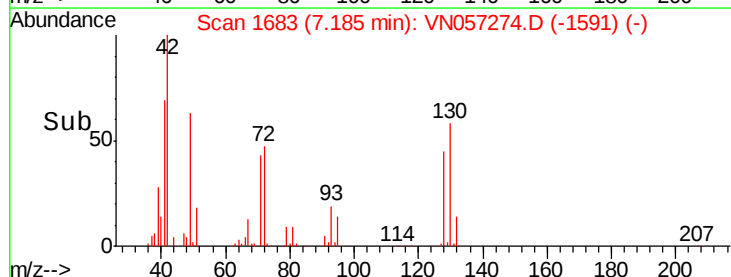
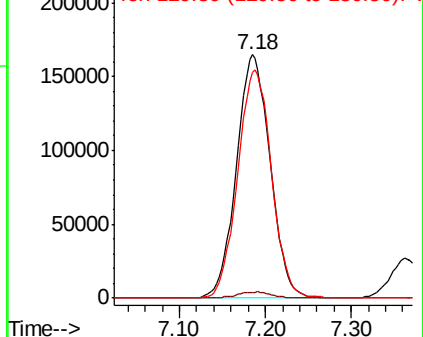
130 94.0 75.6 113.4

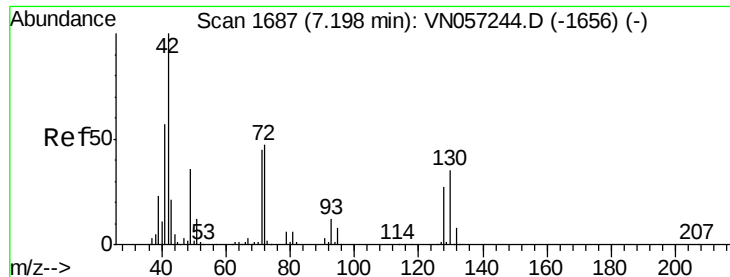


Abundance Ion 48.90 (48.60 to 49.60): VN057274.D (-1683) (-)

Ion 128.80 (128.50 to 129.50): VN057274.D (-1683) (-)

Ion 129.80 (129.50 to 130.50): VN057274.D (-1683) (-)





#29

Tetrahydrofuran

Concen: 265.139 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

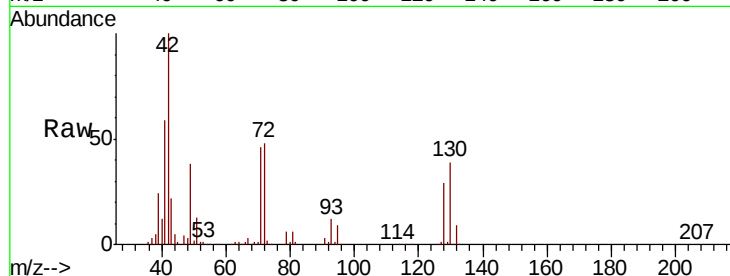
Tgt Ion: 42 Resp: 989935

Ion Ratio Lower Upper

42 100

72 47.2 37.6 56.4

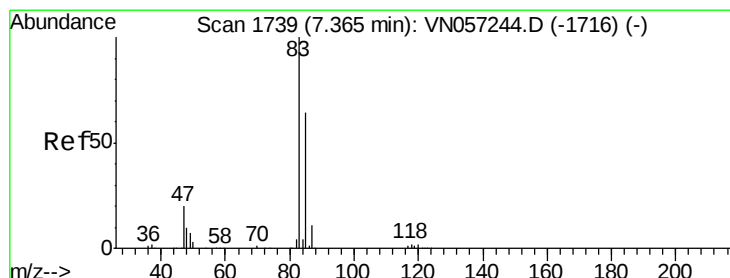
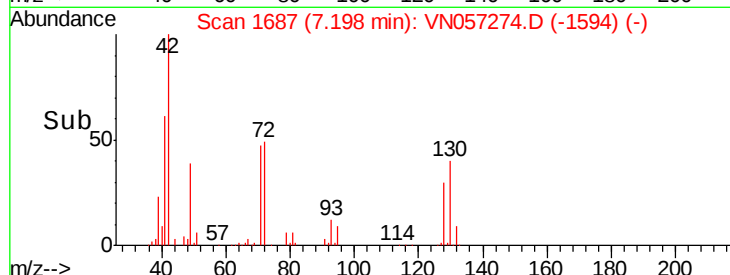
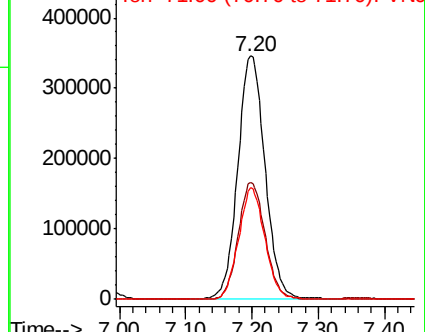
71 44.0 35.6 53.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.238 ug/l

RT: 7.36 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN057274.D

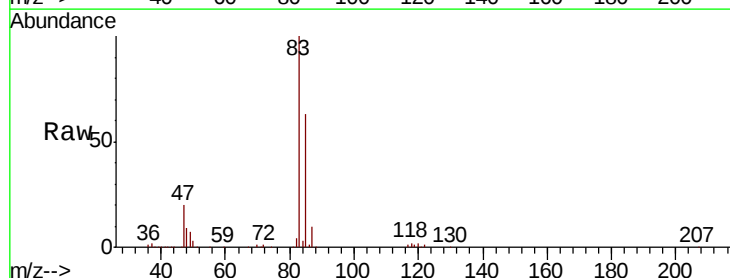
Acq: 14 Aug 2019 2:42

Tgt Ion: 83 Resp: 1019284

Ion Ratio Lower Upper

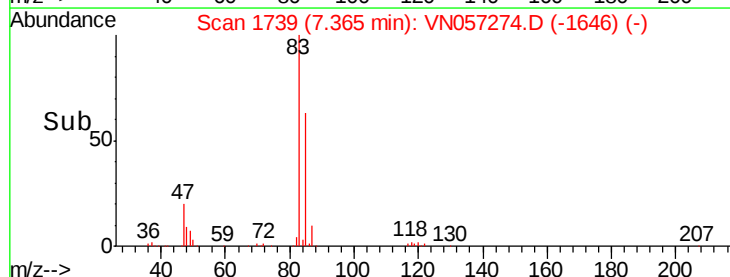
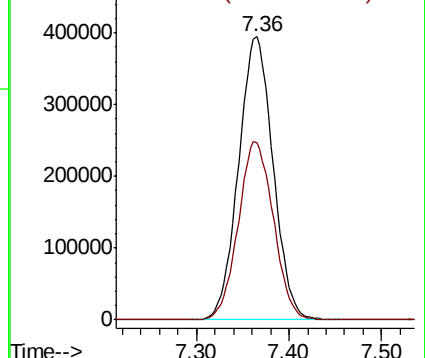
83 100

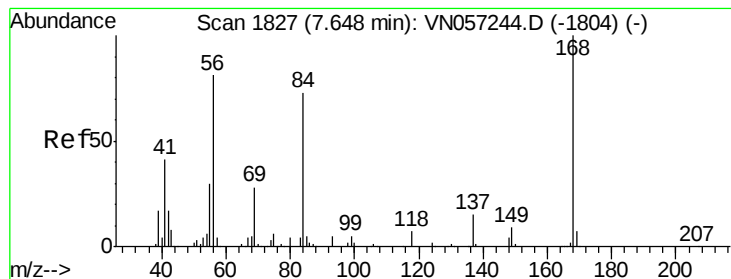
85 62.6 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 48.632 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

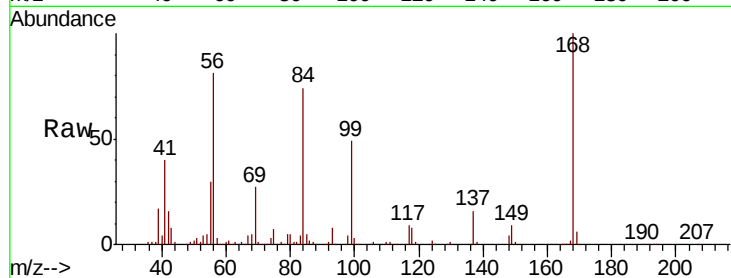
Tgt Ion: 56 Resp: 825531

Ion Ratio Lower Upper

56 100

69 33.8 27.8 41.8

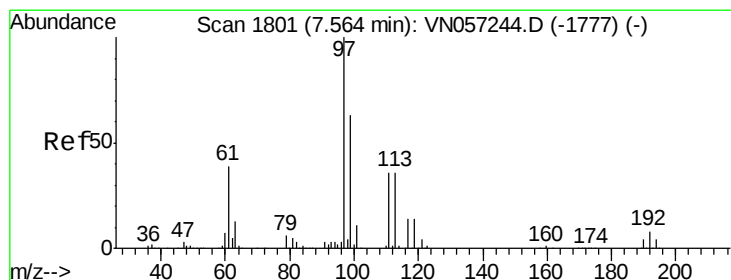
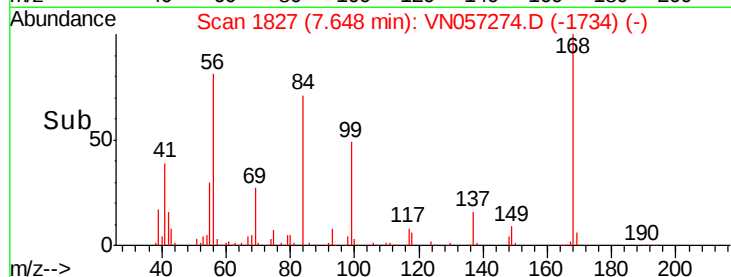
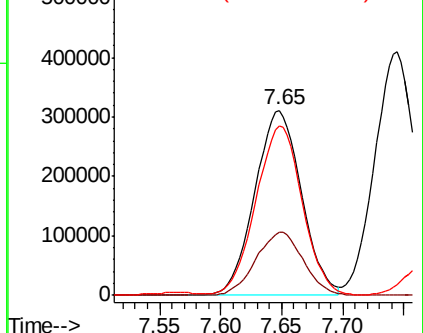
84 90.6 72.0 108.0



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: 52.478 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

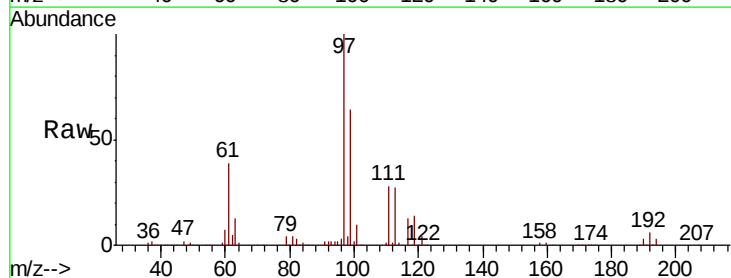
Tgt Ion: 97 Resp: 900611

Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

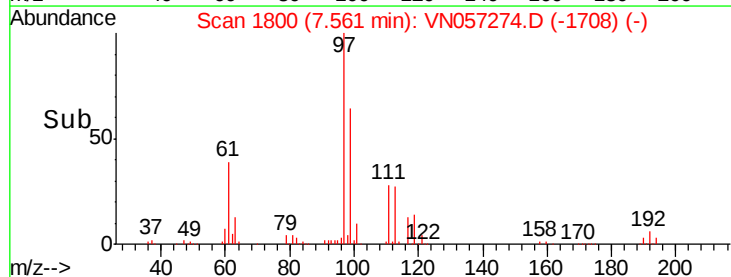
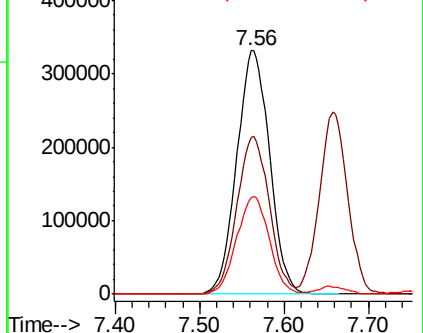
61 39.9 32.1 48.1

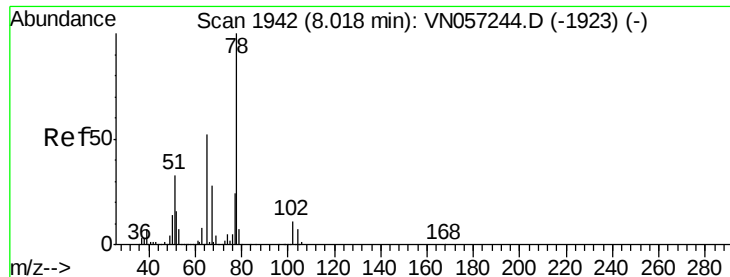


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.312 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

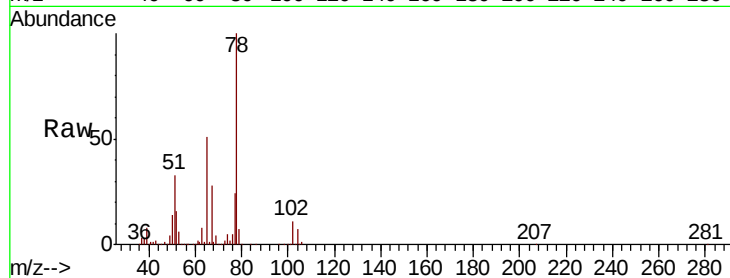
VSTDCCC050EC

Tgt Ion: 65 Resp: 614828

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN057274.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057274.D (-1923) (-)

8.02

250000

200000

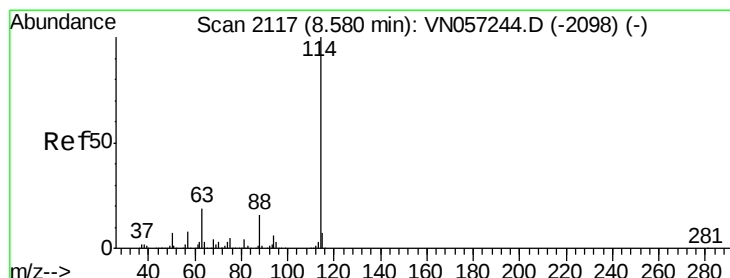
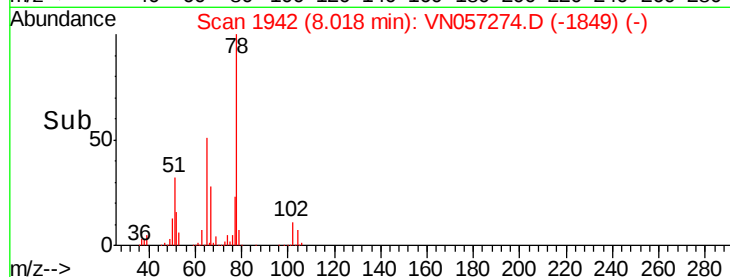
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

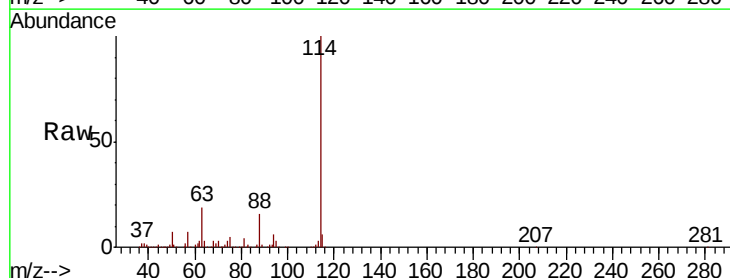
Tgt Ion: 114 Resp: 1793722

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.0

88 15.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN057274.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057274.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057274.D (-2098) (-)

8.58

1200000

1000000

800000

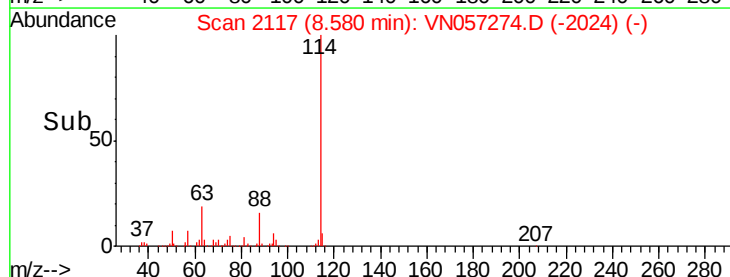
600000

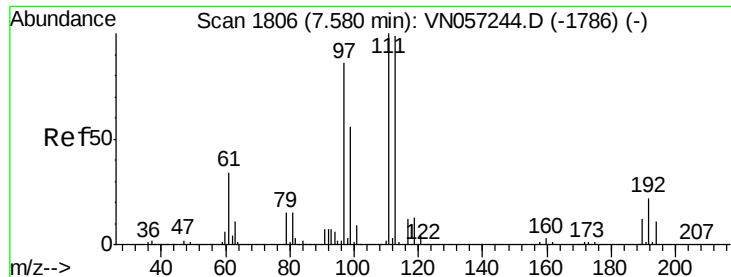
400000

200000

0

Time--> 8.50 8.60 8.70

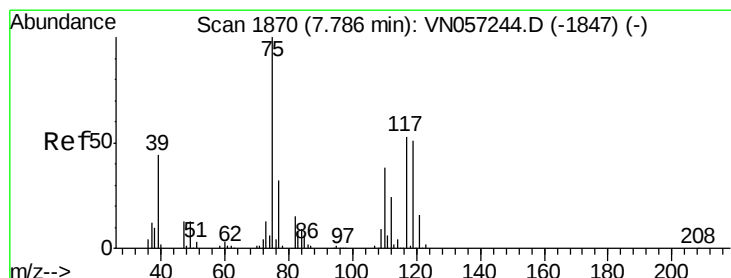
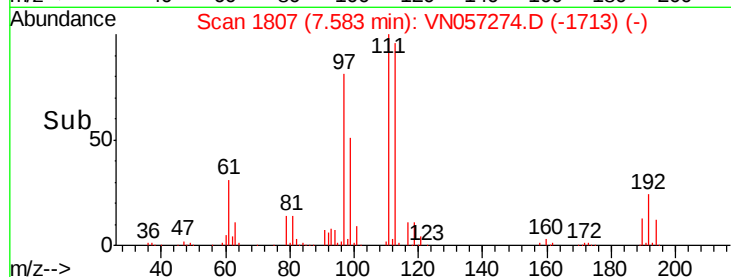
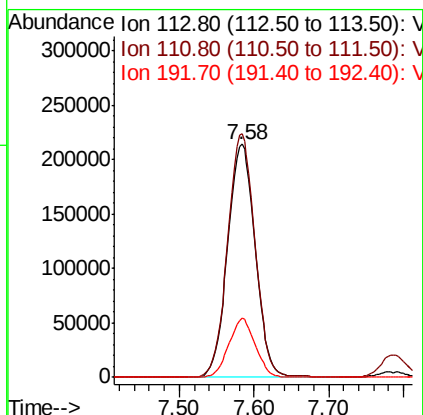
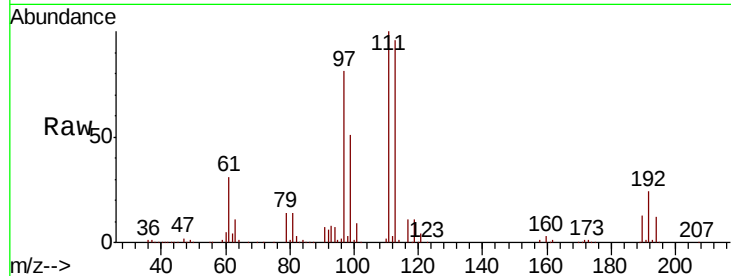




#35
 Dibromofluoromethane
 Concen: 47.977 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

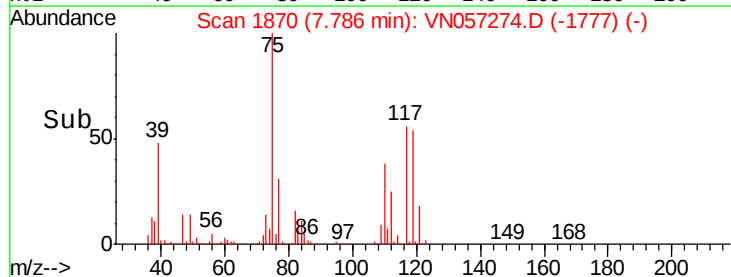
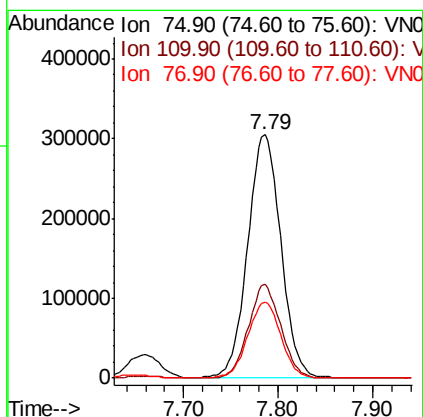
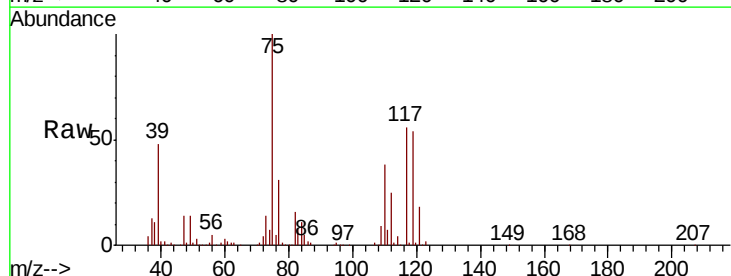
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

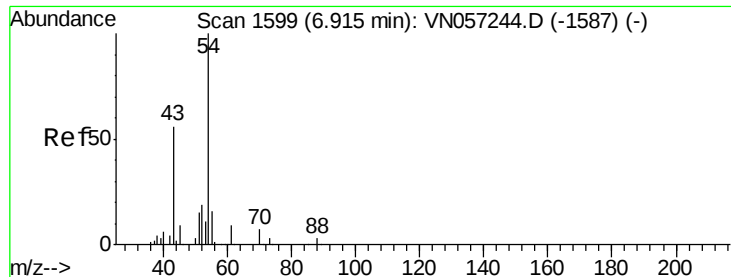
Tgt Ion: 113 Resp: 549494
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 24.1 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 47.237 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 75 Resp: 740783
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.1 57.1
 77 31.6 25.2 37.8

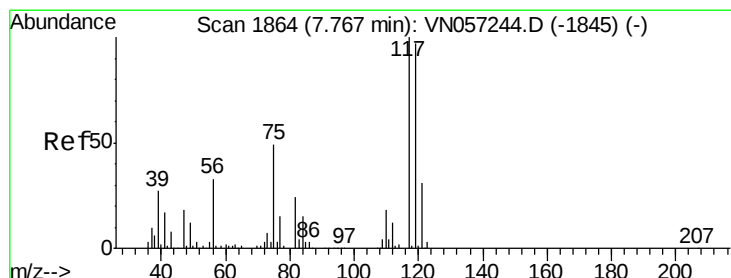
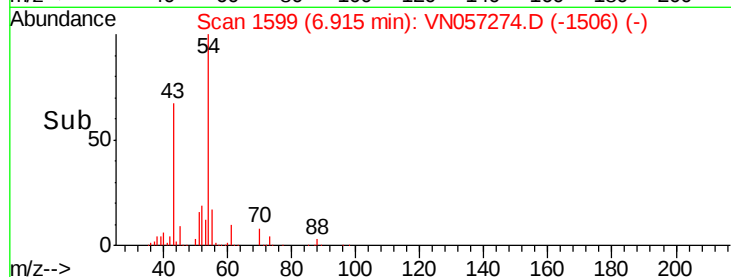
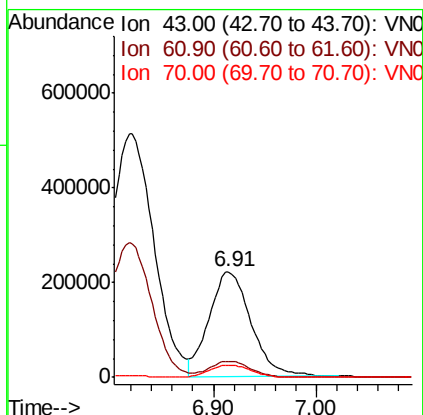
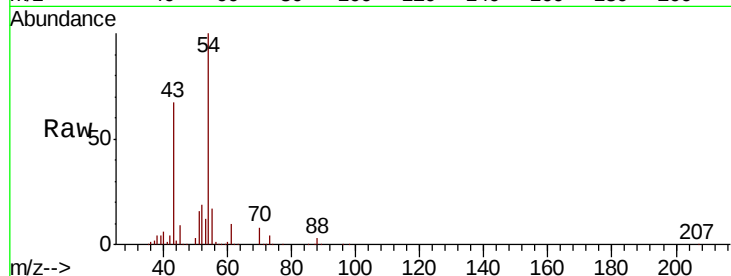




#37
Ethyl Acetate
Concen: 49.626 ug/l
RT: 6.91 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

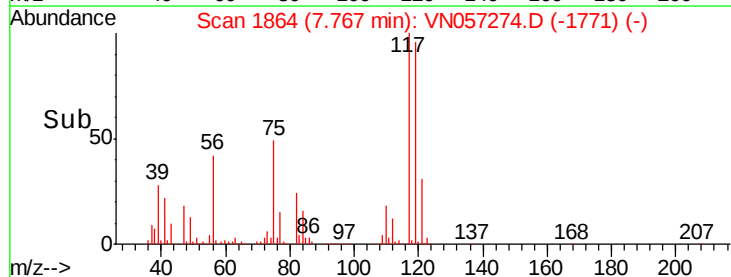
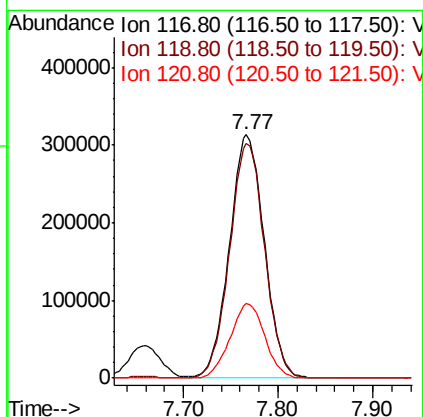
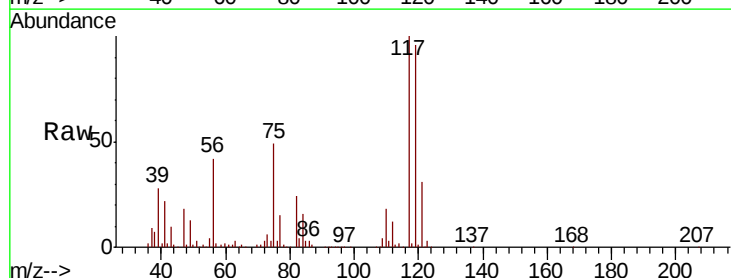
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

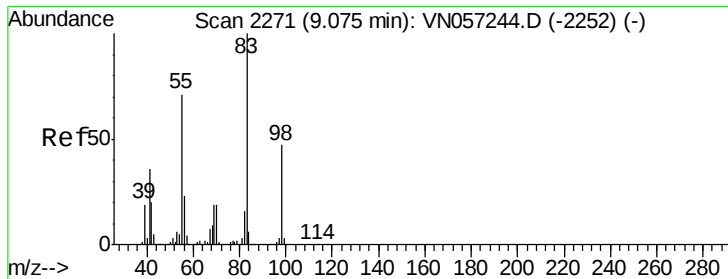
Tgt Ion: 43 Resp: 625525
Ion Ratio Lower Upper
43 100
61 15.2 12.7 19.1
70 11.6 9.0 13.4



#38
Carbon Tetrachloride
Concen: 48.063 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 117 Resp: 800669
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.6
121 30.5 24.9 37.3

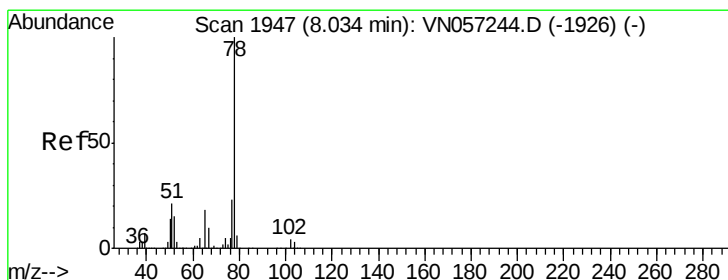
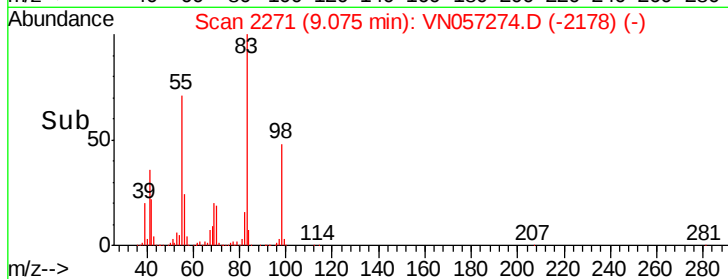
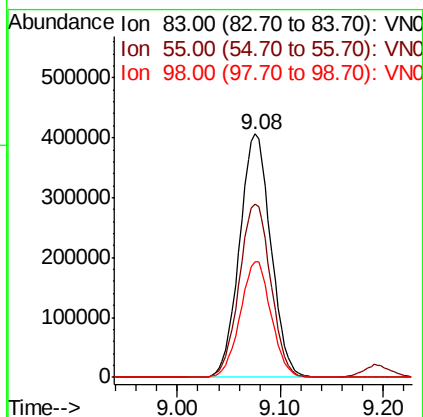
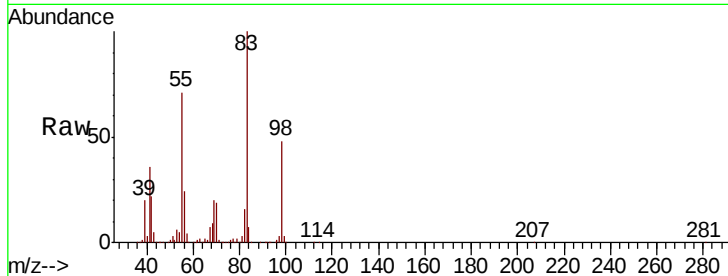




#39
Methylcyclohexane
Concen: 46.239 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

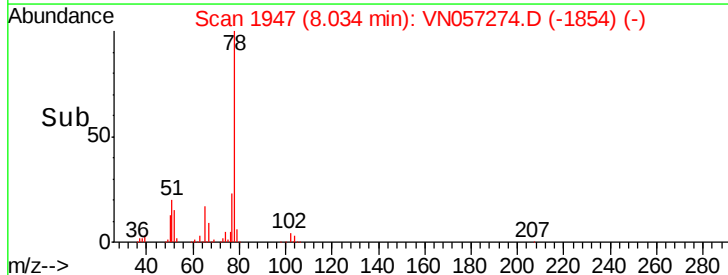
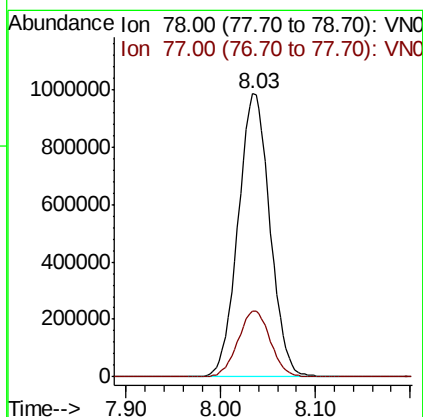
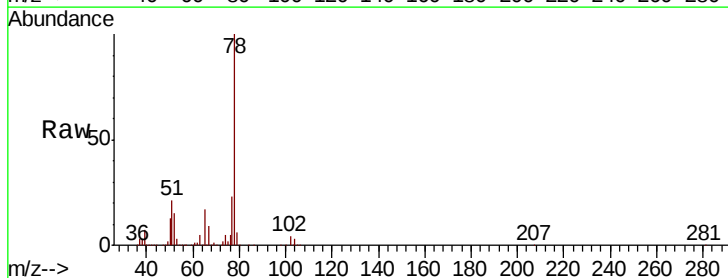
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

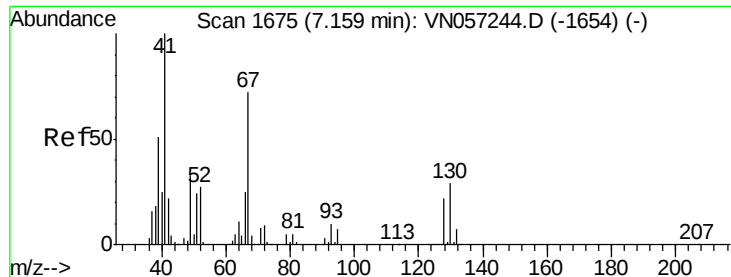
Tgt Ion: 83 Resp: 858543
Ion Ratio Lower Upper
83 100
55 71.3 57.0 85.4
98 47.7 37.2 55.8



#40
Benzene
Concen: 48.375 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 78 Resp: 2304684
Ion Ratio Lower Upper
78 100
77 23.3 18.2 27.4

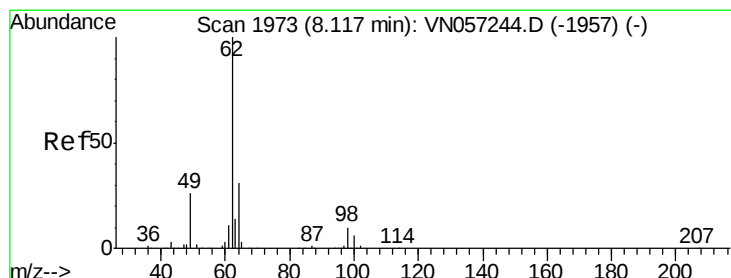
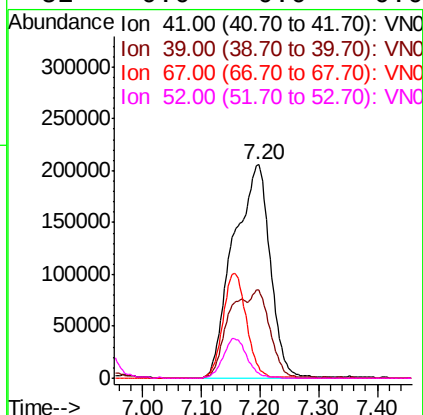
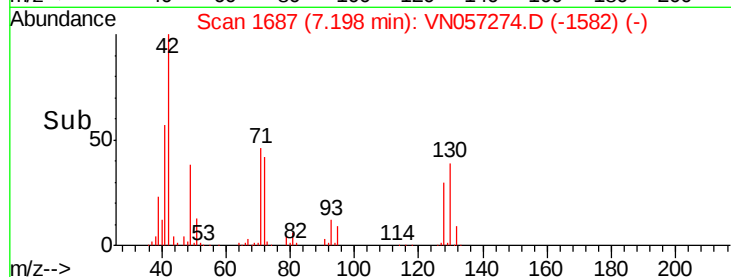
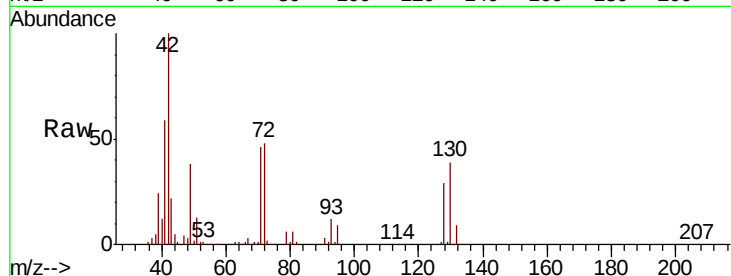




#41
Methacrylonitrile
Concen: 172.826 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

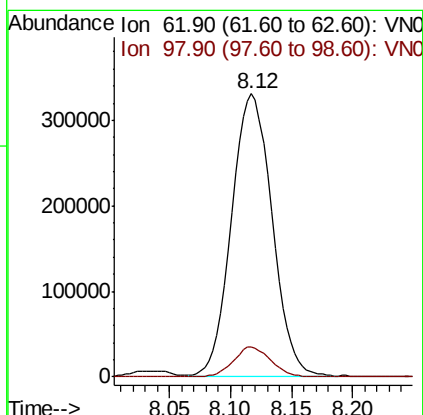
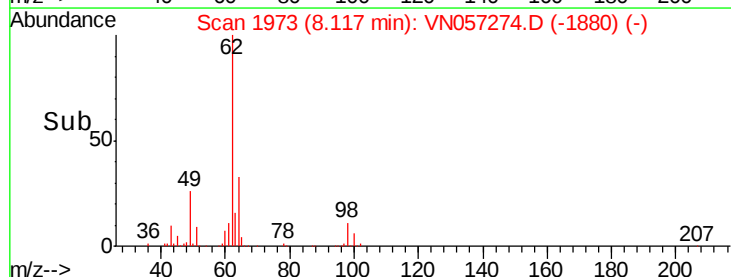
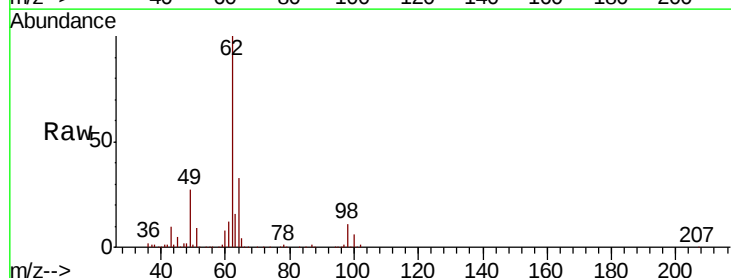
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

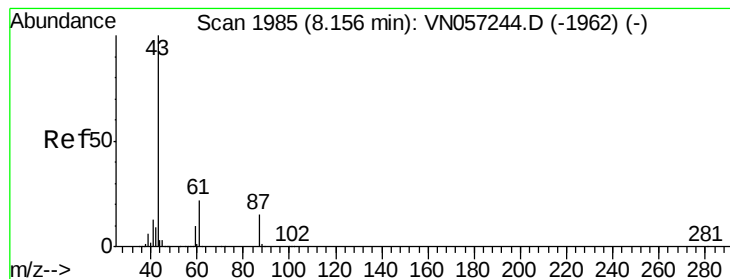
Tgt Ion:	41	Resp:	896483
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.808 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion:	62	Resp:	760410
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 70.614 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

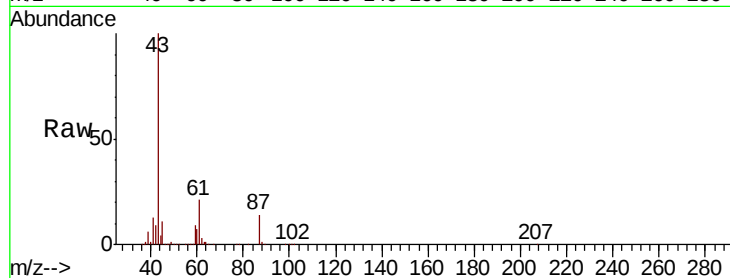
Tgt Ion: 43 Resp: 1465854

Ion Ratio Lower Upper

43 100

61 21.6 23.5 35.3#

87 11.1 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VN057274.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN057274.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN057274.D (-1962) (-)

600000

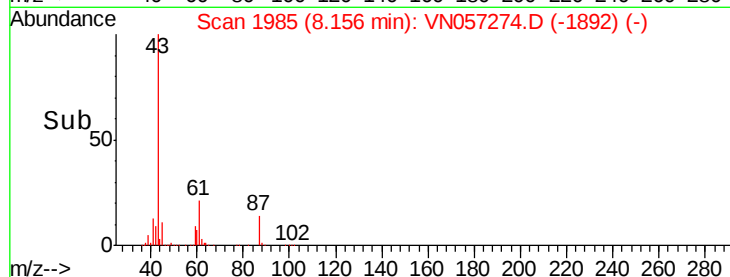
400000

200000

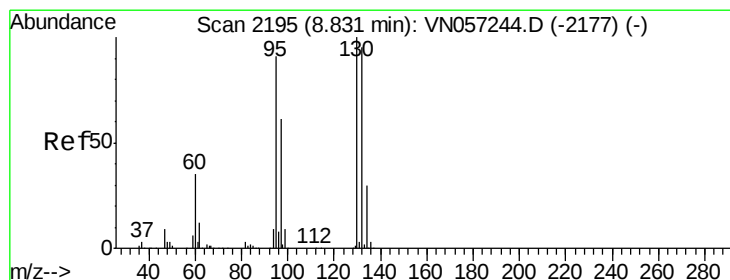
0

8.16

8.00 8.10 8.20 8.30



Time-->



#44

Trichloroethene

Concen: 47.389 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057274.D

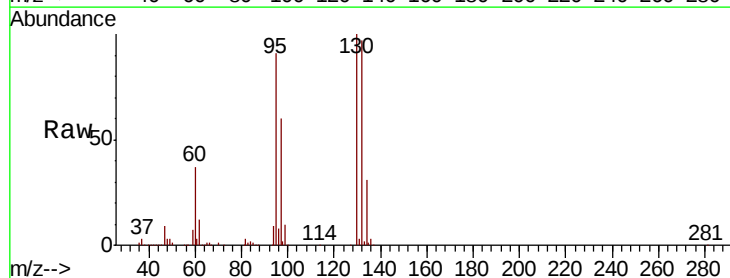
Acq: 14 Aug 2019 2:42

Tgt Ion: 130 Resp: 654456

Ion Ratio Lower Upper

130 100

95 91.2 0.0 181.8



Abundance Ion 129.80 (129.50 to 130.50): VN057274.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057274.D (-2177) (-)

300000

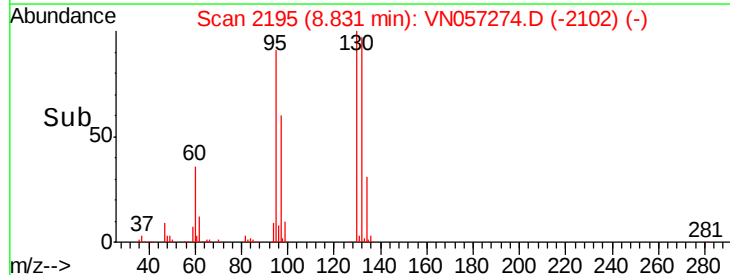
200000

100000

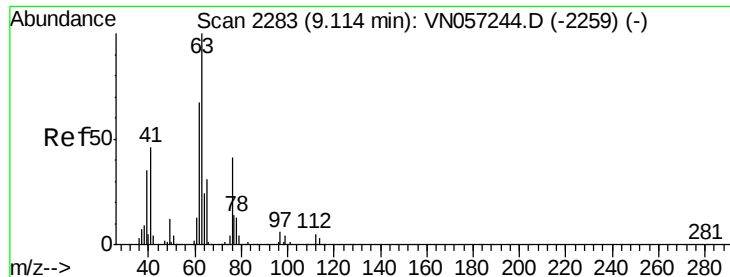
0

8.83

8.70 8.80 8.90 9.00



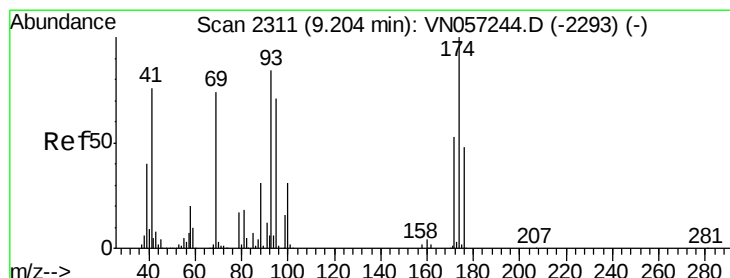
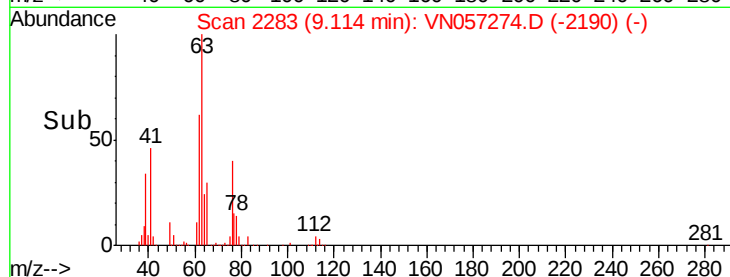
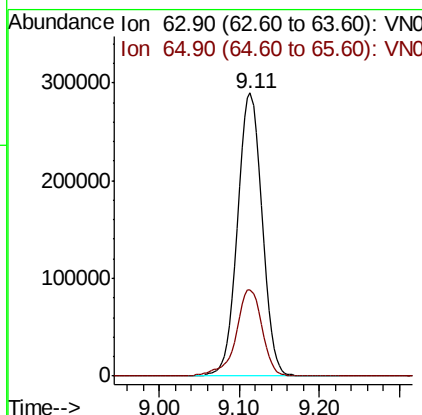
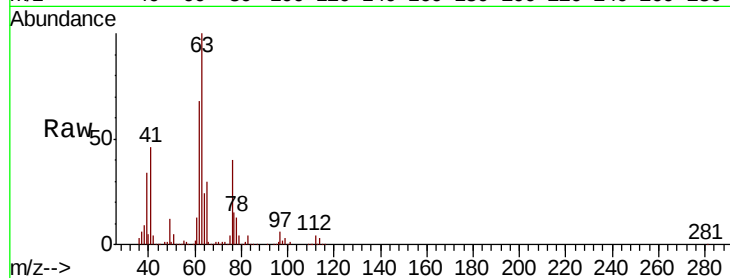
Time-->



#45
 1,2-Dichloropropane
 Concen: 49.495 ug/l
 RT: 9.11 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

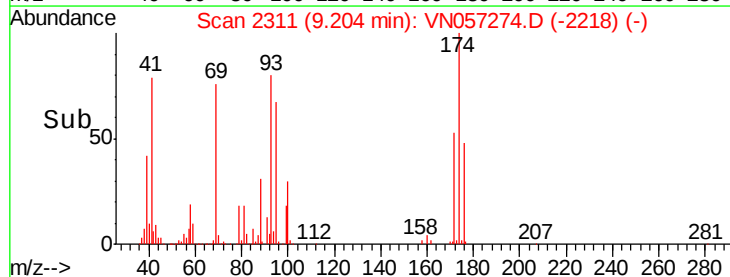
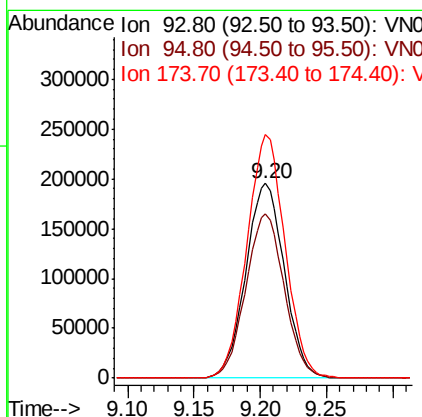
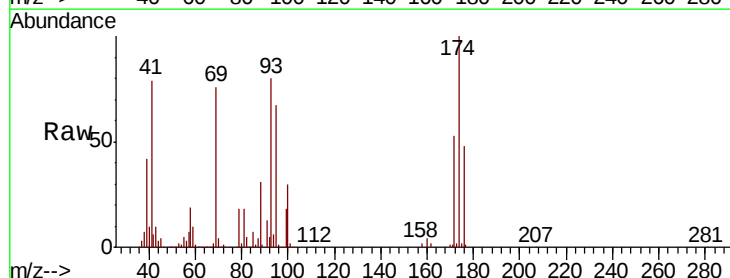
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

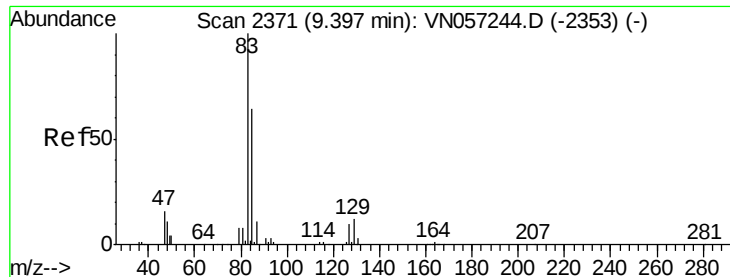
Tgt Ion: 63 Resp: 597389
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 48.536 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 93 Resp: 394982
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.4
 174 123.8 96.2 144.2





#47

Bromodichloromethane

Concen: 50.761 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

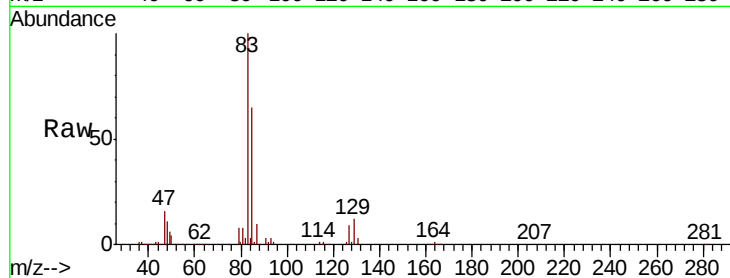
Tgt Ion: 83 Resp: 796422

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.0

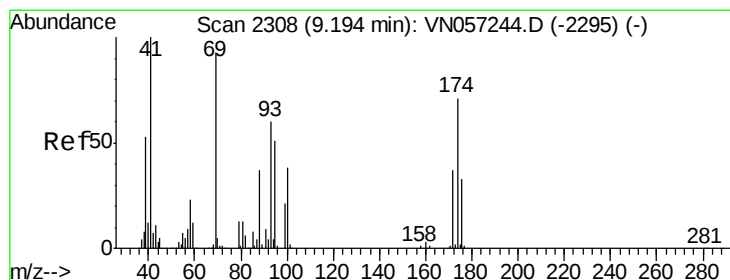
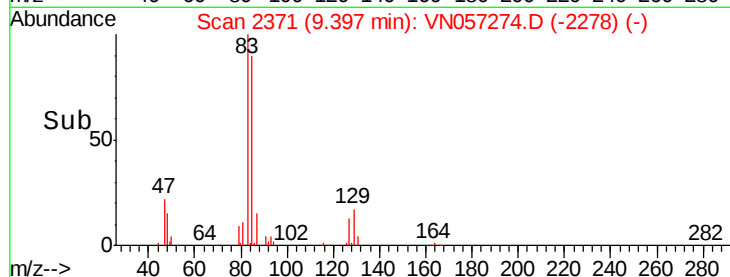
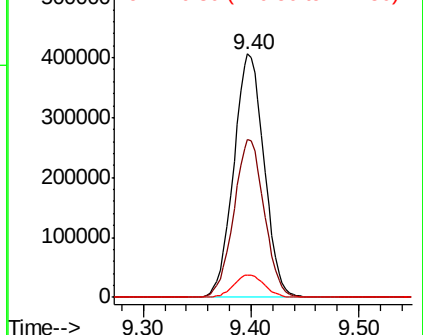
127 9.3 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 52.590 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

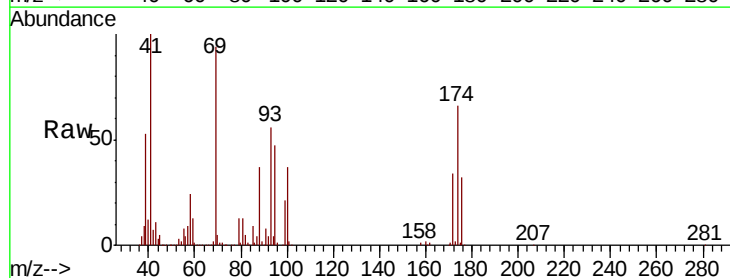
Tgt Ion: 41 Resp: 505144

Ion Ratio Lower Upper

41 100

69 96.7 75.7 113.5

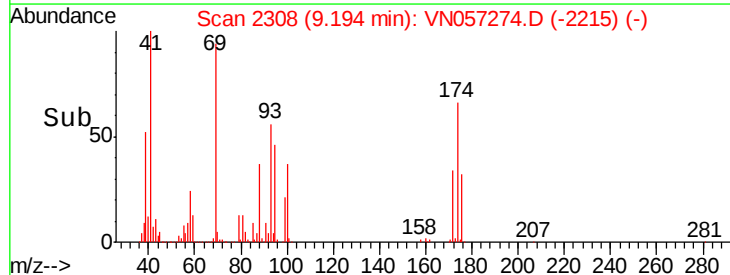
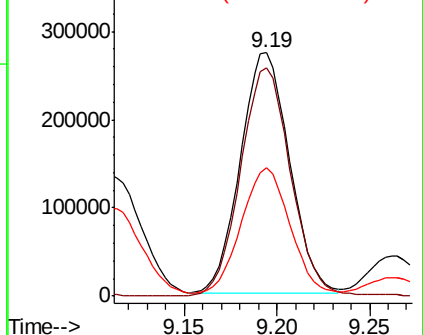
39 53.7 43.3 64.9

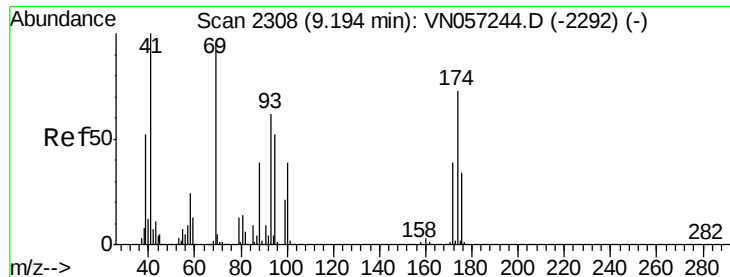


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

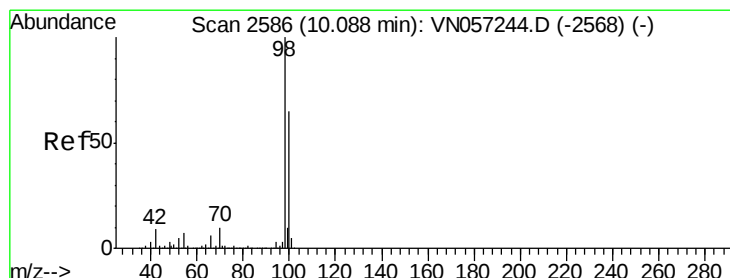
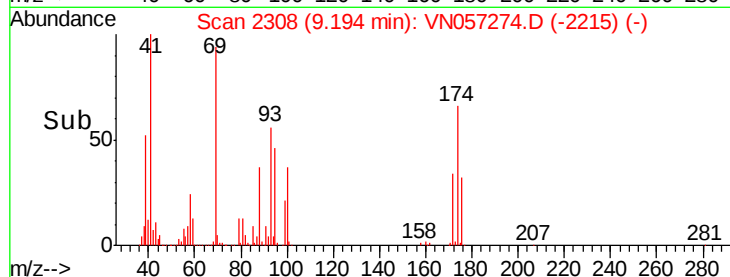
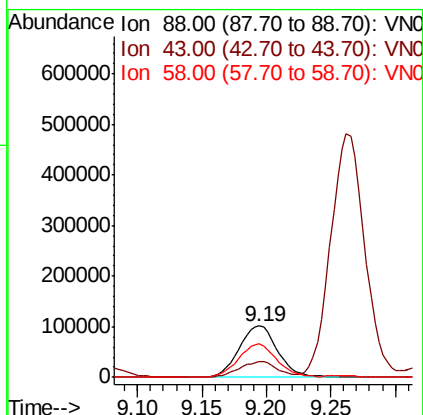
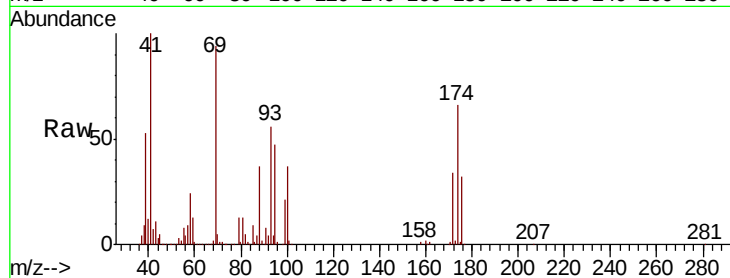




#49
1,4-Dioxane
Concen: 985.832 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

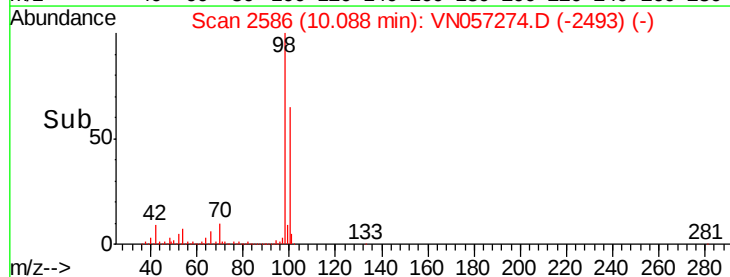
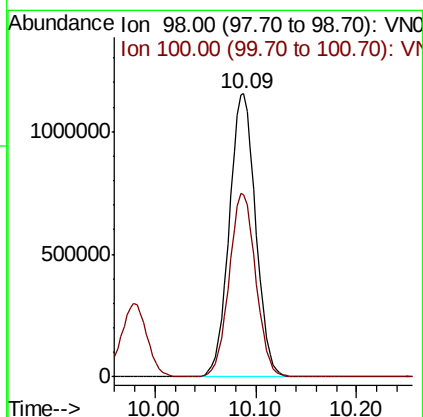
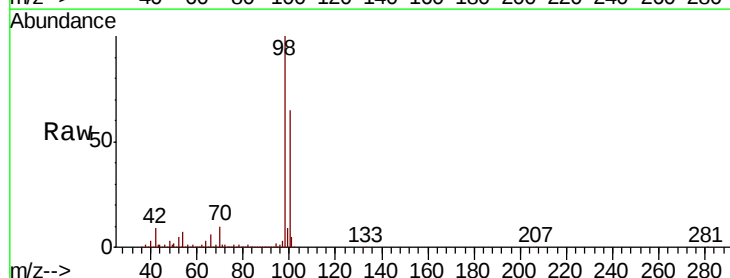
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

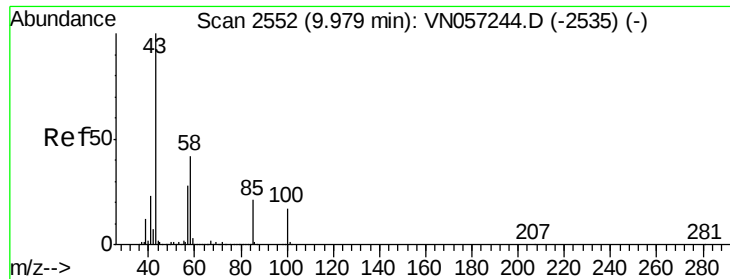
Tgt Ion: 88 Resp: 213395
Ion Ratio Lower Upper
88 100
43 28.1 20.7 31.1
58 64.8 52.0 78.0



#50
Toluene-d8
Concen: 50.330 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 98 Resp: 2102488
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

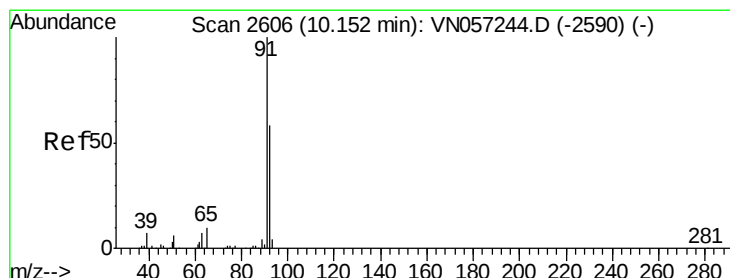
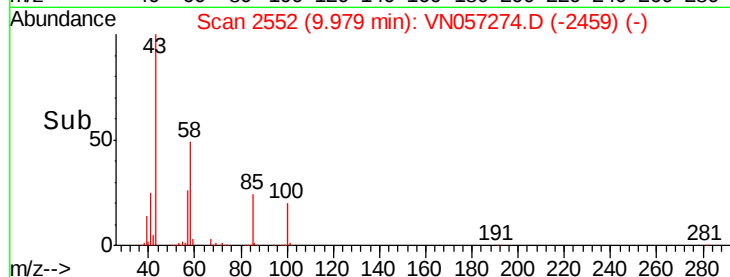
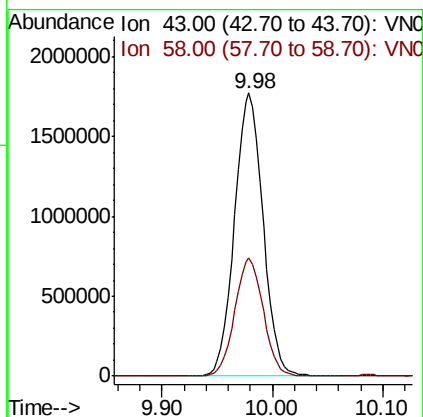
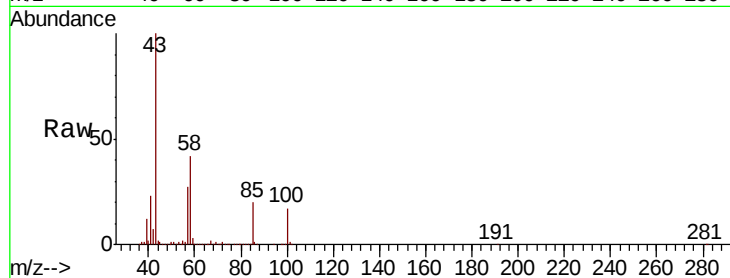




#51
 4-Methyl-2-Pentanone
 Concen: 259.396 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

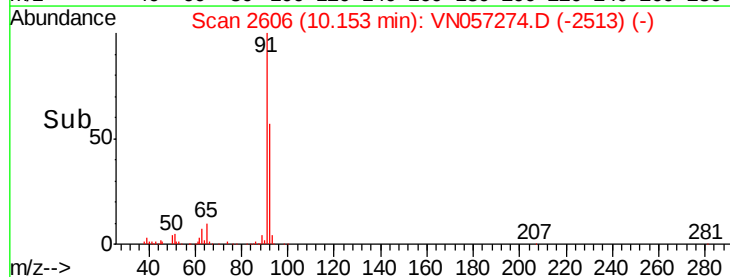
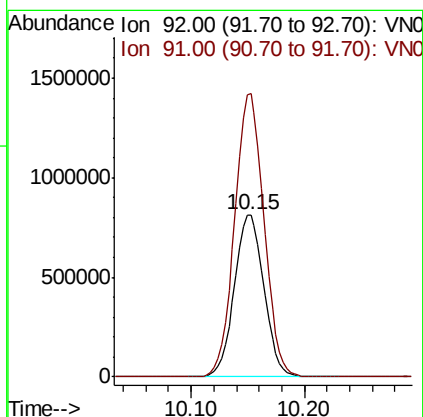
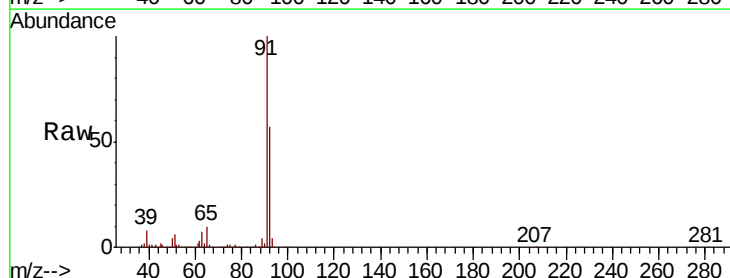
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

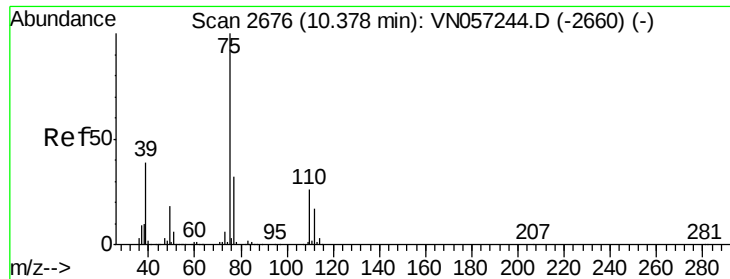
Tgt Ion: 43 Resp: 3161951
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.7 50.5



#52
 Toluene
 Concen: 49.951 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 92 Resp: 1478449
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 49.522 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

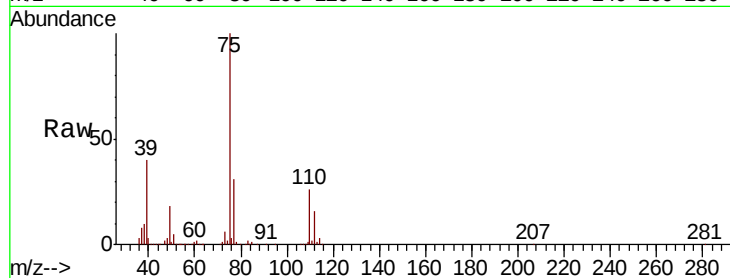
VSTDCCC050EC

Tgt Ion: 75 Resp: 831091

Ion Ratio Lower Upper

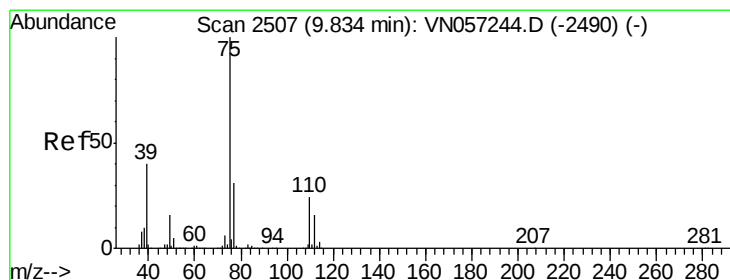
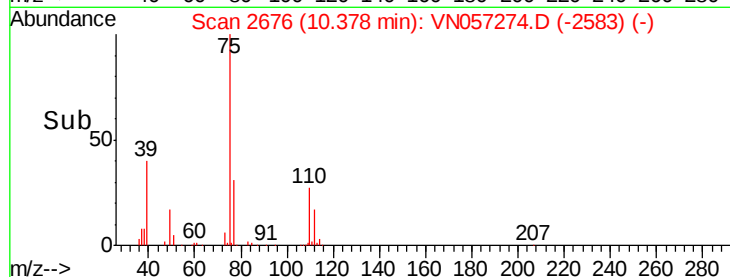
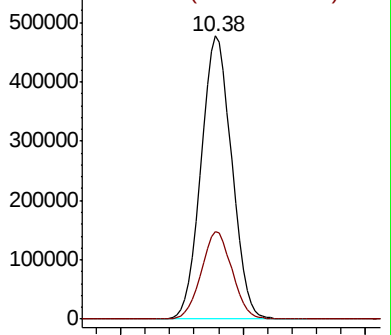
75 100

77 31.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.809 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

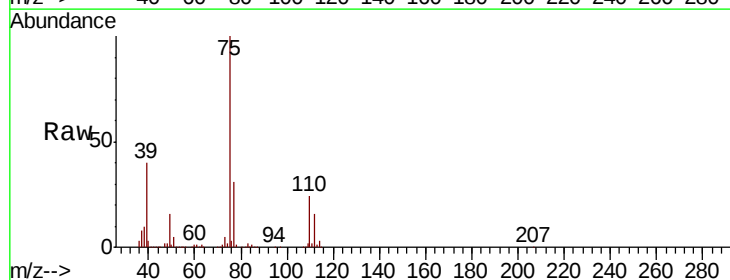
Tgt Ion: 75 Resp: 923173

Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.6

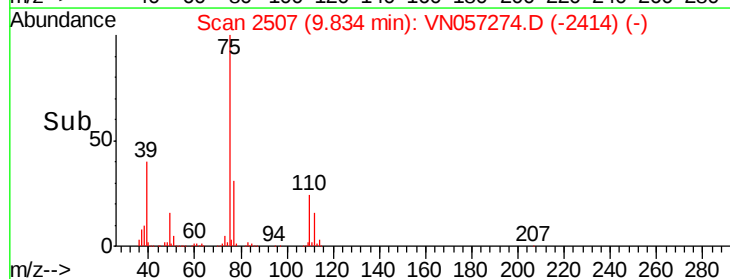
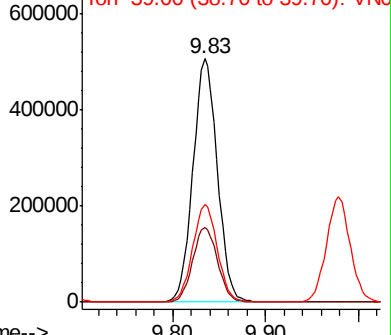
39 39.8 32.3 48.5

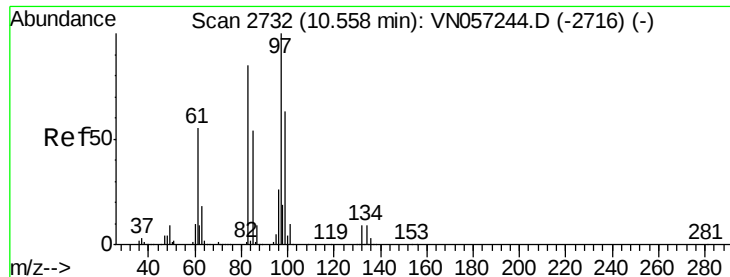


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 49.101 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 568055

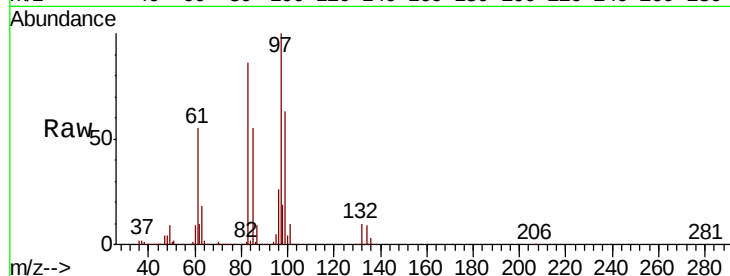
Ion Ratio Lower Upper

97 100

83 86.5 68.4 102.6

85 55.4 43.0 64.6

99 62.9 50.6 75.8

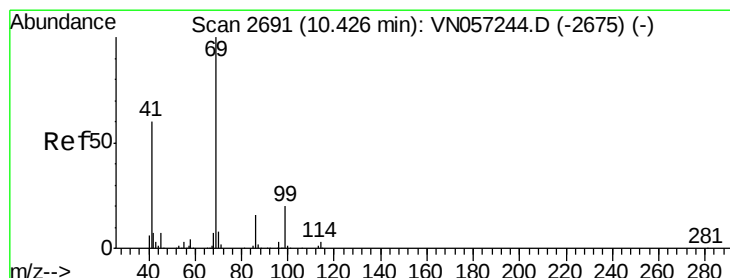
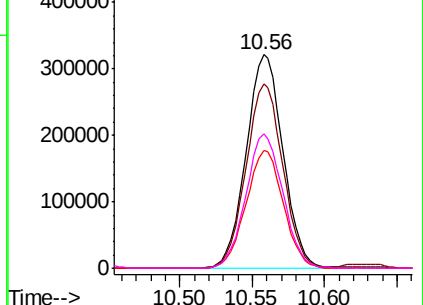
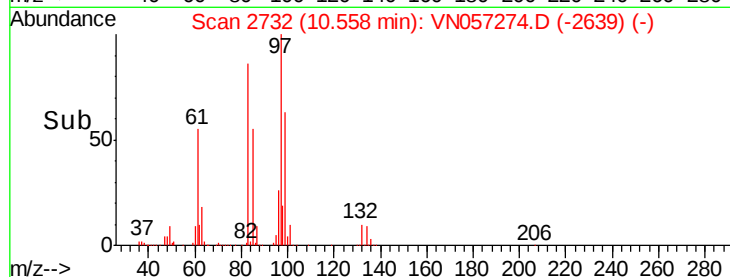


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.696 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

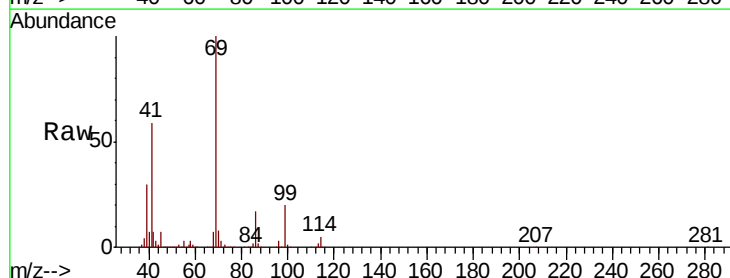
Tgt Ion: 69 Resp: 855330

Ion Ratio Lower Upper

69 100

41 59.3 47.6 71.4

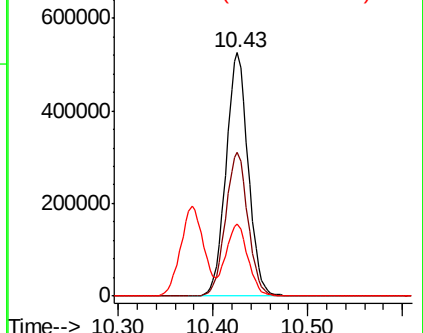
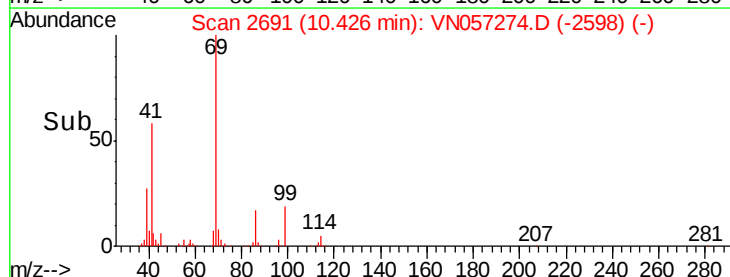
39 29.3 23.4 35.0

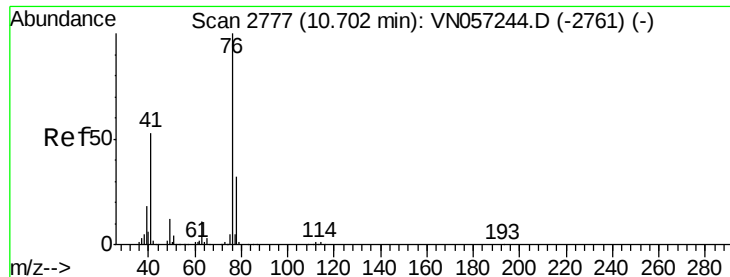


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.477 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

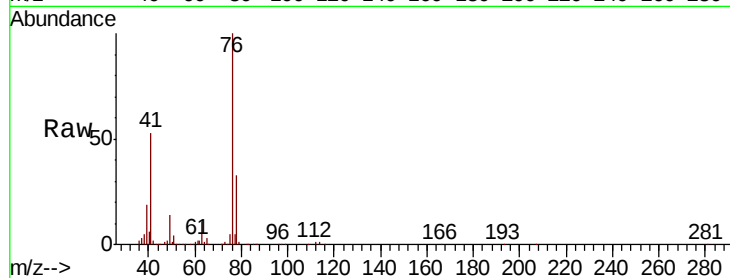
VSTDCCC050EC

Tgt Ion: 76 Resp: 944385

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN057274.D (-2684) (-)

Ion 77.90 (77.60 to 78.60): VN057274.D (-2684) (-)

10.70

500000

400000

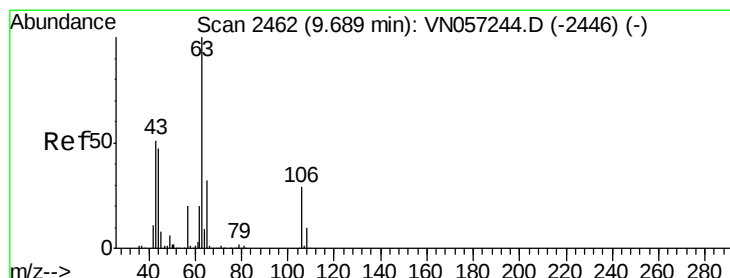
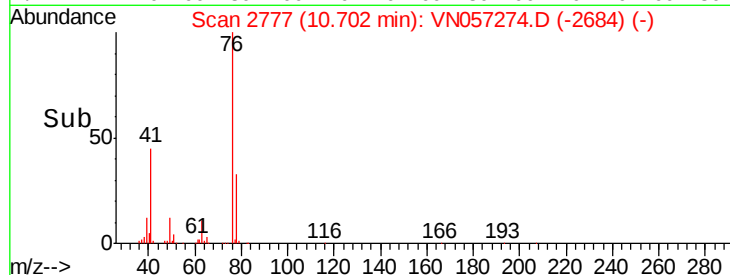
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 233.272 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057274.D

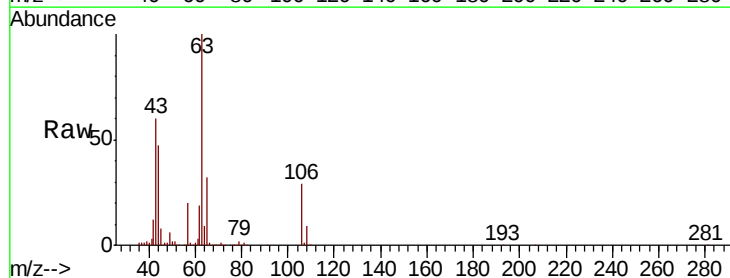
Acq: 14 Aug 2019 2:42

Tgt Ion: 63 Resp: 1099726

Ion Ratio Lower Upper

63 100

106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN057274.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN057274.D (-2369) (-)

9.69

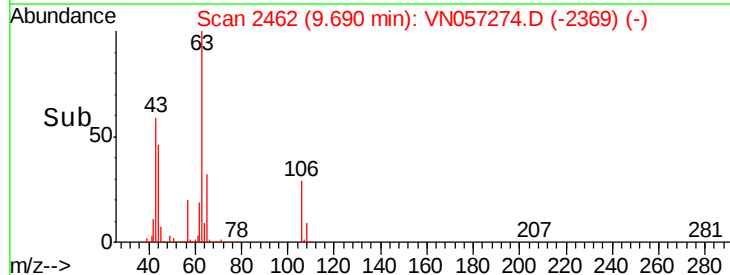
600000

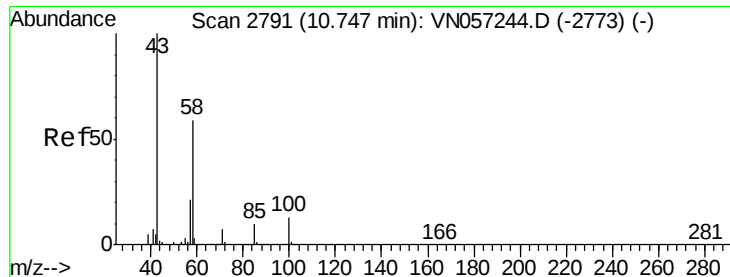
400000

200000

0

Time--> 9.60 9.70 9.80

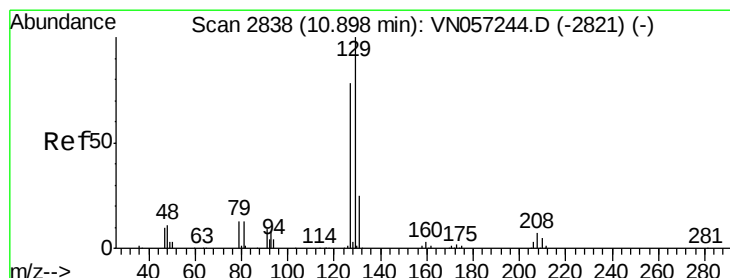
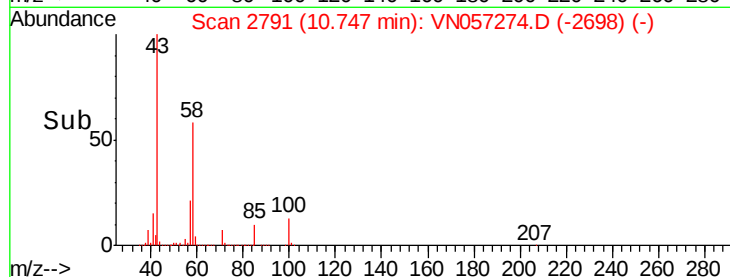
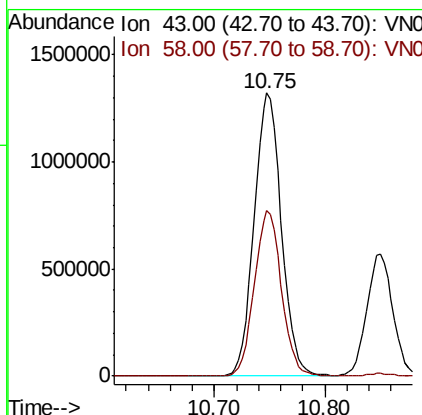
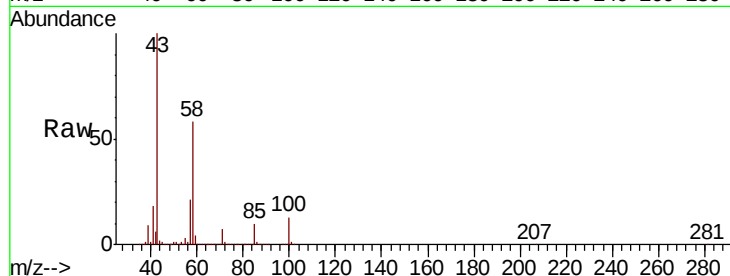




#59
2-Hexanone
Concen: 261.570 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

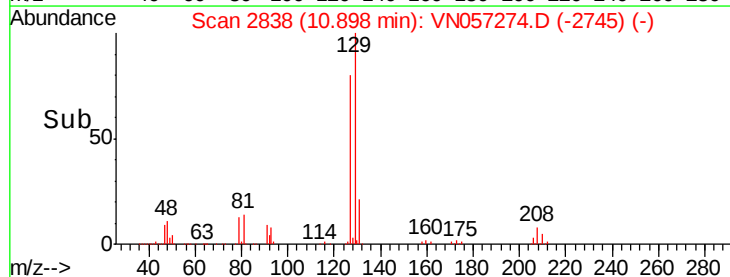
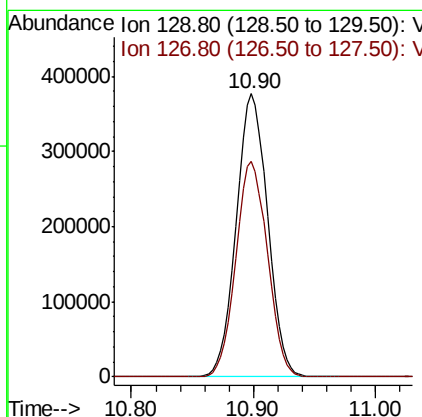
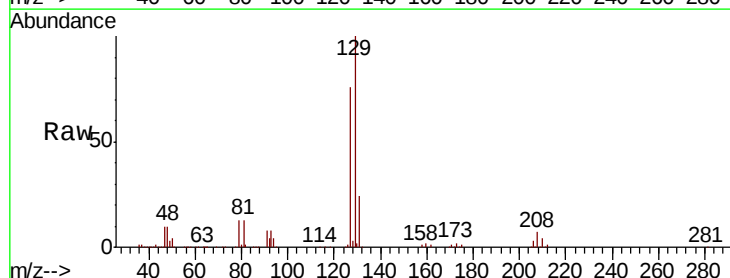
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

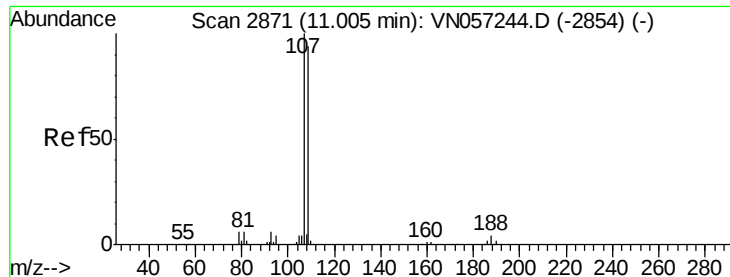
Tgt Ion: 43 Resp: 2262262
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.4



#60
Dibromochloromethane
Concen: 51.625 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 129 Resp: 669765
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

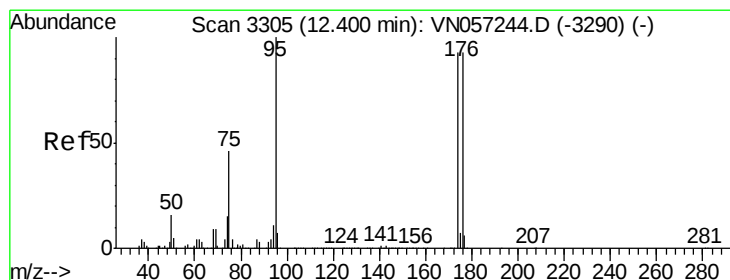
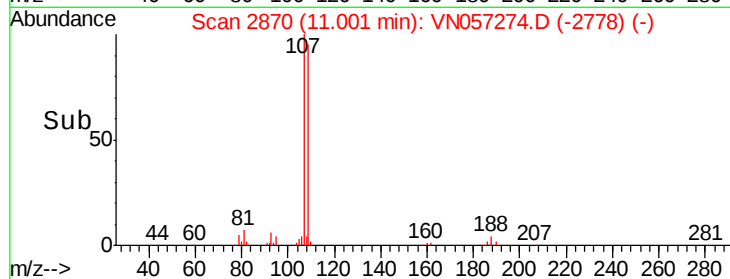
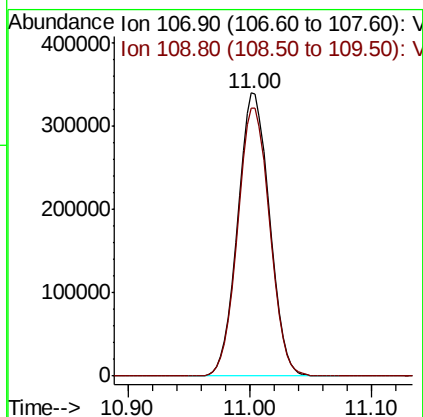
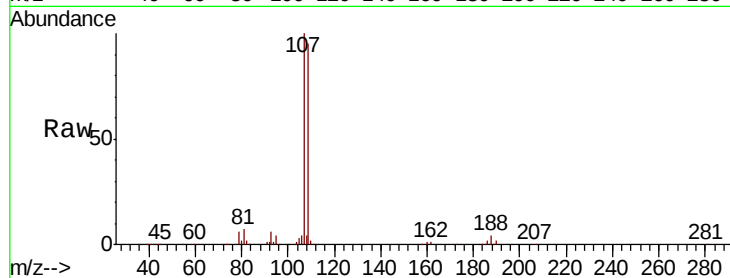




#61
 1,2-Dibromoethane
 Concen: 50.927 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

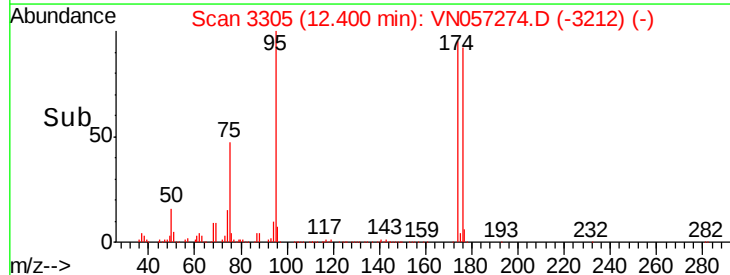
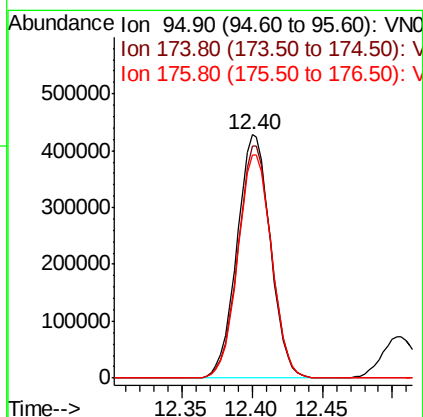
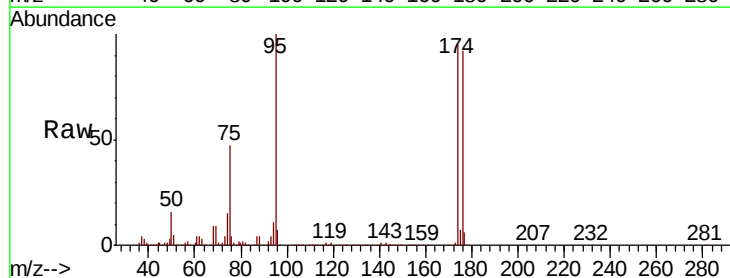
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

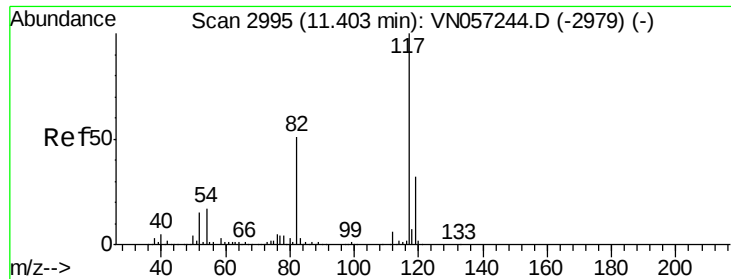
Tgt Ion: 107 Resp: 611674
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.526 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 95 Resp: 709523
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 187.6
 176 92.8 0.0 185.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

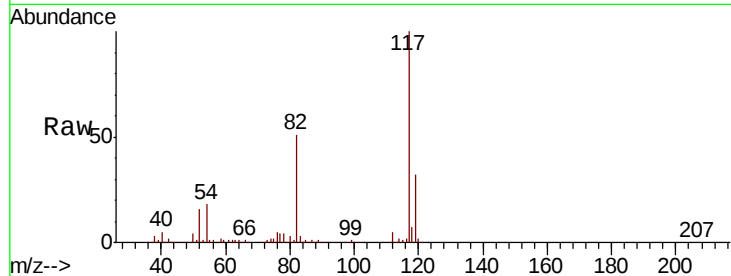
Tgt Ion:117 Resp: 1649047

Ion Ratio Lower Upper

117 100

82 50.8 40.9 61.3

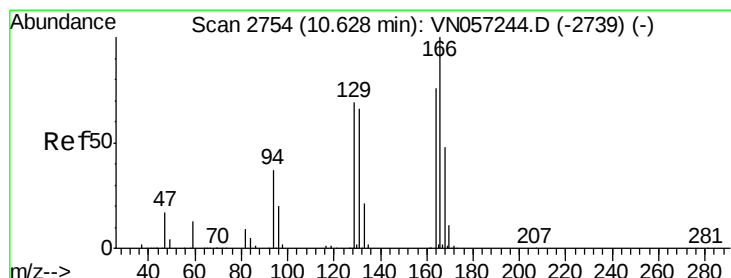
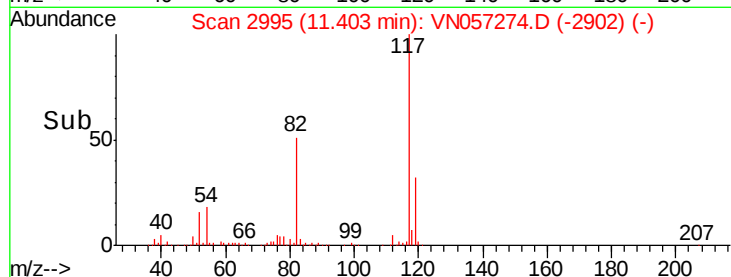
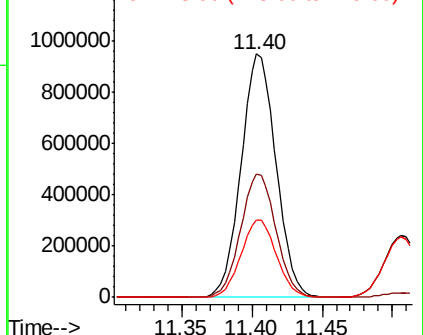
119 31.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.309 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Tgt Ion:164 Resp: 659950

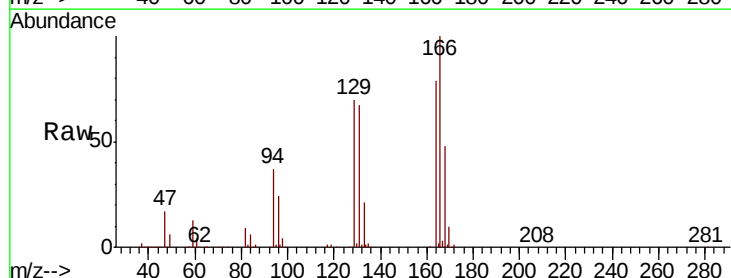
Ion Ratio Lower Upper

164 100

166 126.4 104.9 157.3

129 88.5 71.9 107.9

131 85.2 69.1 103.7

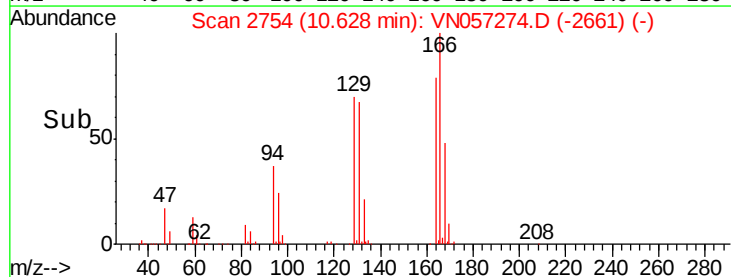
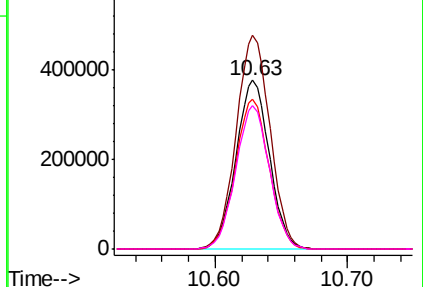


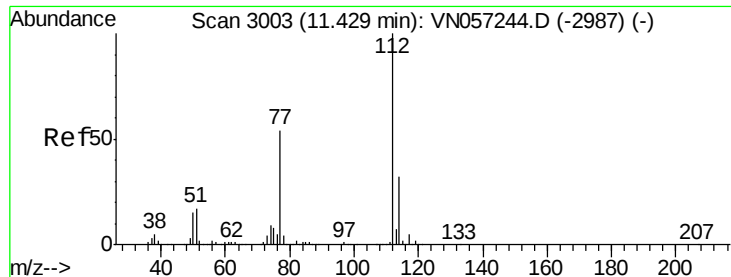
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

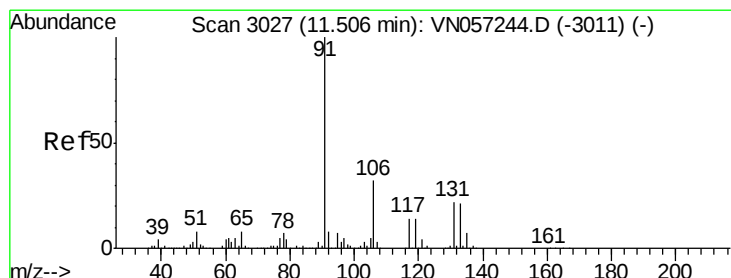
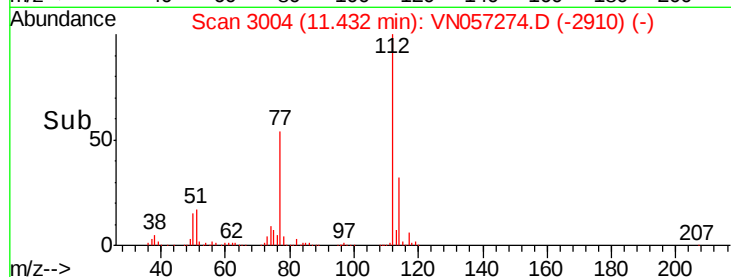
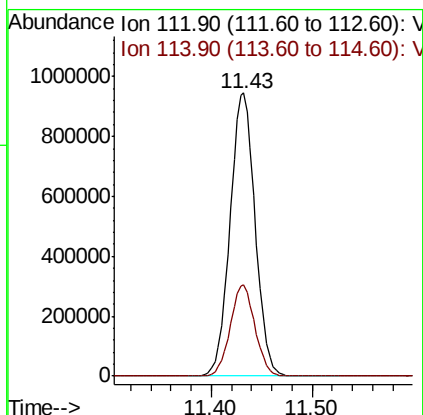
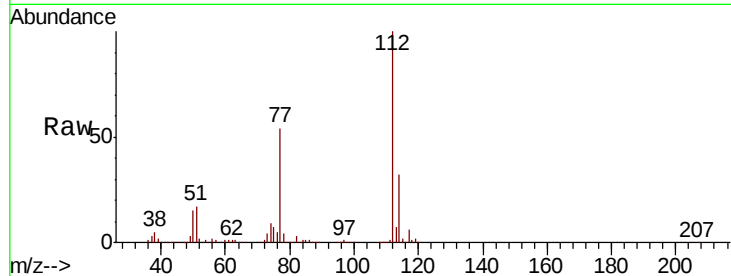




#65
Chlorobenzene
Concen: 48.386 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

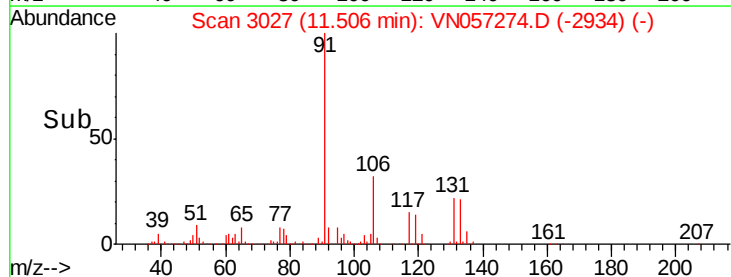
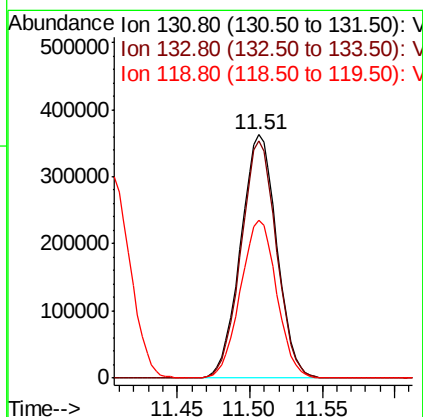
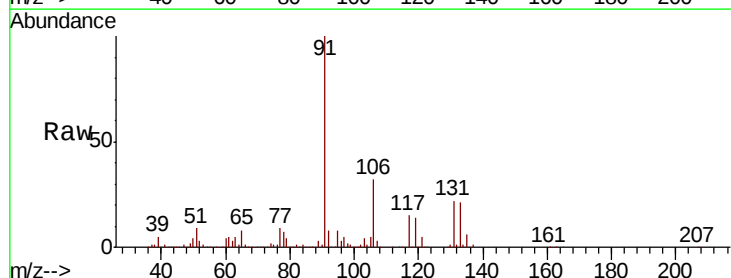
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

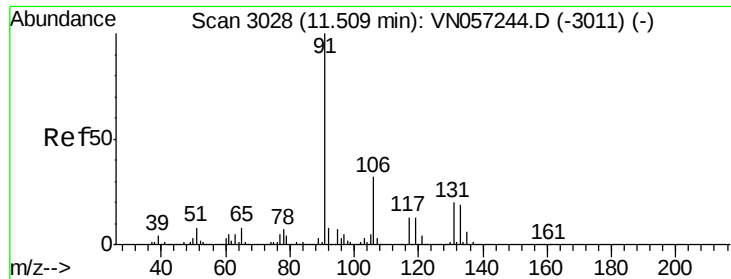
Tgt Ion:112 Resp: 1632758
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.302 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion:131 Resp: 629415
Ion Ratio Lower Upper
131 100
133 95.5 46.9 140.7
119 65.0 32.3 96.8

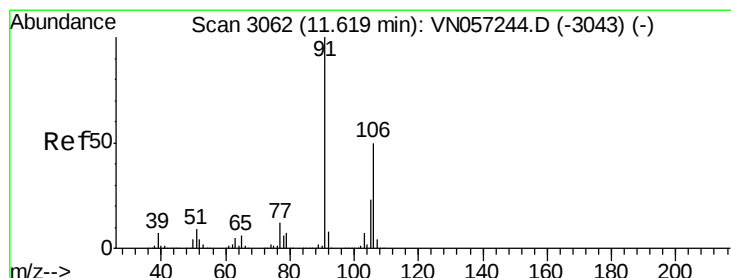
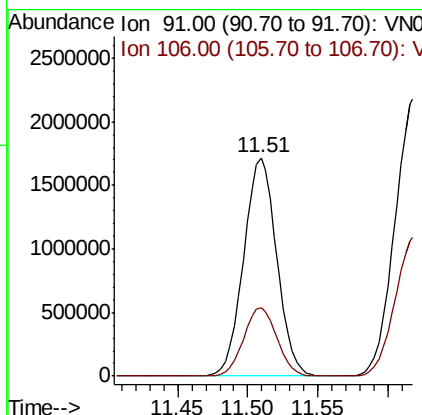
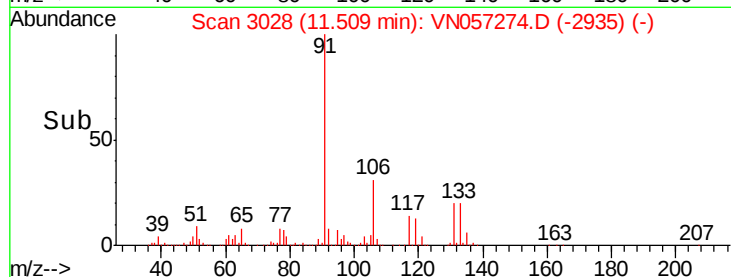
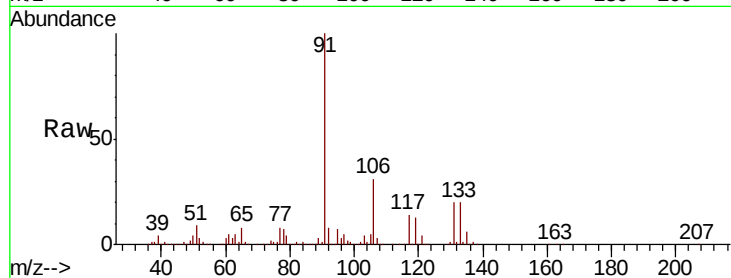




#67
Ethyl Benzene
Concen: 48.885 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

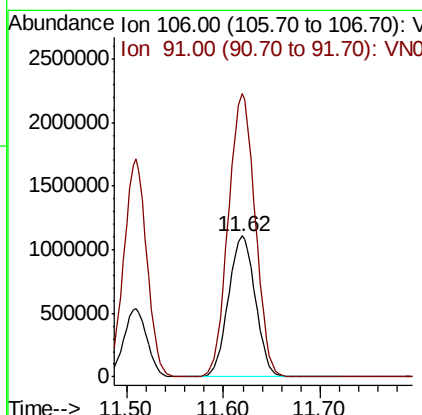
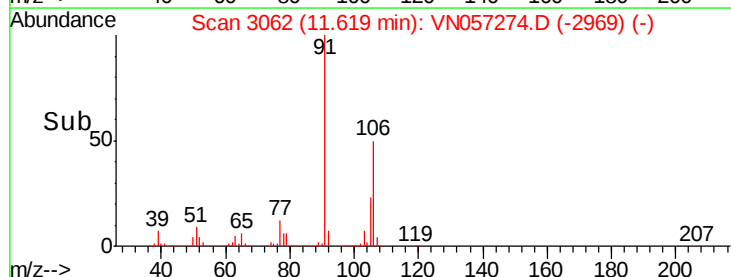
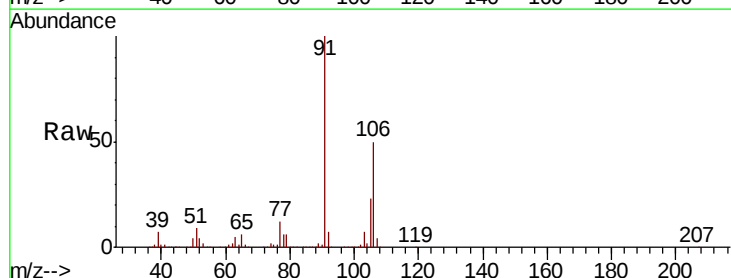
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

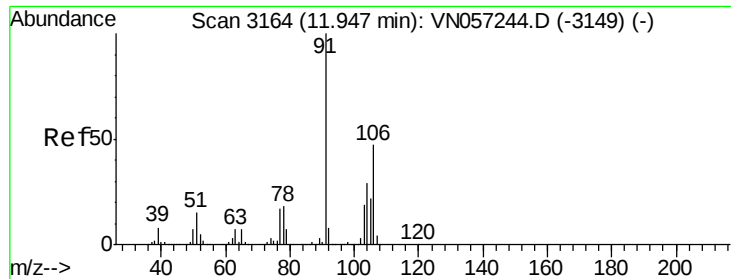
Tgt Ion: 91 Resp: 2816103
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 99.323 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 106 Resp: 2134808
Ion Ratio Lower Upper
106 100
91 200.5 161.4 242.0

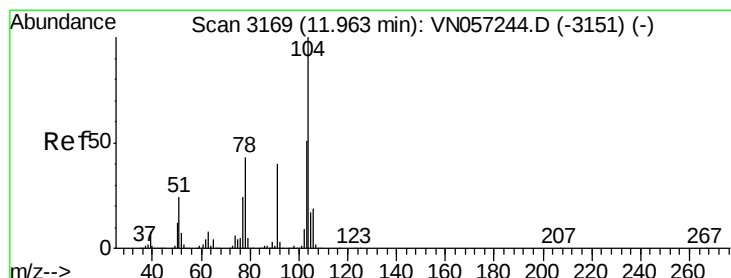
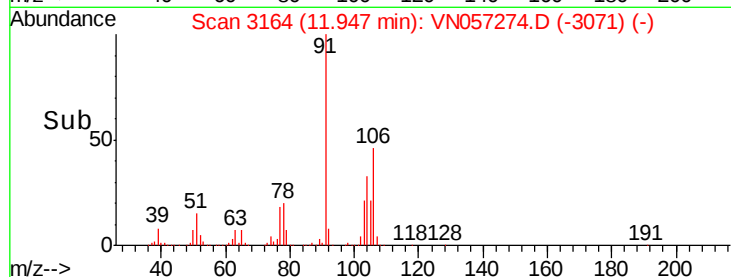
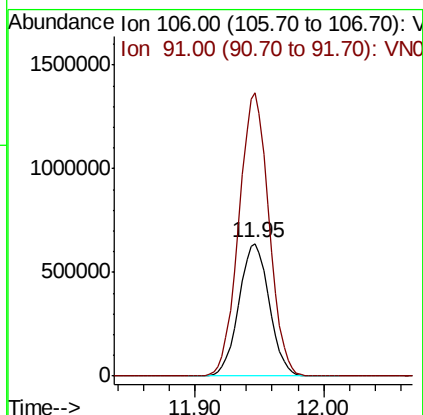
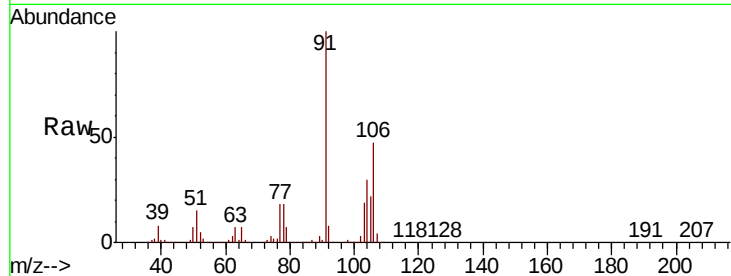




#69
o-Xylene
Concen: 49.727 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

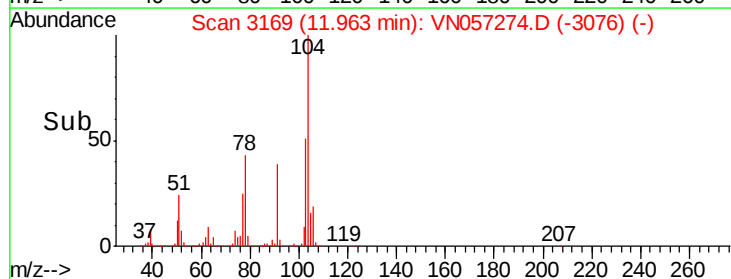
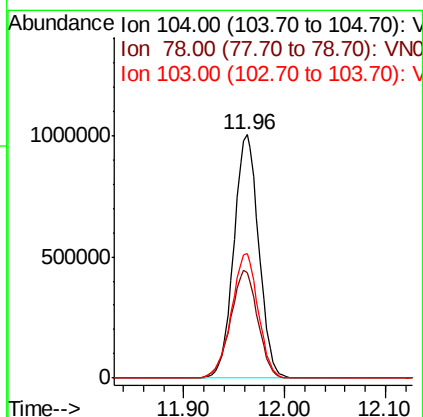
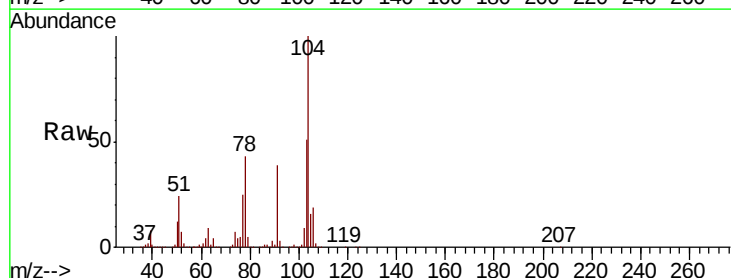
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

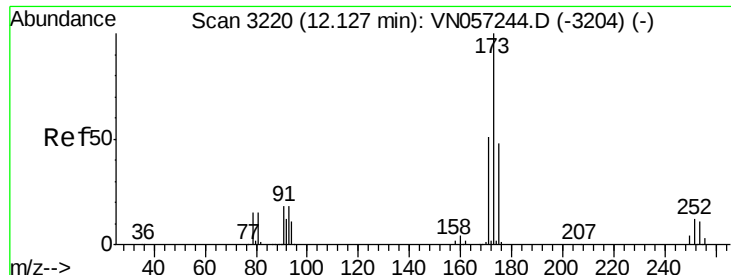
Tgt Ion:106 Resp: 1046481
Ion Ratio Lower Upper
106 100
91 211.3 106.5 319.4



#70
Styrene
Concen: 52.846 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion:104 Resp: 1721856
Ion Ratio Lower Upper
104 100
78 48.2 38.6 57.8
103 54.9 43.9 65.9

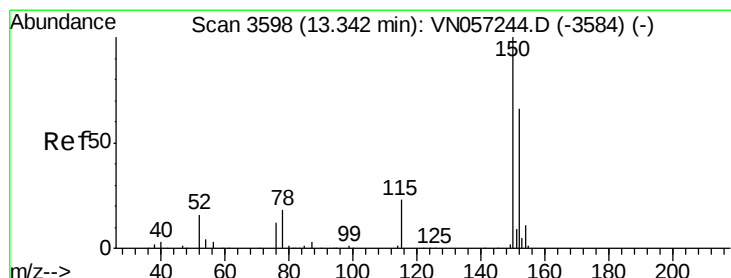
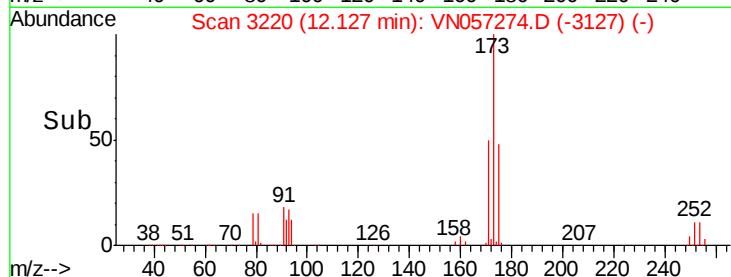
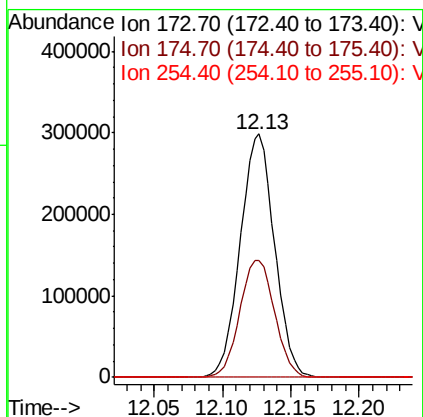
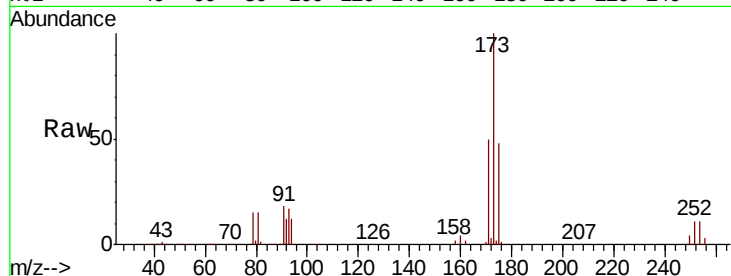




#71
Bromoform
Concen: 51.983 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

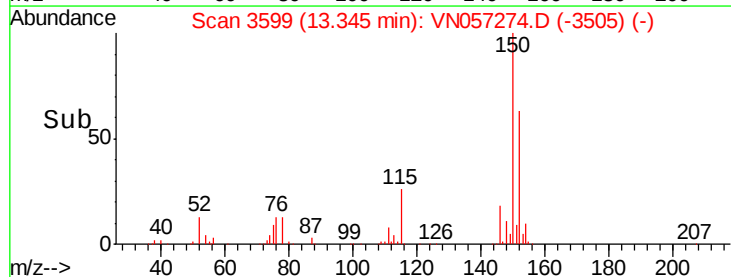
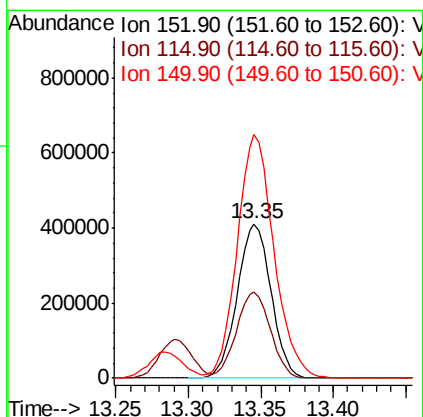
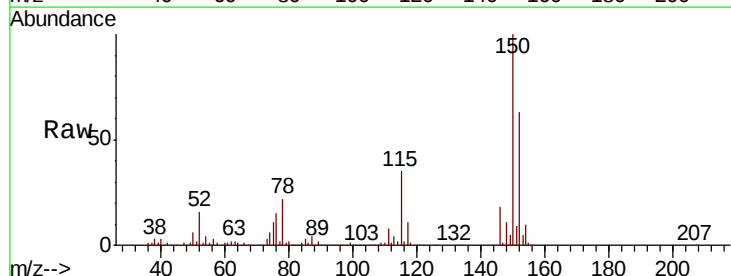
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

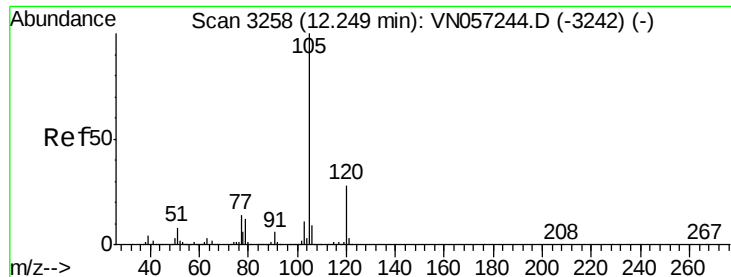
Tgt Ion:173 Resp: 519048
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.2
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion:152 Resp: 664897
Ion Ratio Lower Upper
152 100
115 55.8 27.6 82.8
150 171.8 0.0 348.4





#73

Isopropylbenzene

Concen: 54.594 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

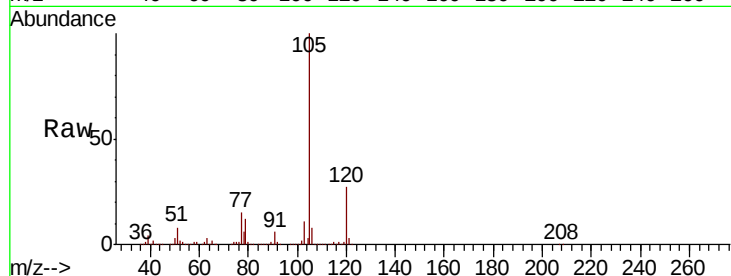
VSTDCCC050EC

Tgt Ion:105 Resp: 2789528

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

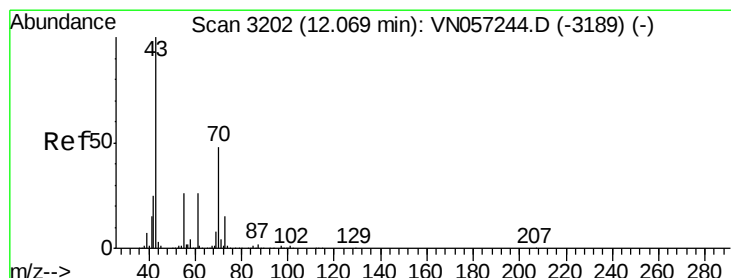
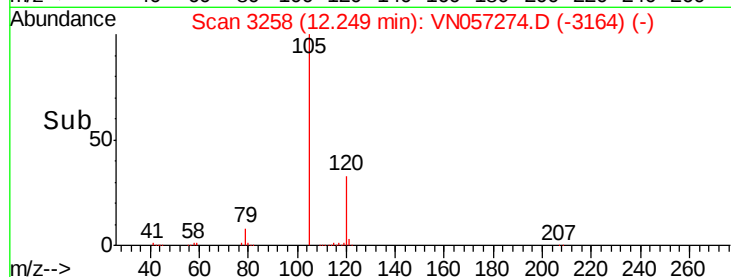
1000000

500000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 54.217 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Tgt Ion: 43 Resp: 845946

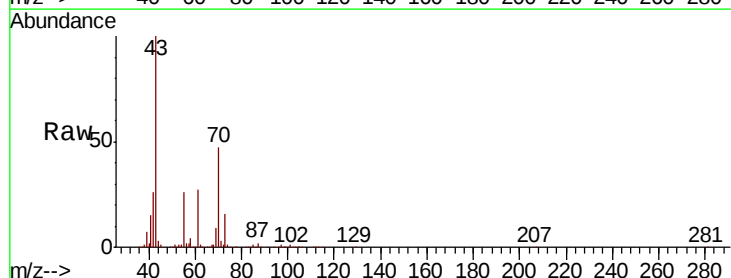
Ion Ratio Lower Upper

43 100

70 46.5 37.4 56.2

55 25.8 21.0 31.4

61 26.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

800000

600000

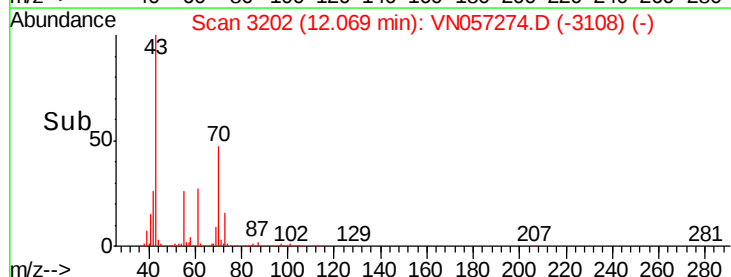
400000

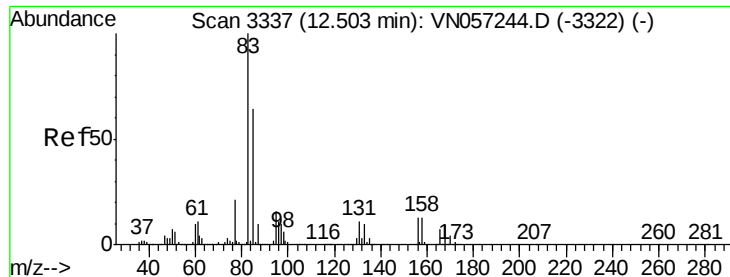
200000

0

12.00 12.07 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.818 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

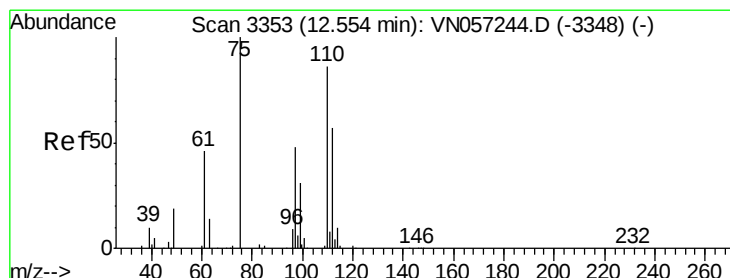
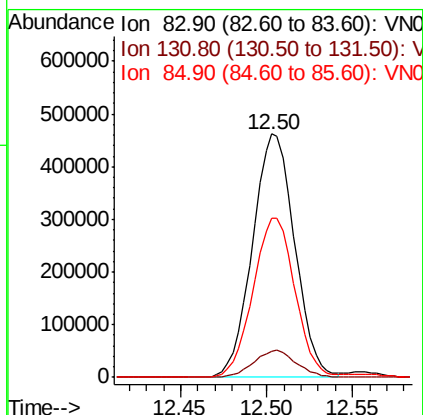
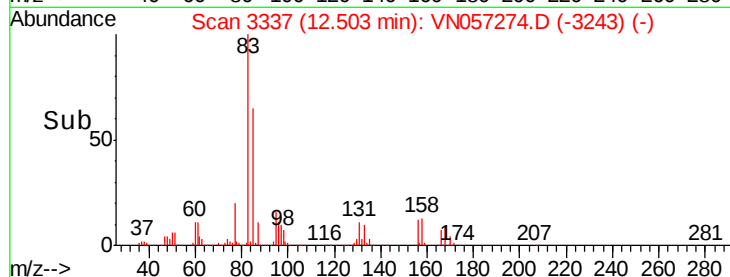
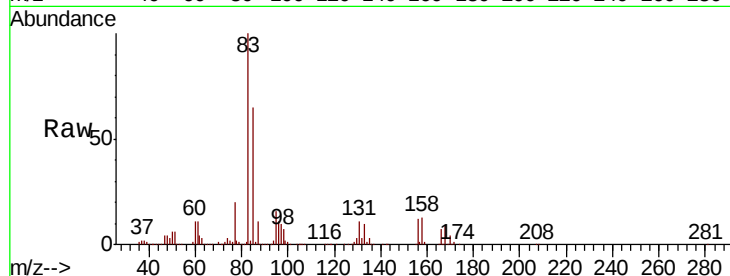
Tgt Ion: 83 Resp: 785879

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

85 64.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 84.435 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057274.D

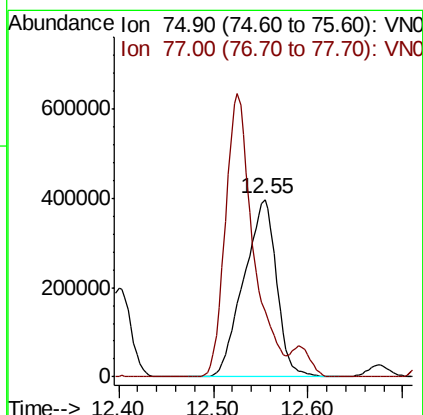
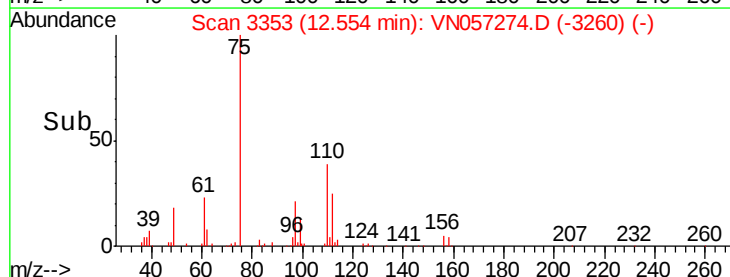
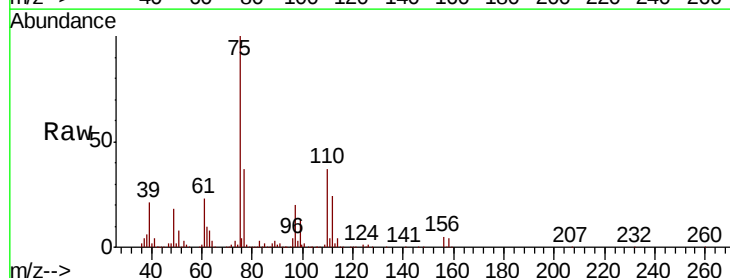
Acq: 14 Aug 2019 2:42

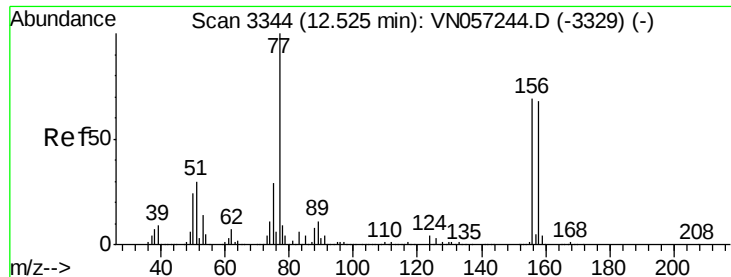
Tgt Ion: 75 Resp: 955897

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.250 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

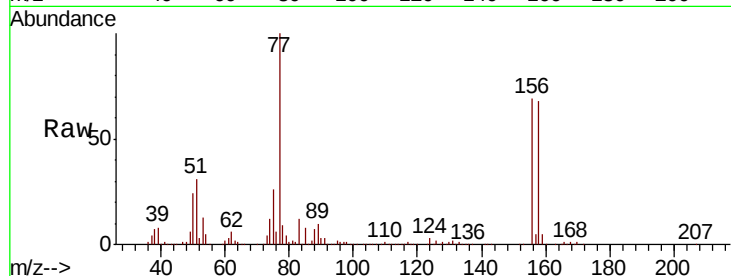
Tgt Ion:156 Resp: 748282

Ion Ratio Lower Upper

156 100

77 174.5 88.0 264.1

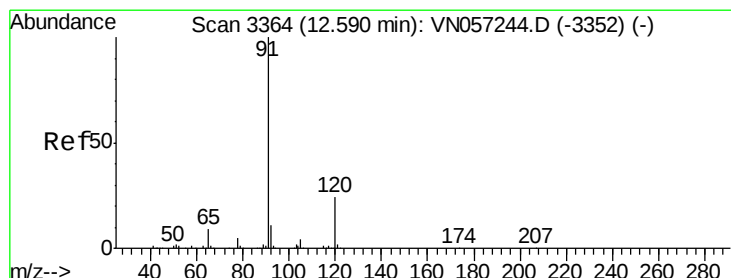
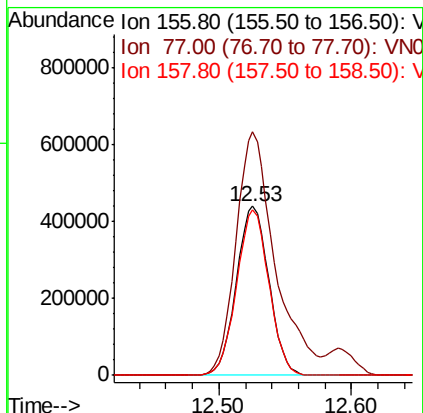
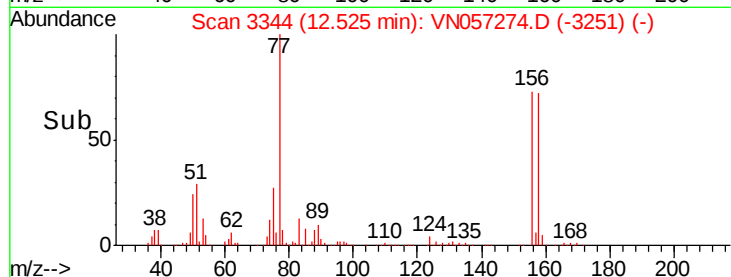
158 97.4 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.955 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057274.D

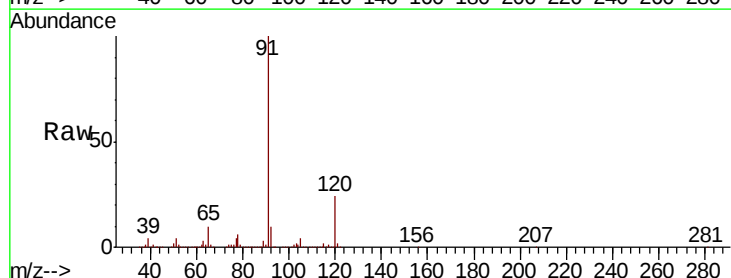
Acq: 14 Aug 2019 2:42

Tgt Ion: 91 Resp: 2900287

Ion Ratio Lower Upper

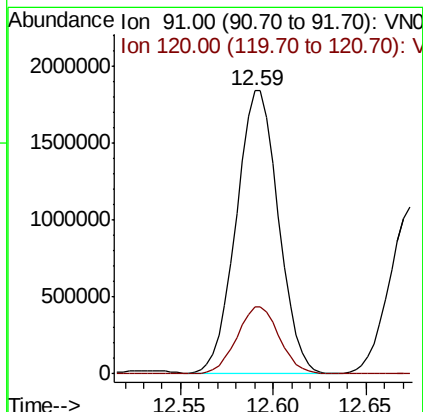
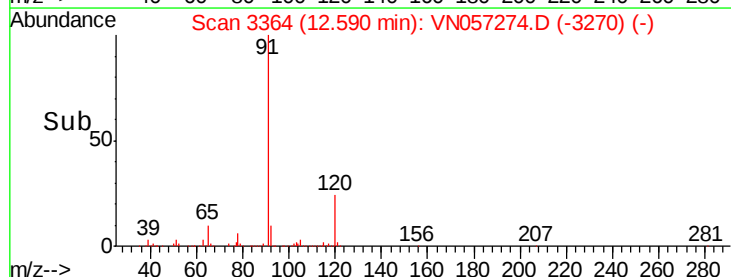
91 100

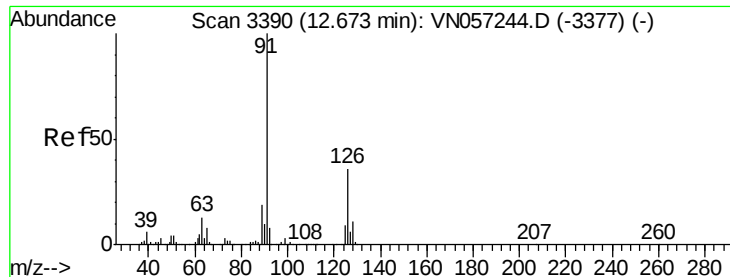
120 23.8 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

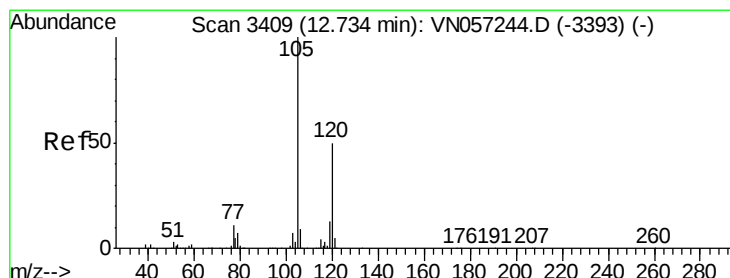
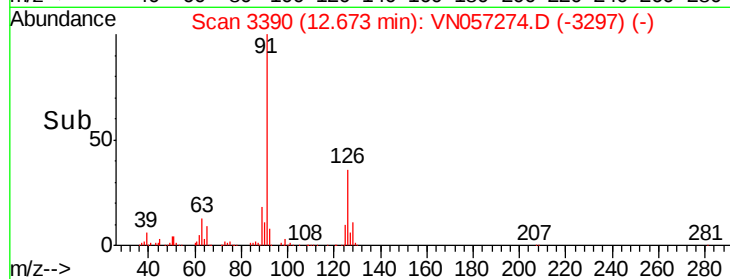
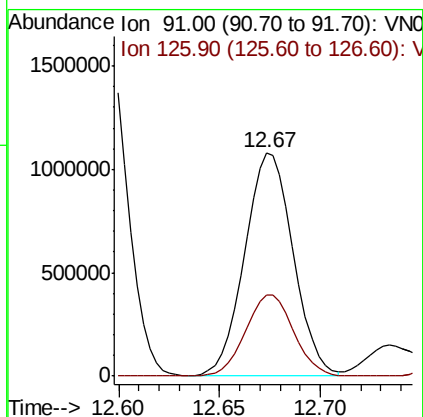
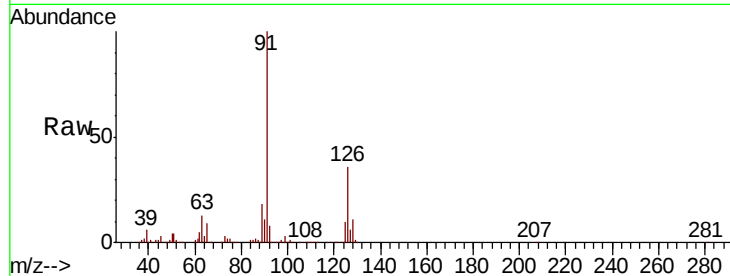




#79
 2-Chlorotoluene
 Concen: 53.819 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

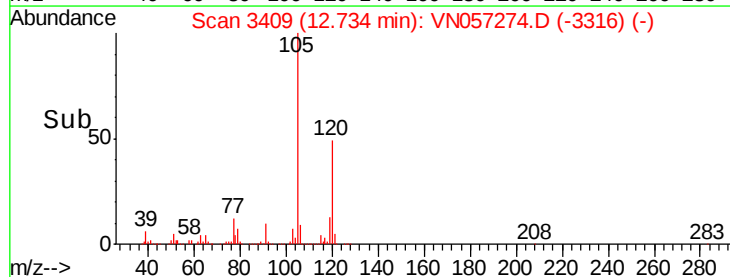
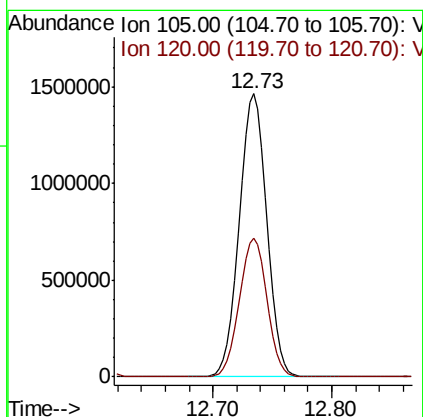
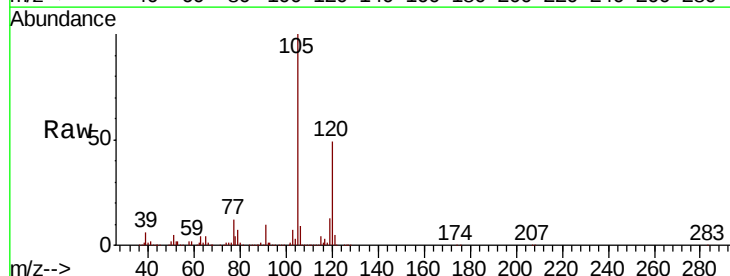
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

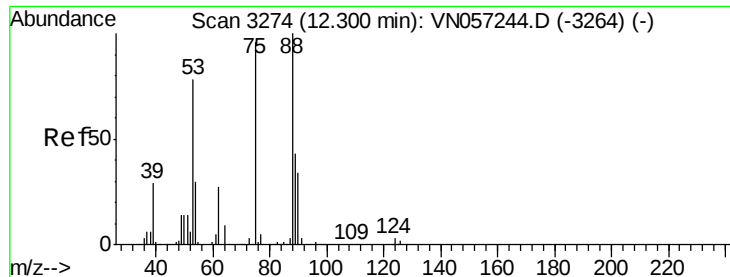
Tgt Ion: 91 Resp: 1807207
 Ion Ratio Lower Upper
 91 100
 126 36.4 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.806 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 105 Resp: 2334206
 Ion Ratio Lower Upper
 105 100
 120 49.5 25.3 75.8

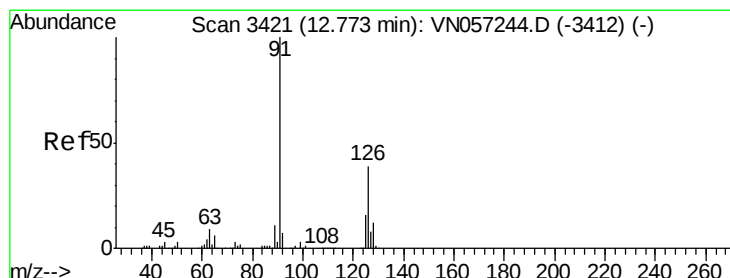
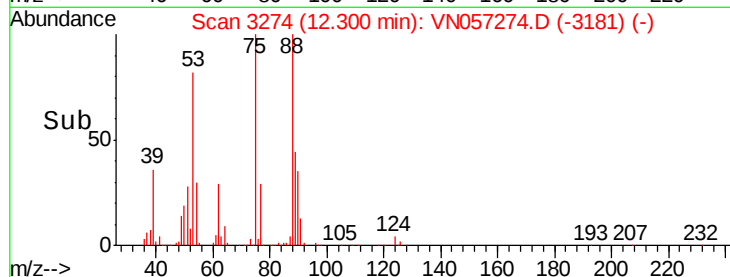
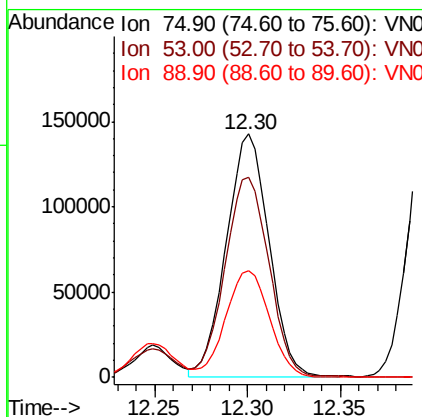
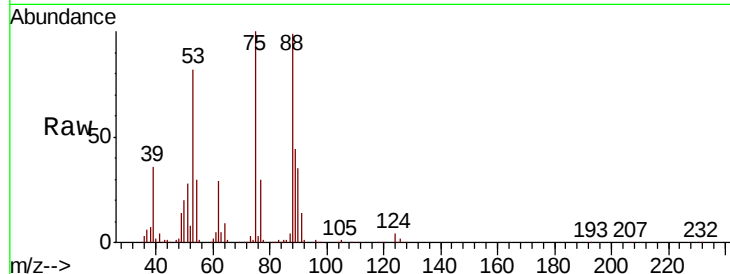




#81
trans-1,4-Dichloro-2-butene
Concen: 45.739 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

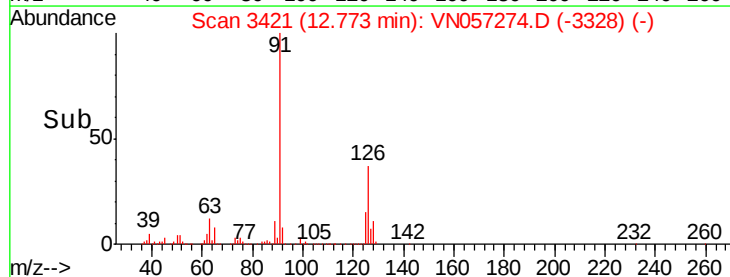
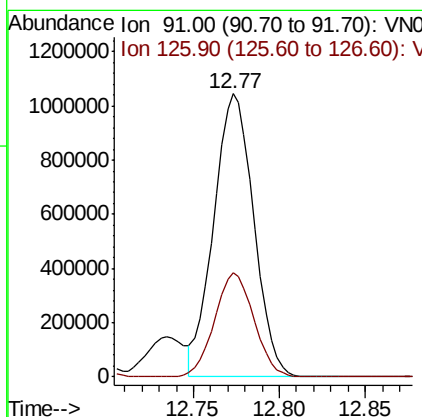
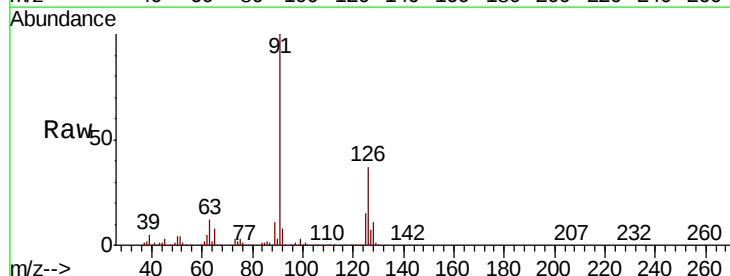
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

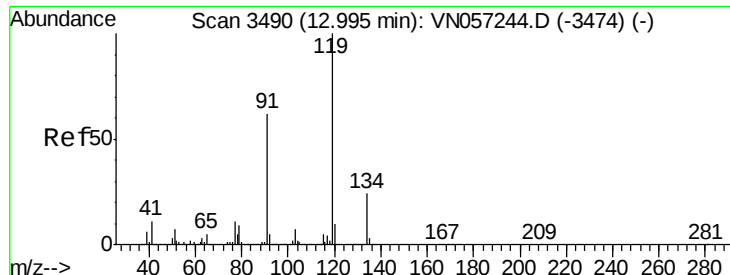
Tgt Ion: 75 Resp: 226417
Ion Ratio Lower Upper
75 100
53 84.7 65.8 98.6
89 45.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 46.742 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion: 91 Resp: 1694987
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.7

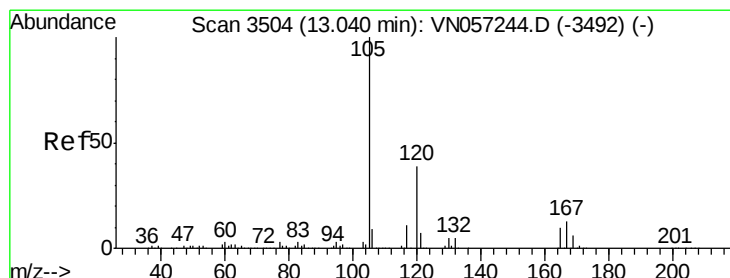
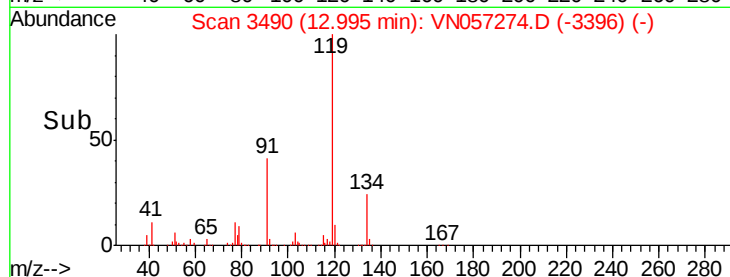
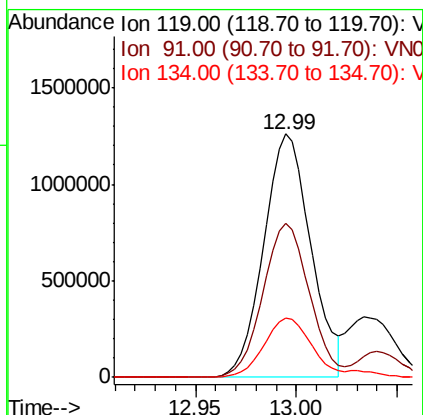
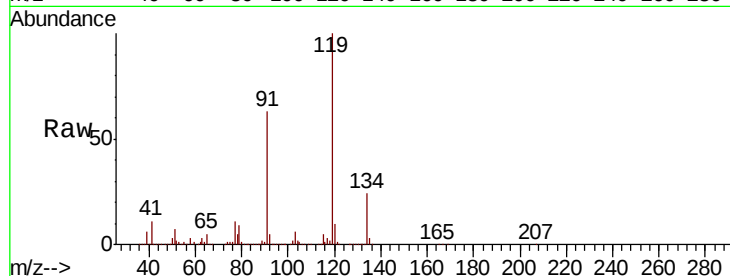




#83
 tert-Butylbenzene
 Concen: 53.398 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

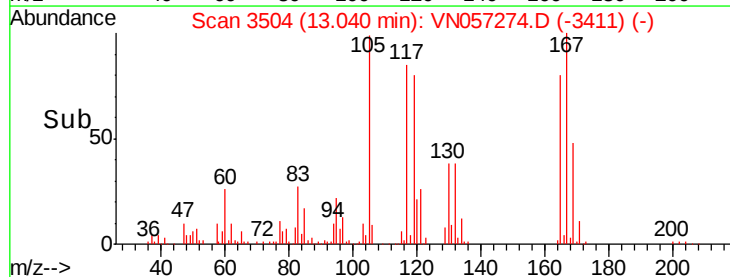
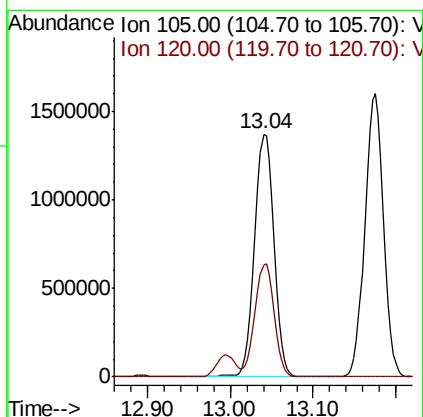
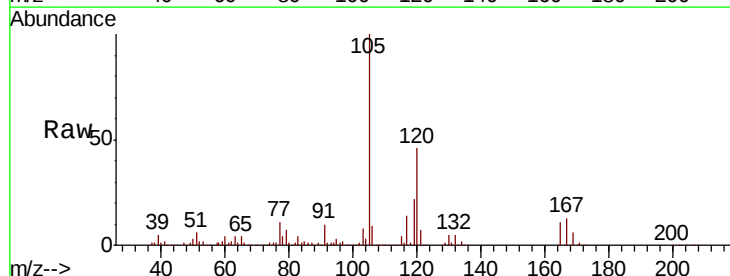
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

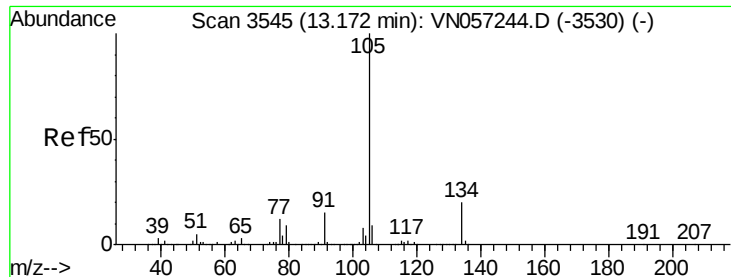
Tgt Ion:119 Resp: 2049043
 Ion Ratio Lower Upper
 119 100
 91 62.4 30.8 92.3
 134 26.3 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 47.276 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion:105 Resp: 2213552
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5

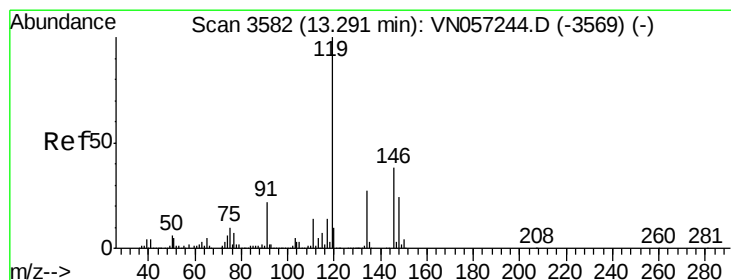
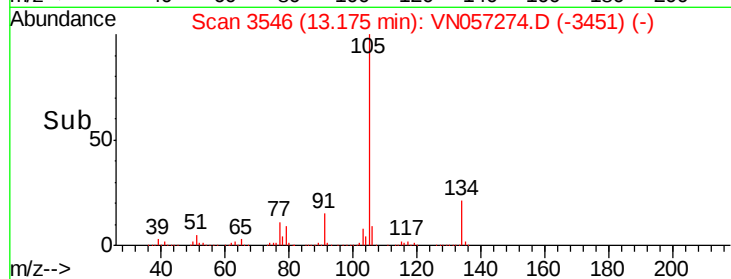
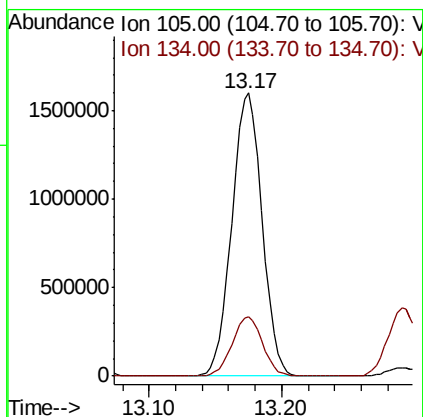
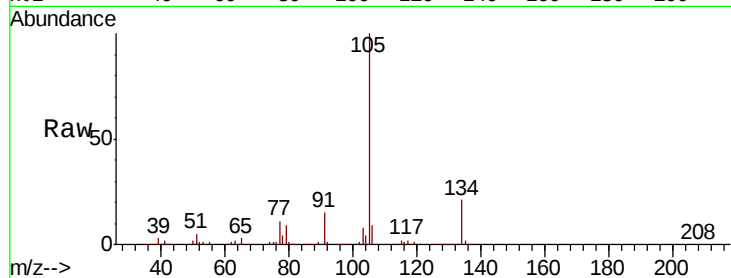




#85
 sec-Butylbenzene
 Concen: 51.725 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

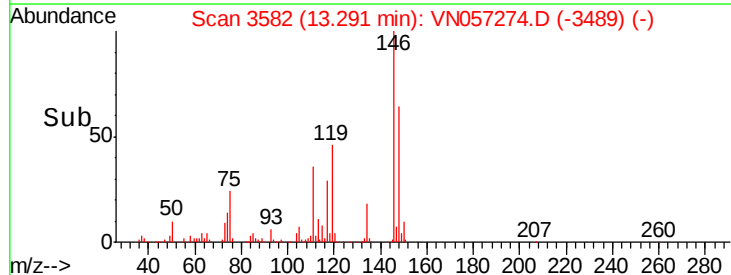
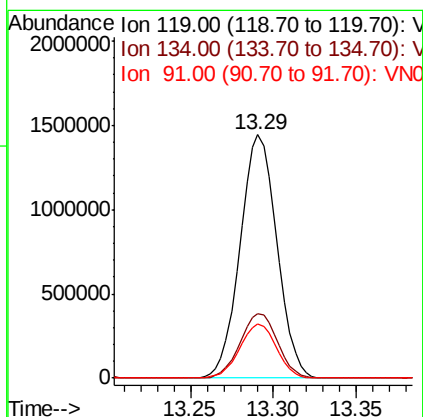
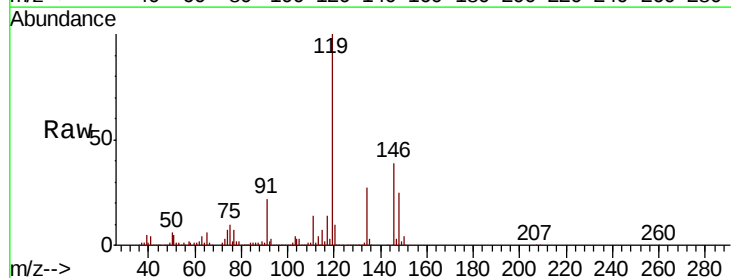
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

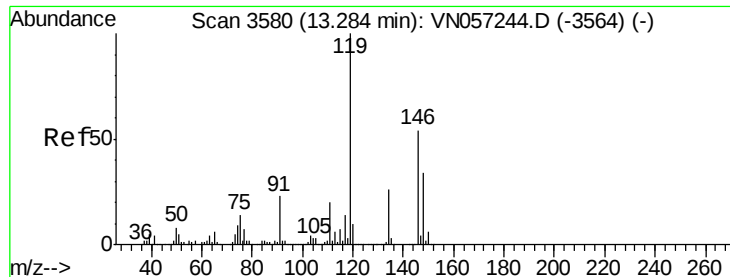
Tgt Ion:105 Resp: 2532294
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 45.426 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion:119 Resp: 2220992
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 22.2 11.1 33.3

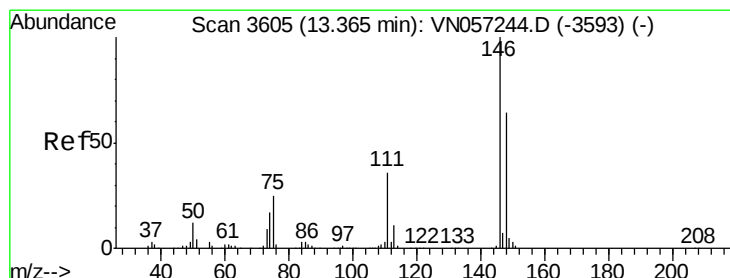
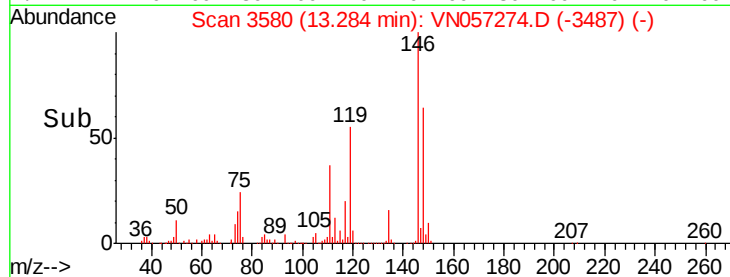
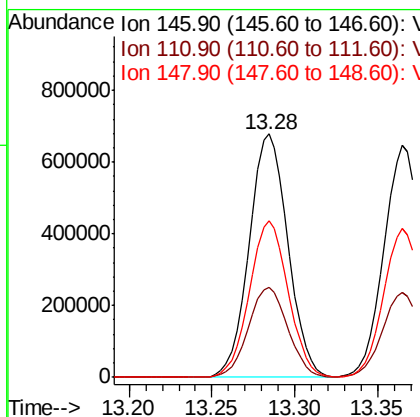
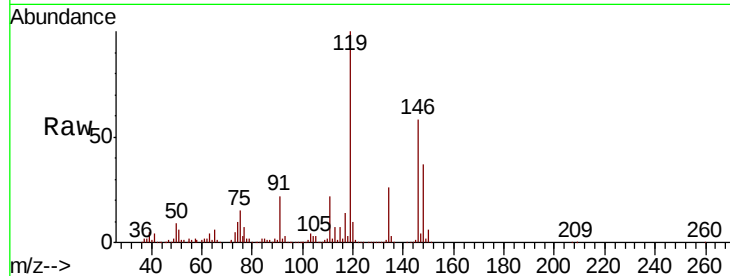




#87
 1,3-Dichlorobenzene
 Concen: 48.016 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

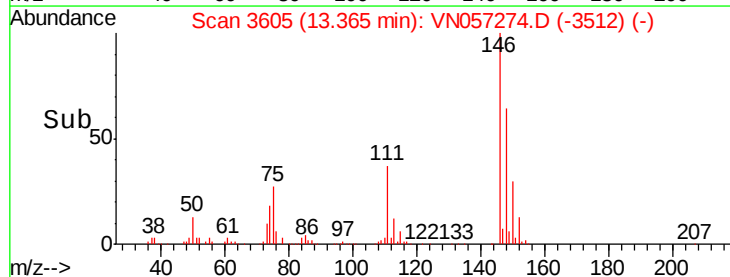
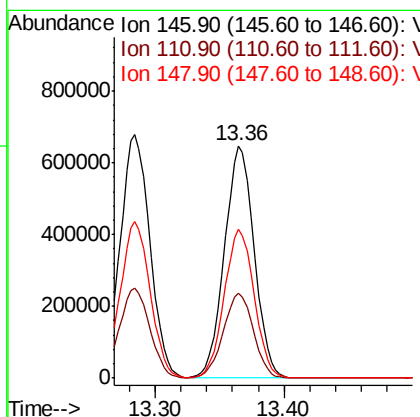
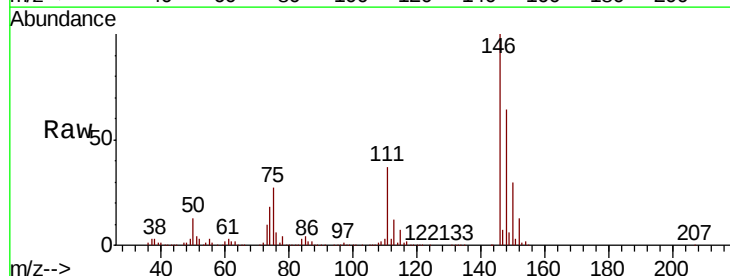
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

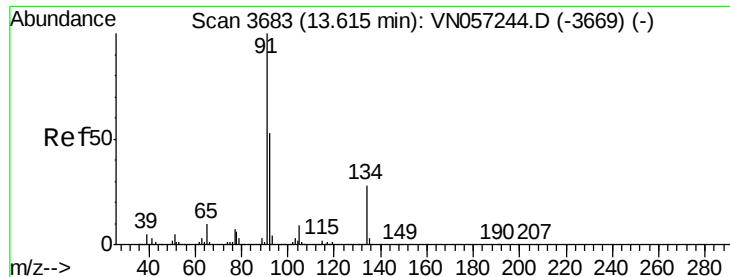
Tgt Ion:146 Resp: 1105999
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.183 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion:146 Resp: 1034660
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.3 54.8
 148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 47.020 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057274.D

Acq: 14 Aug 2019 2:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

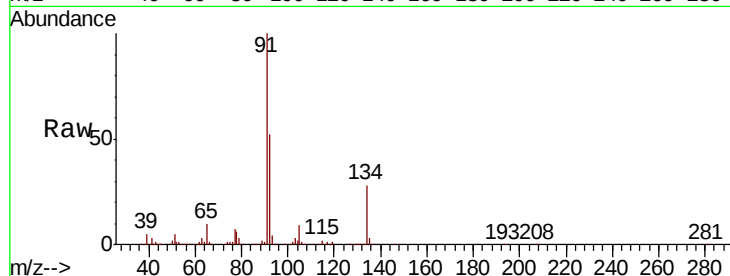
Tgt Ion: 91 Resp: 1612510

Ion Ratio Lower Upper

91 100

92 52.0 26.3 78.9

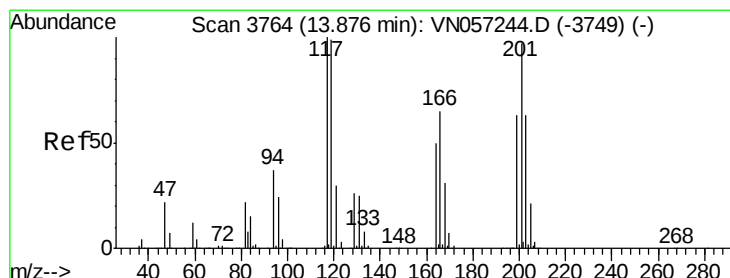
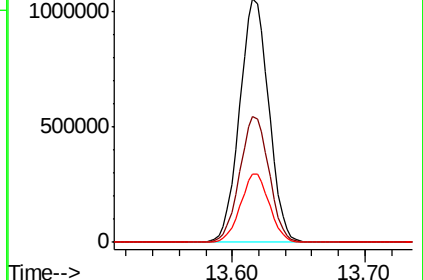
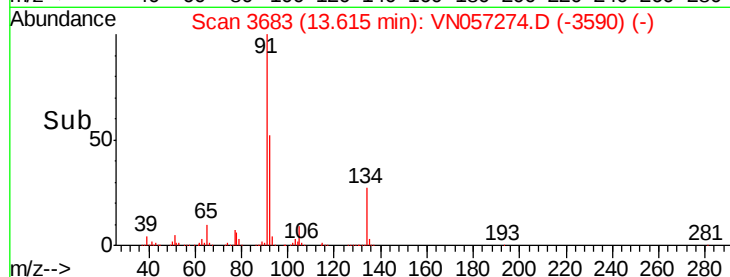
134 27.8 14.1 42.3



Abundance Ion 91.00 (90.70 to 91.70): VN057274.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN057274.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN057274.D (-3669) (-)



#90

Hexachloroethane

Concen: 53.884 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057274.D

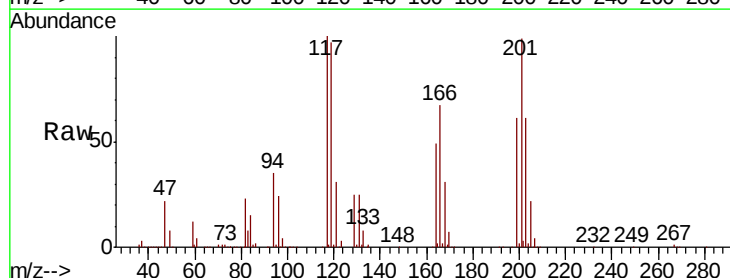
Acq: 14 Aug 2019 2:42

Tgt Ion: 117 Resp: 437984

Ion Ratio Lower Upper

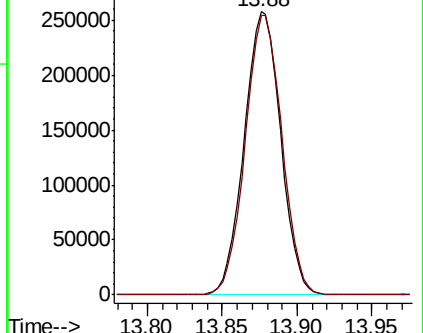
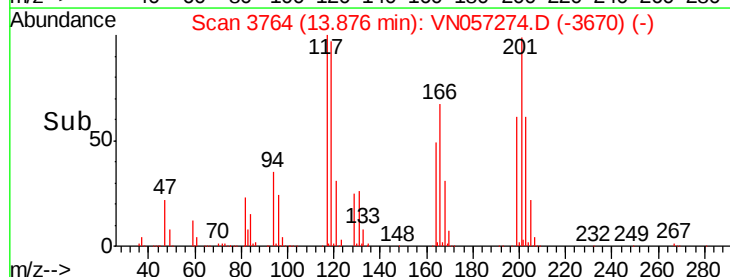
117 100

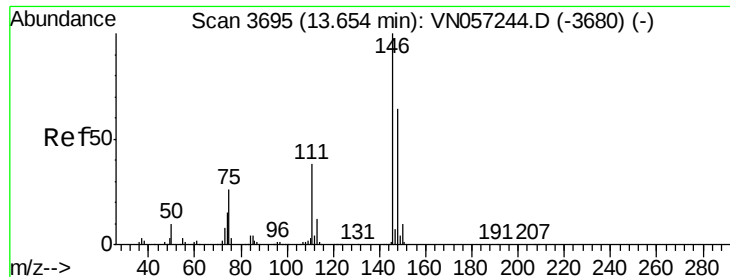
201 99.1 49.5 148.5



Abundance Ion 116.80 (116.50 to 117.50): VN057274.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN057274.D (-3749) (-)

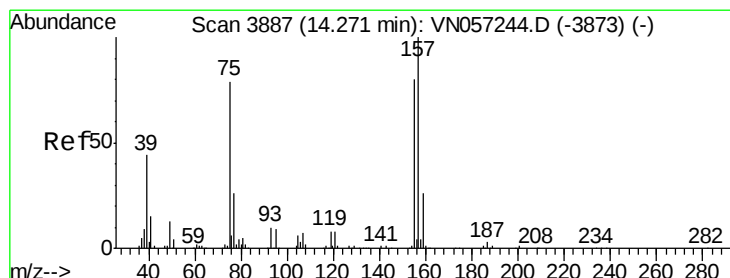
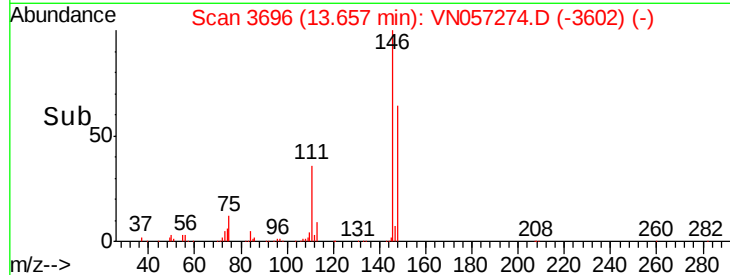
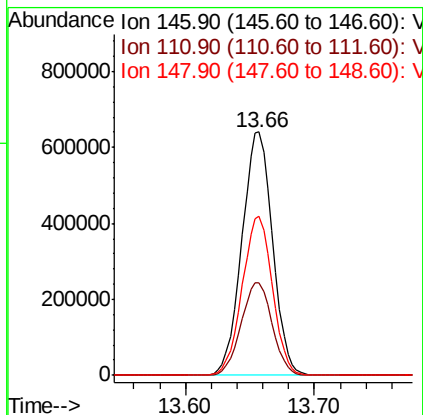
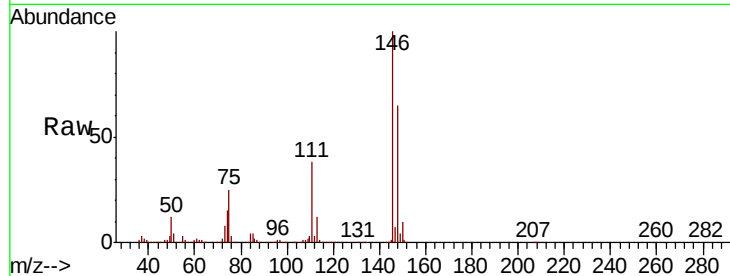




#91
 1,2-Dichlorobenzene
 Concen: 47.055 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

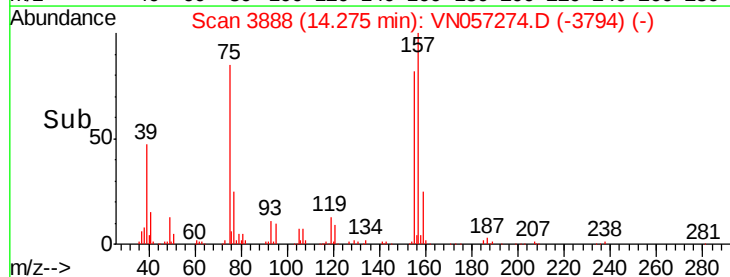
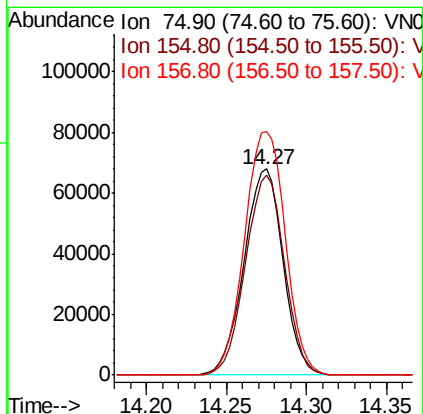
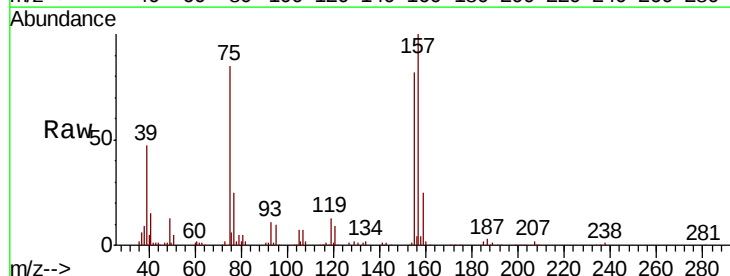
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

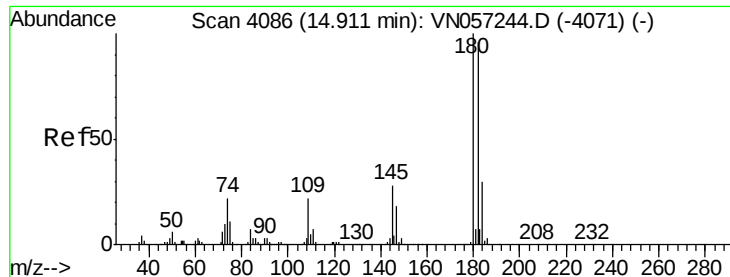
Tgt Ion:146 Resp: 1056748
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 64.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.110 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion: 75 Resp: 113515
 Ion Ratio Lower Upper
 75 100
 155 96.4 50.3 151.0
 157 123.3 65.3 195.9

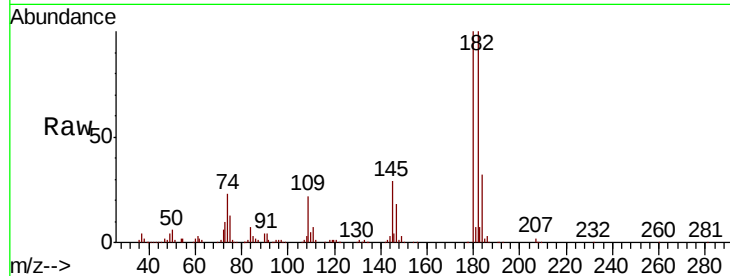




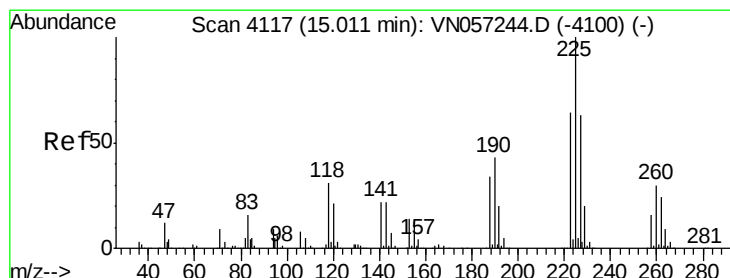
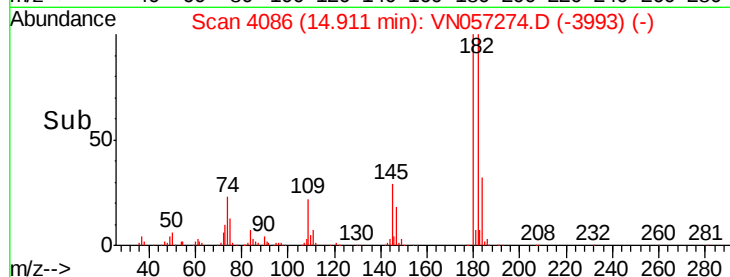
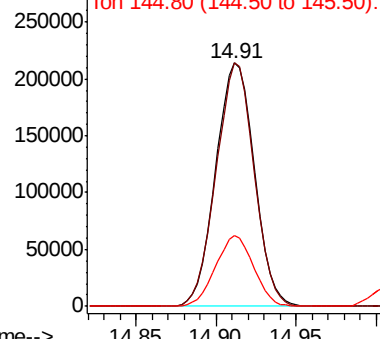
#93
 1,2,4-Trichlorobenzene
 Concen: 41.052 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 353853
 Ion Ratio Lower Upper
 180 100
 182 98.1 47.7 143.1
 145 28.6 14.2 42.6

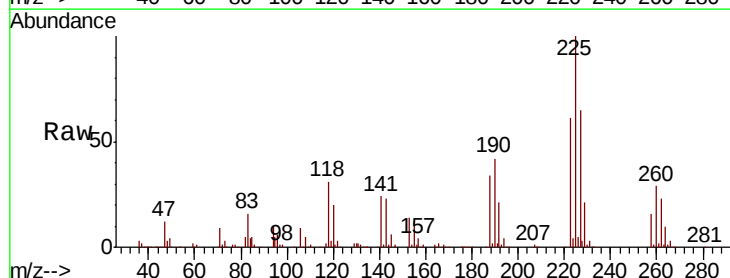


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

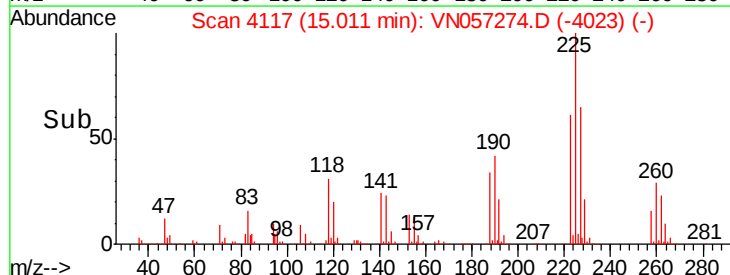
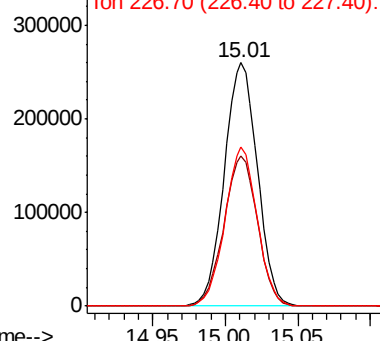


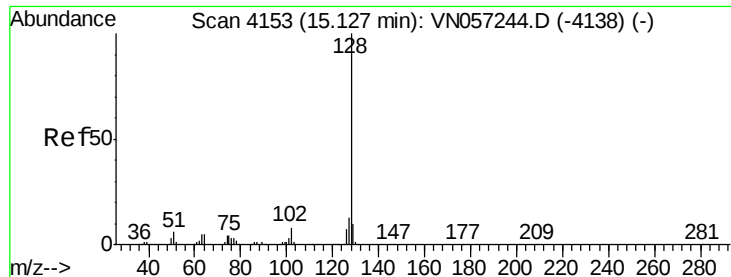
#94
 Hexachlorobutadiene
 Concen: 48.241 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057274.D
 Acq: 14 Aug 2019 2:42

Tgt Ion:225 Resp: 414260
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.2
 227 63.5 31.4 94.3



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

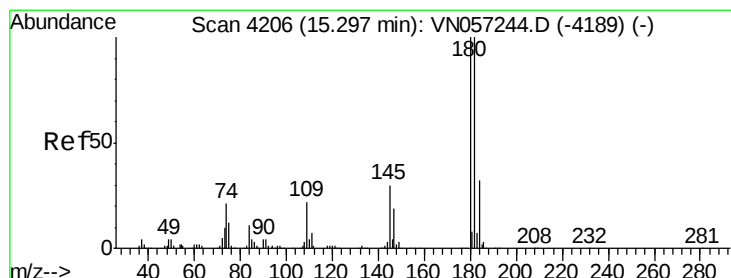
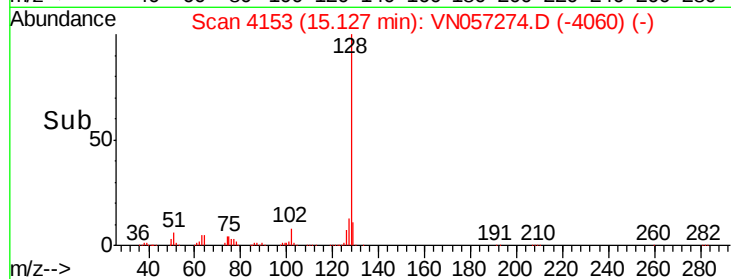
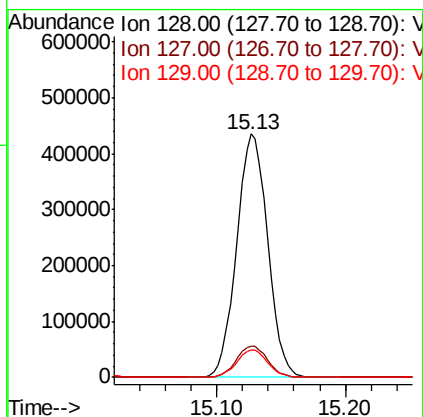
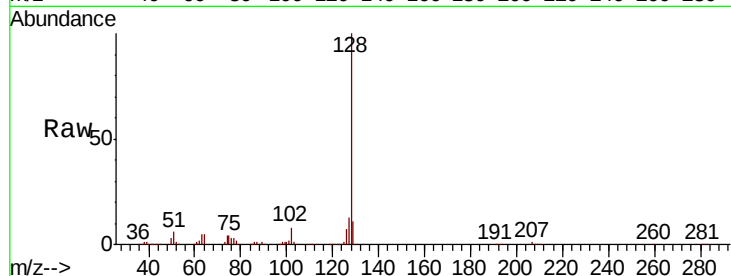




#95
Naphthalene
Concen: 51.887 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.1	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 43.249 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057274.D
Acq: 14 Aug 2019 2:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.9	146.7
145	29.6	15.0	45.1

