

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063335.D
 Acq On : 14 Sep 2020 12:08
 Operator : JC/MD
 Sample : VN0914MBS01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

Quant Time: Sep 15 05:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	460251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	795830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	728480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	329843	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	365736	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
35) Dibromofluoromethane	7.55	113	268778	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
50) Toluene-d8	10.06	98	1032097	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.38	95	375486	51.67	ug/l	0.00
Spiked Amount			Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	78084	17.665	ug/l	99
3) Chloromethane	2.04	50	113870	18.118	ug/l	99
4) Vinyl Chloride	2.16	62	111042	17.756	ug/l	97
5) Bromomethane	2.54	94	77962	17.868	ug/l	97
6) Chloroethane	2.68	64	73888	18.062	ug/l	99
7) Trichlorofluoromethane	2.99	101	175918	18.191	ug/l	98
8) Diethyl Ether	3.37	74	64582	18.729	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	91748	18.159	ug/l	98
10) Methyl Iodide	3.91	142	120426	18.387	ug/l	99
11) Tert butyl alcohol	4.72	59	94584	98.931	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	90431	17.930	ug/l	97
13) Acrolein	3.57	56	48989	114.250	ug/l	99
14) Allyl chloride	4.28	41	180512	17.435	ug/l	99
15) Acrylonitrile	4.93	53	249337	95.385	ug/l	99
16) Acetone	3.77	43	217463	87.092	ug/l	97
17) Carbon Disulfide	4.01	76	260078	17.764	ug/l	98
18) Methyl Acetate	4.28	43	120868	19.256	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	335881	18.637	ug/l	99
20) Methylene Chloride	4.50	84	111867	18.885	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	100131	17.741	ug/l	100
22) Diisopropyl ether	5.90	45	379657	18.633	ug/l	95
23) Vinyl Acetate	5.84	43	1567430	97.732	ug/l	99
24) 1,1-Dichloroethane	5.80	63	205414	18.616	ug/l	99
25) 2-Butanone	6.78	43	350691	95.078	ug/l	97
26) 2,2-Dichloropropane	6.78	77	171068	17.688	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	117983	17.936	ug/l	98
28) Bromochloromethane	7.15	49	101508	18.971	ug/l	99
29) Tetrahydrofuran	7.17	42	228301	95.058	ug/l	98
30) Chloroform	7.33	83	200689	18.165	ug/l	97
31) Cyclohexane	7.61	56	184107	18.153	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	176887	18.367	ug/l	98
36) 1,1-Dichloropropene	7.75	75	151387	18.506	ug/l	100
37) Ethyl Acetate	6.88	43	154748	19.229	ug/l	99
38) Carbon Tetrachloride	7.73	117	148956	18.502	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	161982	18.151	ug/l	99
40) Benzene	8.00	78	441159	18.882	ug/l	100
41) Methacrylonitrile	7.12	41	68929	18.935	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	173499	19.572	ug/l	99
43) Isopropyl Acetate	8.13	43	259213	19.019	ug/l	99
44) Trichloroethene	8.80	130	114068	18.669	ug/l	97
45) 1,2-Dichloropropane	9.08	63	123165	19.218	ug/l	98
46) Dibromomethane	9.17	93	80422	19.352	ug/l	99
47) Bromodichloromethane	9.37	83	163887	18.923	ug/l	98
48) Methyl methacrylate	9.17	41	125833	19.350	ug/l	98
49) 1,4-Dioxane	9.16	88	36184	359.374	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	769909	102.506	ug/l	99
52) Toluene	10.12	92	273866	19.198	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	181566	19.225	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	192630	18.944	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	108191	19.355	ug/l	96
56) Ethyl methacrylate	10.40	69	167926	19.755	ug/l	97
57) 1,3-Dichloropropane	10.68	76	190314	19.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	395335	86.705	ug/l	99
59) 2-Hexanone	10.72	43	555472	100.278	ug/l	99
60) Dibromochloromethane	10.87	129	117545	19.150	ug/l	100
61) 1,2-Dibromoethane	10.98	107	112484	19.303	ug/l	99
64) Tetrachloroethene	10.60	164	112386	18.832	ug/l	98
65) Chlorobenzene	11.41	112	287224	18.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	107044	18.734	ug/l	98
67) Ethyl Benzene	11.48	91	521551	18.524	ug/l	98
68) m/p-Xylenes	11.60	106	383869	36.859	ug/l	100
69) o-Xylene	11.92	106	189569	18.967	ug/l	95
70) Styrene	11.94	104	308695	18.584	ug/l	100
71) Bromoform	12.10	173	74285	18.796	ug/l #	100
73) Isopropylbenzene	12.22	105	497438	18.697	ug/l	99
74) N-amyl acetate	12.05	43	212449	19.450	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	149689	19.645	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	204984	28.169	ug/l #	100
77) Bromobenzene	12.50	156	116147	18.992	ug/l	99
78) n-propylbenzene	12.57	91	582391	19.269	ug/l	100
79) 2-Chlorotoluene	12.65	91	346083	18.623	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	422137	19.109	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	51734	19.102	ug/l	97
82) 4-Chlorotoluene	12.75	91	359166	18.437	ug/l	99
83) tert-Butylbenzene	12.97	119	341223	18.213	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	425391	19.104	ug/l	100
85) sec-Butylbenzene	13.15	105	450734	18.909	ug/l	100
86) p-Isopropyltoluene	13.26	119	411863	18.847	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	206036	18.429	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205656	18.597	ug/l	98
89) n-Butylbenzene	13.59	91	362364	18.369	ug/l	99
90) Hexachloroethane	13.85	117	70567	19.632	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	204909	18.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33012	19.053	ug/l	96

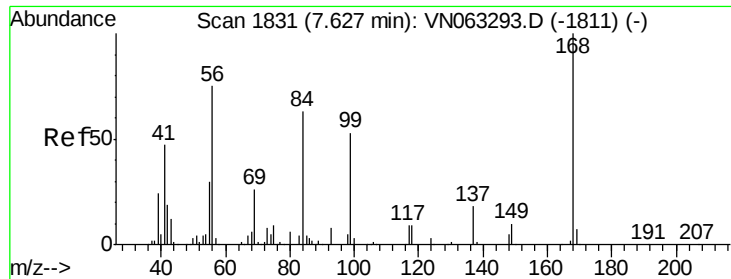
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	109654	16.953	ug/l	99
94) Hexachlorobutadiene	14.98	225	43778	17.964	ug/l	98
95) Naphthalene	15.10	128	337193	16.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	105327	17.599	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

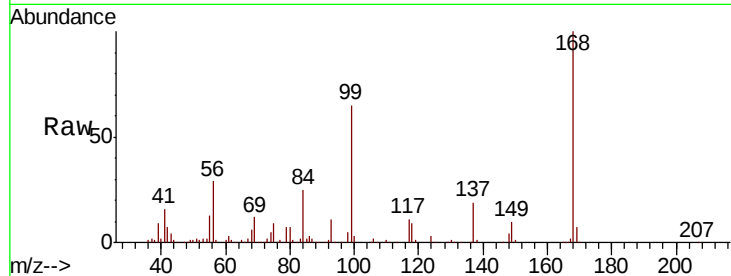
VN0914MBS01

Tot Ion:168 Resp: 460251

Ion Ratio Lower Upper

168 100

99 65.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

200000

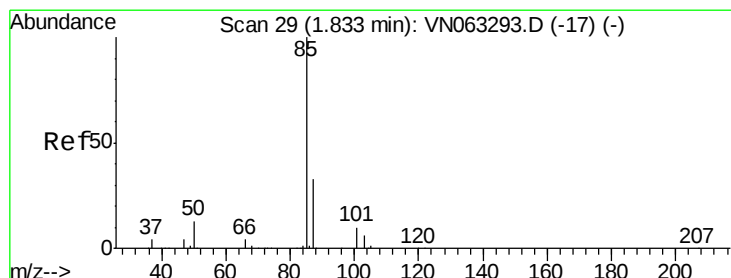
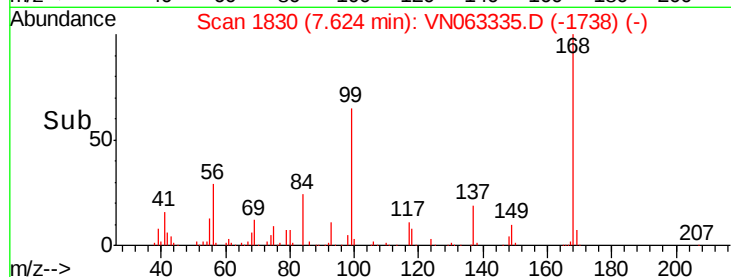
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.665 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063335.D

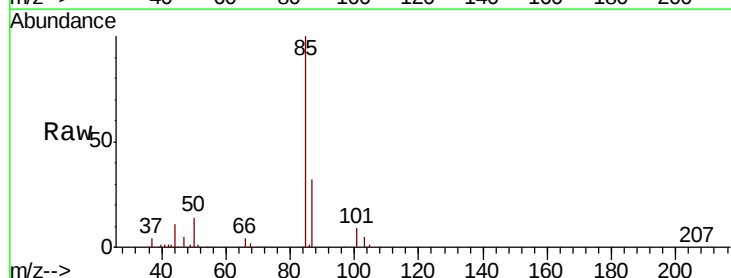
Acq: 14 Sep 2020 12:08

Tgt Ion: 85 Resp: 78084

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

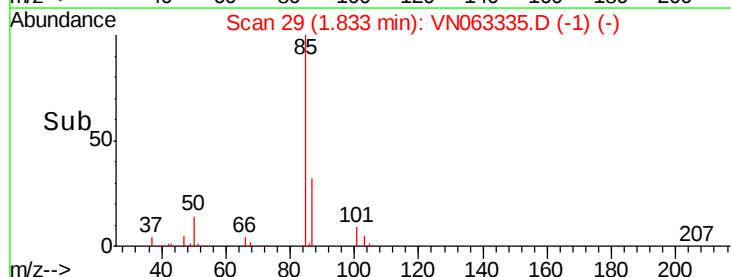
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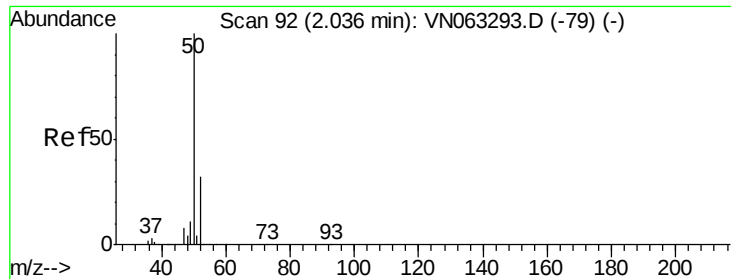
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.118 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

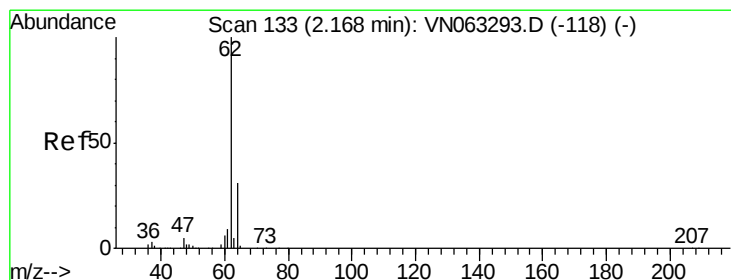
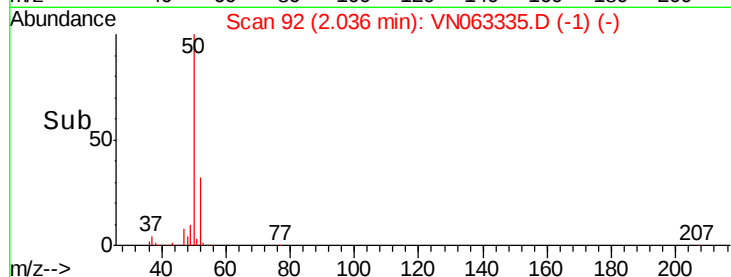
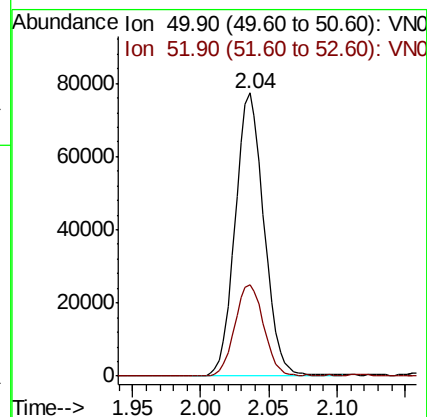
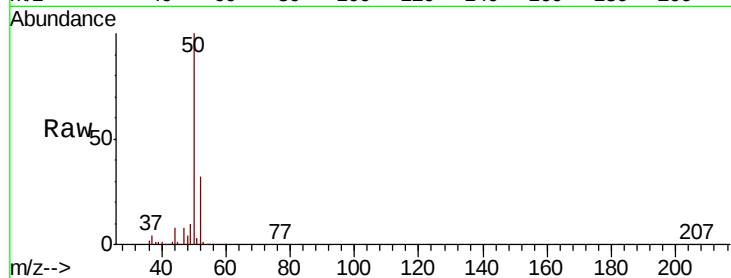
VN0914MBS01

Tot Ion: 50 Resp: 113870

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 17.756 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063335.D

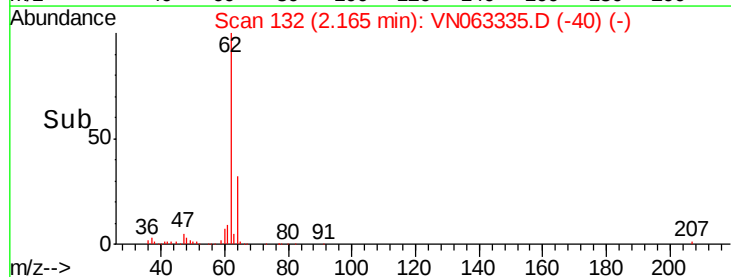
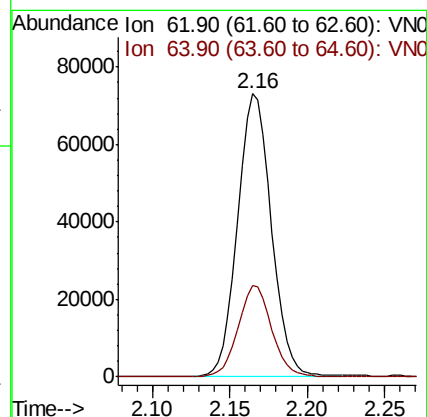
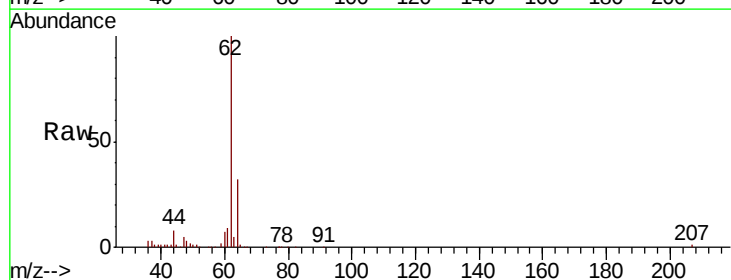
Acq: 14 Sep 2020 12:08

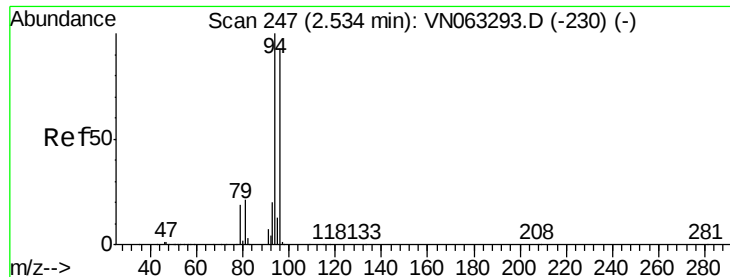
Tgt Ion: 62 Resp: 111042

Ion Ratio Lower Upper

62 100

64 32.4 24.6 37.0





#5

Bromomethane

Concen: 17.868 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

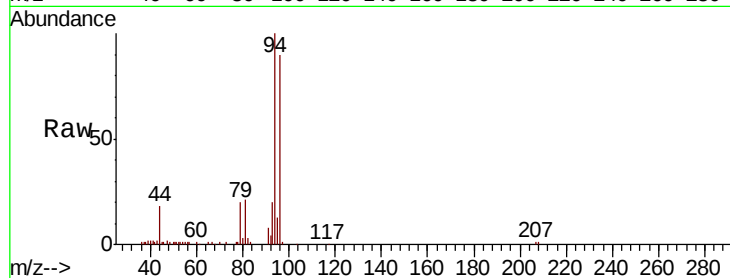
VN0914MBS01

Tot Ion: 94 Resp: 77962

Ion Ratio Lower Upper

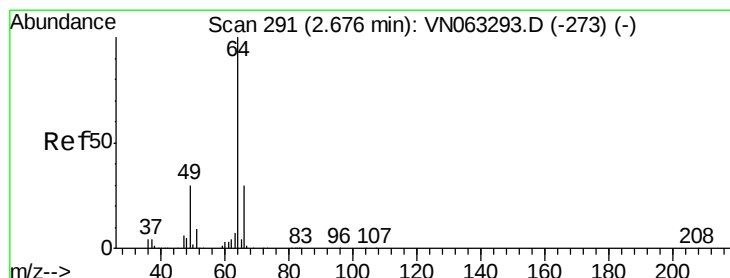
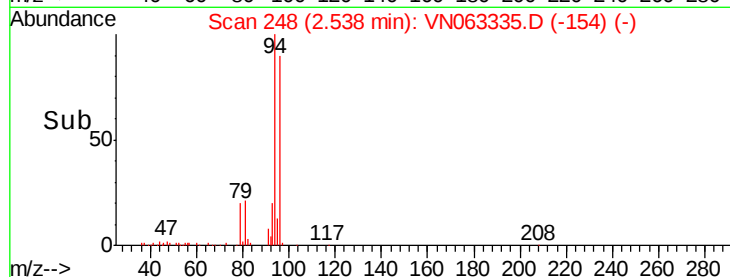
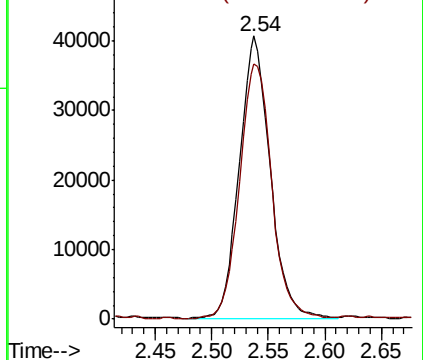
94 100

96 90.1 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.062 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063335.D

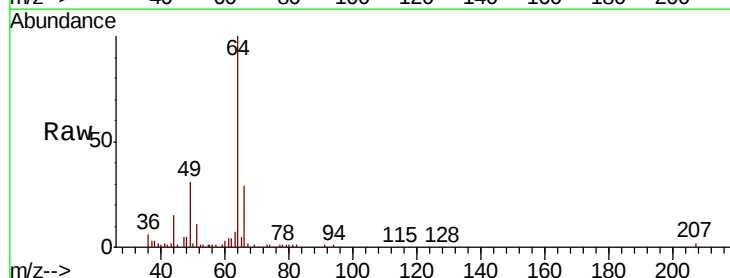
Acq: 14 Sep 2020 12:08

Tgt Ion: 64 Resp: 73888

Ion Ratio Lower Upper

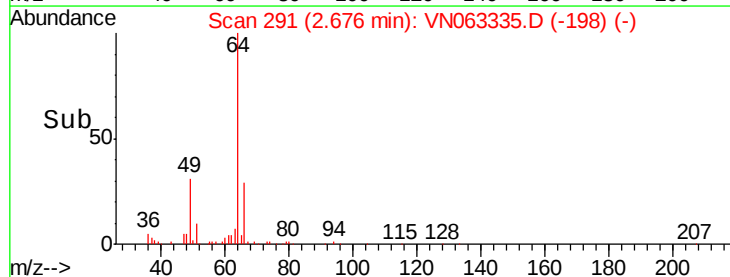
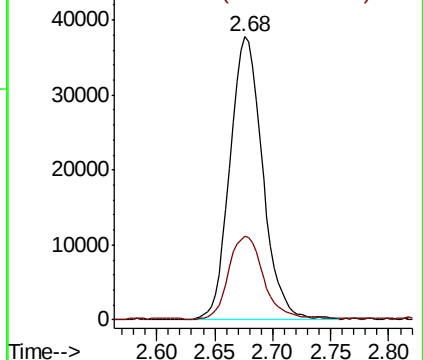
64 100

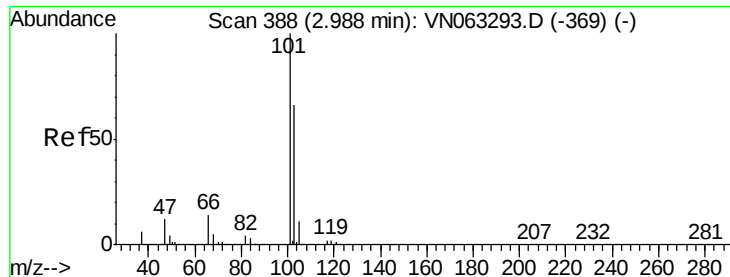
66 29.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.191 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

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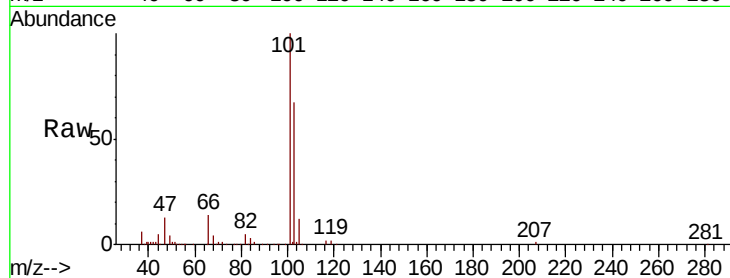
VN0914MBS01

Tot Ion:101 Resp: 175918

Ion Ratio Lower Upper

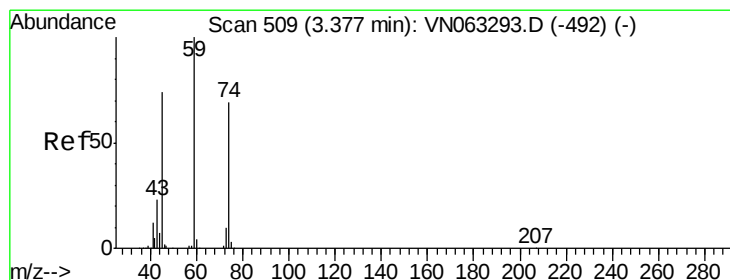
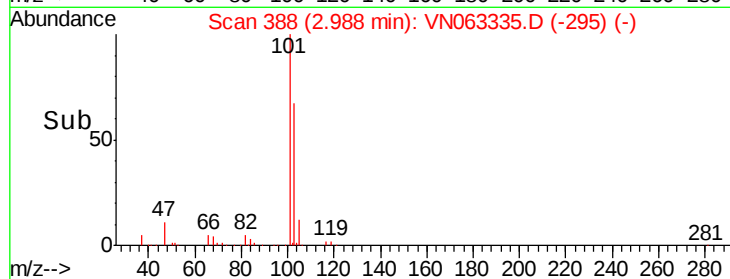
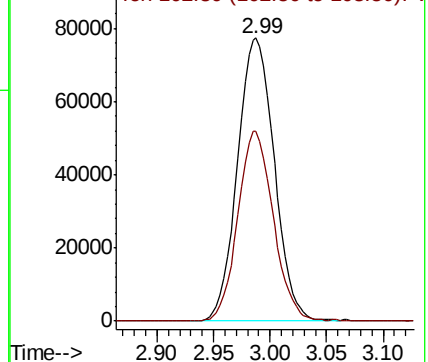
101 100

103 66.8 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.729 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN063335.D

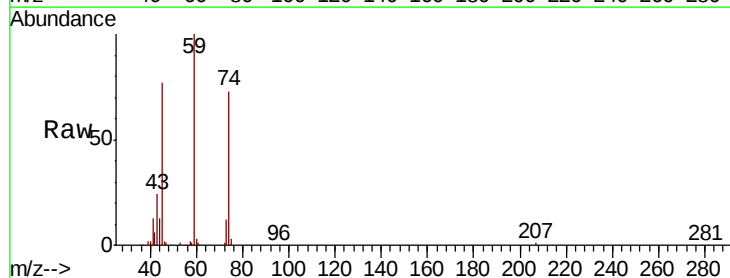
Acq: 14 Sep 2020 12:08

Tgt Ion: 74 Resp: 64582

Ion Ratio Lower Upper

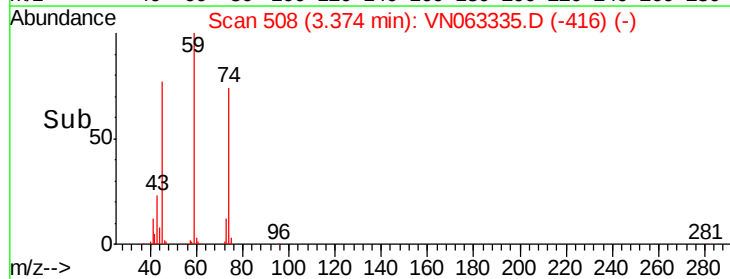
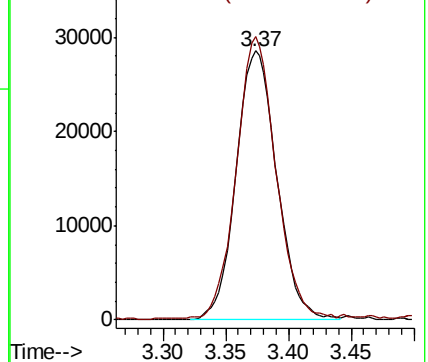
74 100

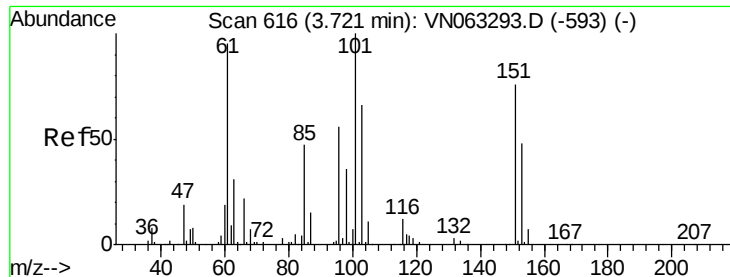
45 100.5 52.7 158.1



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.159 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

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ClientSampleId :

VN0914MBS01

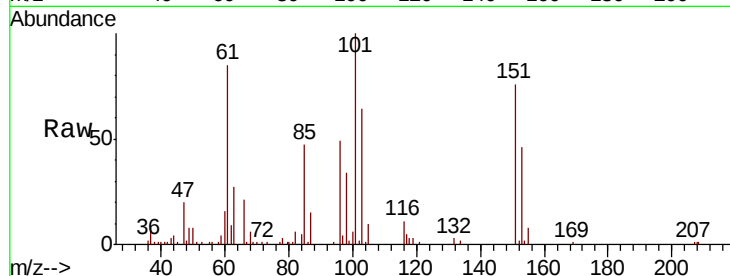
Tot Ion:101 Resp: 91748

Ion Ratio Lower Upper

101 100

85 46.6 36.9 55.3

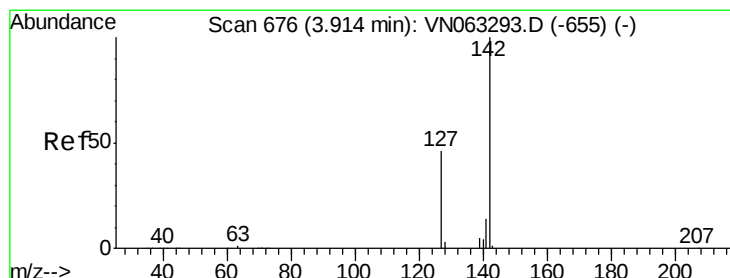
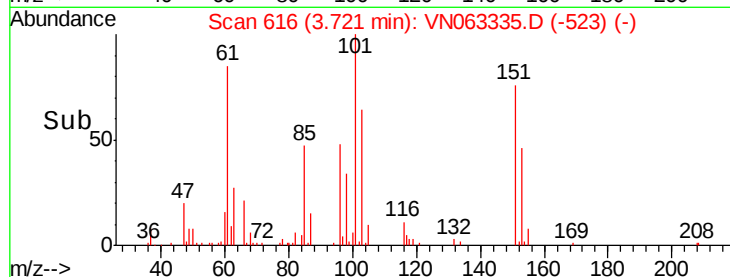
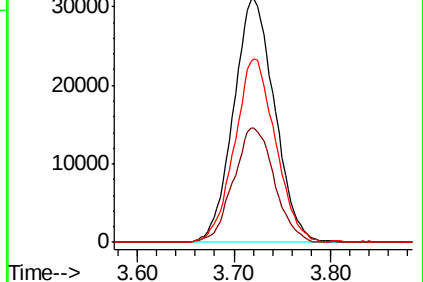
151 74.9 57.8 86.8



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: 18.387 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

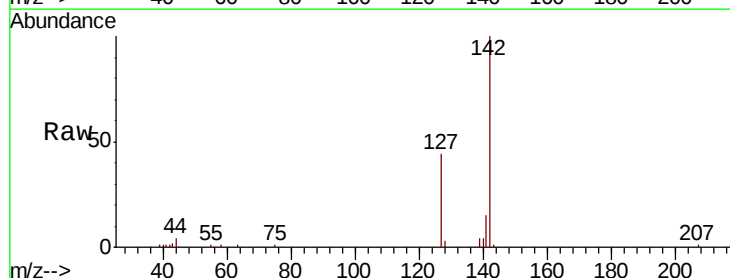
Tgt Ion:142 Resp: 120426

Ion Ratio Lower Upper

142 100

127 46.1 37.1 55.7

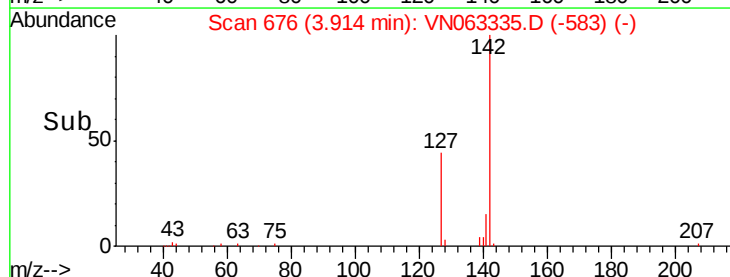
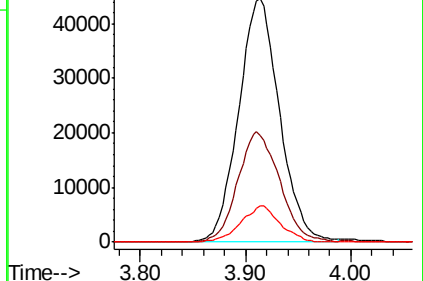
141 14.1 11.6 17.4

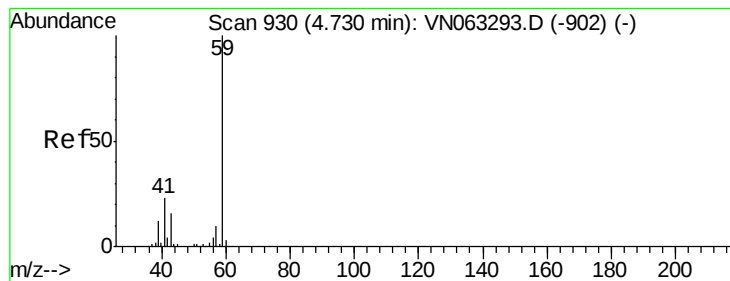


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



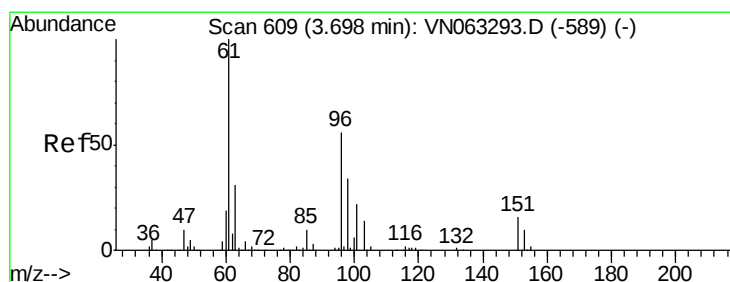
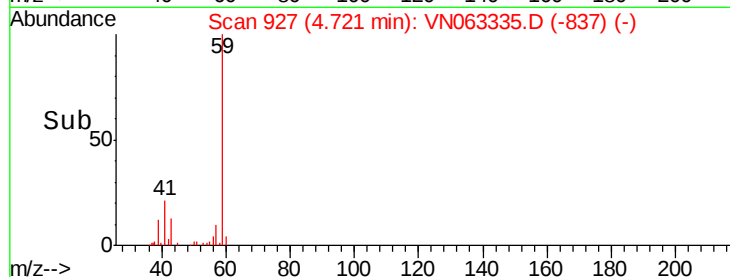
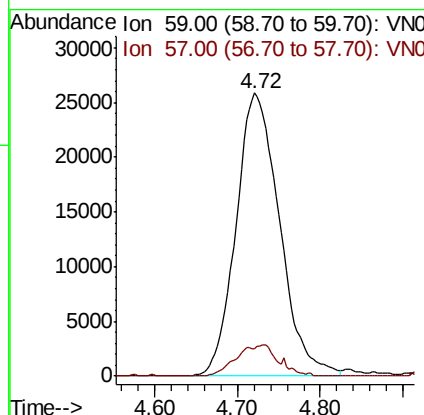
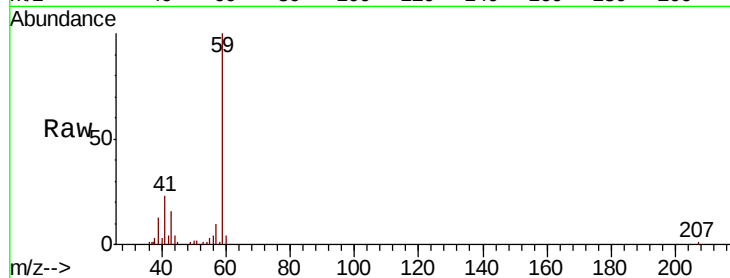


#11

Tert butyl alcohol
 Concen: 98.931 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

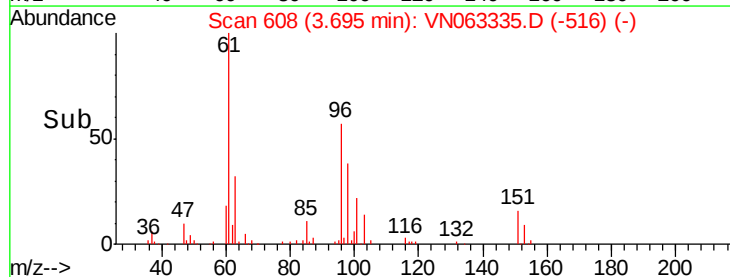
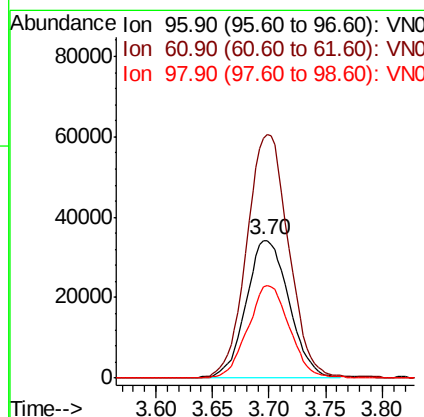
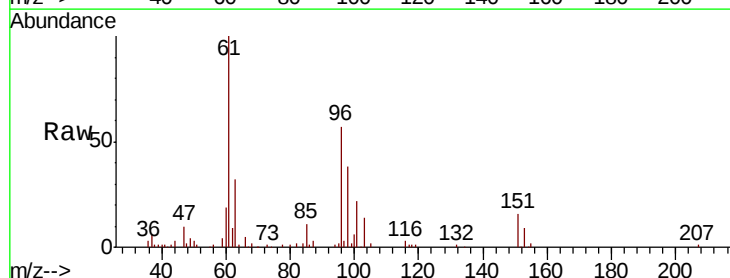
Tot Ion: 59 Resp: 94584
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.3 12.5#

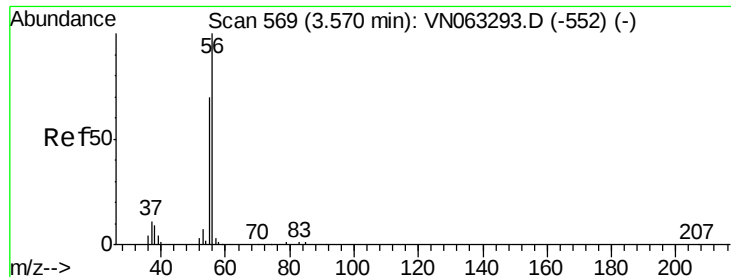


#12

1,1-Dichloroethene
 Concen: 17.930 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion: 96 Resp: 90431
 Ion Ratio Lower Upper
 96 100
 61 174.3 142.1 213.1
 98 66.0 48.8 73.2





#13

Acrolein

Concen: 114.250 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

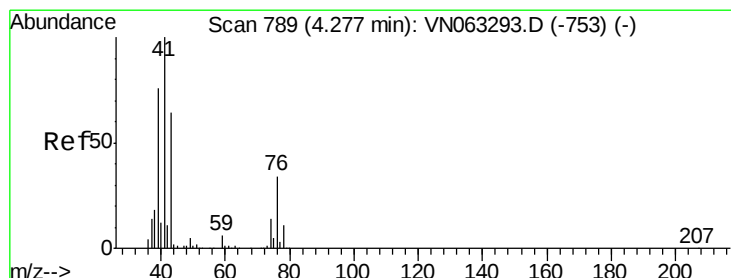
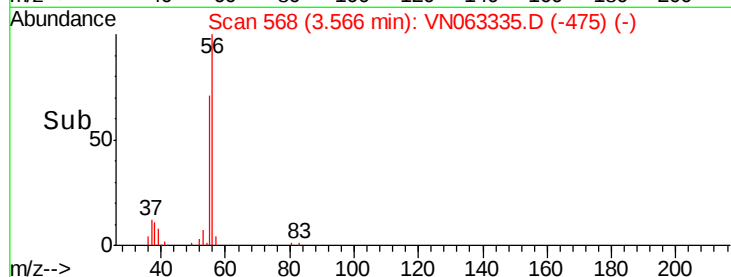
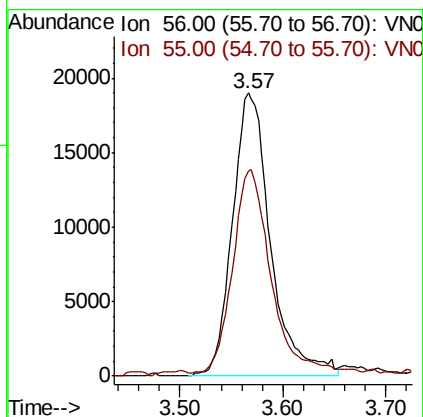
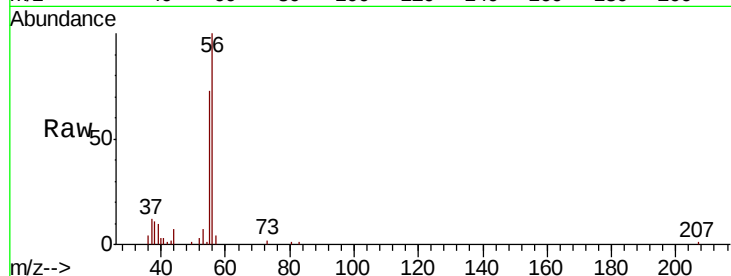
VN0914MBS01

Tot Ion: 56 Resp: 48989

Ion Ratio Lower Upper

56 100

55 70.8 57.2 85.8



#14

Allyl chloride

Concen: 17.435 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

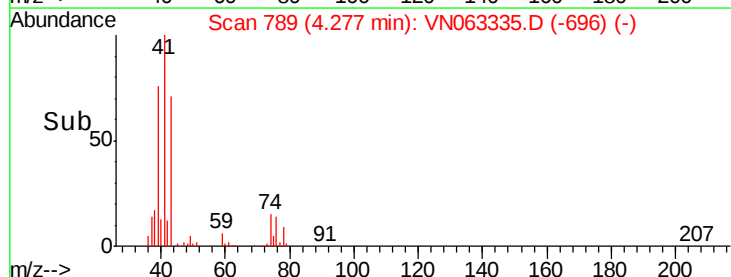
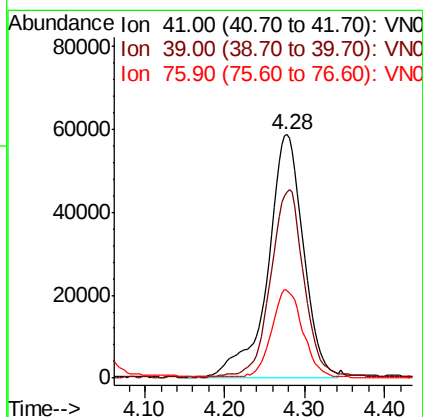
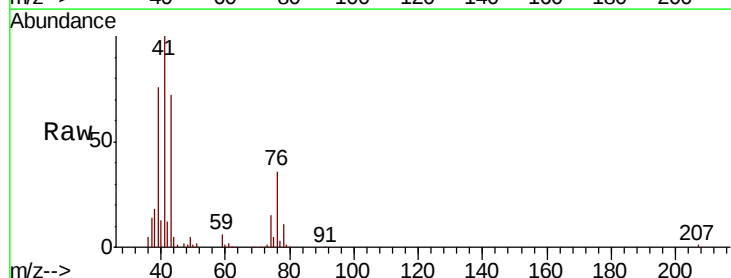
Tgt Ion: 41 Resp: 180512

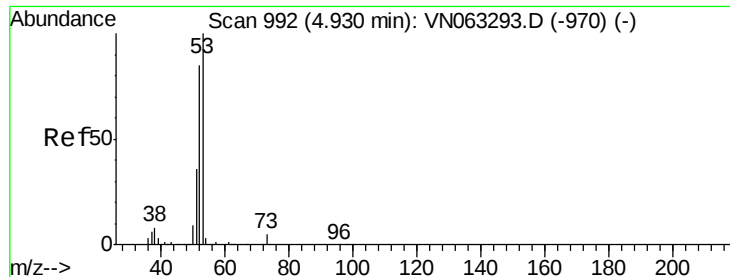
Ion Ratio Lower Upper

41 100

39 72.9 57.4 86.2

76 31.2 25.7 38.5





#15

Acrylonitrile

Concen: 95.385 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

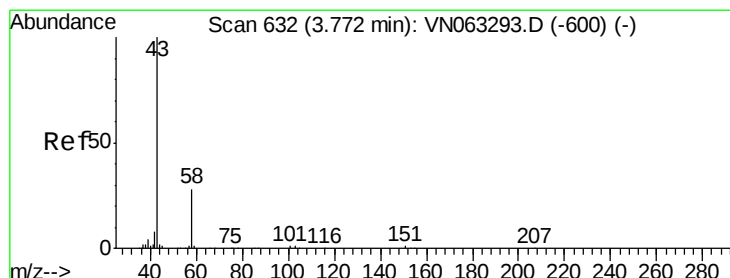
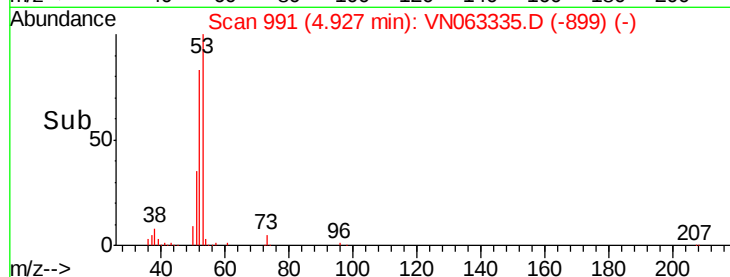
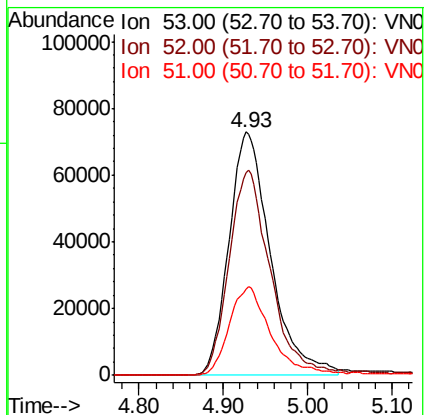
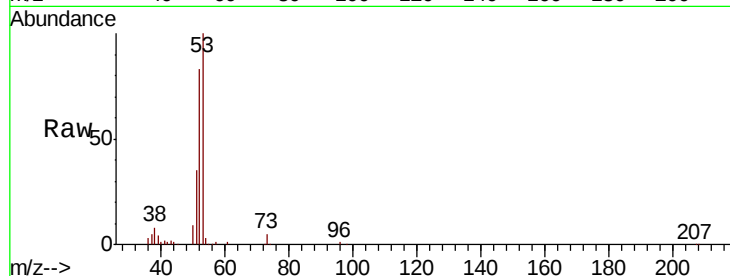
Tot Ion: 53 Resp: 249337

Ion Ratio Lower Upper

53 100

52 83.8 66.5 99.7

51 36.5 29.8 44.6



#16

Acetone

Concen: 87.092 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063335.D

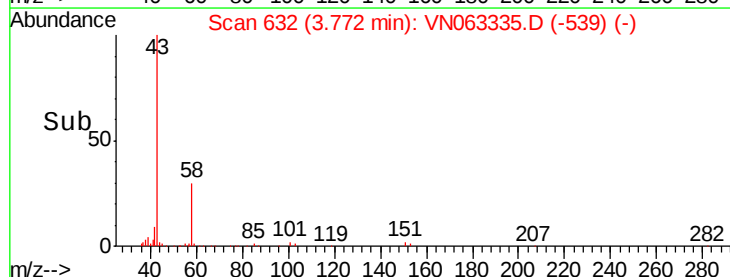
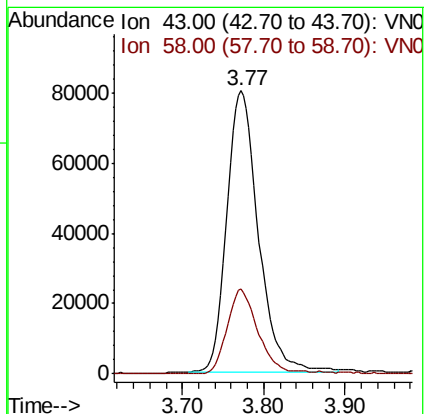
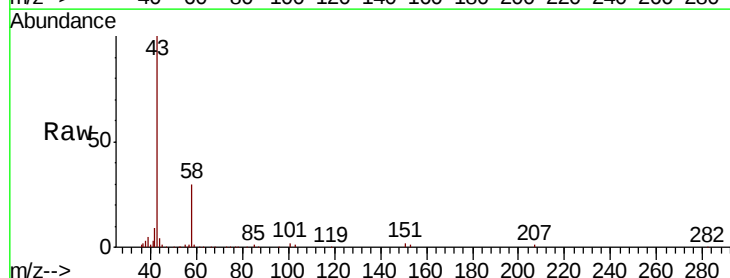
Acq: 14 Sep 2020 12:08

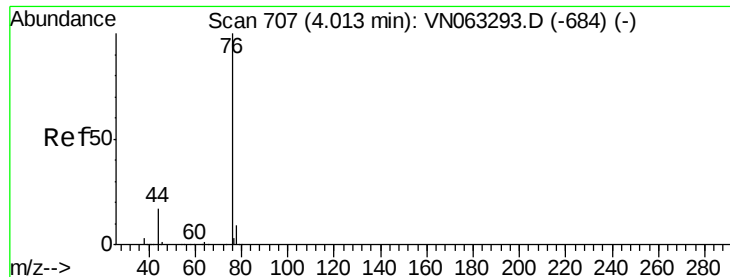
Tgt Ion: 43 Resp: 217463

Ion Ratio Lower Upper

43 100

58 30.1 22.6 34.0





#17

Carbon Disulfide

Concen: 17.764 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

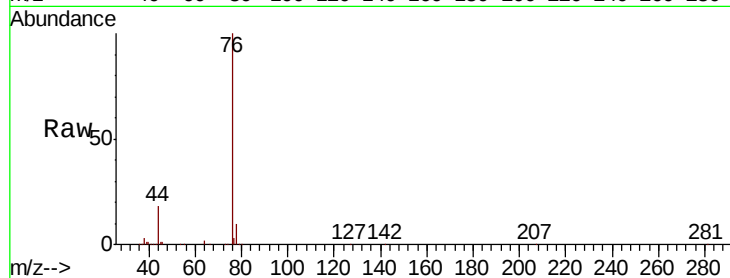
VN0914MBS01

Tot Ion: 76 Resp: 260078

Ion Ratio Lower Upper

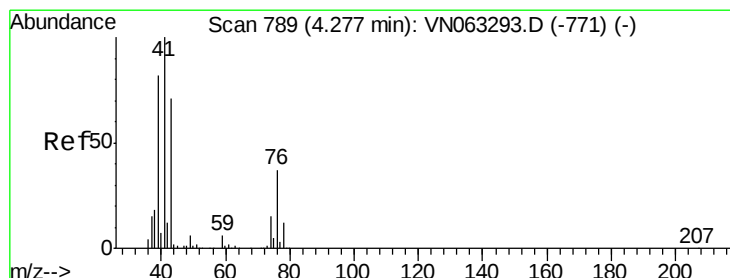
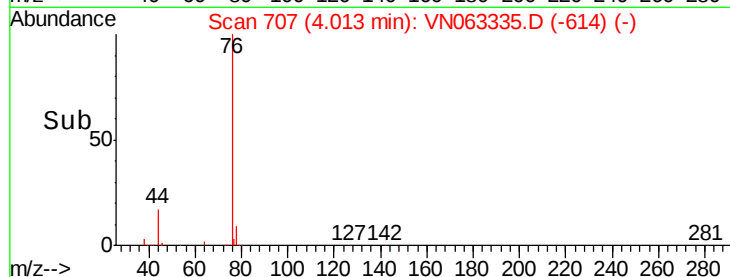
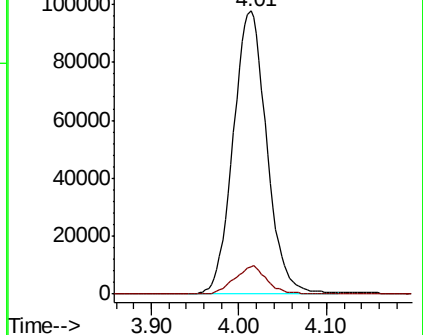
76 100

78 9.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.256 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063335.D

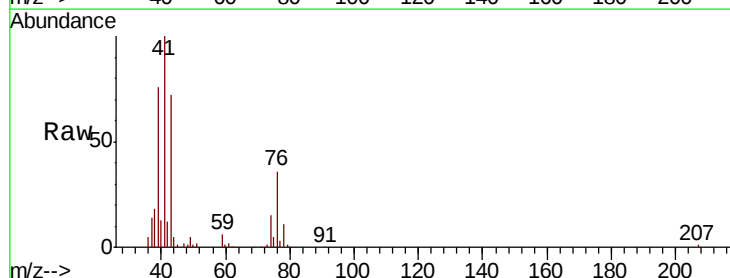
Acq: 14 Sep 2020 12:08

Tgt Ion: 43 Resp: 120868

Ion Ratio Lower Upper

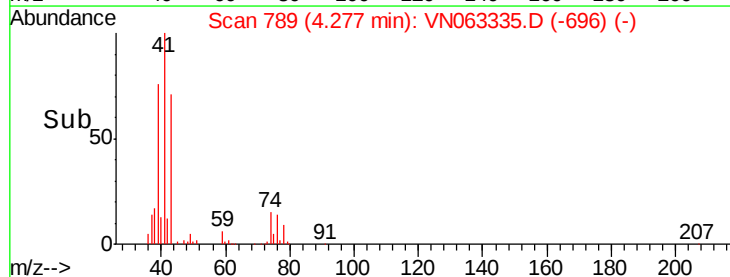
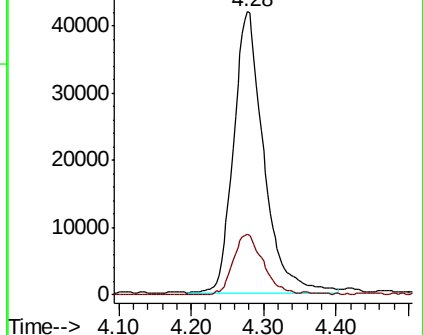
43 100

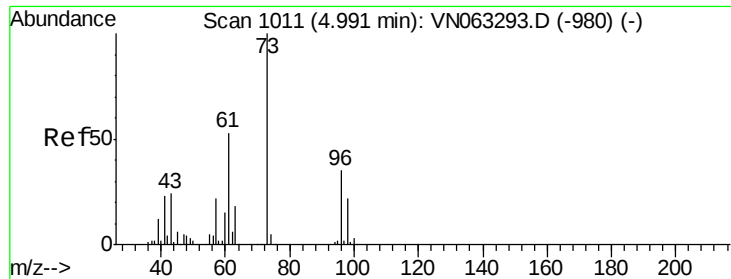
74 21.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

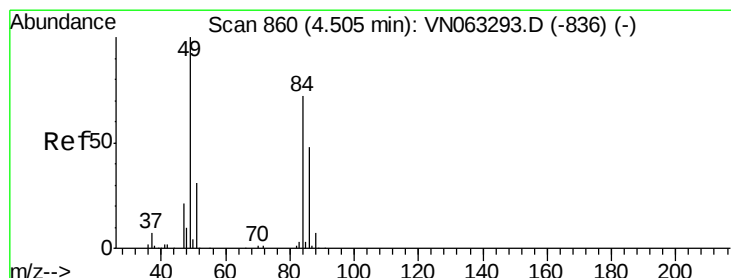
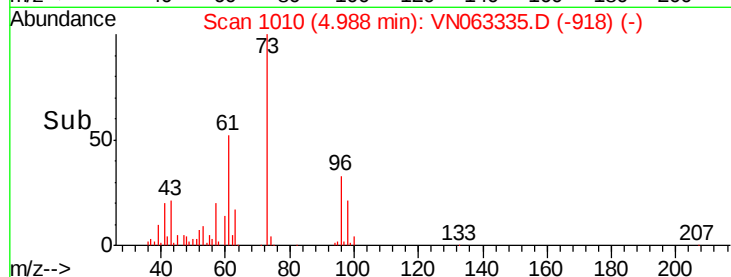
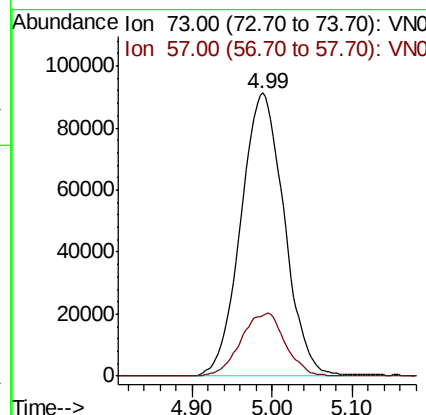
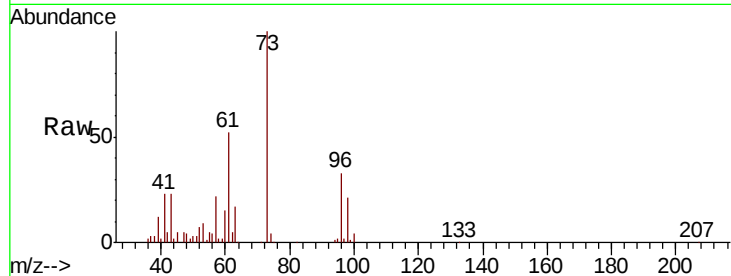




#19
Methvl tert-butvl Ether
Concen: 18.637 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

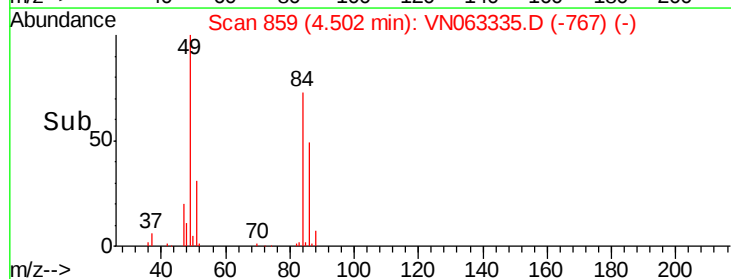
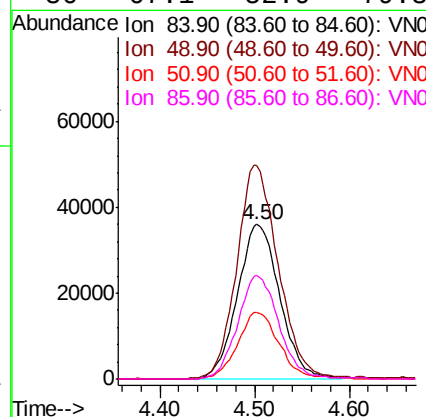
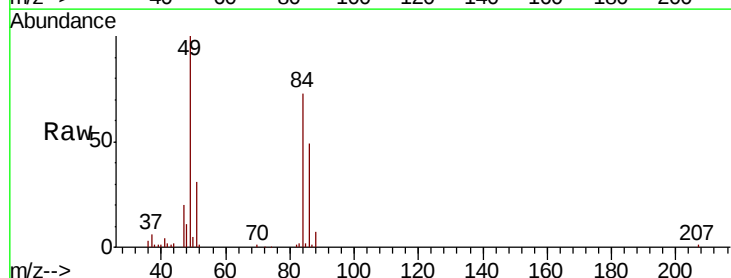
Instrument :
MSVOA_N
ClientSampled :
VN0914MBS01

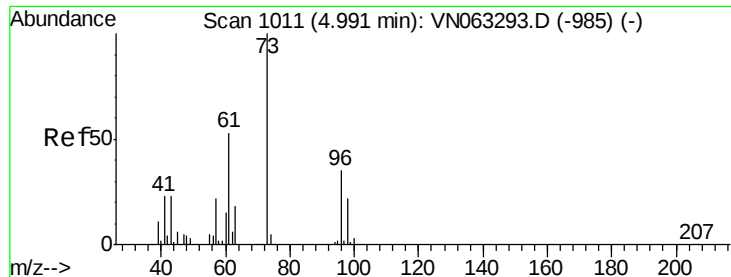
Tot Ion: 73 Resp: 335881
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 18.885 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 84 Resp: 111867
Ion Ratio Lower Upper
84 100
49 137.2 111.1 166.7
51 42.4 34.3 51.5
86 67.1 52.9 79.3



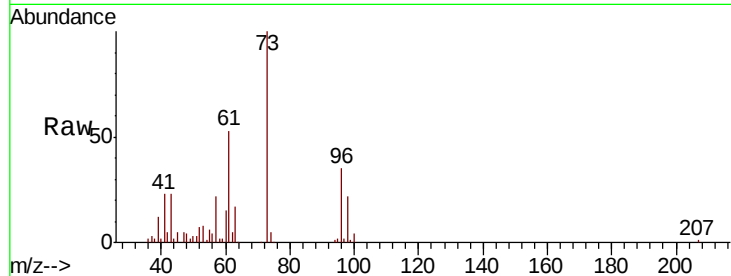


#21

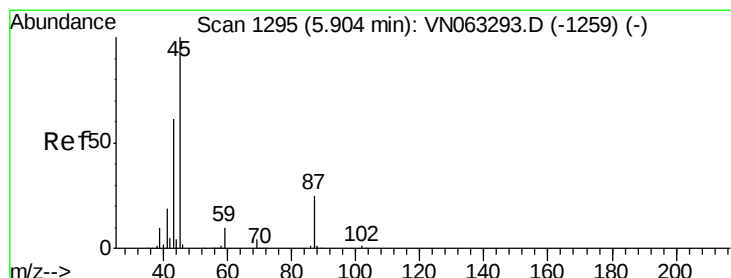
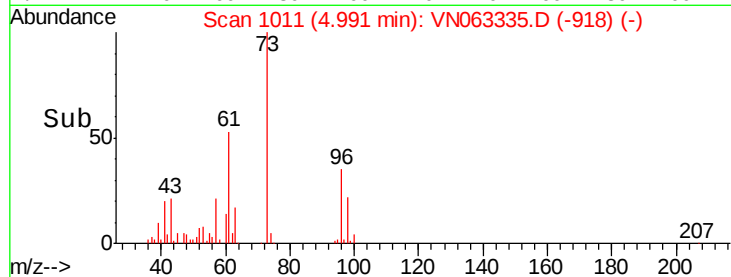
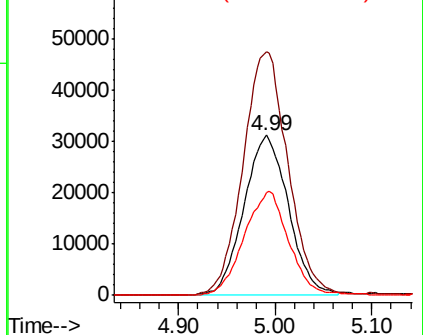
trans-1,2-Dichloroethene
Concen: 17.741 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

Tot Ion: 96 Resp: 100131
Ion Ratio Lower Upper
96 100
61 152.3 121.8 182.8
98 64.0 51.2 76.8



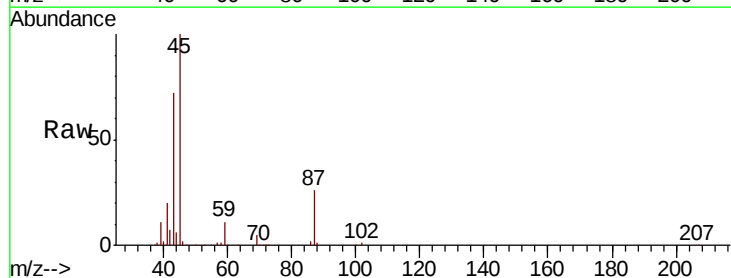
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



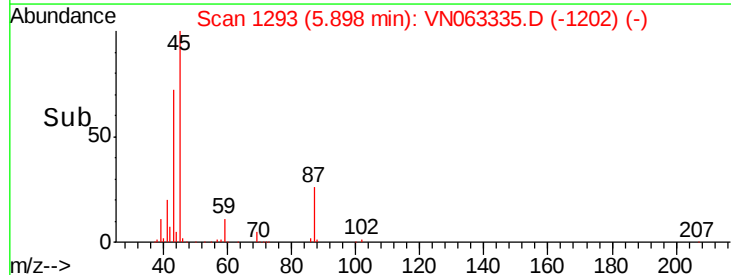
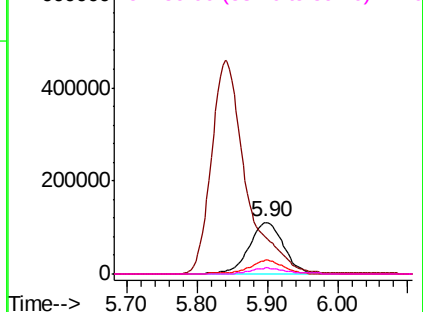
#22

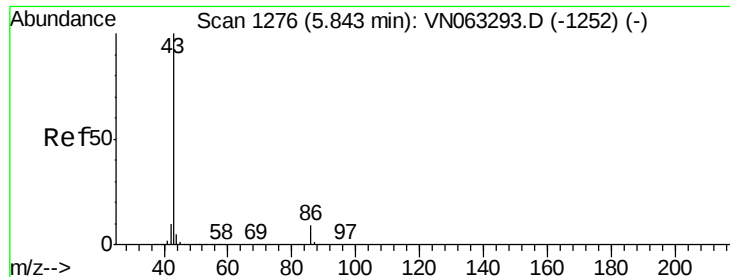
Diisopropyl ether
Concen: 18.633 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 45 Resp: 379657
Ion Ratio Lower Upper
45 100
43 69.3 50.3 75.5
87 25.9 20.7 31.1
59 11.1 8.4 12.6



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: 97.732 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

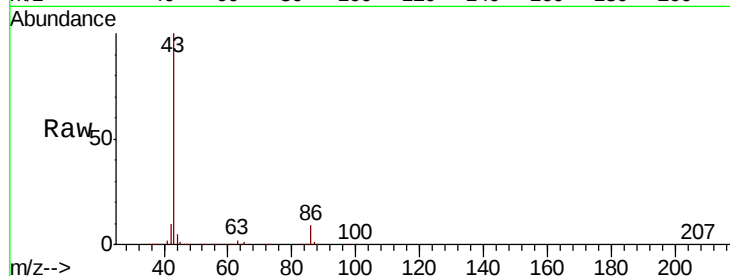
VN0914MBS01

Tot Ion: 43 Resp: 1567430

Ion Ratio Lower Upper

43 100

86 9.2 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

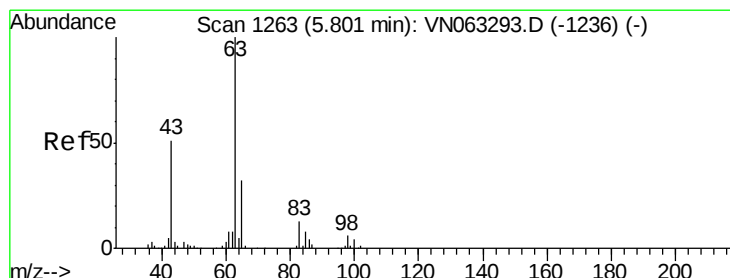
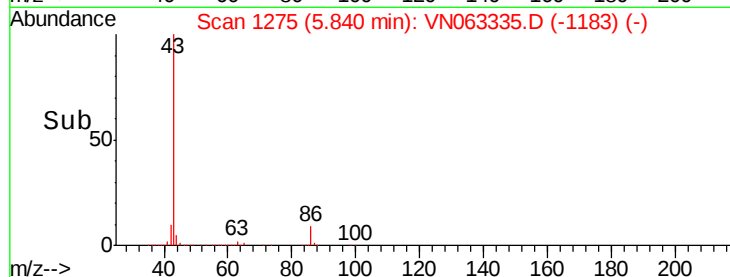
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.616 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

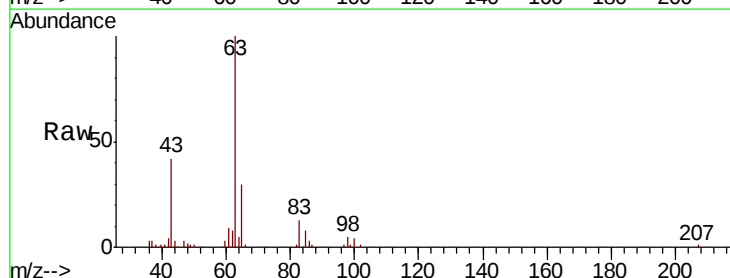
Tgt Ion: 63 Resp: 205414

Ion Ratio Lower Upper

63 100

98 5.4 3.1 9.3

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

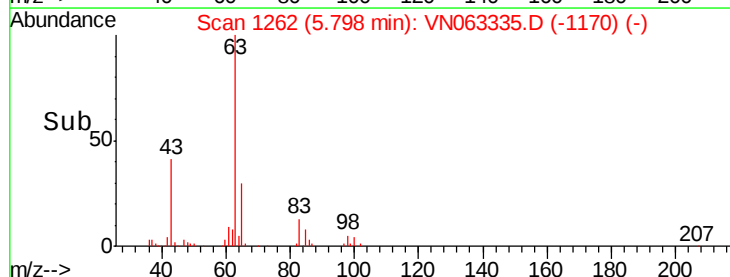
60000

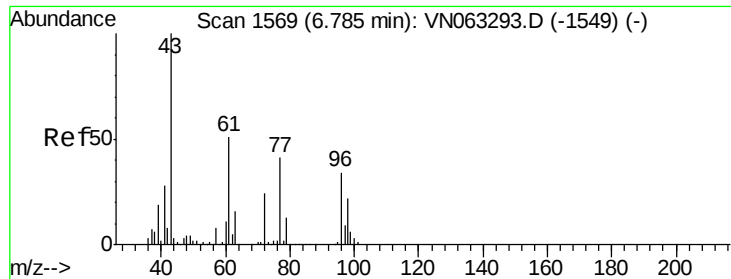
40000

20000

0

Time-->





#25

2-Butanone

Concen: 95.078 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

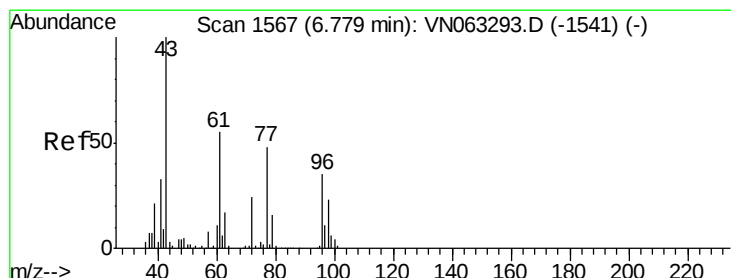
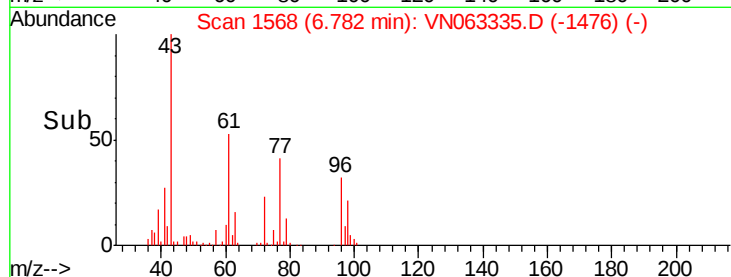
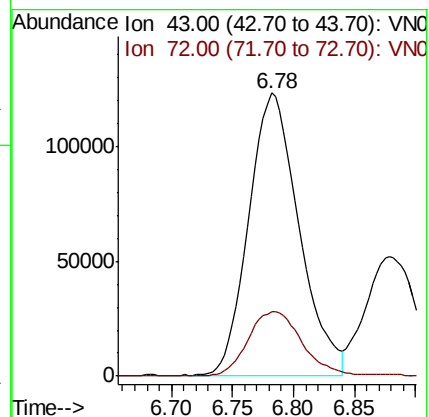
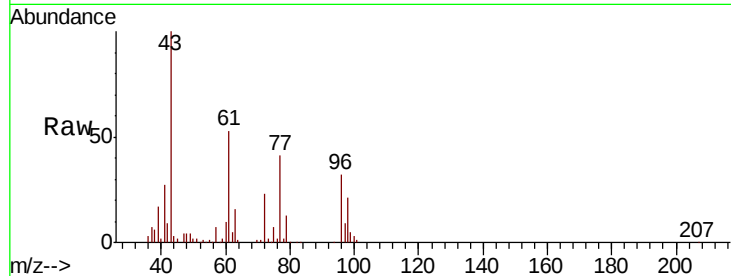
VN0914MBS01

Tot Ion: 43 Resp: 350691

Ion Ratio Lower Upper

43 100

72 22.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 17.688 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063335.D

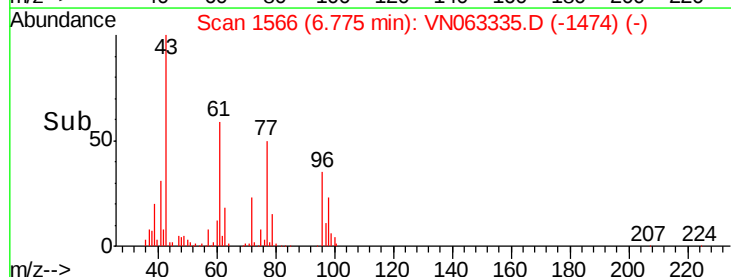
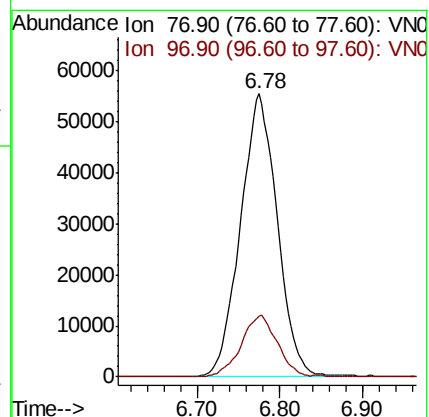
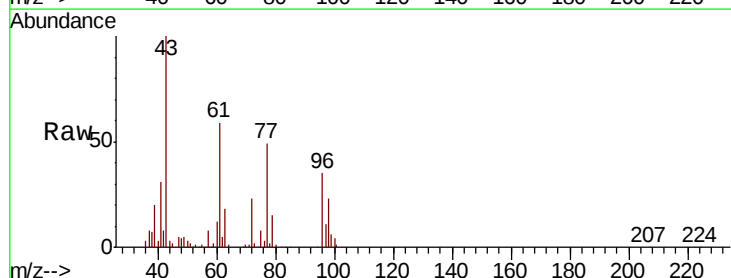
Acq: 14 Sep 2020 12:08

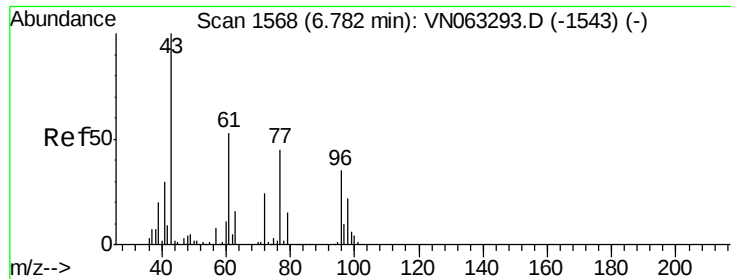
Tgt Ion: 77 Resp: 171068

Ion Ratio Lower Upper

77 100

97 21.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.936 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

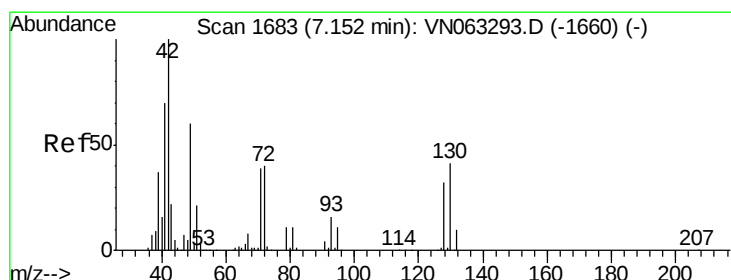
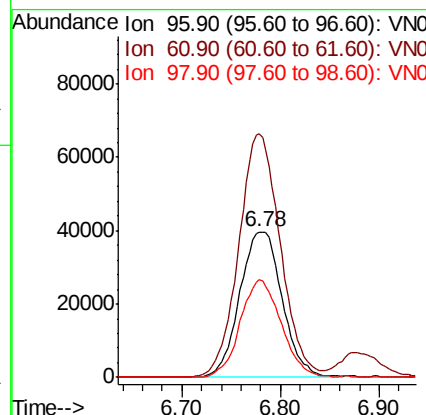
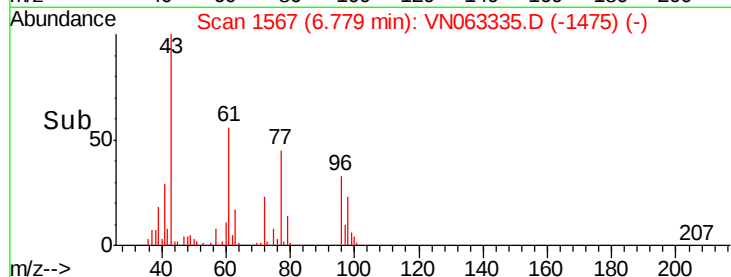
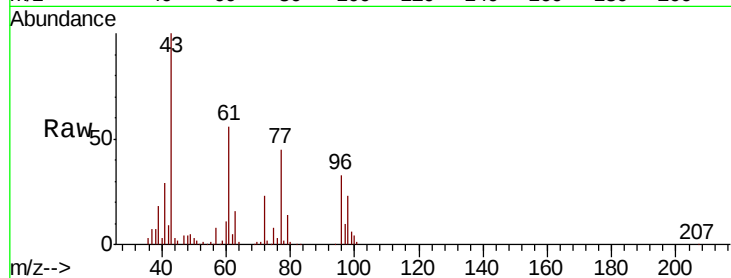
Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

Tot Ion: 96 Resp: 117983

Ion	Ratio	Lower	Upper
96	100		
61	164.4	0.0	322.8
98	65.0	0.0	132.2



#28

Bromochloromethane

Concen: 18.971 ug/l

RT: 7.15 min Scan# 1682

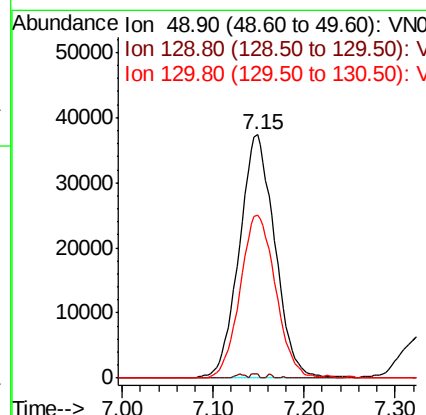
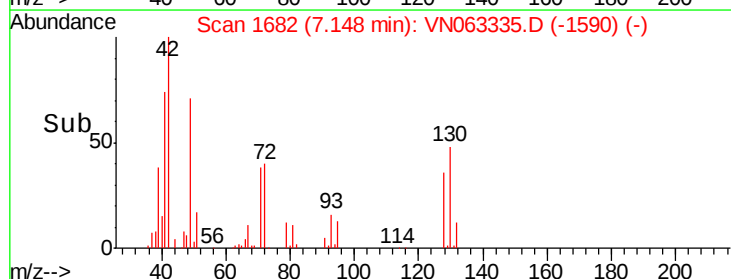
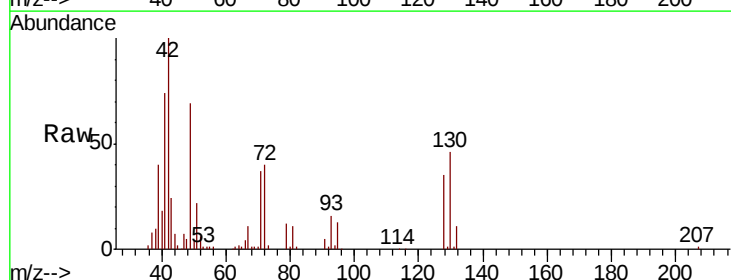
Delta R.T. -0.00 min

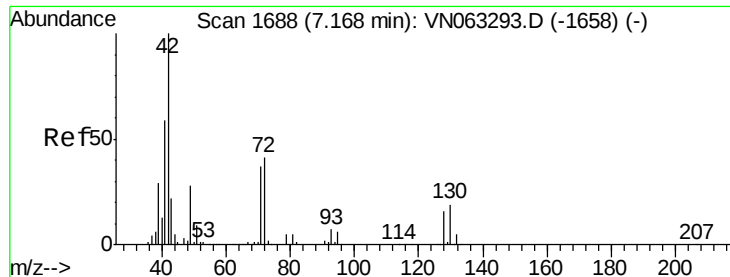
Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Tgt Ion: 49 Resp: 101508

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.4
130	66.8	53.1	79.7





#29

Tetrahydrofuran

Concen: 95.058 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

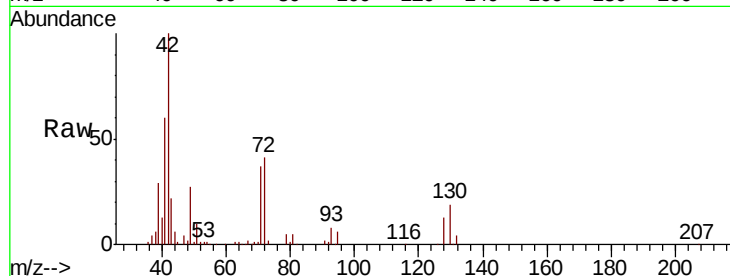
Tot Ion: 42 Resp: 228301

Ion Ratio Lower Upper

42 100

72 40.6 31.4 47.2

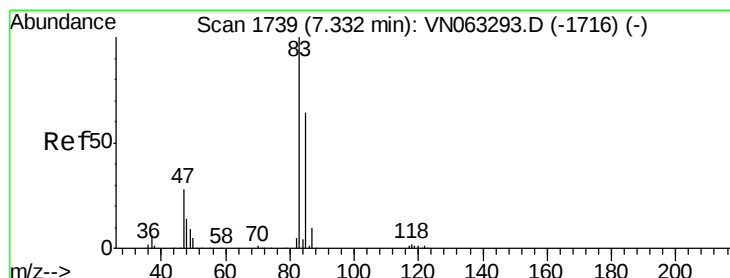
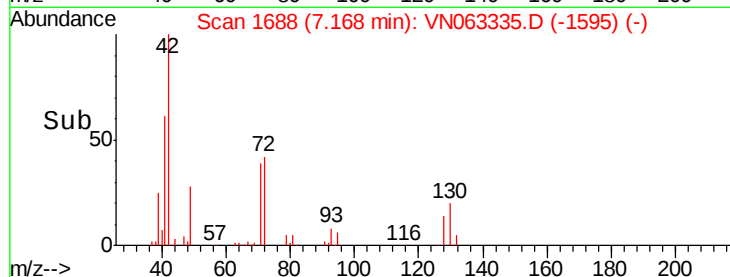
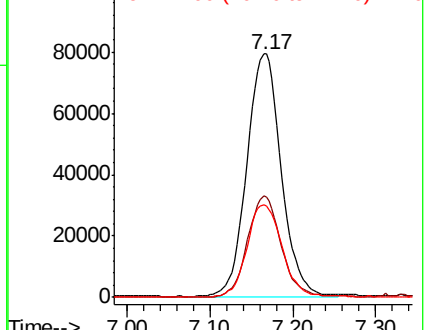
71 38.9 30.0 45.0



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: 18.165 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063335.D

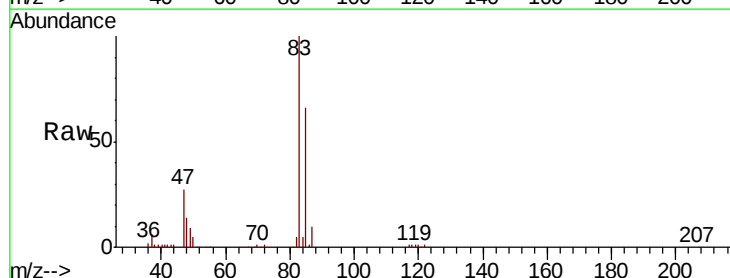
Acq: 14 Sep 2020 12:08

Tgt Ion: 83 Resp: 200689

Ion Ratio Lower Upper

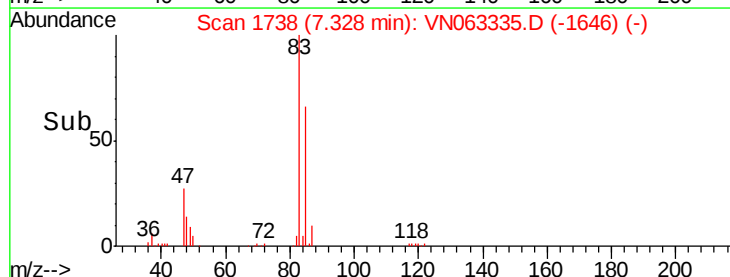
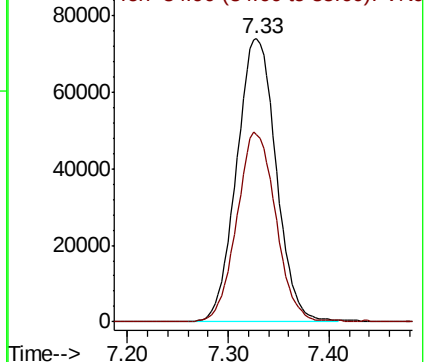
83 100

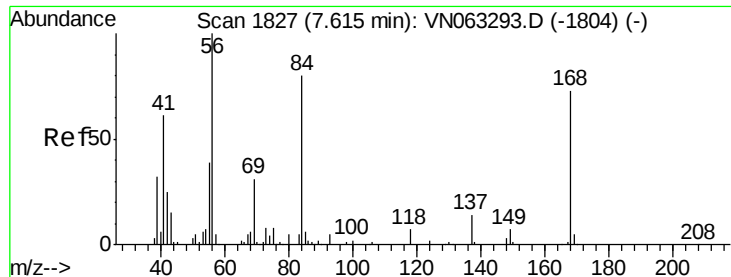
85 66.4 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

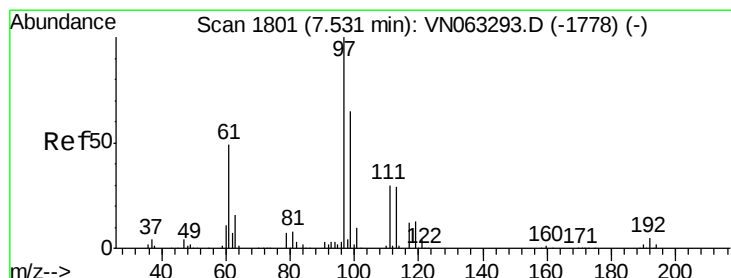
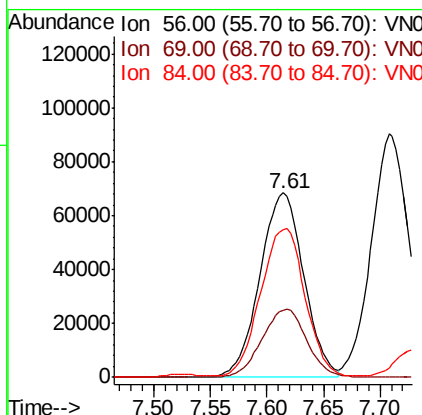
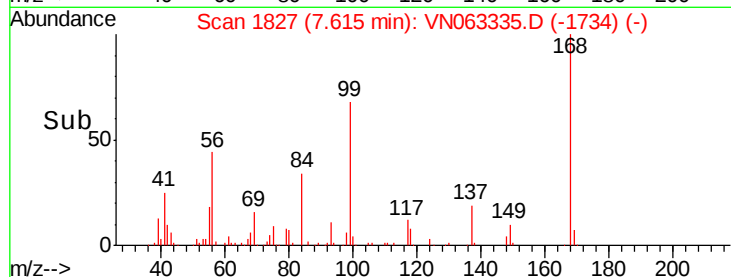
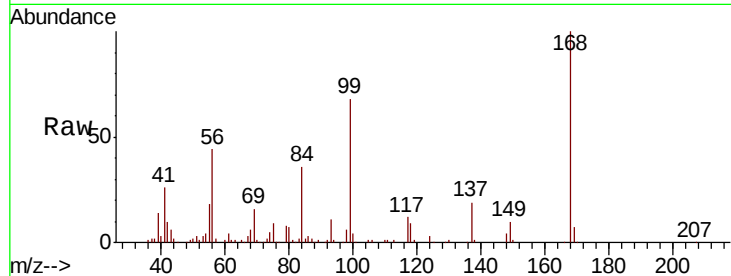




#31
Cyclohexane
Concen: 18.153 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

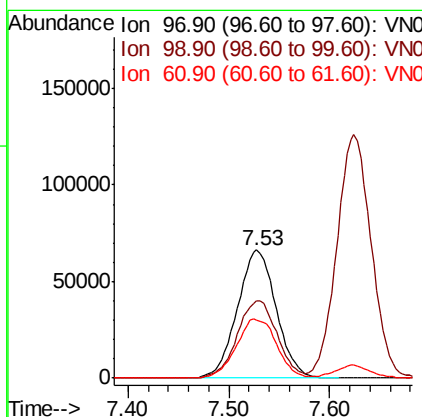
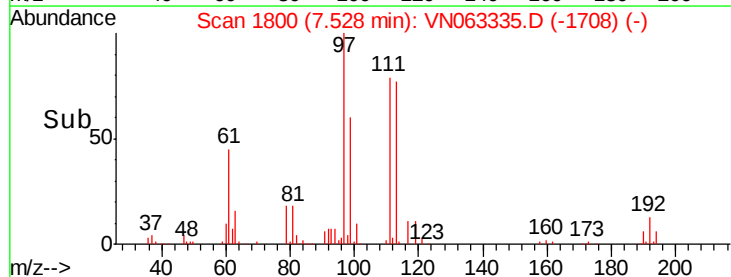
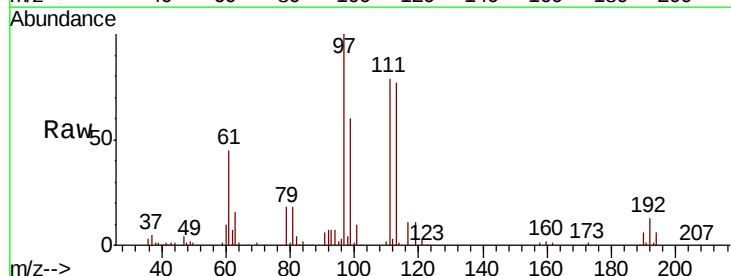
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

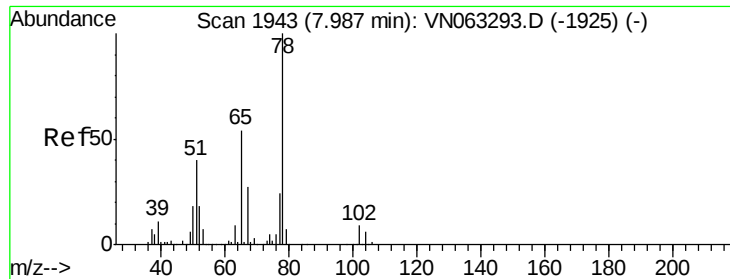
Tot Ion: 56 Resp: 184107
Ion Ratio Lower Upper
56 100
69 36.6 25.1 37.7
84 78.6 64.2 96.2



#32
1,1,1-Trichloroethane
Concen: 18.367 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 97 Resp: 176887
Ion Ratio Lower Upper
97 100
99 62.1 51.4 77.2
61 48.2 38.9 58.3

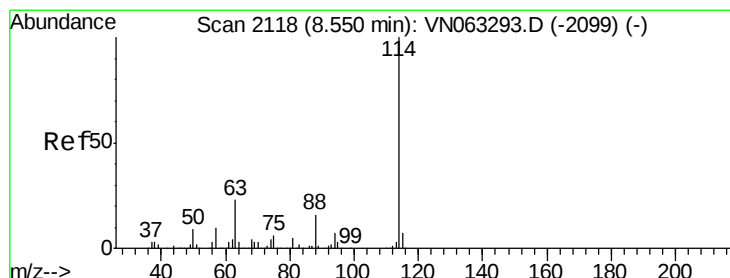
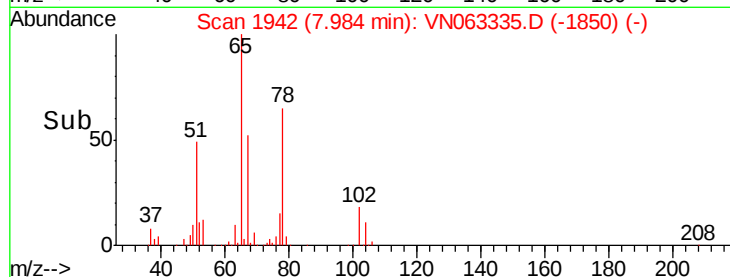
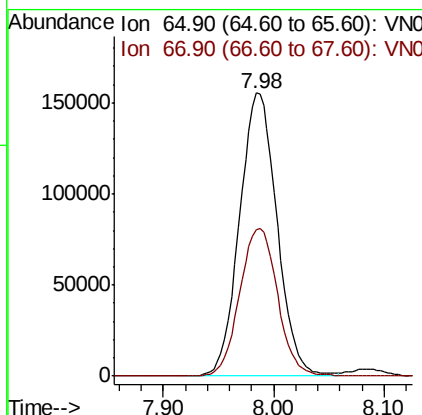
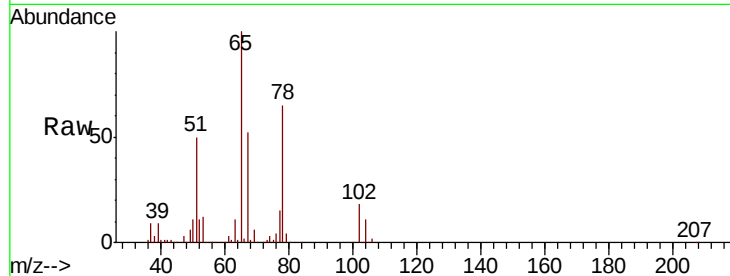




#33
 1,2-Dichloroethane-d4
 Concen: 50.578 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

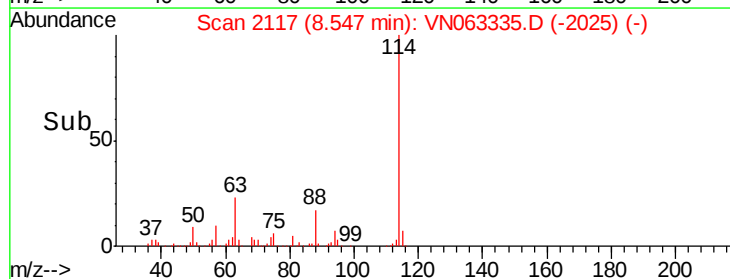
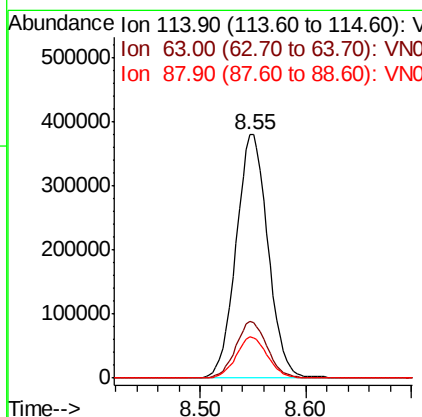
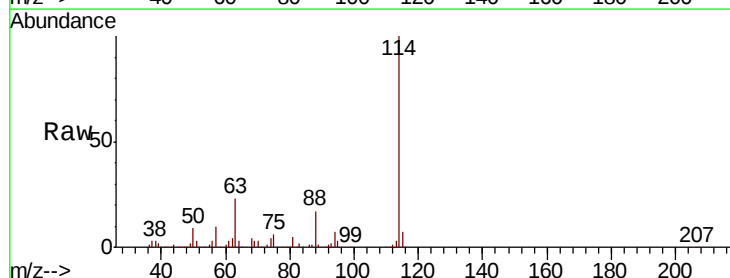
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

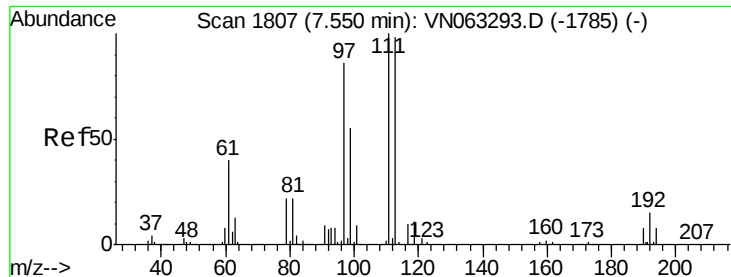
Tot Ion: 65 Resp: 365736
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion: 114 Resp: 795830
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.0
 88 16.8 0.0 32.8

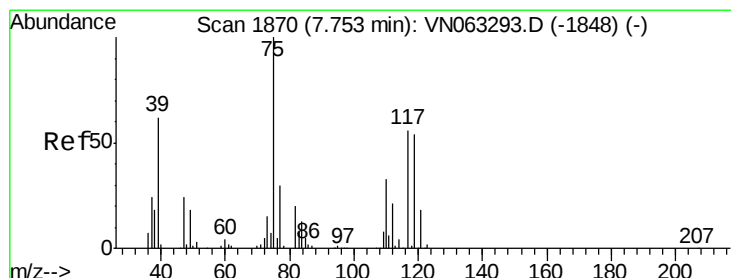
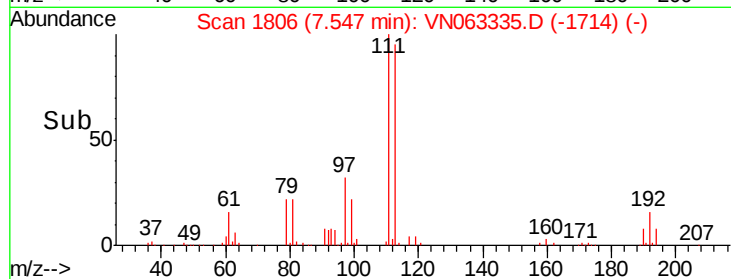
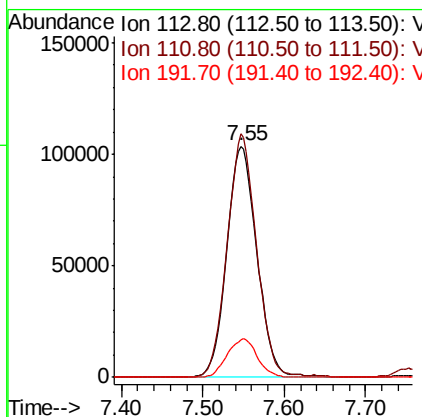
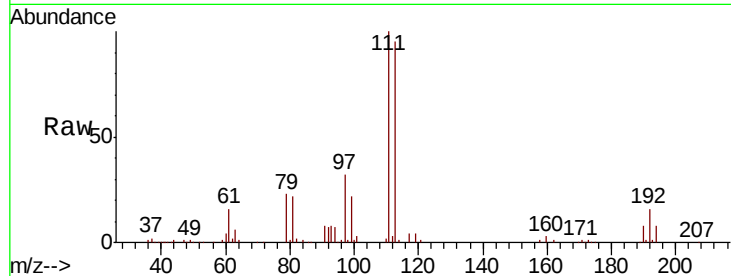




#35
 Dibromofluoromethane
 Concen: 52.351 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

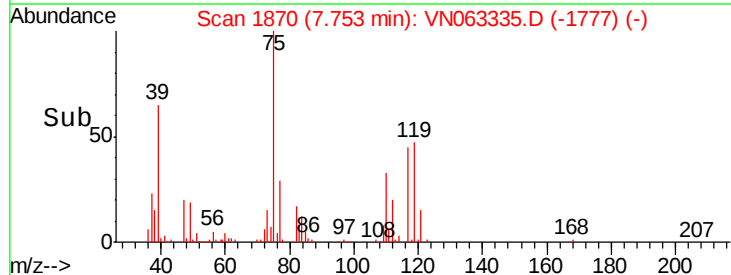
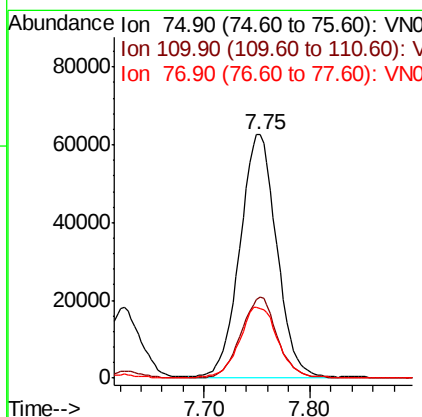
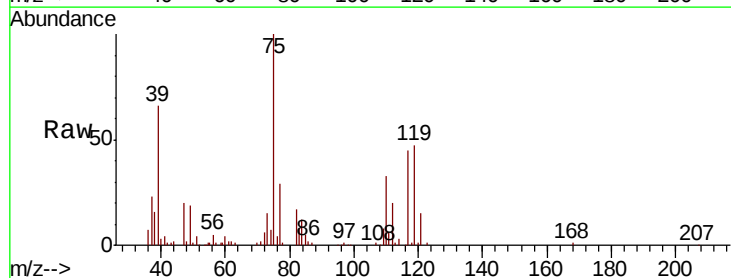
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

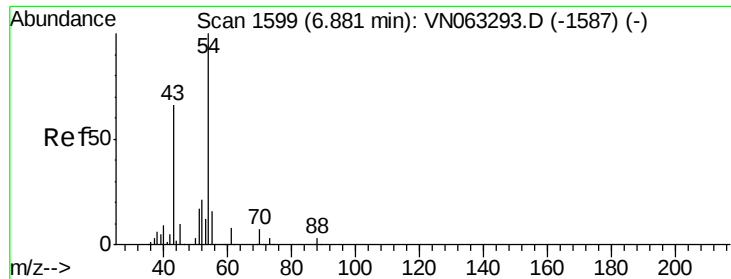
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	16.7	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 18.506 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.4	49.4
77	30.8	24.8	37.2

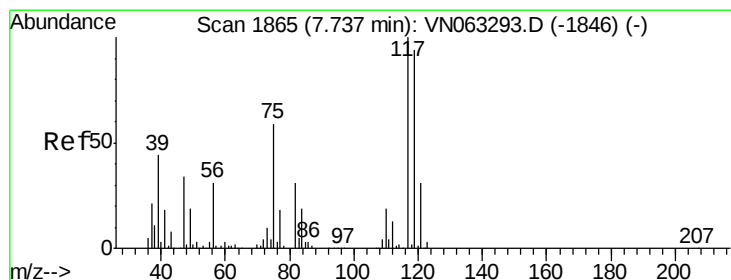
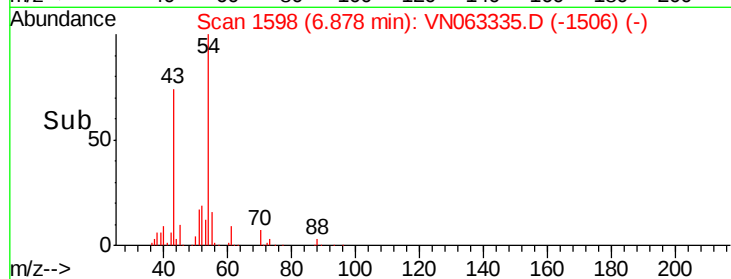
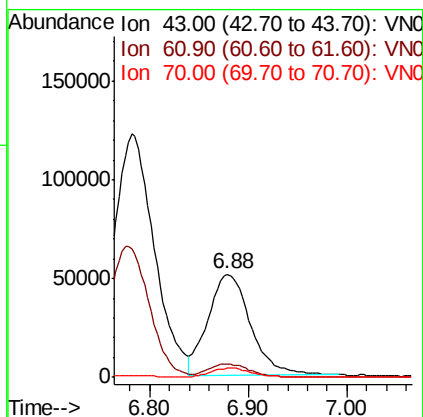
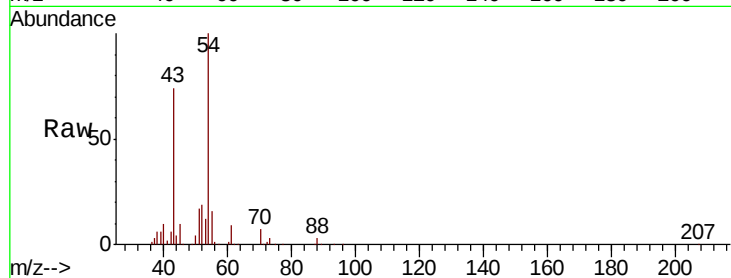




#37
Ethyl Acetate
Concen: 19.229 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

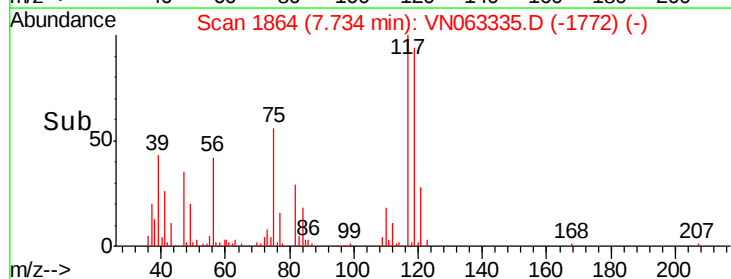
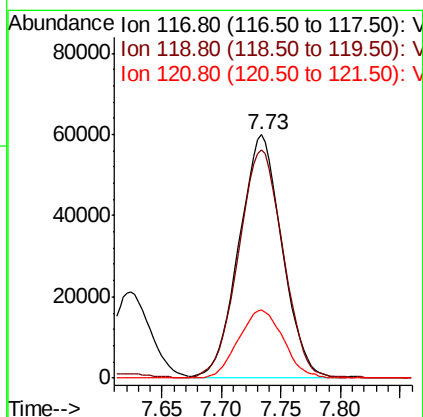
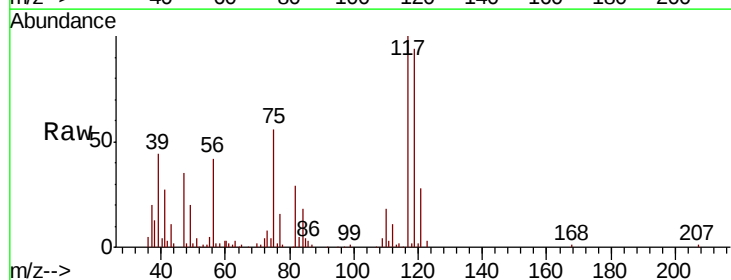
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

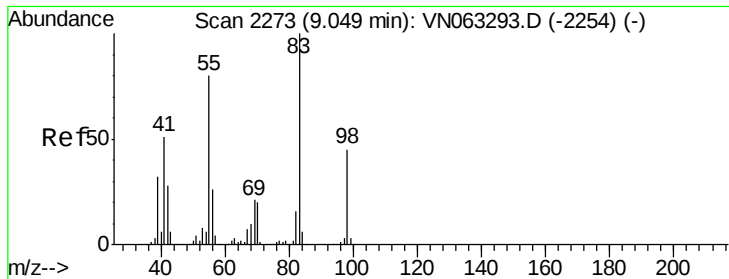
Tot Ion: 43 Resp: 154748
Ion Ratio Lower Upper
43 100
61 12.4 10.1 15.1
70 9.1 7.4 11.2



#38
Carbon Tetrachloride
Concen: 18.502 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 117 Resp: 148956
Ion Ratio Lower Upper
117 100
119 94.1 75.3 112.9
121 27.9 24.6 37.0

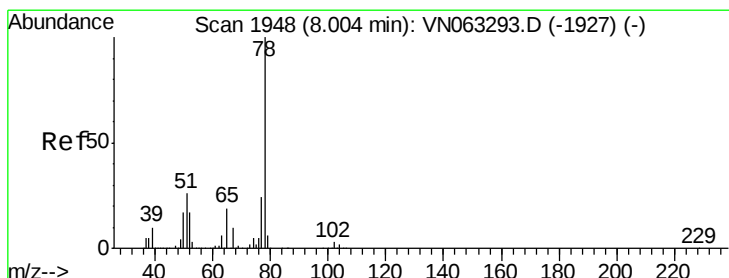
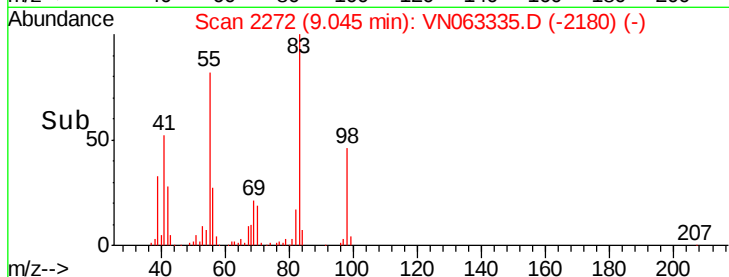
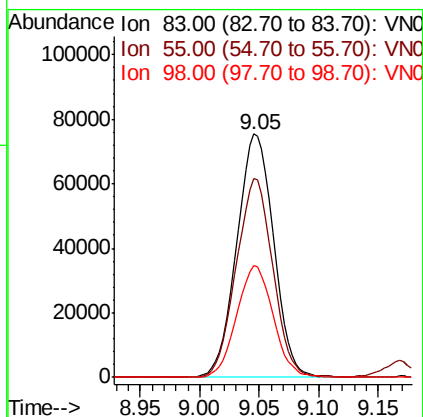
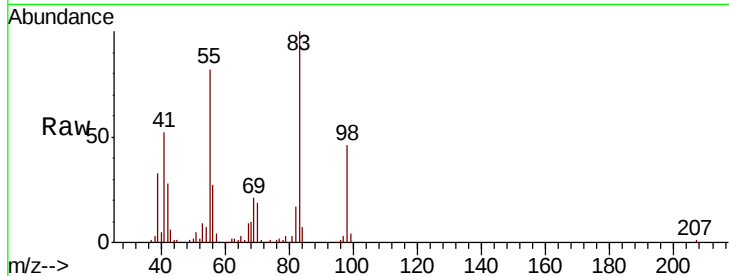




#39
Methvlcvclohexane
Concen: 18.151 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

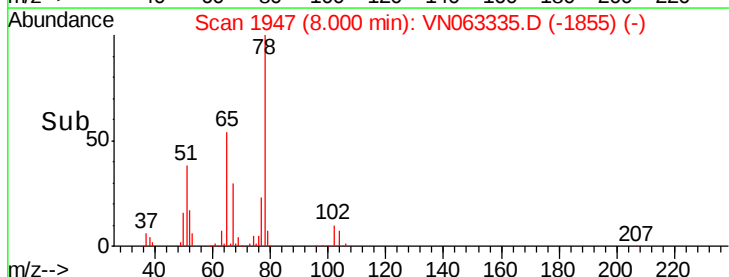
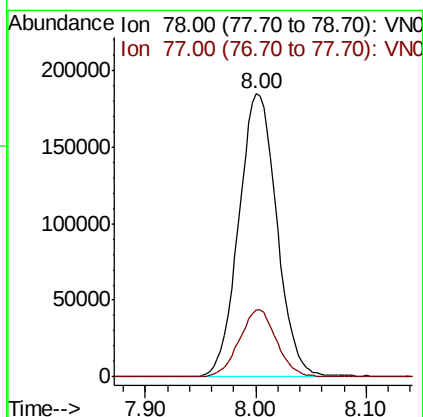
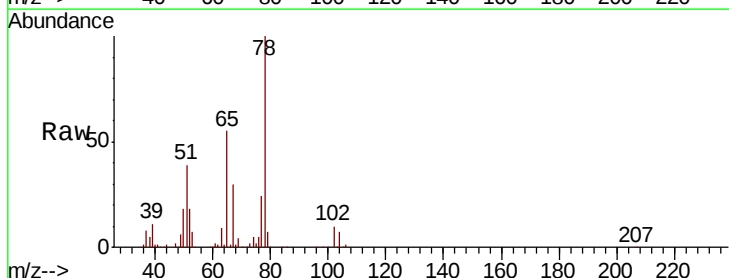
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

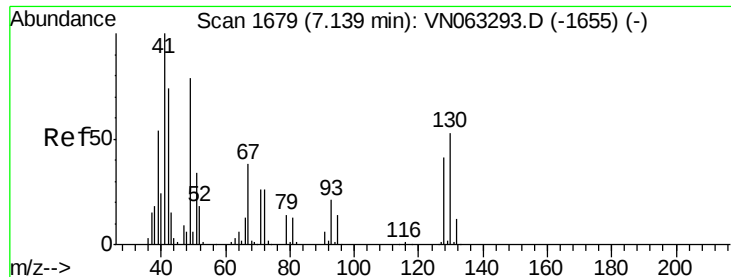
Tot Ion: 83 Resp: 161982
Ion Ratio Lower Upper
83 100
55 81.7 64.0 96.0
98 45.9 36.4 54.6



#40
Benzene
Concen: 18.882 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 78 Resp: 441159
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

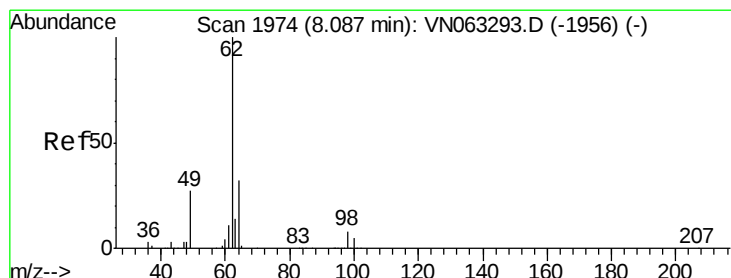
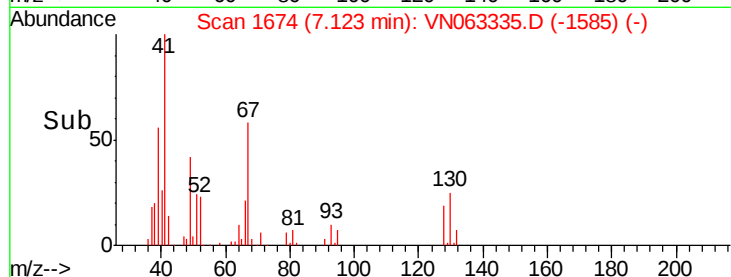
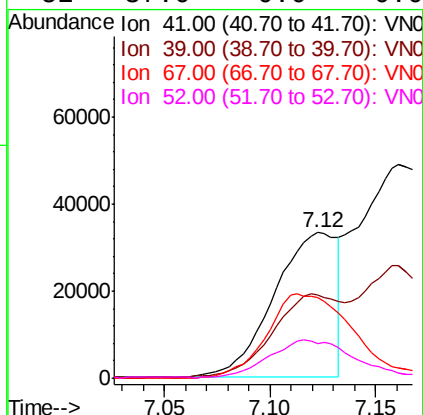
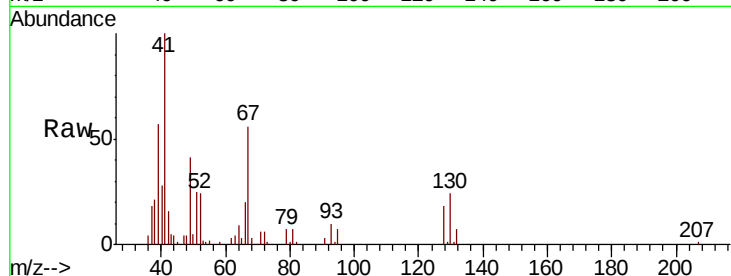




#41
Methacrylonitrile
Concen: 18.935 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

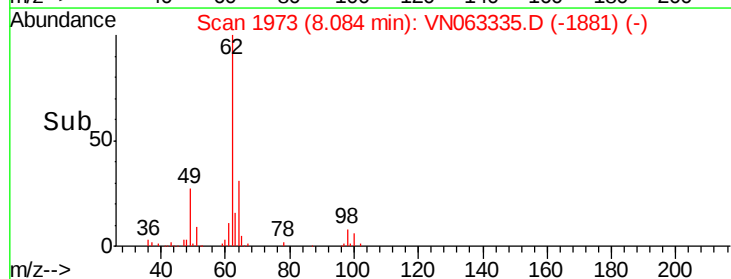
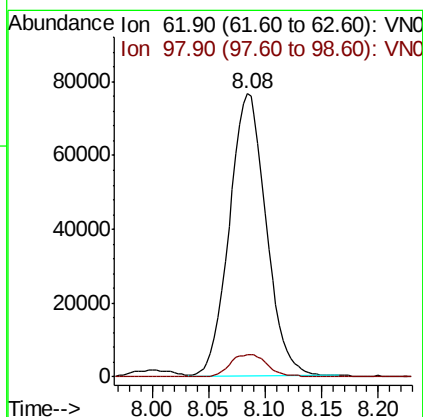
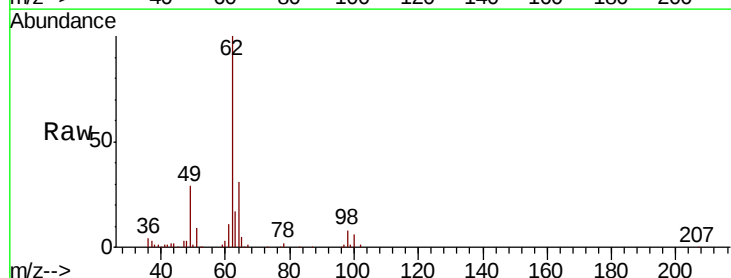
Instrument :
MSVOA_N
ClientSampled :
VN0914MBS01

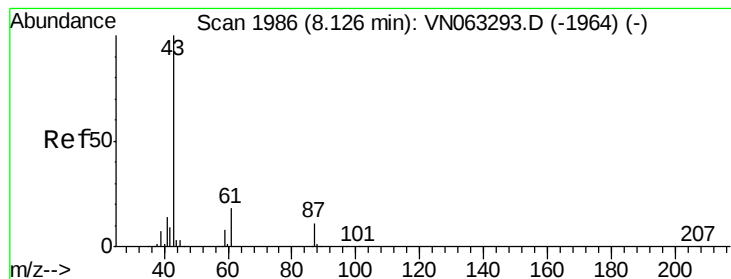
Tot Ion:	41	Resp:	68929
Ion	Ratio	Lower	Upper
41	100		
39	63.9	0.0	0.0#
67	81.0	0.0	0.0#
52	37.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.572 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion:	62	Resp:	173499
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.4





#43

Isopropyl Acetate

Concen: 19.019 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

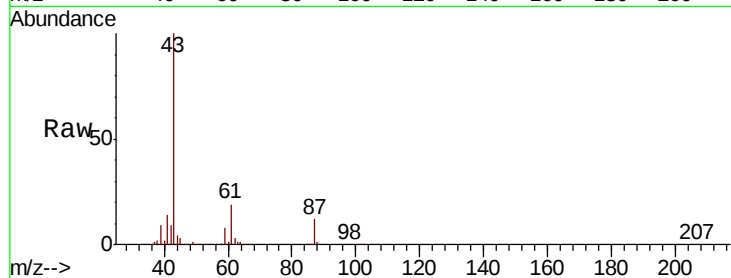
Tot Ion: 43 Resp: 259213

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

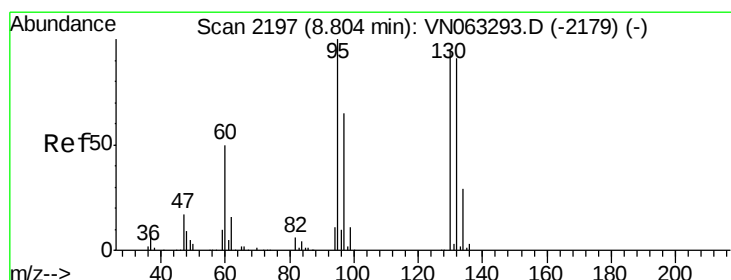
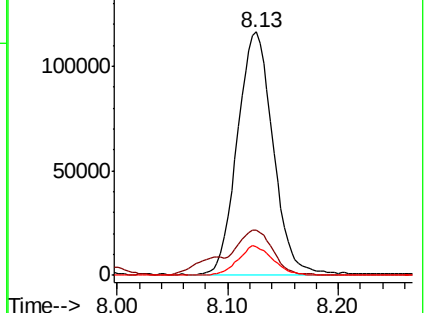
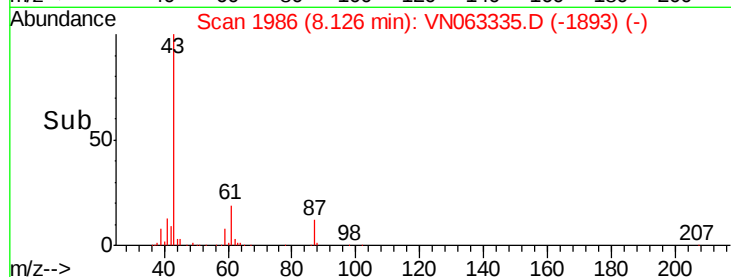
87 11.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063335.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063335.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063335.D (-1893) (-)



#44

Trichloroethene

Concen: 18.669 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063335.D

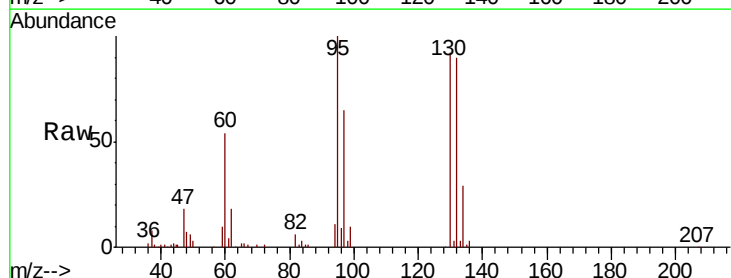
Acq: 14 Sep 2020 12:08

Tgt Ion: 130 Resp: 114068

Ion Ratio Lower Upper

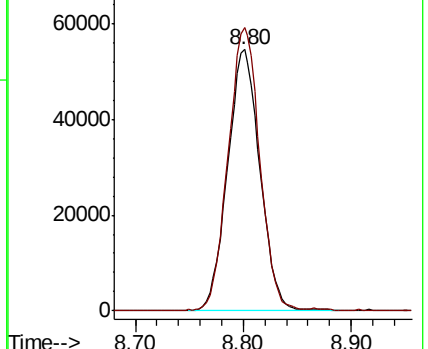
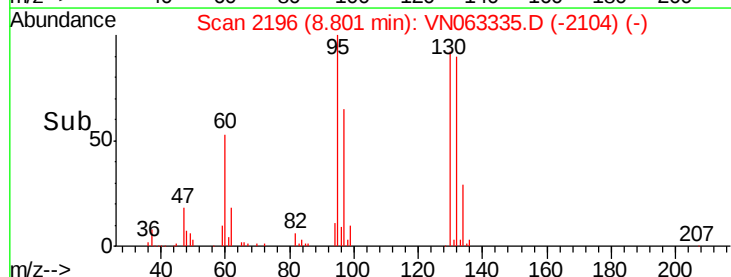
130 100

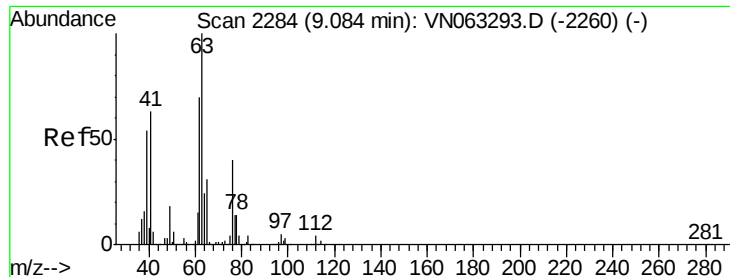
95 108.3 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063335.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN063335.D (-2104) (-)

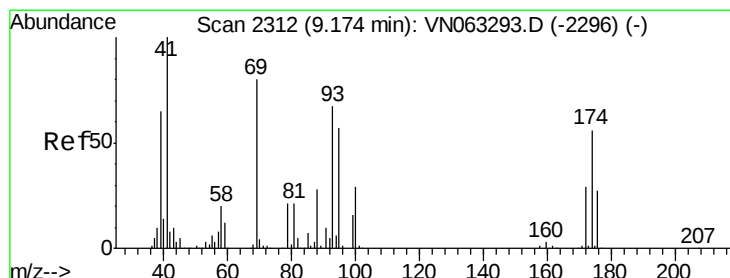
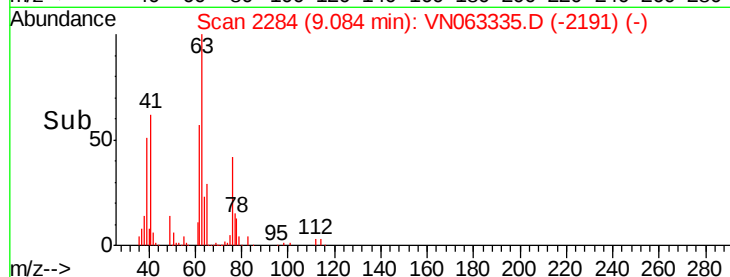
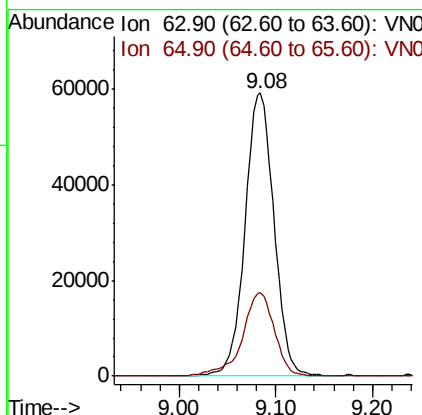
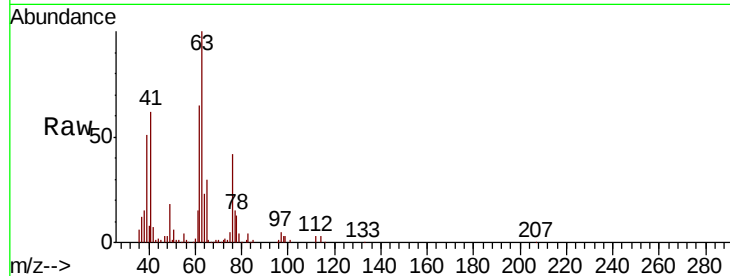




#45
 1,2-Dichloropropane
 Concen: 19.218 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

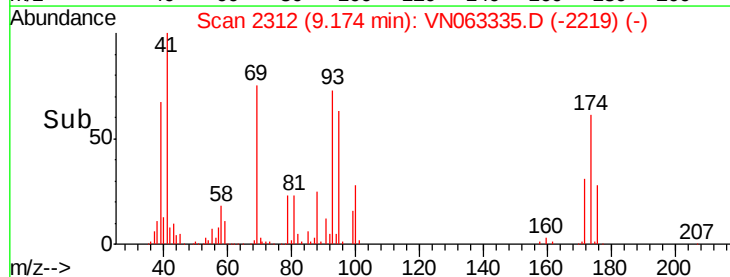
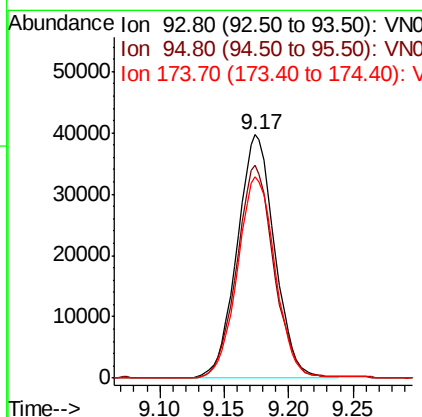
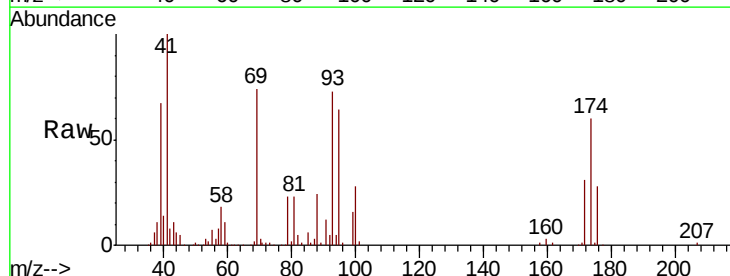
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

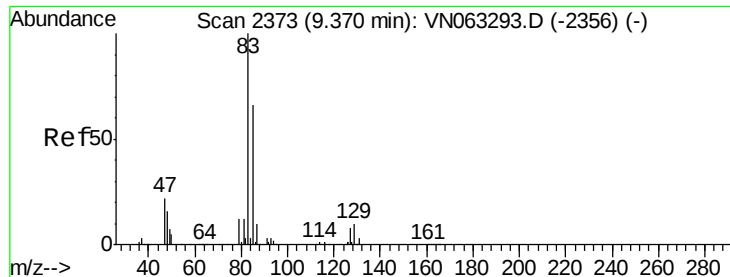
Tot Ion: 63 Resp: 123165
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.6 36.8



#46
 Dibromomethane
 Concen: 19.352 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion: 93 Resp: 80422
 Ion Ratio Lower Upper
 93 100
 95 86.2 67.9 101.9
 174 82.8 66.9 100.3





#47

Bromodichloromethane

Concen: 18.923 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

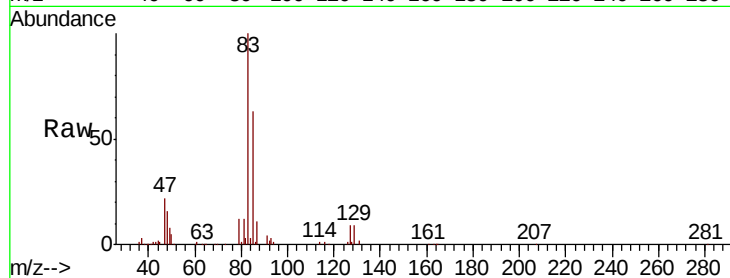
Tot Ion: 83 Resp: 163887

Ion Ratio Lower Upper

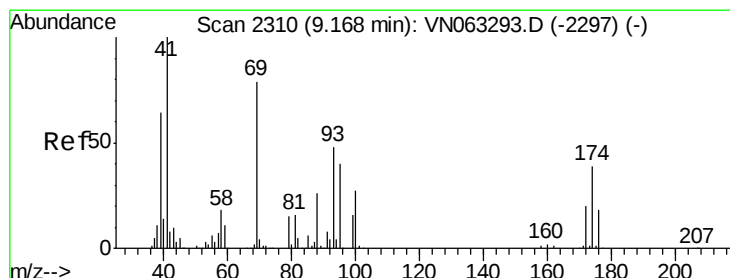
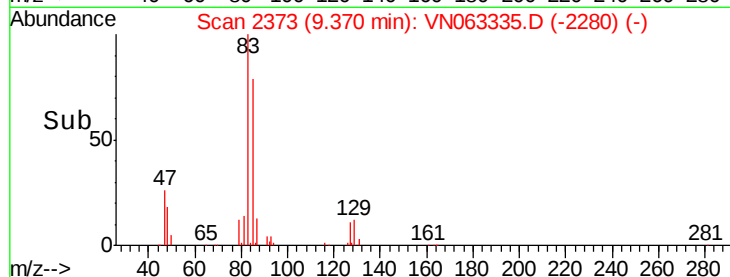
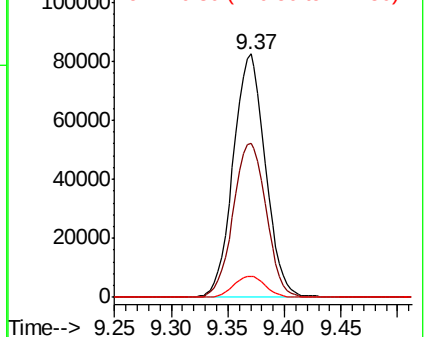
83 100

85 63.5 52.5 78.7

127 8.7 6.6 10.0



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: 19.350 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

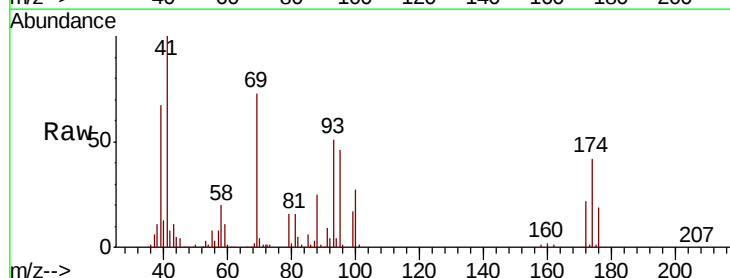
Tgt Ion: 41 Resp: 125833

Ion Ratio Lower Upper

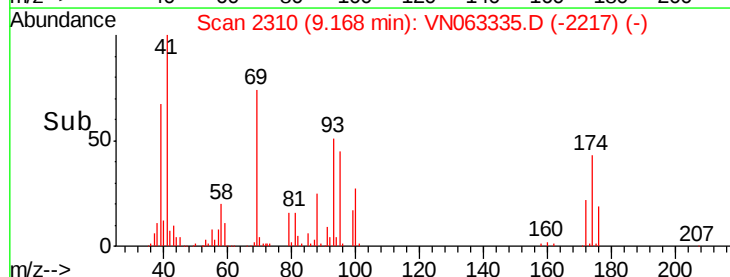
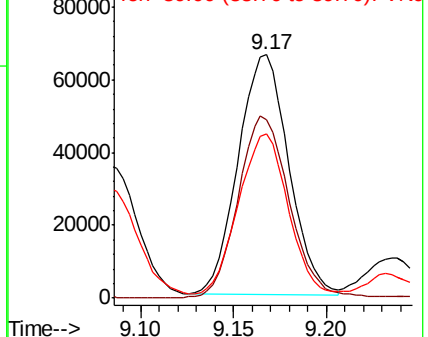
41 100

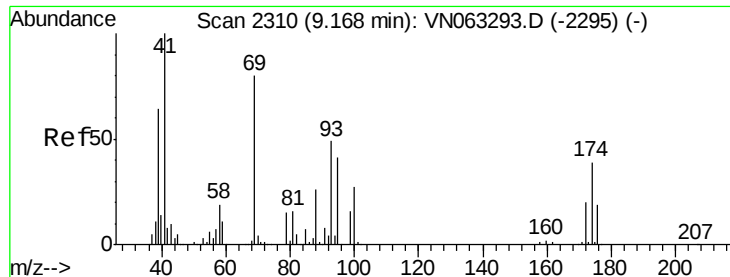
69 76.9 63.6 95.4

39 67.6 53.2 79.8



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

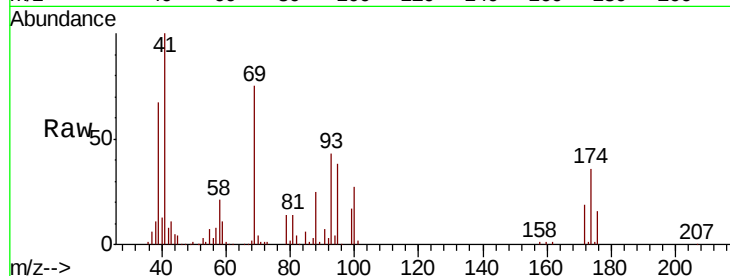




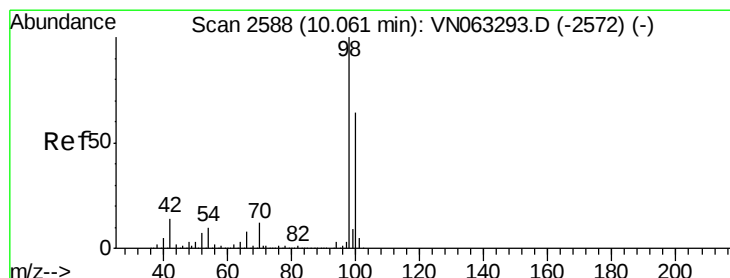
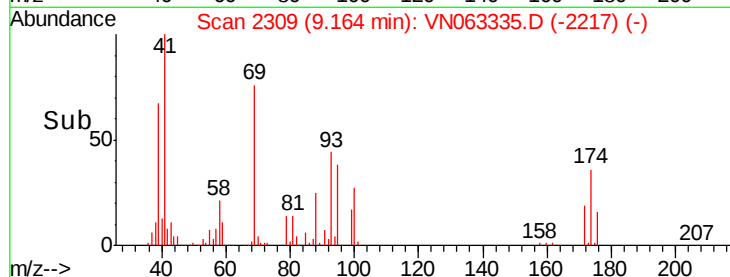
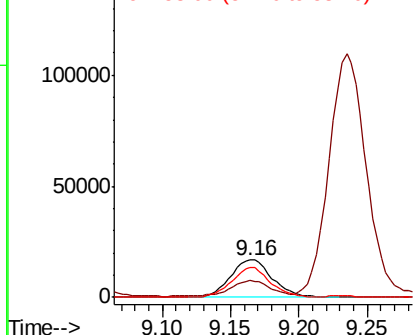
#49
1,4-Dioxane
Concen: 359.374 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

Tot Ion: 88 Resp: 36184
Ion Ratio Lower Upper
88 100
43 39.4 30.5 45.7
58 73.2 58.9 88.3

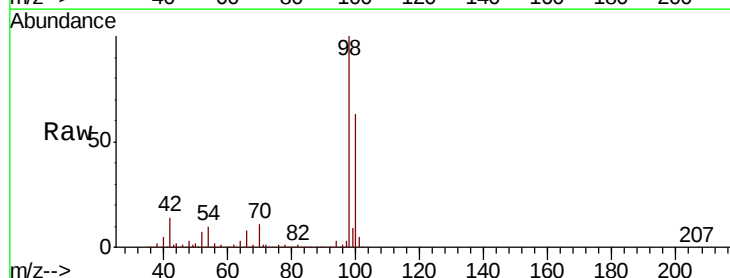


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

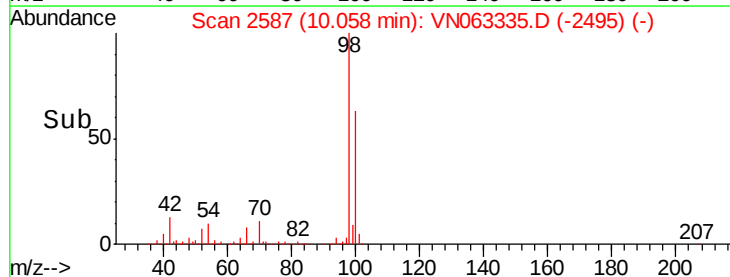
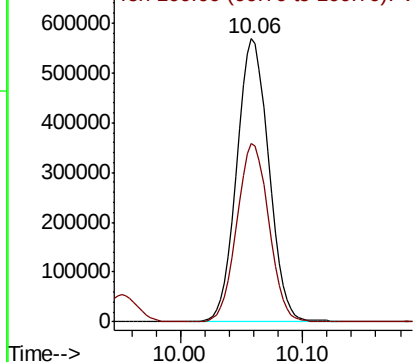


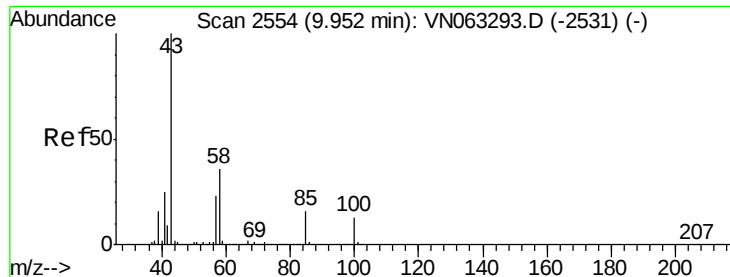
#50
Toluene-d8
Concen: 52.457 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 98 Resp: 1032097
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 102.506 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

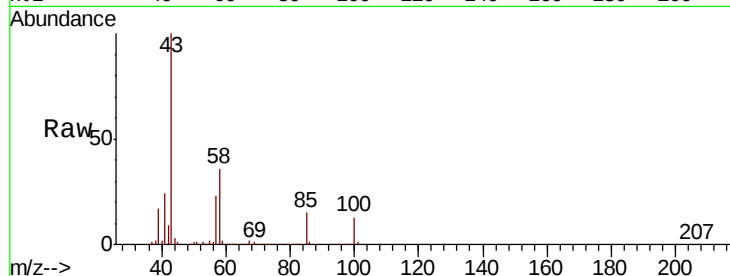
VN0914MBS01

Tot Ion: 43 Resp: 769909

Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN063293.D (-2531) (-)

9.95

400000

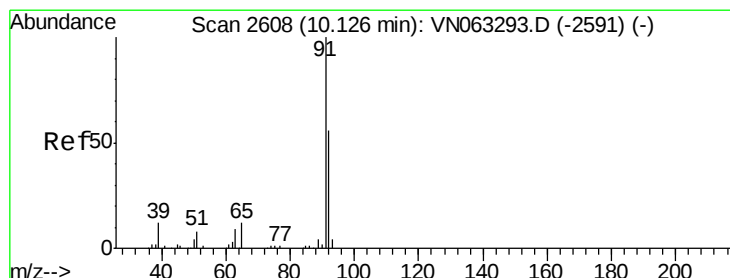
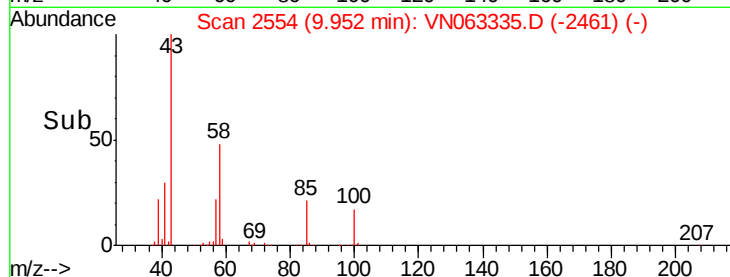
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.198 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063335.D

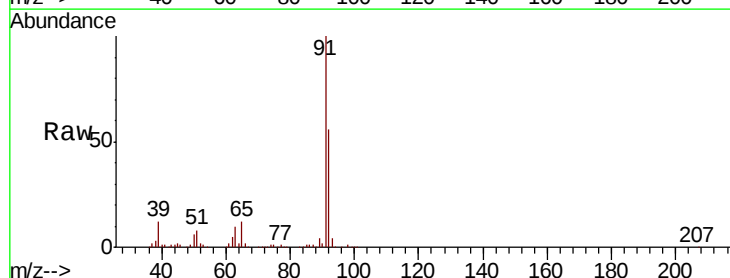
Acq: 14 Sep 2020 12:08

Tgt Ion: 92 Resp: 273866

Ion Ratio Lower Upper

92 100

91 175.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063293.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN063293.D (-2591) (-)

10.12

300000

250000

200000

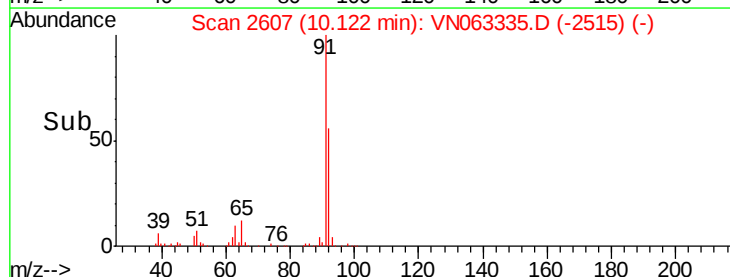
150000

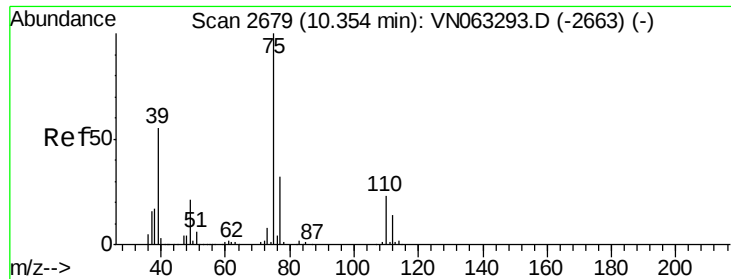
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.225 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

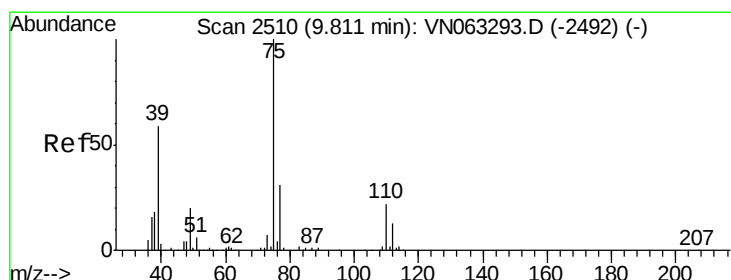
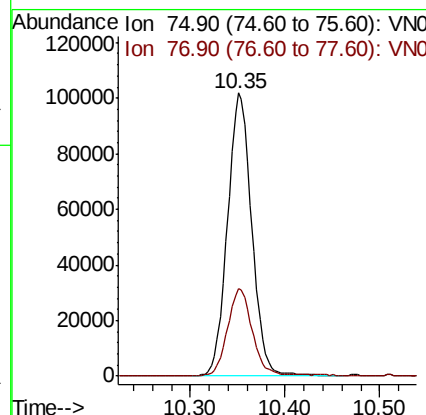
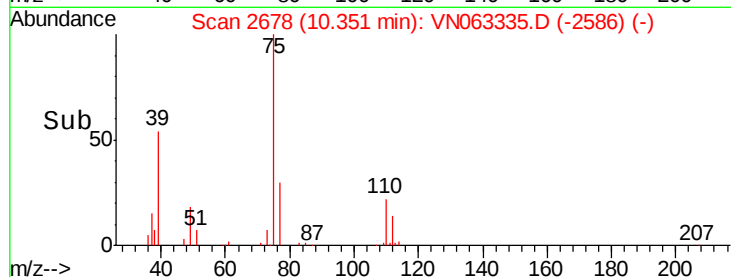
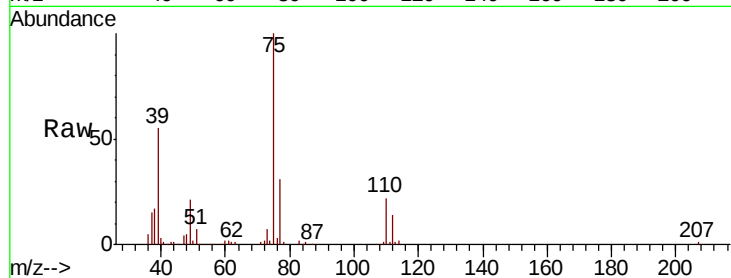
VN0914MBS01

Tot Ion: 75 Resp: 181566

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 18.944 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

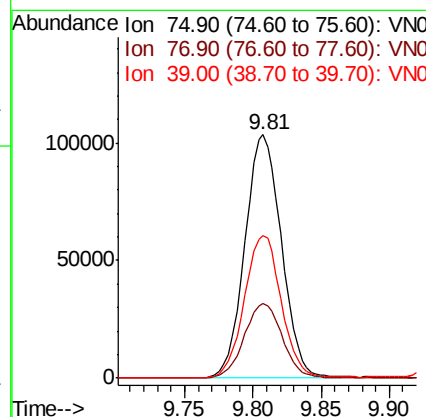
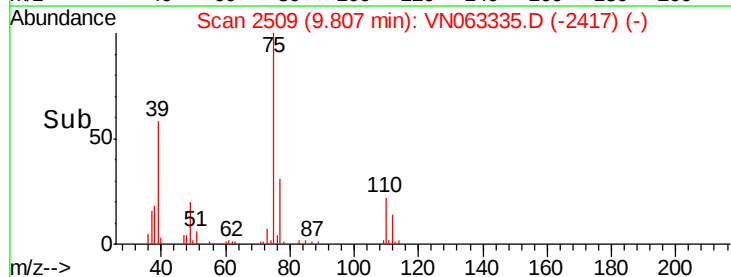
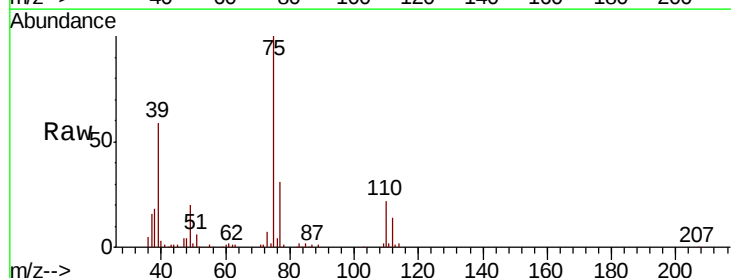
Tgt Ion: 75 Resp: 192630

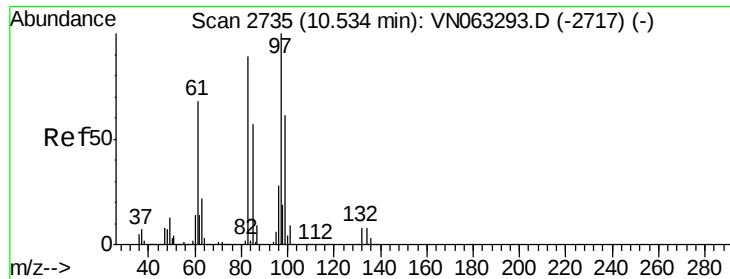
Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

39 58.3 47.2 70.8

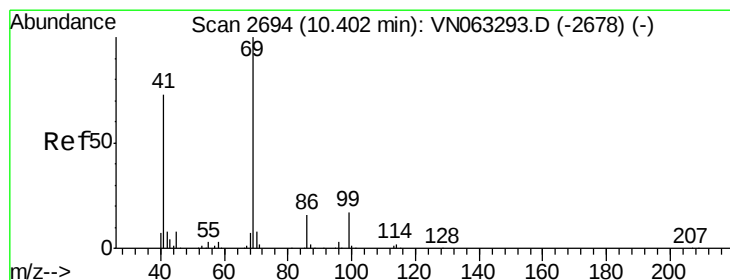
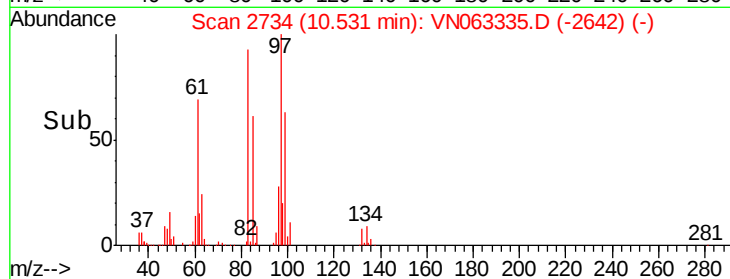
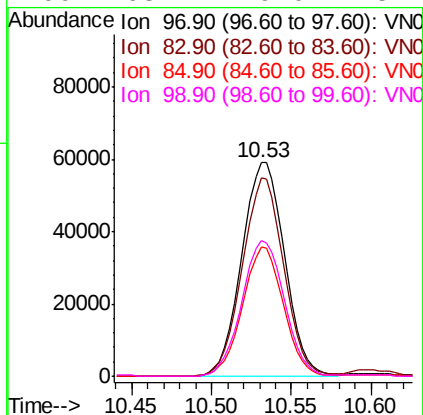
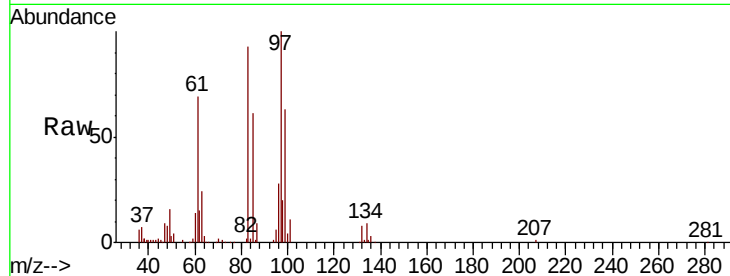




#55
 1,1,2-Trichloroethane
 Concen: 19.355 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

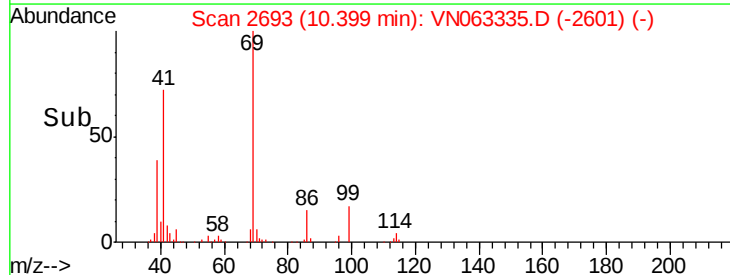
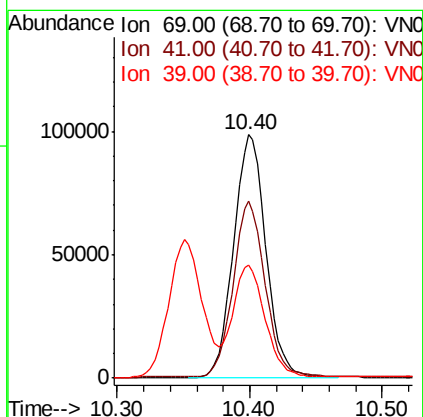
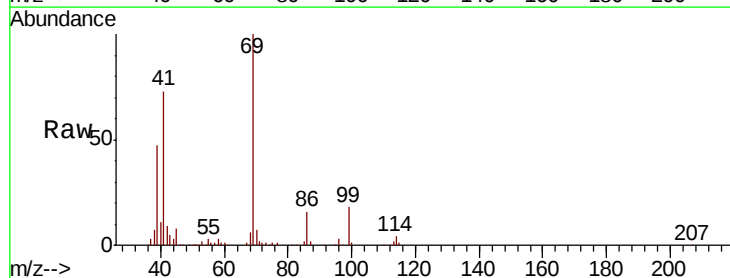
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

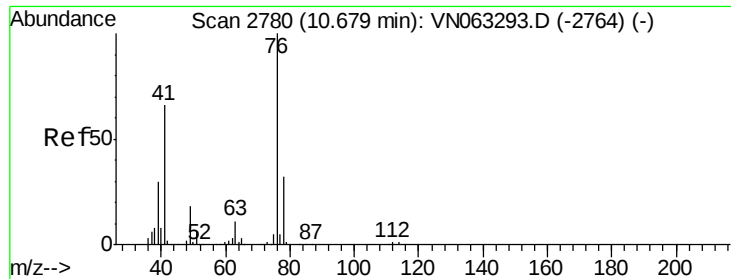
Tot Ion:	97	Resp:	108191
Ion	Ratio	Lower	Upper
97	100		
83	92.8	70.8	106.2
85	60.6	45.6	68.4
99	63.4	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.755 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion:	69	Resp:	167926
Ion	Ratio	Lower	Upper
69	100		
41	71.1	58.4	87.6
39	45.6	38.6	58.0





#57

1,3-Dichloropropane

Concen: 19.484 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

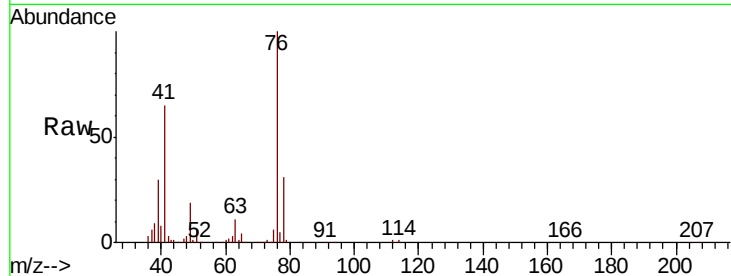
VN0914MBS01

Tot Ion: 76 Resp: 190314

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

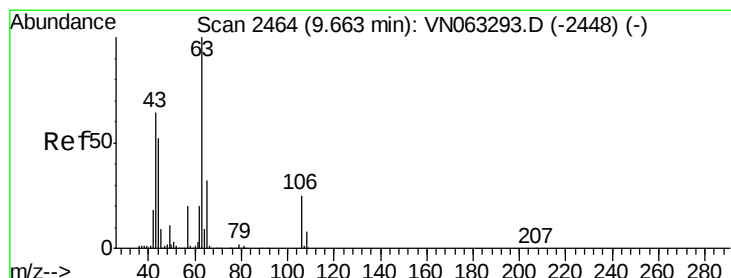
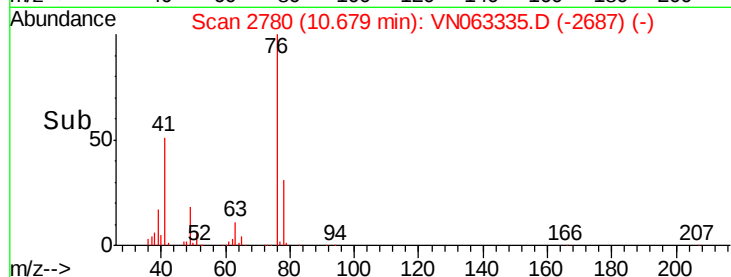
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 86.705 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063335.D

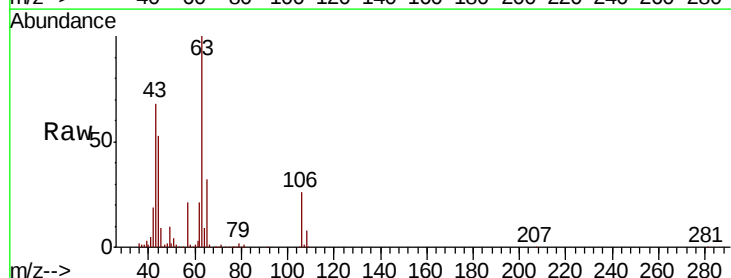
Acq: 14 Sep 2020 12:08

Tgt Ion: 63 Resp: 395335

Ion Ratio Lower Upper

63 100

106 25.8 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

250000

200000

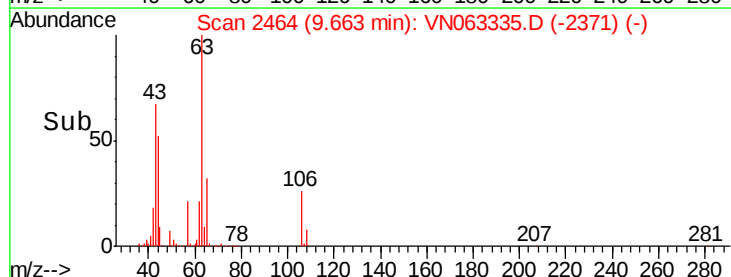
150000

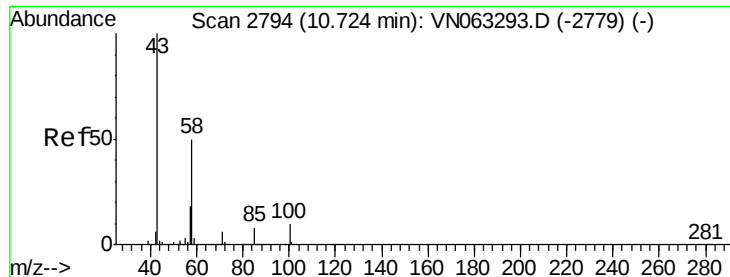
100000

50000

0

Time-->

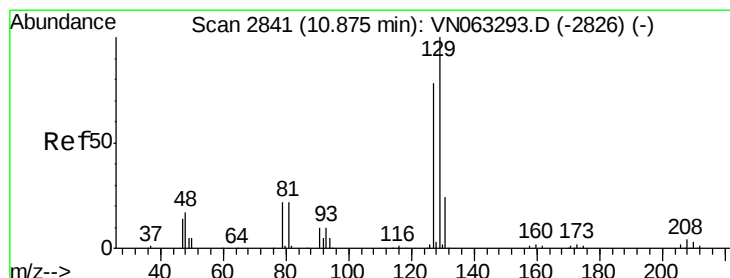
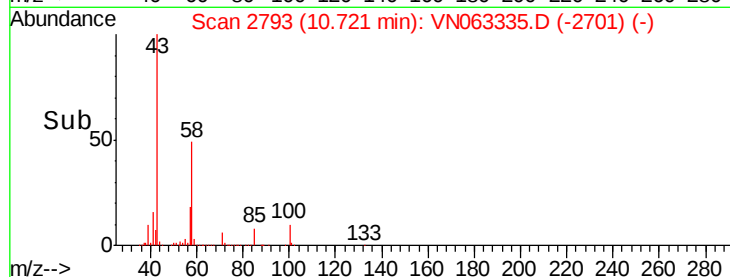
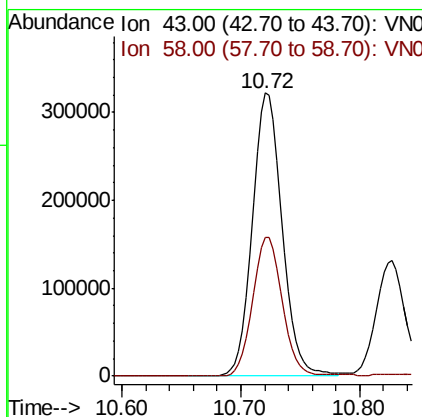
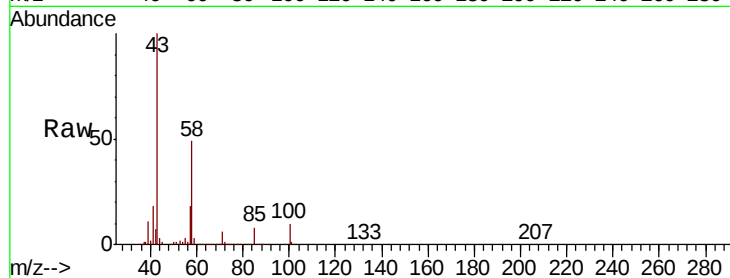




#59
2-Hexanone
Concen: 100.278 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

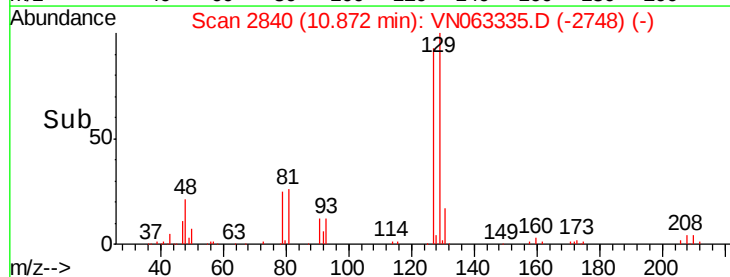
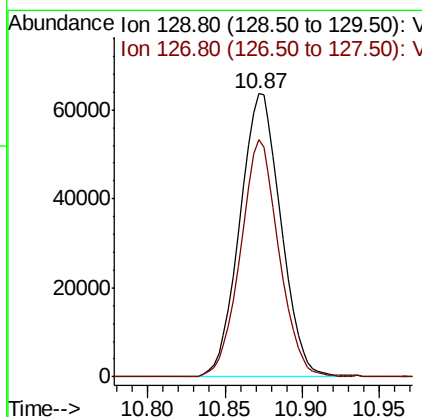
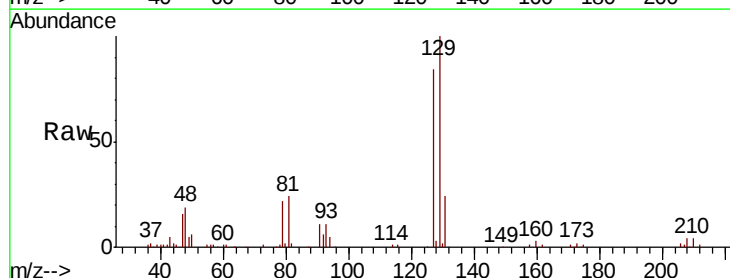
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

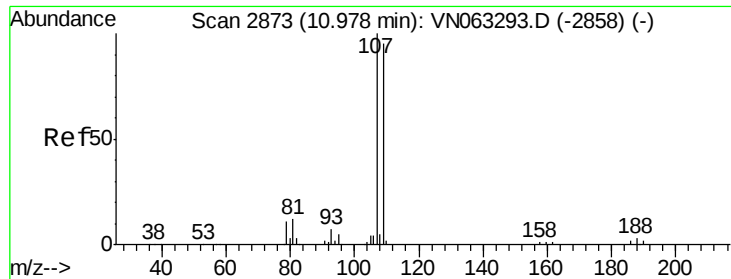
Tot Ion: 43 Resp: 555472
Ion Ratio Lower Upper
43 100
58 49.5 25.1 75.3



#60
Dibromochloromethane
Concen: 19.150 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion: 129 Resp: 117545
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

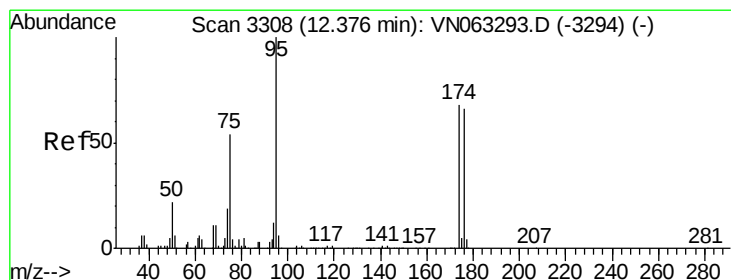
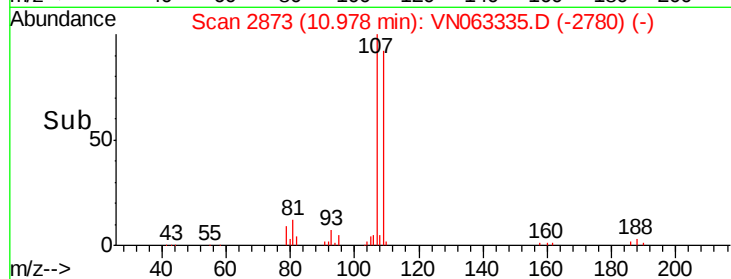
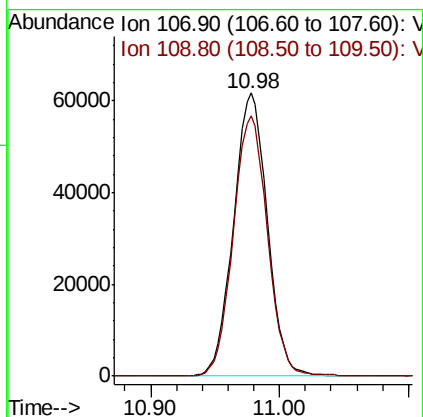
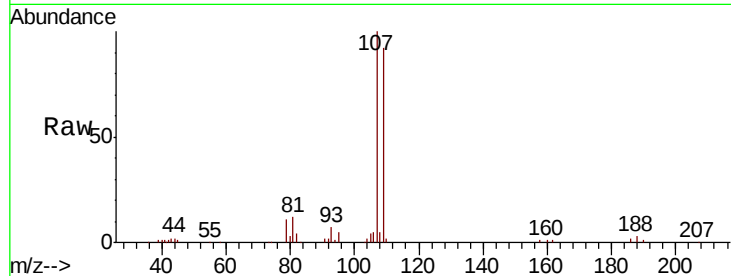




#61
 1,2-Dibromoethane
 Concen: 19.303 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

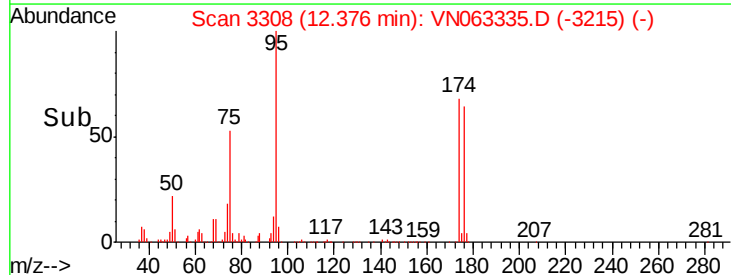
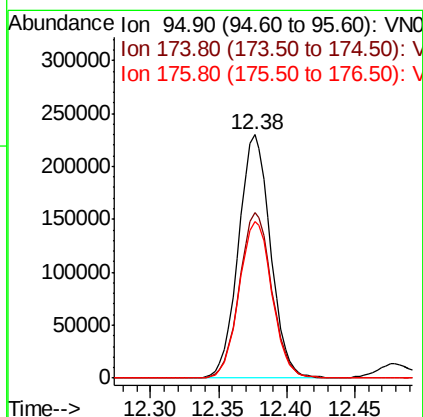
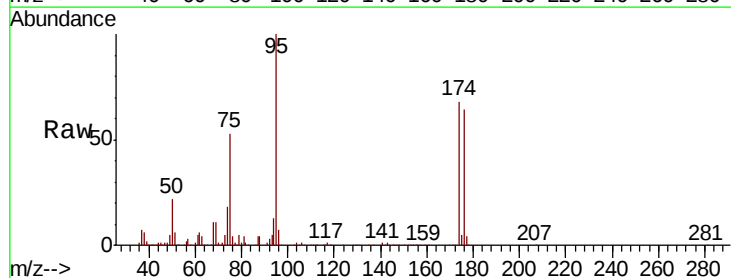
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

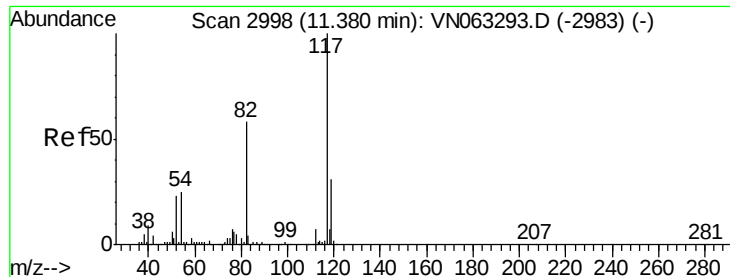
Tot Ion:107 Resp: 112484
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.670 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion: 95 Resp: 375486
 Ion Ratio Lower Upper
 95 100
 174 69.1 0.0 136.6
 176 66.2 0.0 132.8

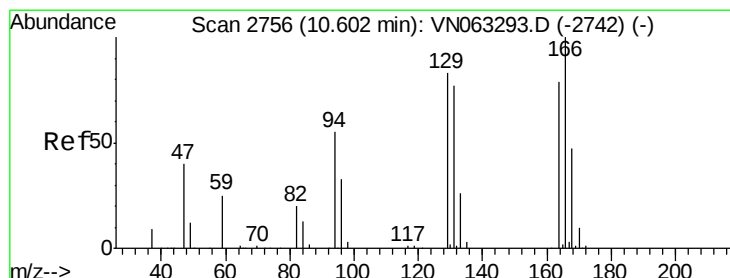
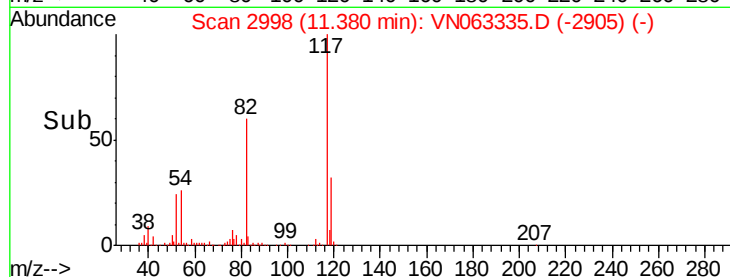
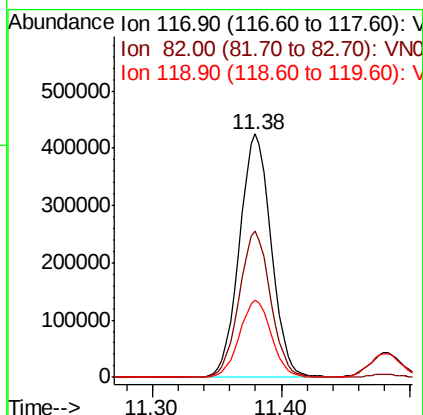
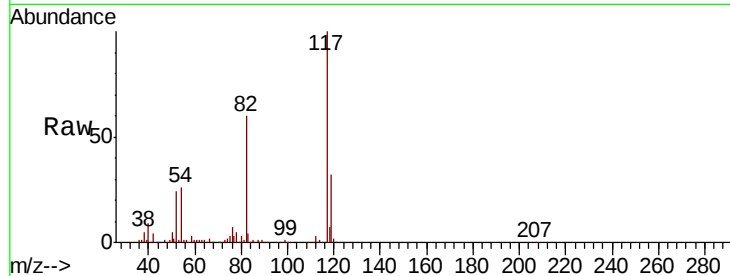




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

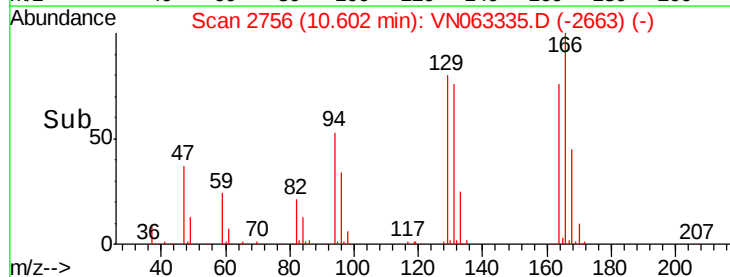
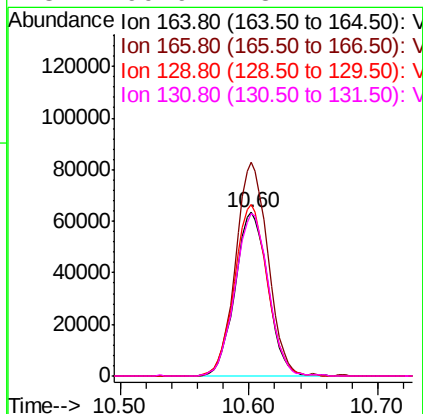
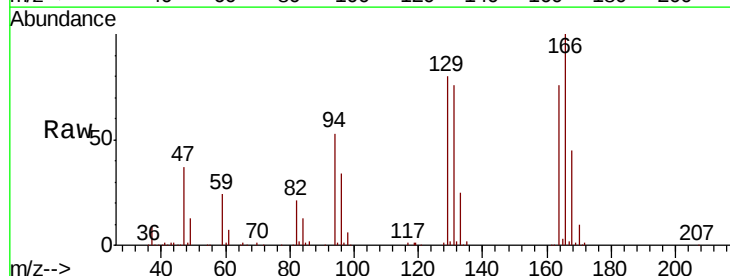
Instrument :
MSVOA_N
ClientSampled :
VN0914MBS01

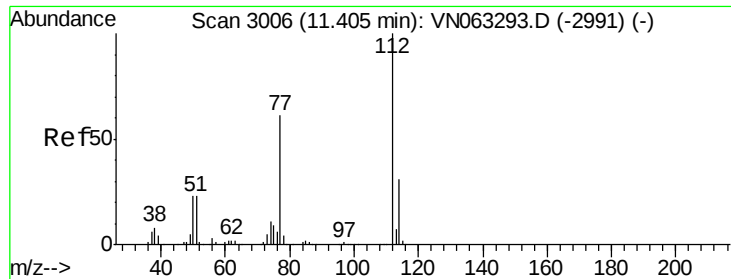
Tot Ion:117 Resp: 728480
Ion Ratio Lower Upper
117 100
82 59.9 46.4 69.6
119 31.5 24.8 37.2



#64
Tetrachloroethene
Concen: 18.832 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion:164 Resp: 112386
Ion Ratio Lower Upper
164 100
166 130.8 101.3 151.9
129 105.3 83.7 125.5
131 99.9 78.2 117.4

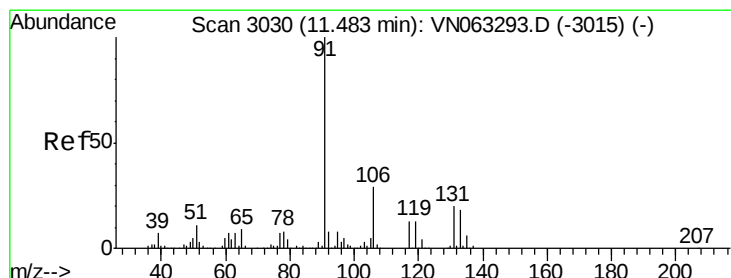
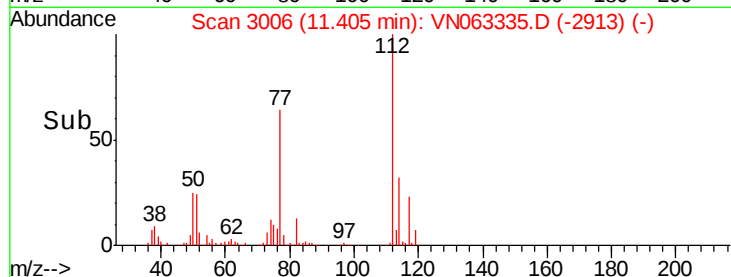
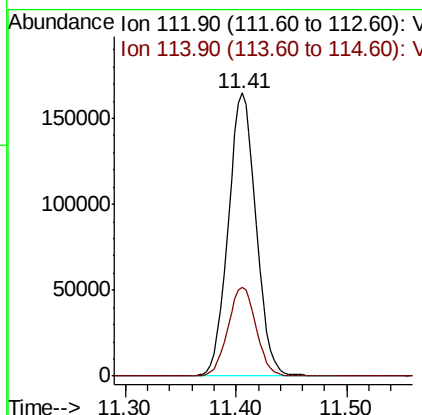
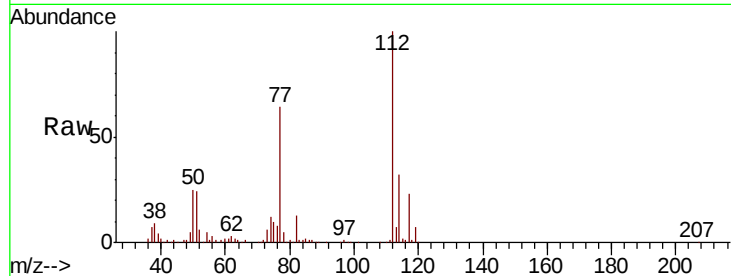




#65
Chlorobenzene
Concen: 18.314 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

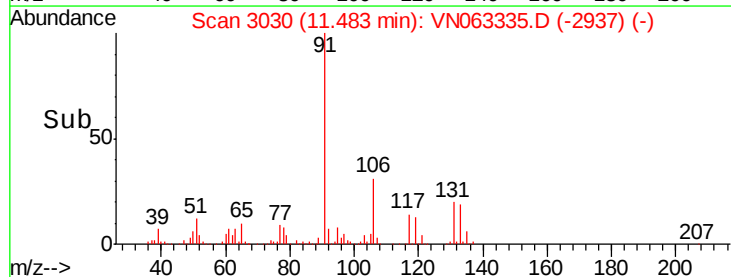
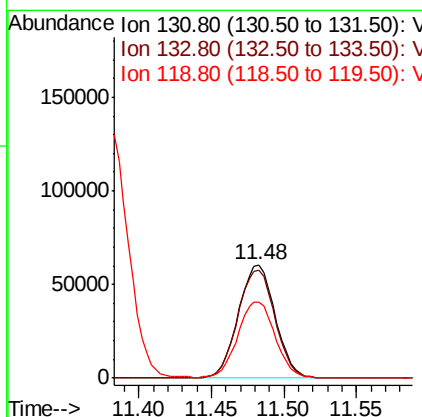
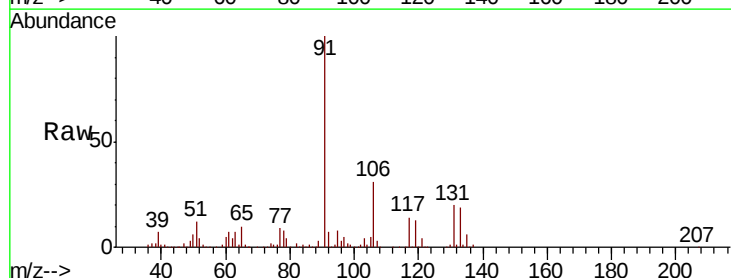
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBS01

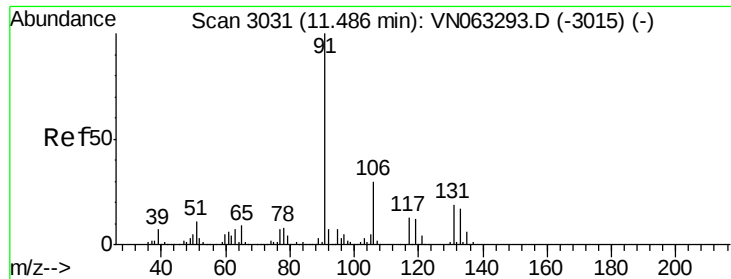
Tot Ion:112 Resp: 287224
Ion Ratio Lower Upper
112 100
114 31.5 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.734 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion:131 Resp: 107044
Ion Ratio Lower Upper
131 100
133 96.7 47.4 142.2
119 68.5 33.8 101.3





#67

Ethyl Benzene

Concen: 18.524 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

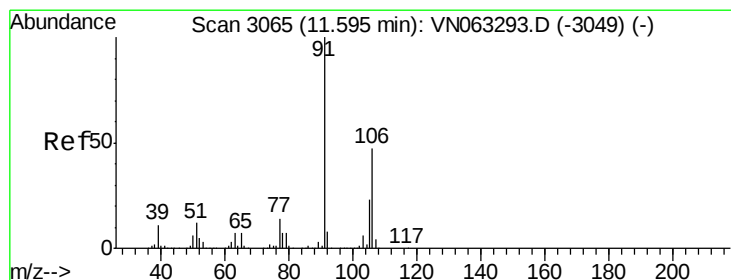
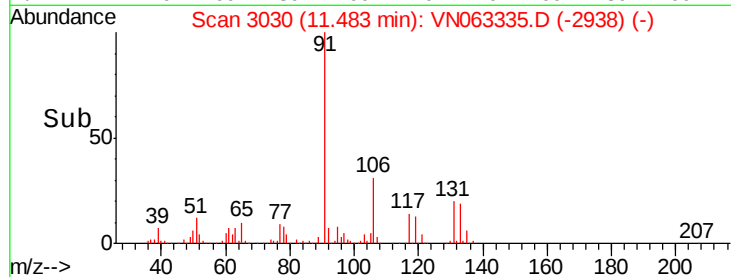
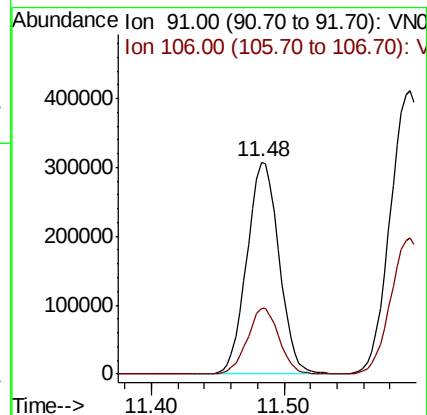
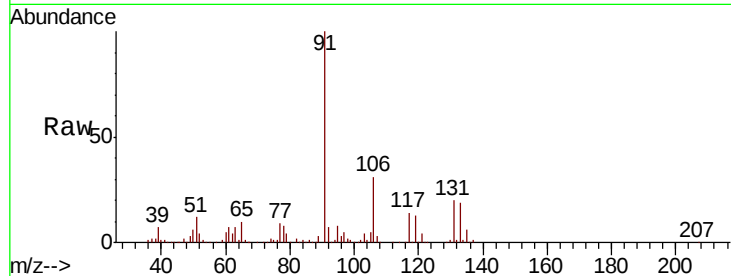
VN0914MBS01

Tot Ion: 91 Resp: 521551

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.6



#68

m/p-Xylenes

Concen: 36.859 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063335.D

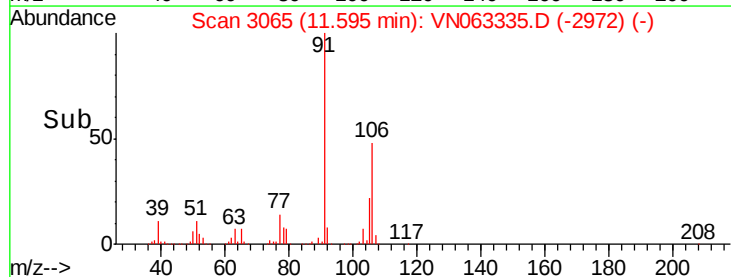
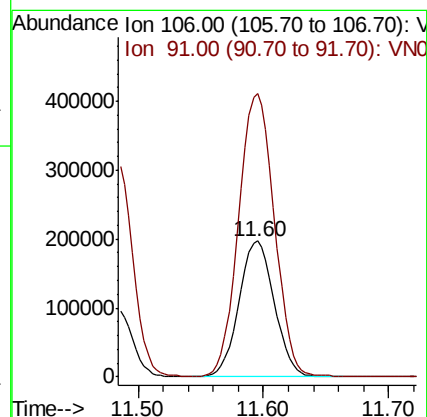
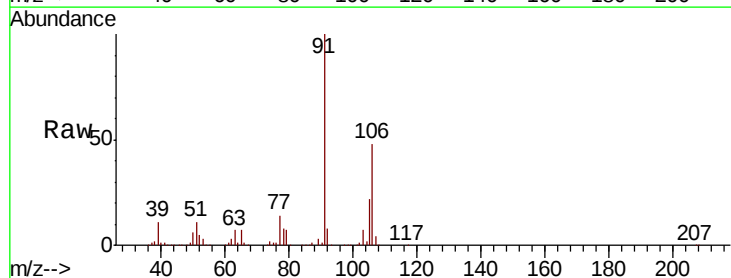
Acq: 14 Sep 2020 12:08

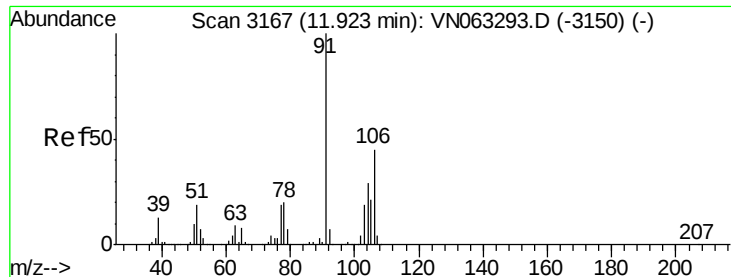
Tgt Ion: 106 Resp: 383869

Ion Ratio Lower Upper

106 100

91 211.7 169.8 254.8

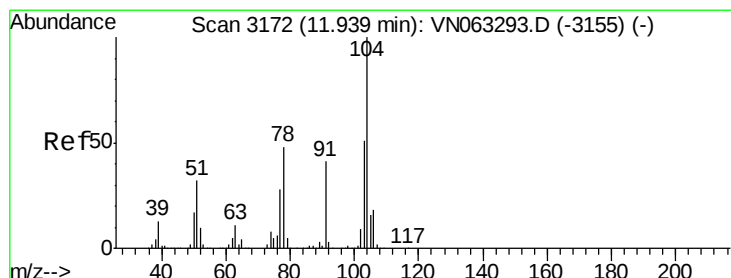
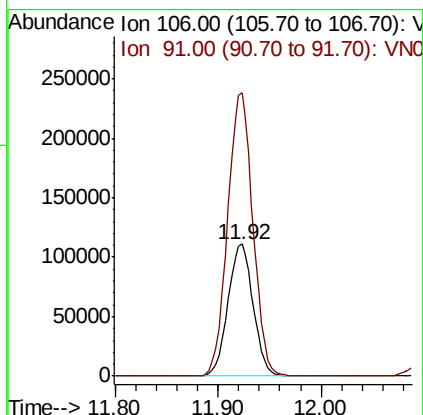
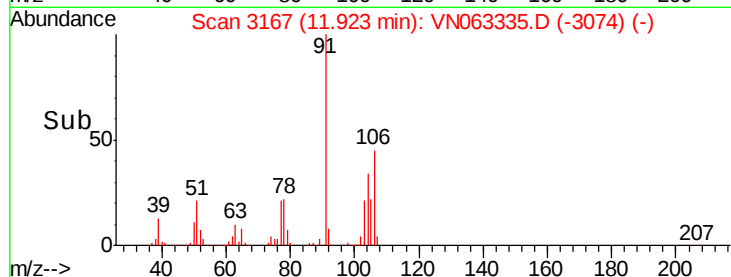
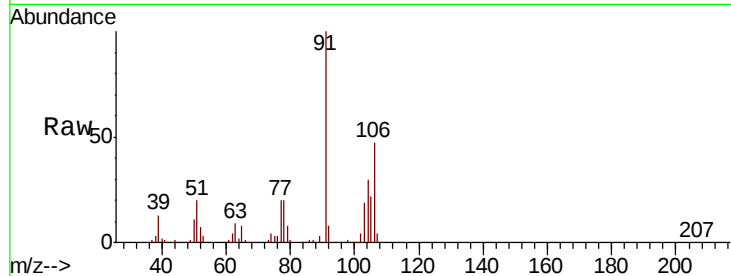




#69
o-Xylene
Concen: 18.967 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

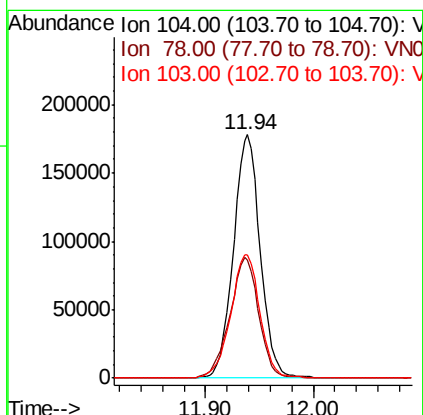
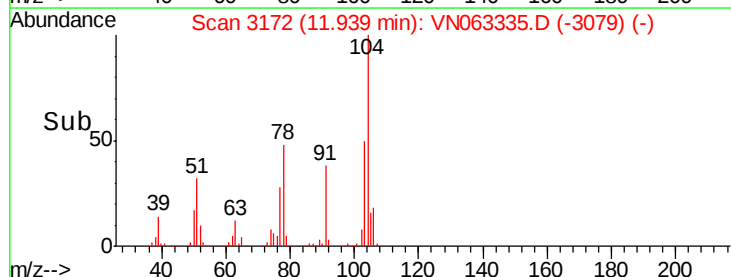
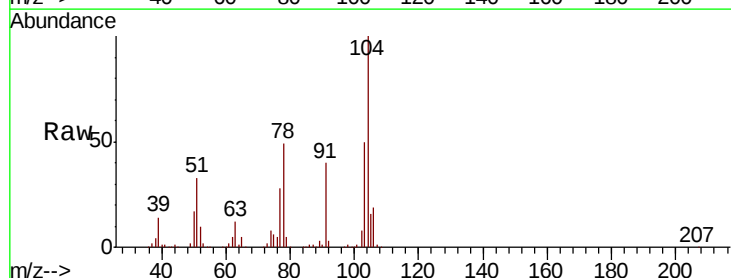
Instrument :
MSVOA_N
ClientSampled :
VN0914MBS01

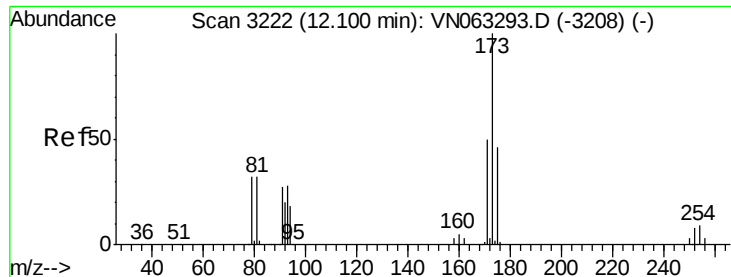
Tot Ion:106 Resp: 189569
Ion Ratio Lower Upper
106 100
91 214.5 111.5 334.4



#70
Styrene
Concen: 18.584 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063335.D
Acq: 14 Sep 2020 12:08

Tgt Ion:104 Resp: 308695
Ion Ratio Lower Upper
104 100
78 53.7 42.9 64.3
103 55.4 44.2 66.2





#71

Bromoform

Concen: 18.796 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

VN0914MBS01

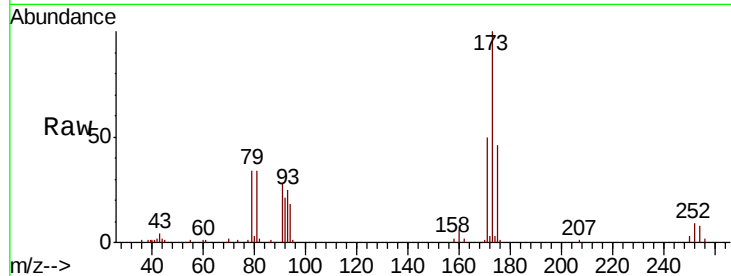
Tot Ion:173 Resp: 74285

Ion Ratio Lower Upper

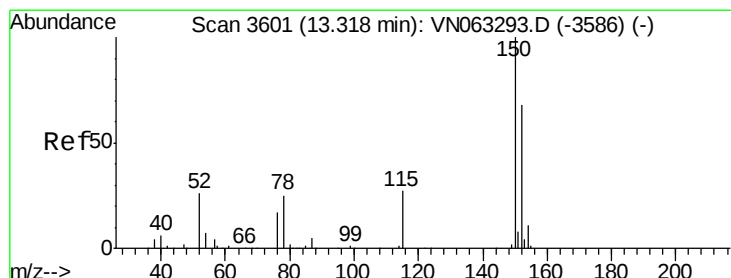
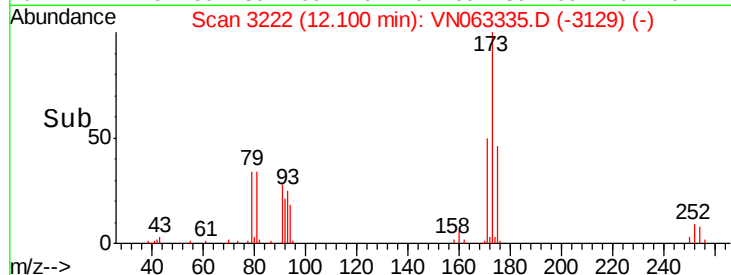
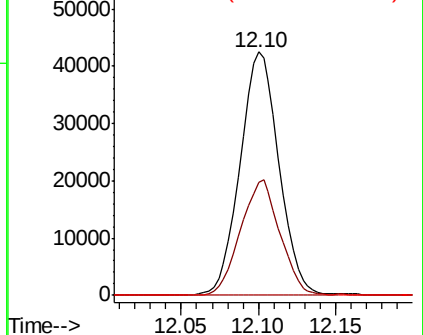
173 100

175 47.9 23.8 71.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

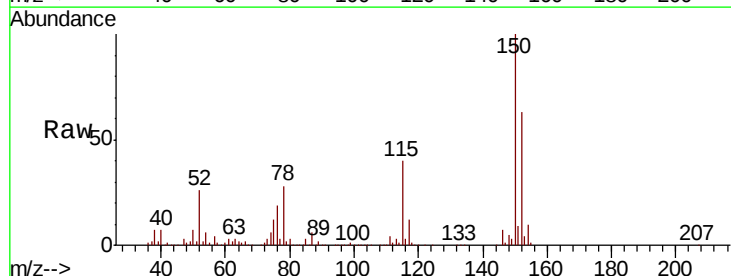
Tgt Ion:152 Resp: 329843

Ion Ratio Lower Upper

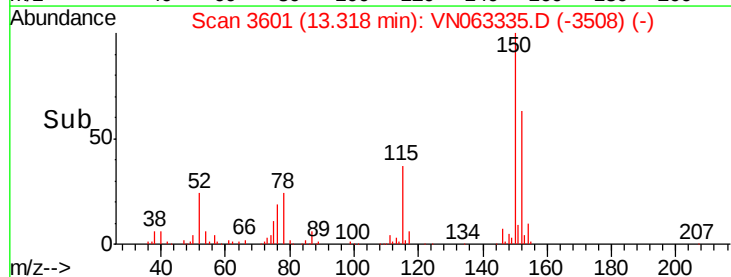
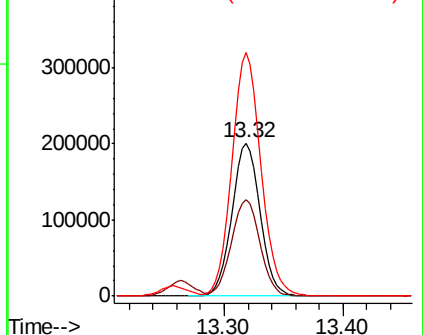
152 100

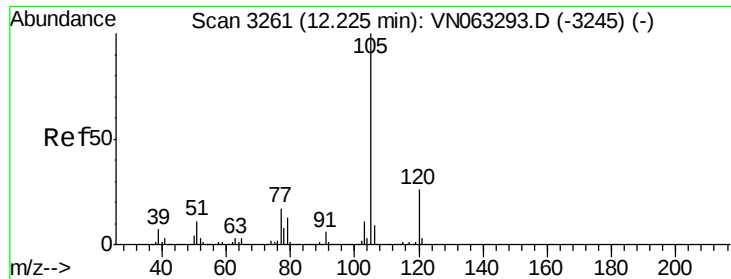
115 63.8 31.5 94.5

150 164.1 0.0 344.0



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





#73

Isopropylbenzene

Concen: 18.697 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

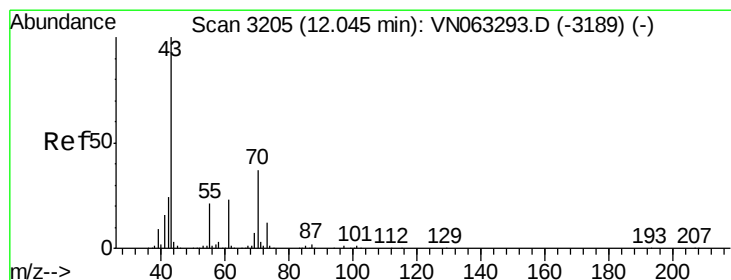
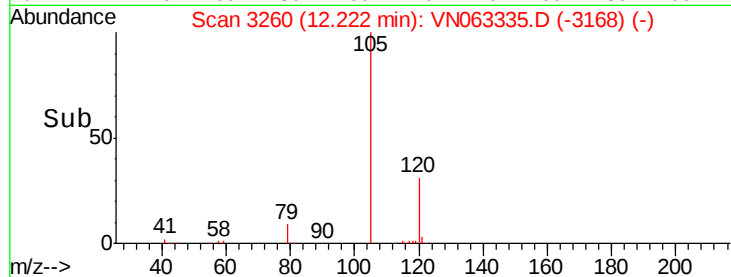
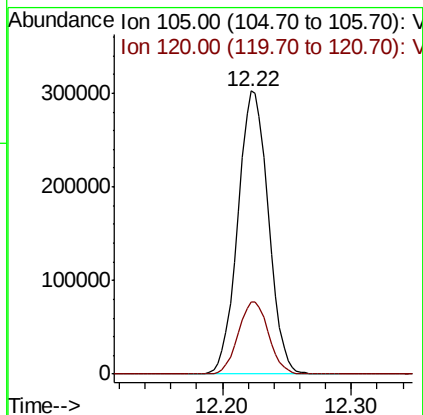
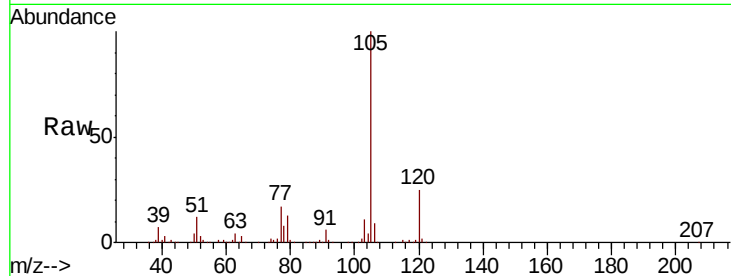
VN0914MBS01

Tot Ion:105 Resp: 497438

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#74

N-ethyl acetate

Concen: 19.450 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Tgt Ion: 43 Resp: 212449

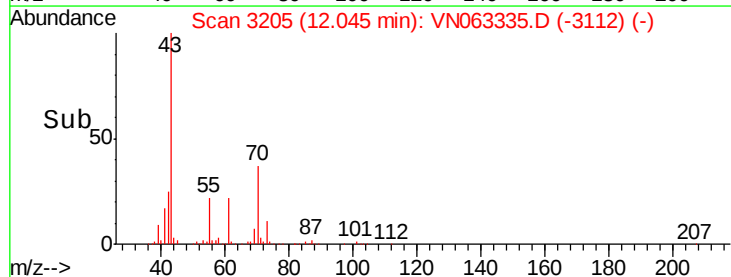
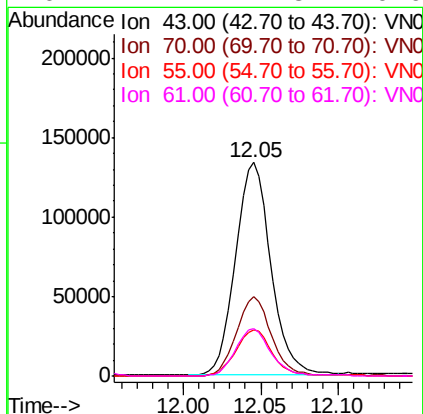
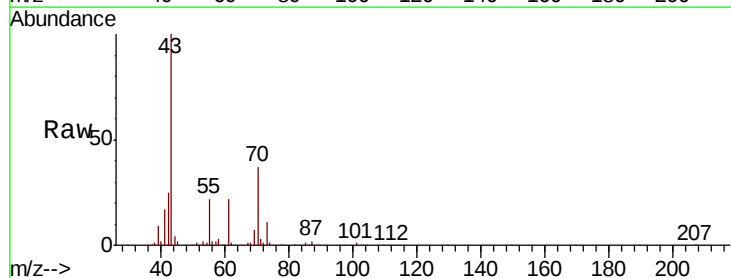
Ion Ratio Lower Upper

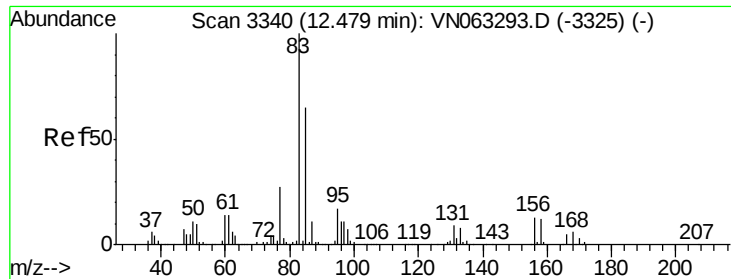
43 100

70 36.8 29.3 43.9

55 22.6 17.0 25.6

61 22.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.645 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

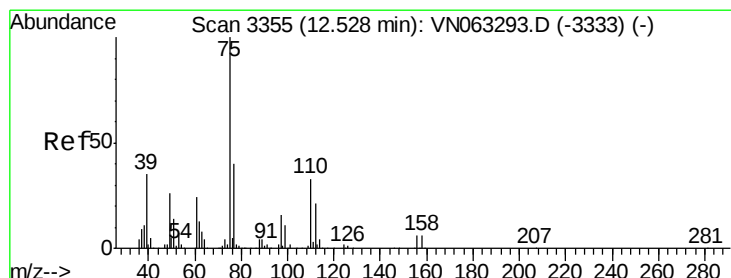
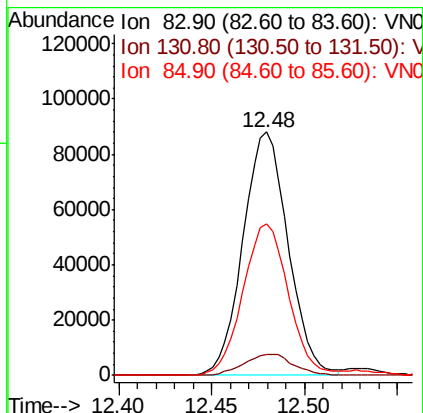
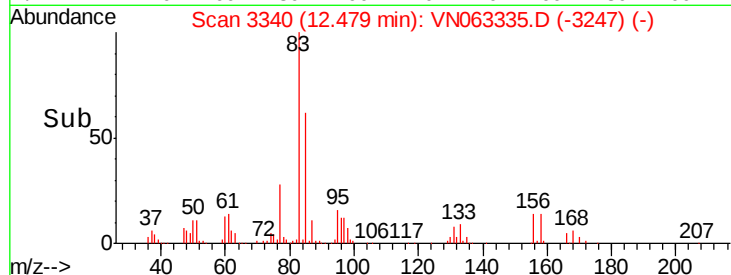
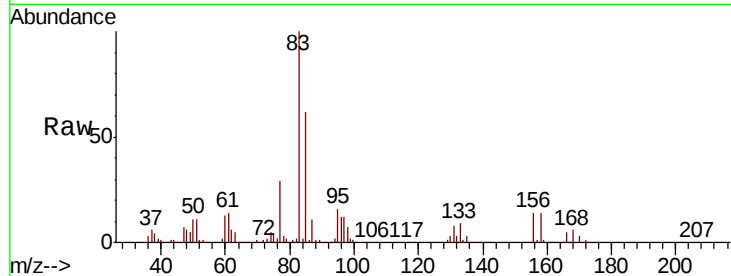
Tot Ion: 83 Resp: 149689

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 62.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 28.169 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063335.D

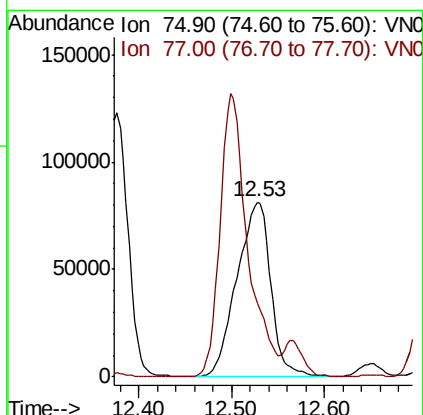
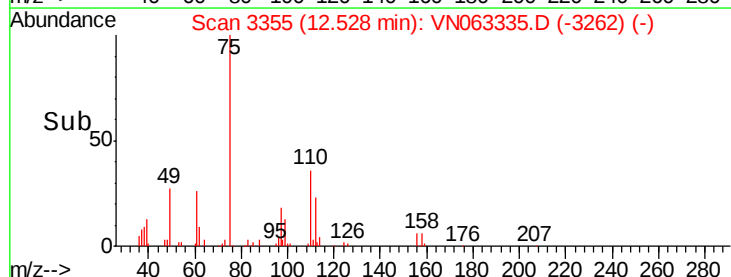
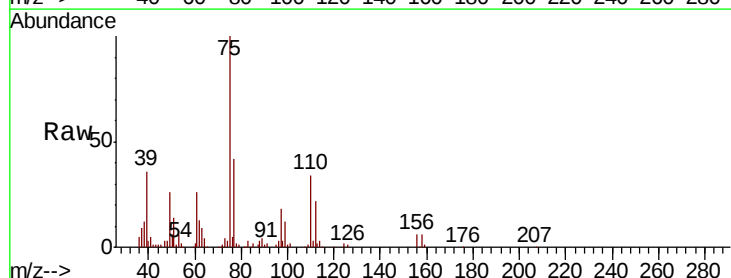
Acq: 14 Sep 2020 12:08

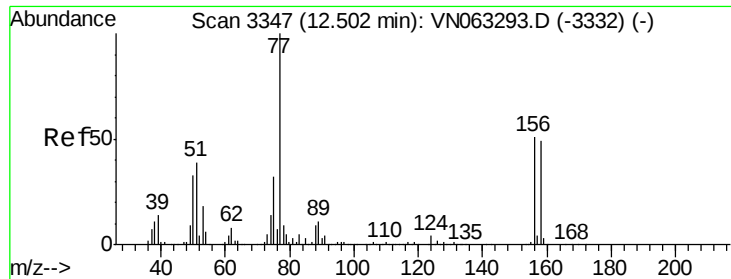
Tgt Ion: 75 Resp: 204984

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.992 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

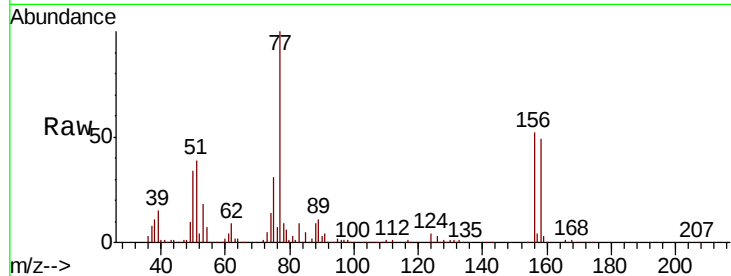
Tot Ion:156 Resp: 116147

Ion Ratio Lower Upper

156 100

77 233.3 117.4 352.2

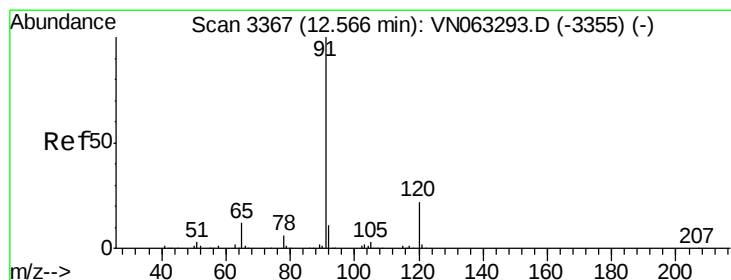
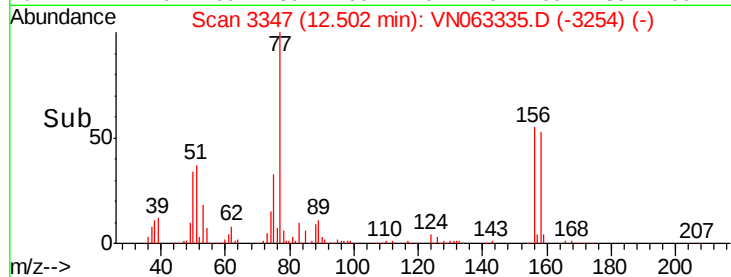
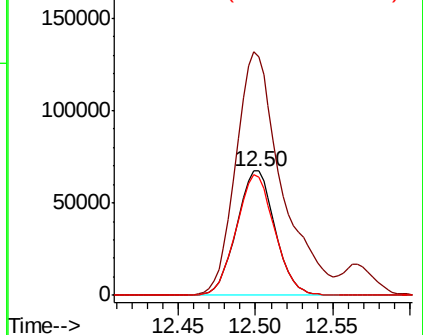
158 97.2 48.8 146.4



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: 19.269 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063335.D

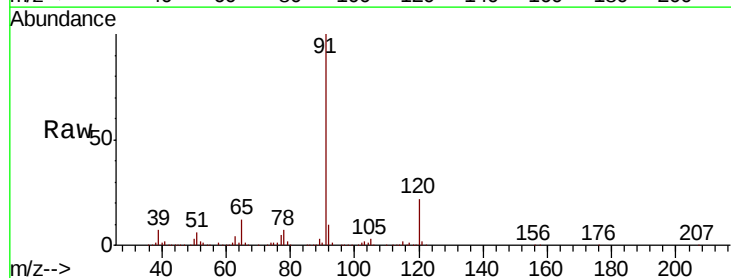
Acq: 14 Sep 2020 12:08

Tgt Ion: 91 Resp: 582391

Ion Ratio Lower Upper

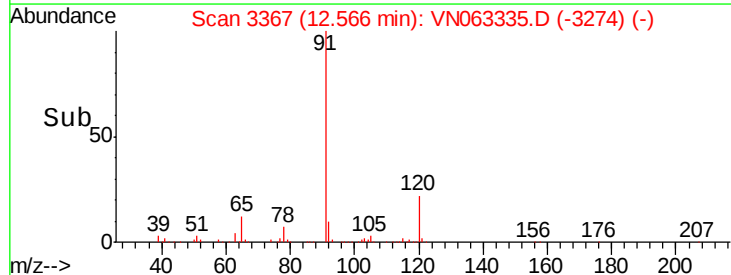
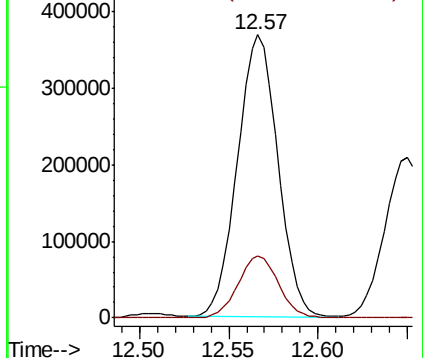
91 100

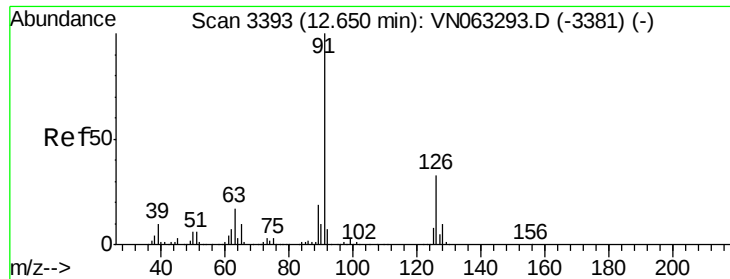
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

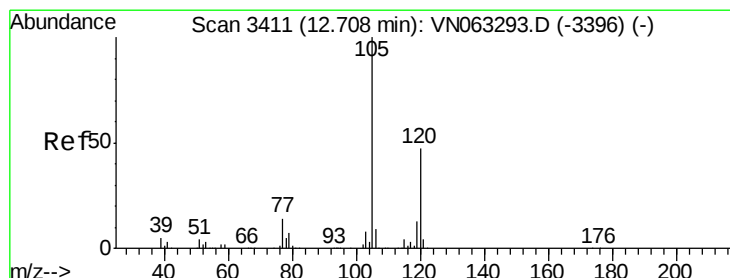
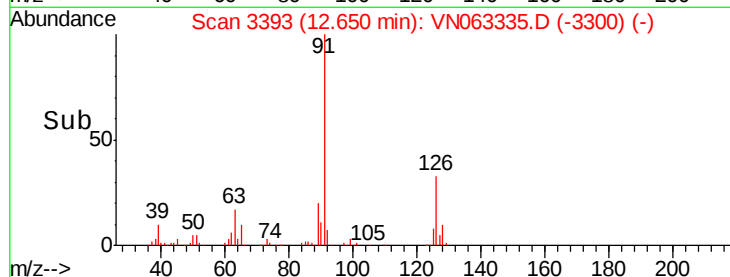
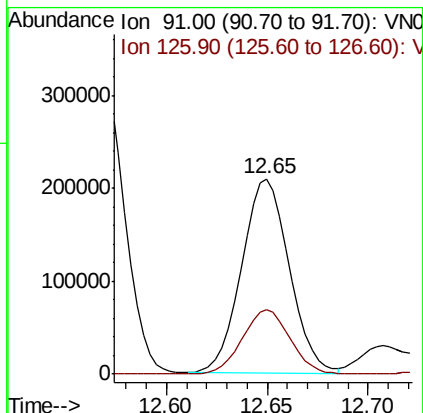
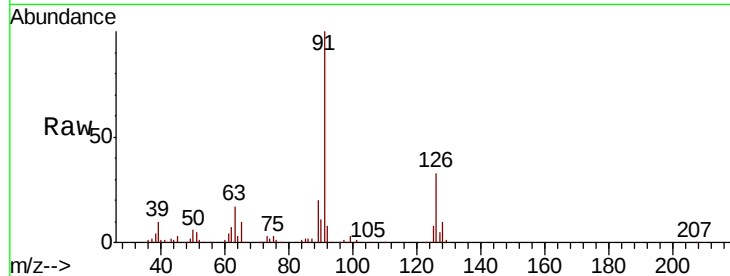




#79
 2-Chlorotoluene
 Concen: 18.623 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

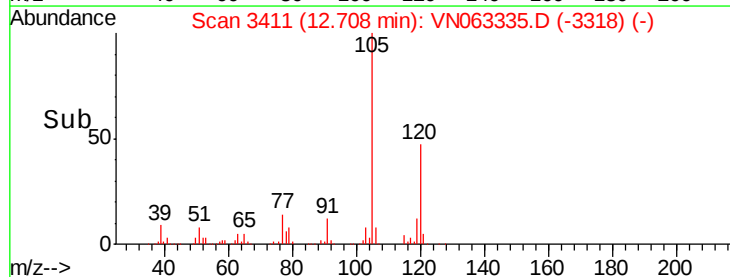
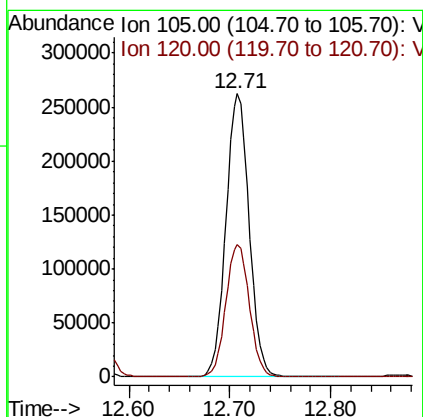
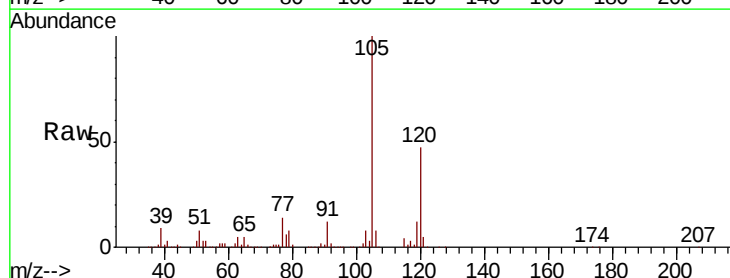
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

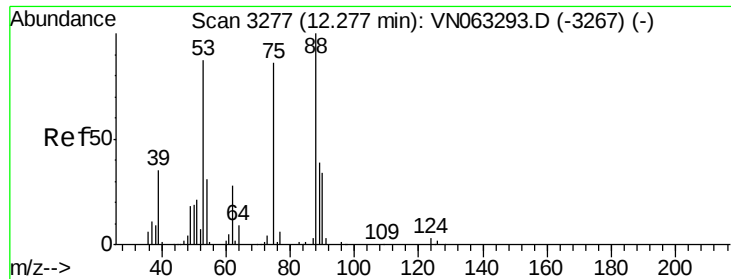
Tot Ion: 91 Resp: 346083
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.109 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion: 105 Resp: 422137
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.102 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

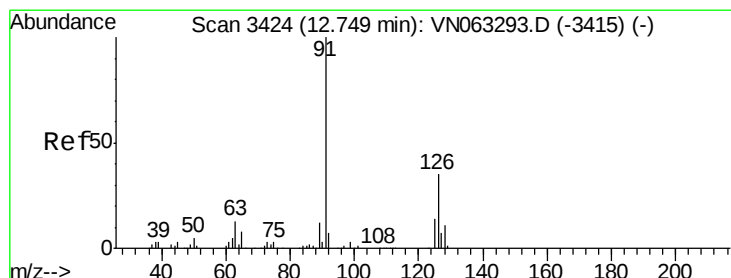
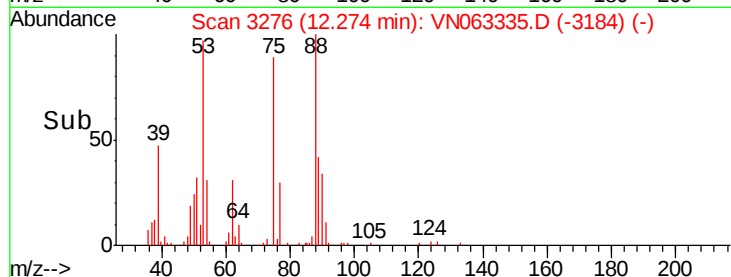
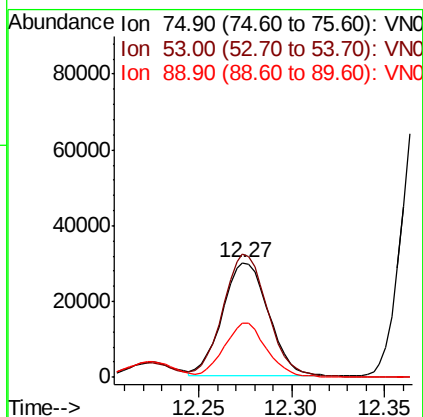
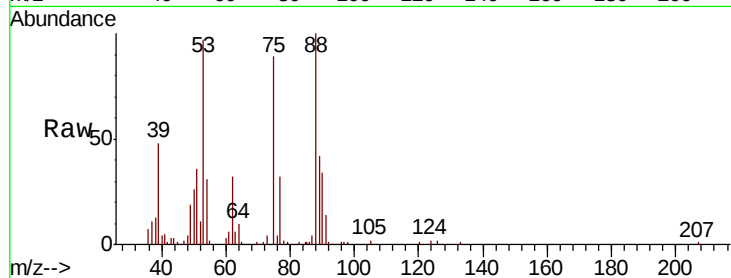
Tot Ion: 75 Resp: 51734

Ion Ratio Lower Upper

75 100

53 105.0 81.8 122.8

89 44.5 36.7 55.1



#82

4-Chlorotoluene

Concen: 18.437 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063335.D

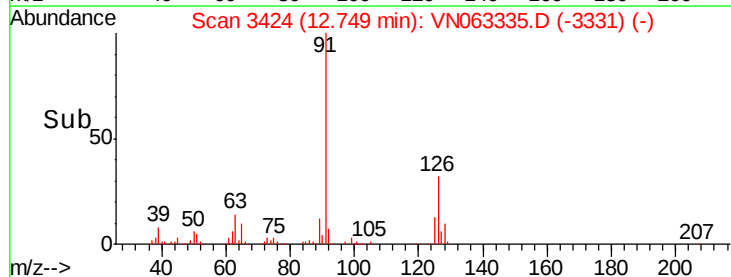
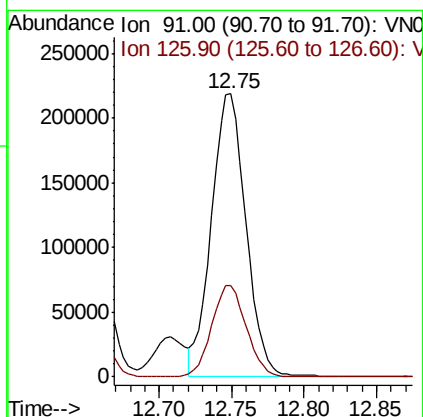
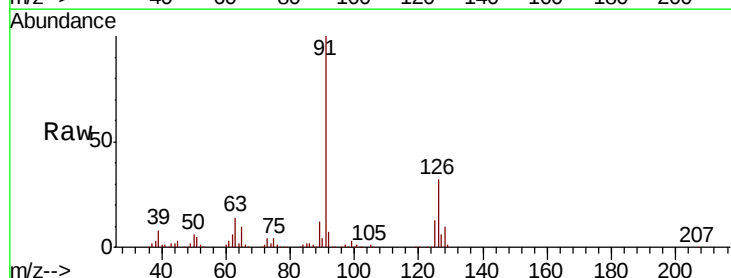
Acq: 14 Sep 2020 12:08

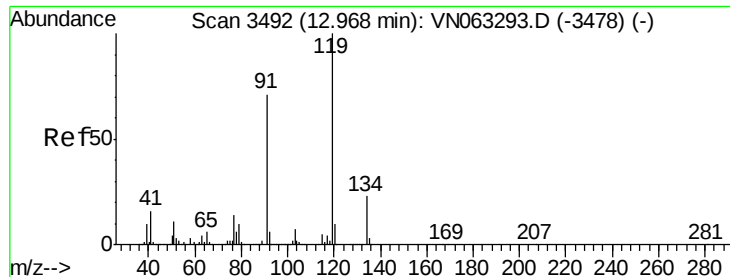
Tgt Ion: 91 Resp: 359166

Ion Ratio Lower Upper

91 100

126 32.2 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.213 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampled :

VN0914MBS01

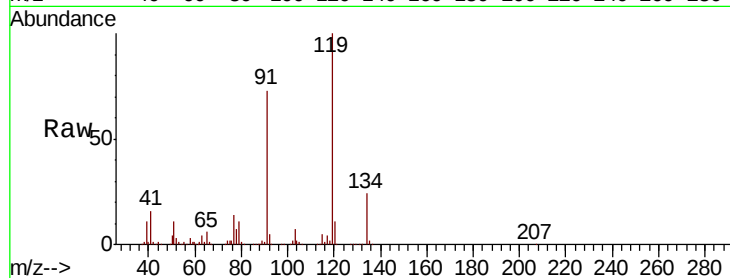
Tot Ion:119 Resp: 341223

Ion Ratio Lower Upper

119 100

91 71.6 34.8 104.3

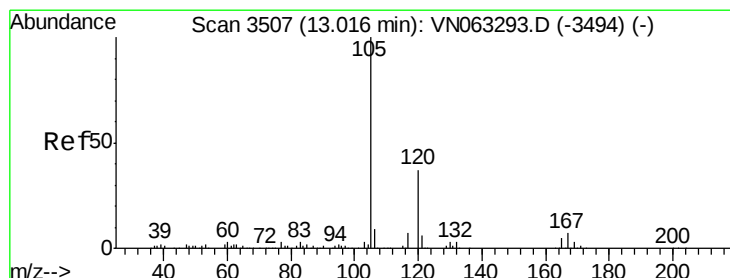
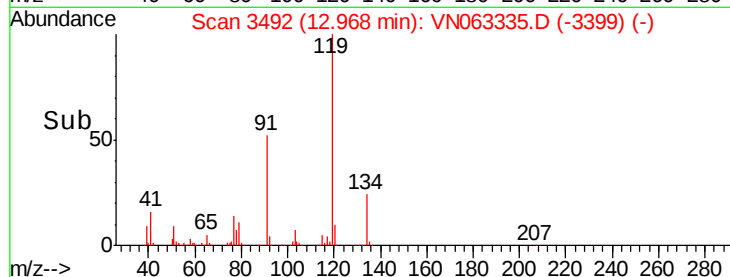
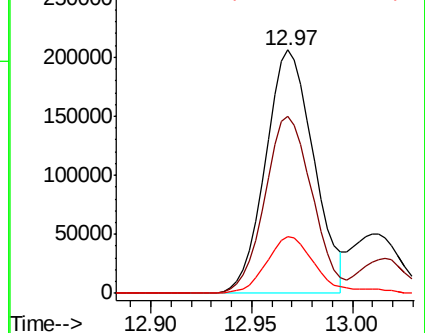
134 24.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.104 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063335.D

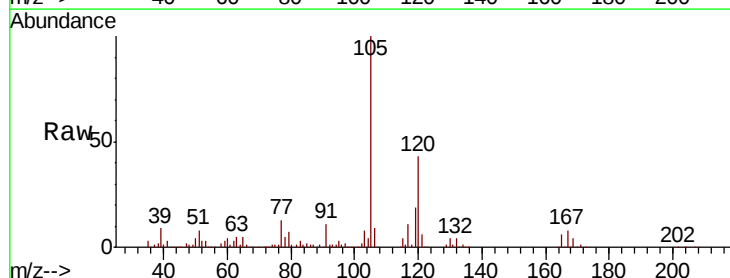
Acq: 14 Sep 2020 12:08

Tgt Ion:105 Resp: 425391

Ion Ratio Lower Upper

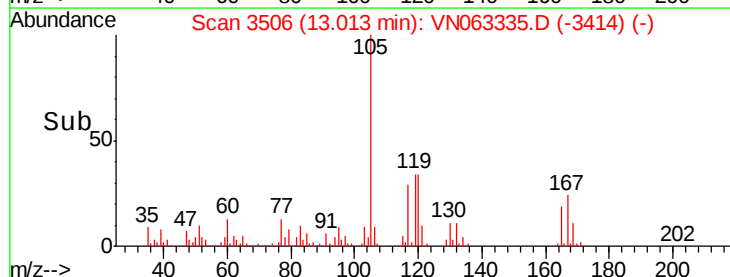
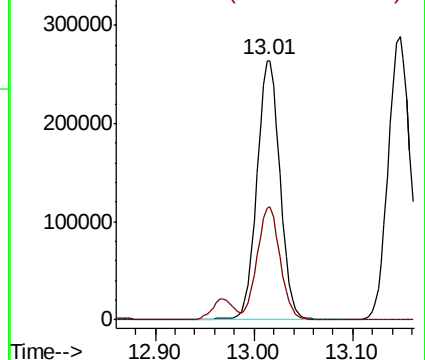
105 100

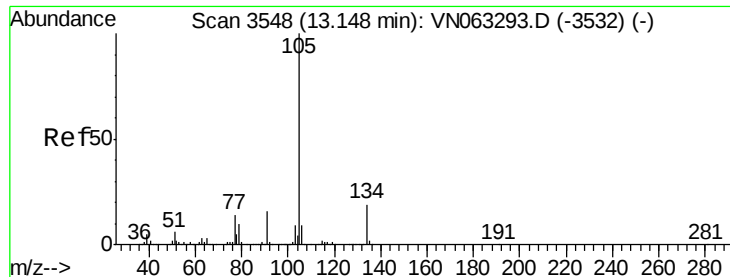
120 43.4 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.909 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

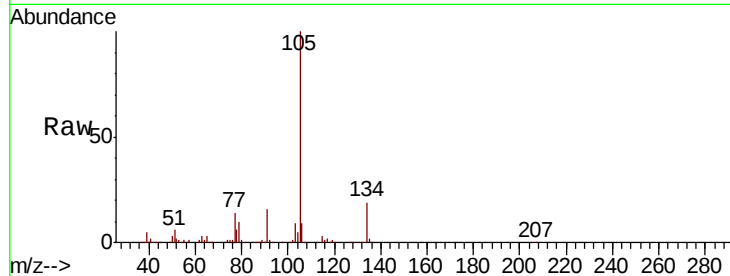
VN0914MBS01

Tot Ion:105 Resp: 450734

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

300000

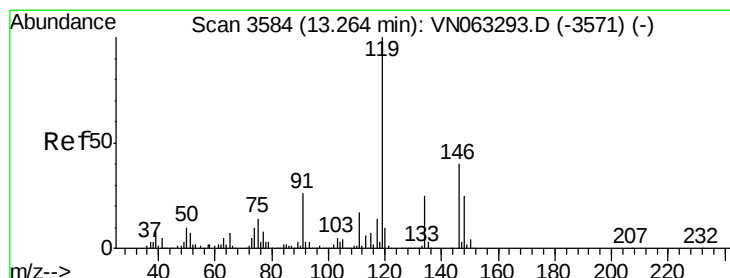
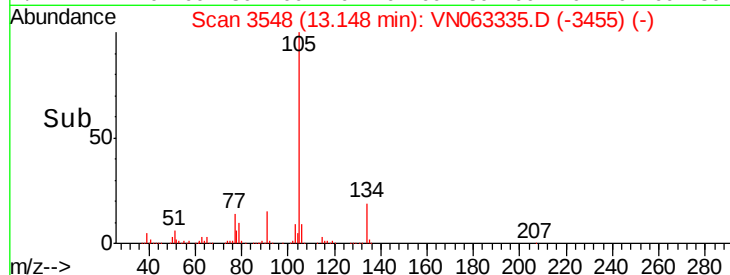
200000

100000

0

Time-->

13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 18.847 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

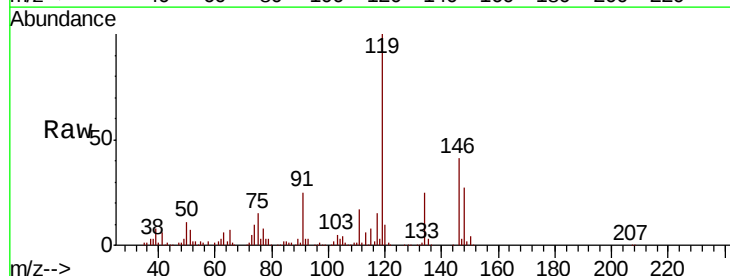
Tgt Ion:119 Resp: 411863

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 25.5 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

300000

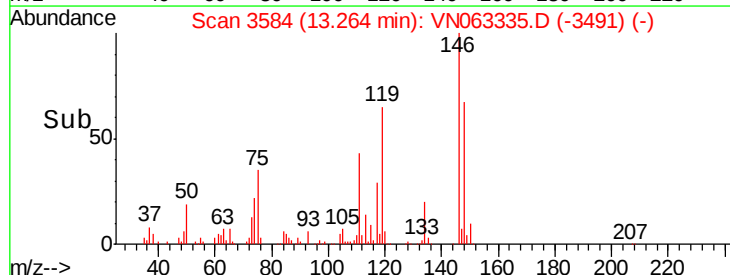
200000

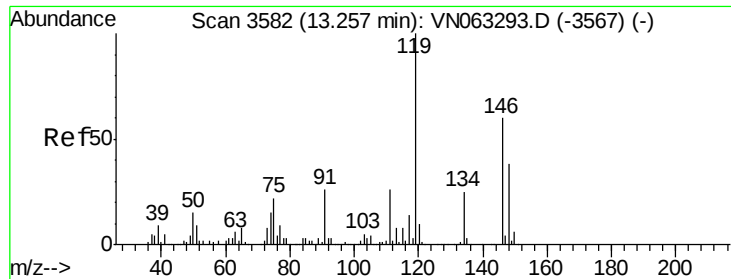
100000

0

Time-->

13.20 13.25 13.30 13.35

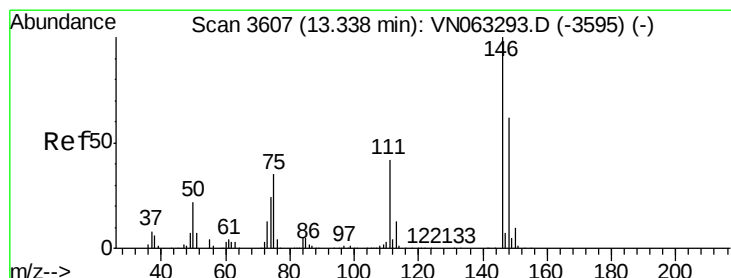
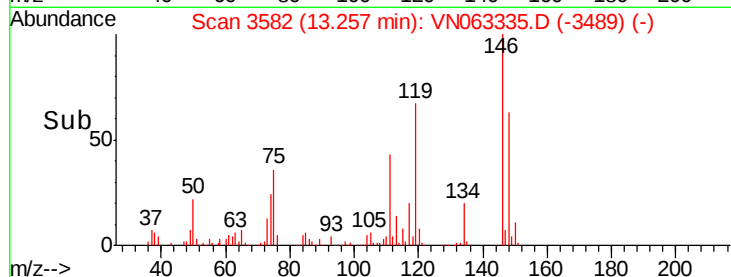
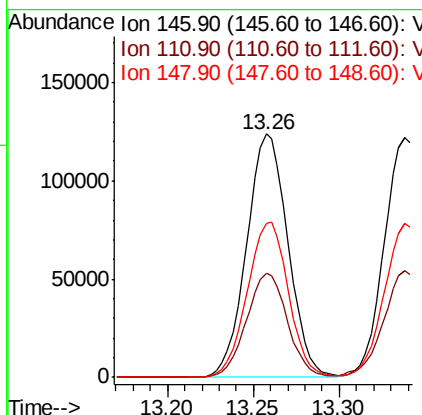
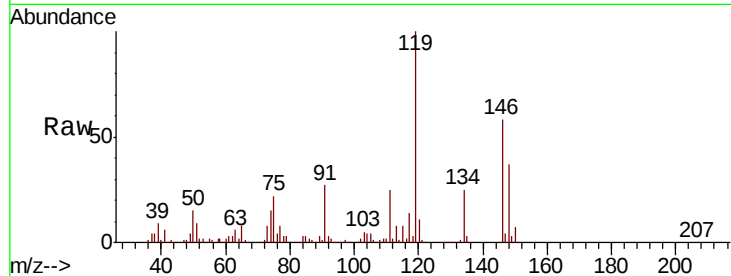




#87
 1,3-Dichlorobenzene
 Concen: 18.429 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

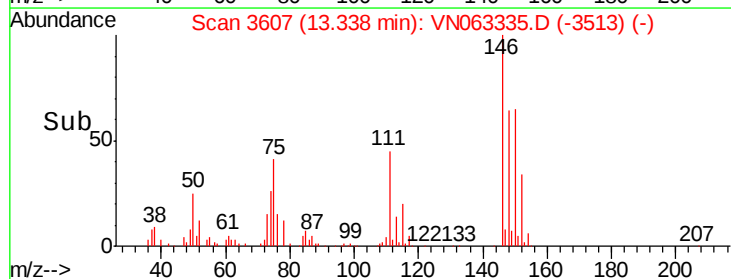
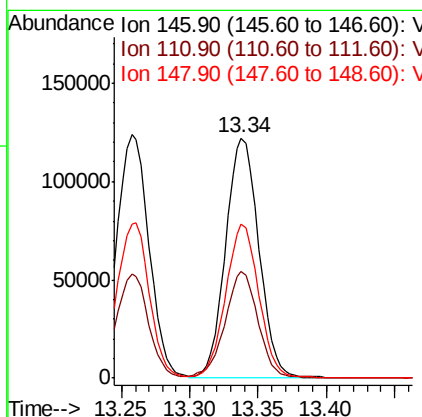
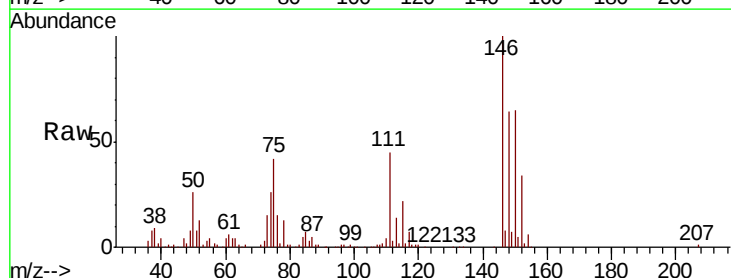
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

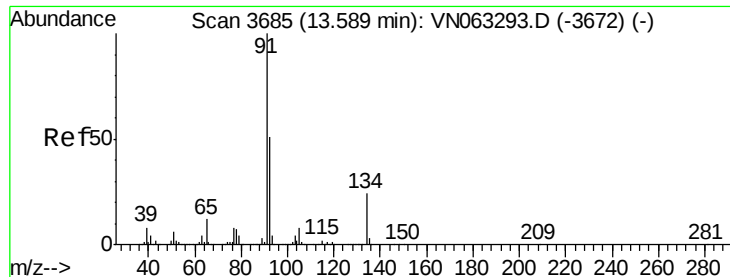
Tot Ion:146 Resp: 206036
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.8 65.4
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.597 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion:146 Resp: 205656
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.3 64.0
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 18.369 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

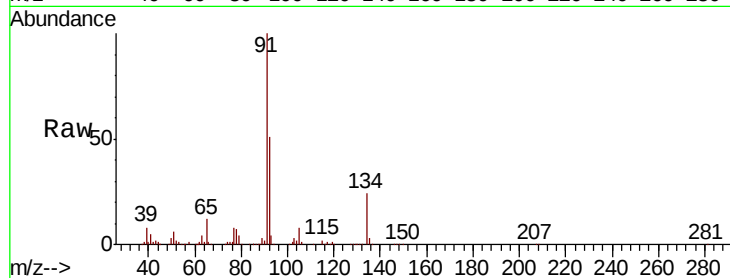
Tot Ion: 91 Resp: 362364

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

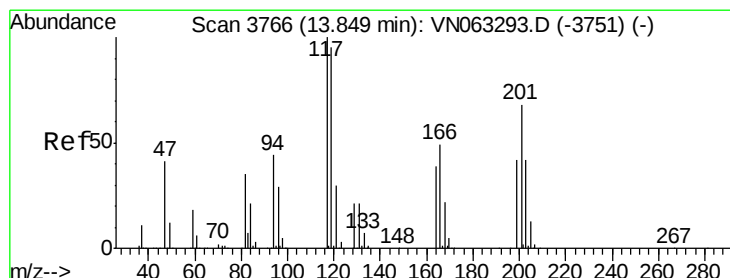
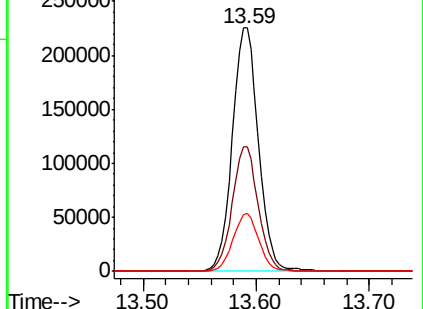
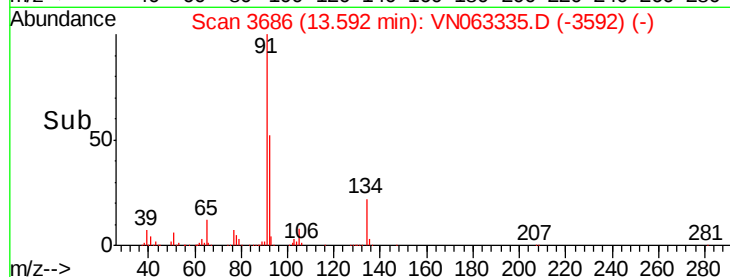
134 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063293.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063293.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063293.D (-3672) (-)



#90

Hexachloroethane

Concen: 19.632 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063335.D

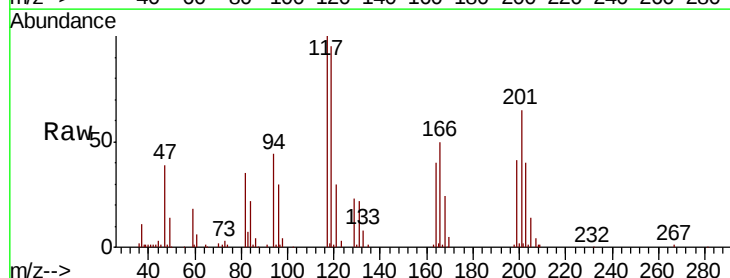
Acq: 14 Sep 2020 12:08

Tgt Ion: 117 Resp: 70567

Ion Ratio Lower Upper

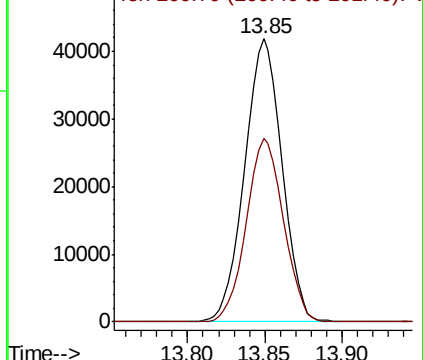
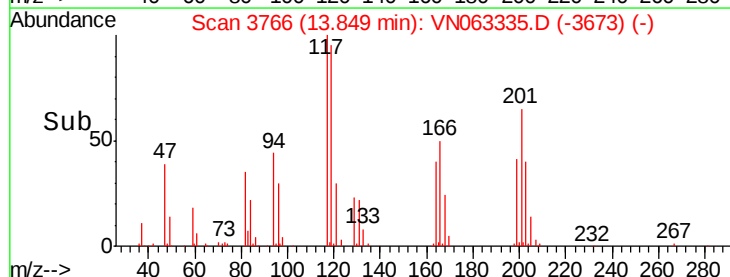
117 100

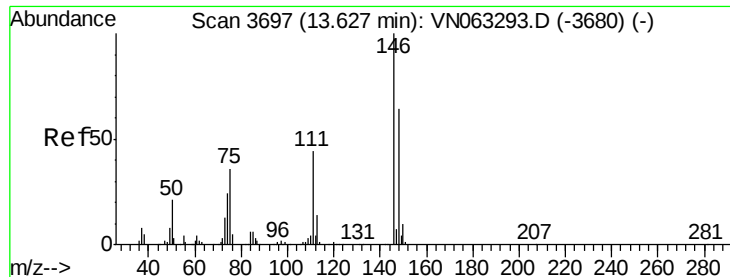
201 64.3 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063293.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN063293.D (-3751) (-)

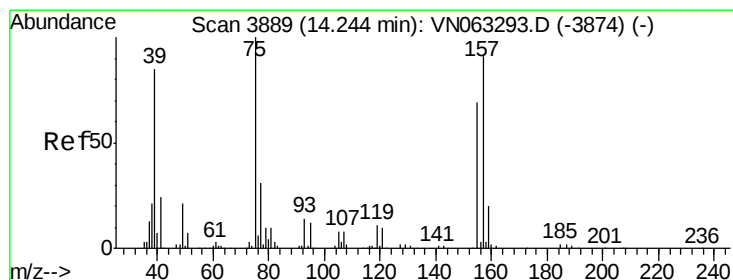
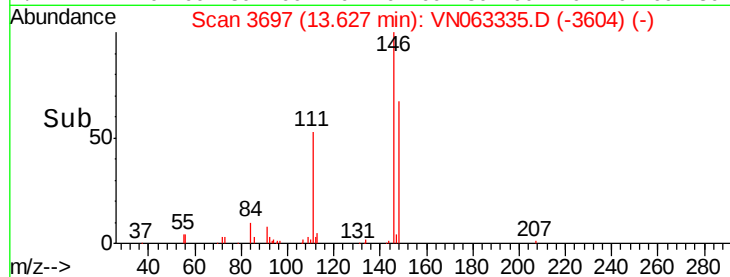
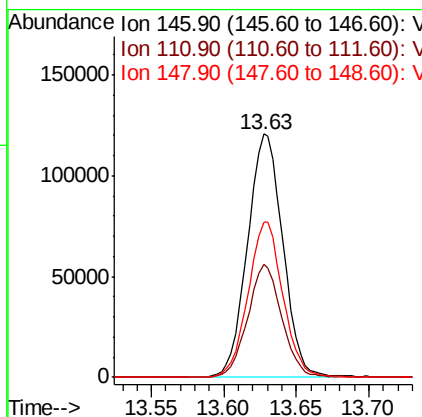
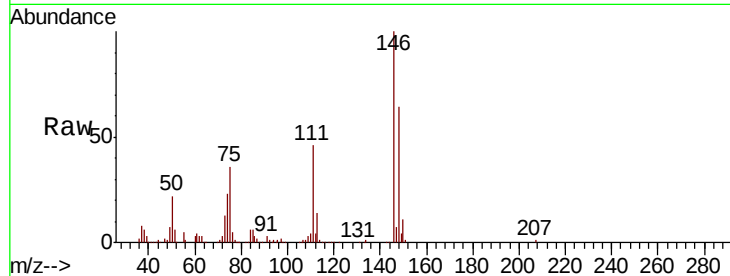




#91
 1,2-Dichlorobenzene
 Concen: 18.544 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

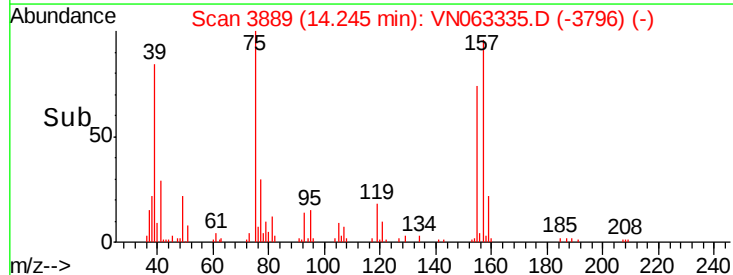
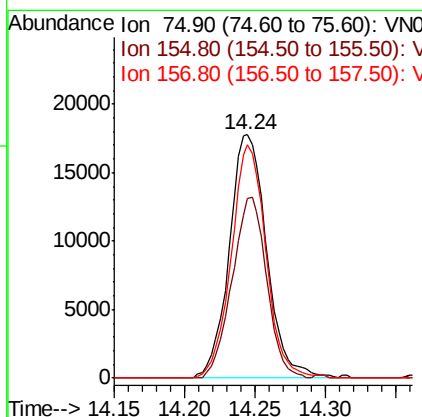
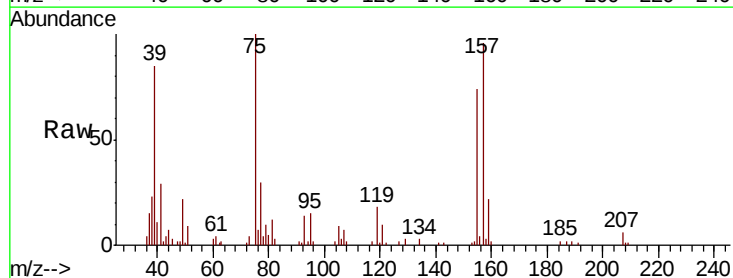
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

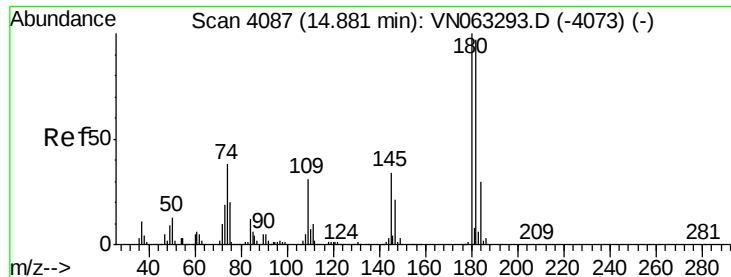
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.5
148	63.0	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.053 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.4	35.3	105.7
157	88.9	46.7	140.0

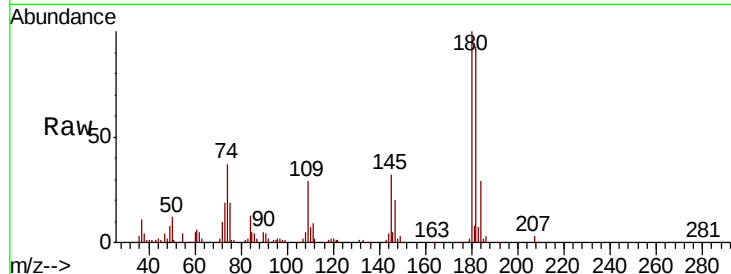




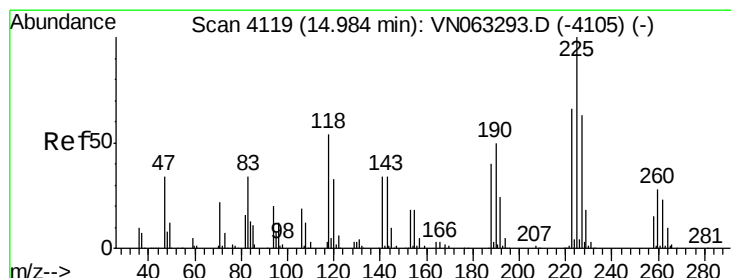
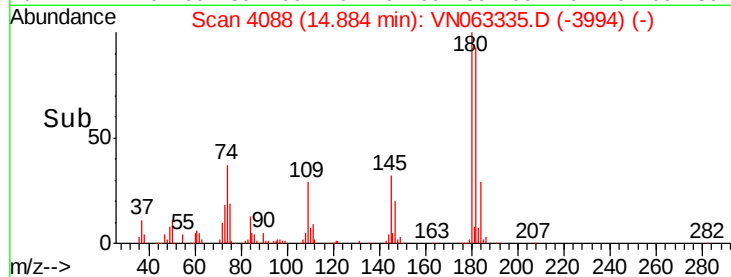
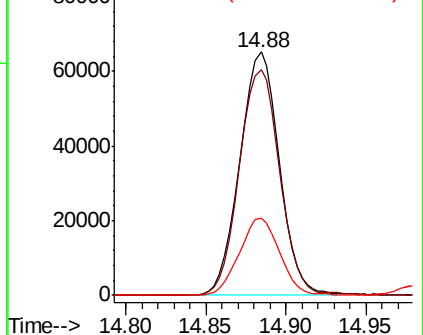
#93
 1,2,4-Trichlorobenzene
 Concen: 16.953 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBS01

Tot Ion:180 Resp: 109654
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.0 144.2
 145 32.3 16.6 49.8

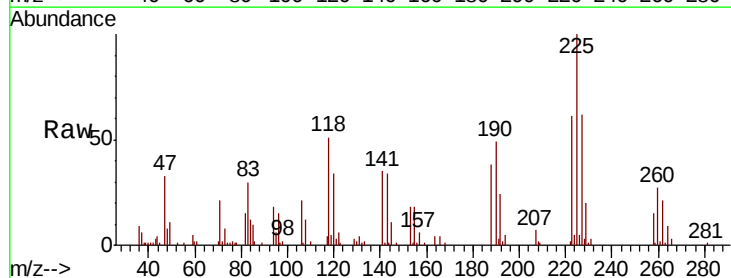


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

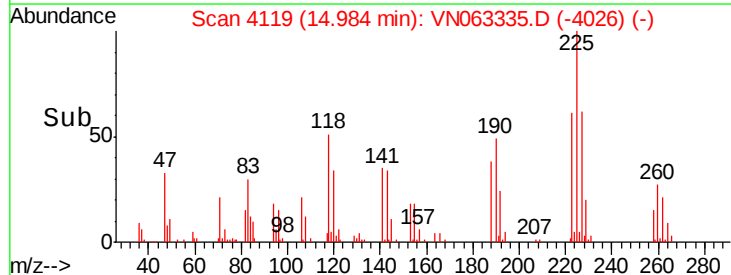
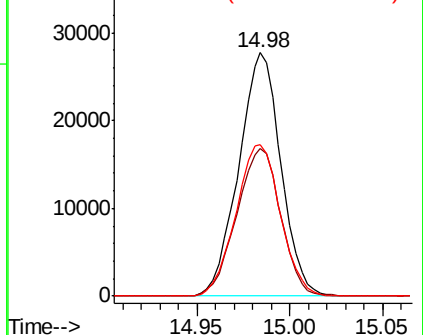


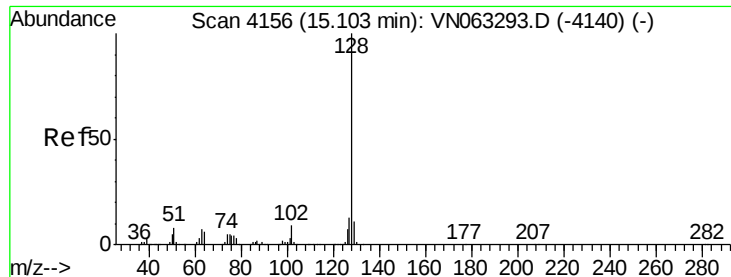
#94
 Hexachlorobutadiene
 Concen: 17.964 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063335.D
 Acq: 14 Sep 2020 12:08

Tgt Ion:225 Resp: 43778
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.9
 227 65.5 31.2 93.6



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: 16.994 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBS01

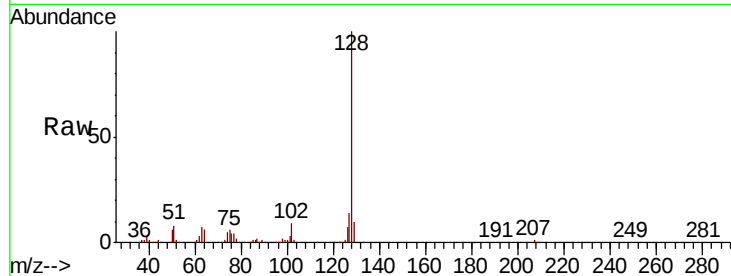
Tot Ion:128 Resp: 337193

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

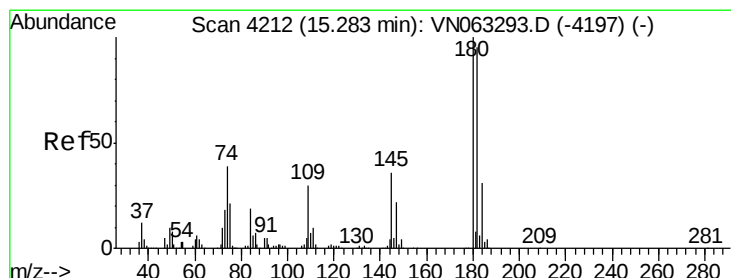
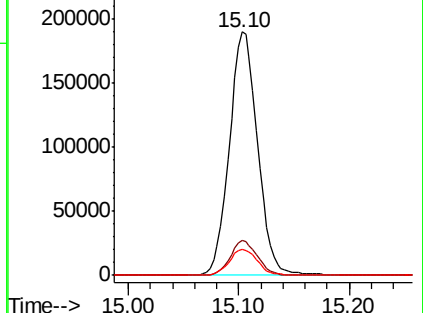
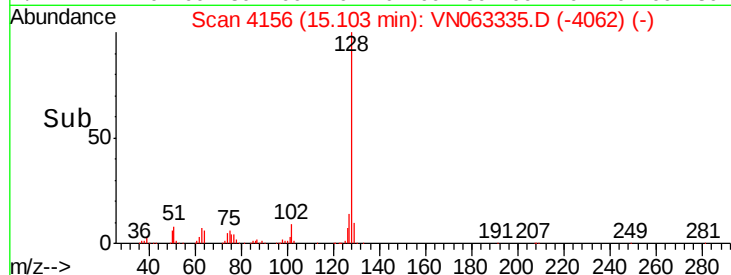
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.599 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063335.D

Acq: 14 Sep 2020 12:08

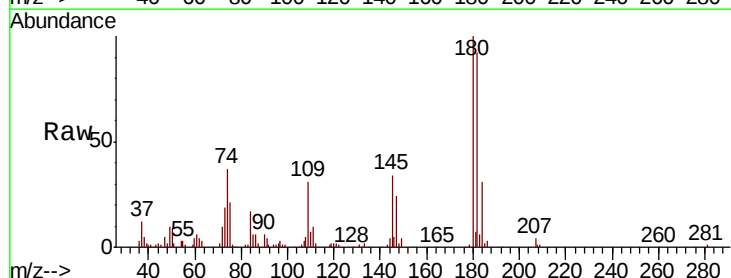
Tgt Ion:180 Resp: 105327

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 35.1 17.2 51.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

