

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063346.D
 Acq On : 14 Sep 2020 16:31
 Operator : JC/MD
 Sample : VN0914MBSD01
 Misc : 5.00µl/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

Quant Time: Sep 15 05:11:58 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	7.63	168	431757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	780598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	694638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	308279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	325626	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	237405	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	10.06	98	907592	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	
62) 4-Bromofluorobenzene	12.38	95	320597	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	68539	16.529	ug/l	99
3) Chloromethane	2.04	50	103268	17.430	ug/l	98
4) Vinyl Chloride	2.16	62	102851	17.532	ug/l	99
5) Bromomethane	2.54	94	67700	16.540	ug/l	100
6) Chloroethane	2.67	64	67850	17.680	ug/l	96
7) Trichlorofluoromethane	2.99	101	151876	16.741	ug/l	99
8) Diethyl Ether	3.37	74	58785	18.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	79580	16.790	ug/l	97
10) Methyl Iodide	3.91	142	112849	18.367	ug/l	99
11) Tert butyl alcohol	4.73	59	90585	101.001	ug/l	100
12) 1,1-Dichloroethene	3.70	96	80856	17.090	ug/l	97
13) Acrolein	3.57	56	52546	125.979	ug/l	99
14) Allyl chloride	4.27	41	160740	16.550	ug/l	99
15) Acrylonitrile	4.93	53	238536	97.275	ug/l	97
16) Acetone	3.78	43	209437	89.413	ug/l	100
17) Carbon Disulfide	4.01	76	233165	16.945	ug/l	99
18) Methyl Acetate	4.28	43	115125	19.552	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	306239	18.114	ug/l	98
20) Methylene Chloride	4.50	84	104877	18.873	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	91052	17.197	ug/l	94
22) Diisopropyl ether	5.90	45	343905	17.992	ug/l	93
23) Vinyl Acetate	5.84	43	1421853	94.506	ug/l	98
24) 1,1-Dichloroethane	5.80	63	182837	17.664	ug/l	98
25) 2-Butanone	6.79	43	328300	94.882	ug/l	99
26) 2,2-Dichloropropane	6.78	77	141163	15.559	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	106123	17.198	ug/l	96
28) Bromochloromethane	7.15	49	91264	18.183	ug/l	100
29) Tetrahydrofuran	7.16	42	214701	95.295	ug/l	98
30) Chloroform	7.33	83	186077	17.954	ug/l	100
31) Cyclohexane	7.61	56	162823	17.114	ug/l	# 93
32) 1,1,1-Trichloroethane	7.53	97	155669	17.230	ug/l	100
36) 1,1-Dichloropropene	7.75	75	132926	16.567	ug/l	100
37) Ethyl Acetate	6.88	43	147011	18.624	ug/l	97
38) Carbon Tetrachloride	7.73	117	132451	16.773	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	140518	16.053	ug/l	97
40) Benzene	8.00	78	398709	17.398	ug/l	99
41) Methacrylonitrile	7.17	41	203162	56.899	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	154130	17.726	ug/l	99
43) Isopropyl Acetate	8.13	43	243532	18.218	ug/l #	92
44) Trichloroethene	8.80	130	102331	17.074	ug/l	97
45) 1,2-Dichloropropane	9.08	63	110306	17.548	ug/l	93
46) Dibromomethane	9.17	93	73319	17.987	ug/l	99
47) Bromodichloromethane	9.37	83	148220	17.448	ug/l	98
48) Methyl methacrylate	9.17	41	114855	18.006	ug/l	99
49) 1,4-Dioxane	9.16	88	36327	367.835	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	718455	97.522	ug/l	99
52) Toluene	10.13	92	242995	17.367	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	157229	16.973	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	167787	16.823	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	96912	17.676	ug/l	96
56) Ethyl methacrylate	10.40	69	151398	18.158	ug/l	99
57) 1,3-Dichloropropane	10.68	76	171344	17.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	382981	85.635	ug/l	99
59) 2-Hexanone	10.72	43	513159	94.447	ug/l	100
60) Dibromochloromethane	10.87	129	108210	17.973	ug/l	97
61) 1,2-Dibromoethane	10.98	107	100984	17.667	ug/l	98
64) Tetrachloroethene	10.60	164	102406	17.996	ug/l	98
65) Chlorobenzene	11.41	112	258661	17.297	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	92408	16.960	ug/l	96
67) Ethyl Benzene	11.49	91	472849	17.613	ug/l	100
68) m/p-Xylenes	11.60	106	344078	34.648	ug/l	99
69) o-Xylene	11.92	106	166566	17.478	ug/l	98
70) Styrene	11.94	104	272903	17.229	ug/l	100
71) Bromoform	12.10	173	65857	17.476	ug/l #	97
73) Isopropylbenzene	12.23	105	443077	17.819	ug/l	99
74) N-amyl acetate	12.05	43	198079	19.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	131184	18.421	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	184947	27.194	ug/l #	100
77) Bromobenzene	12.50	156	100067	17.507	ug/l	96
78) n-propylbenzene	12.57	91	506515	17.931	ug/l	99
79) 2-Chlorotoluene	12.65	91	303761	17.489	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	372835	18.057	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	44819	17.706	ug/l	99
82) 4-Chlorotoluene	12.75	91	318001	17.466	ug/l	99
83) tert-Butylbenzene	12.97	119	302295	17.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	373324	17.938	ug/l	99
85) sec-Butylbenzene	13.15	105	397856	17.859	ug/l	100
86) p-Isopropyltoluene	13.26	119	356597	17.460	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	185328	17.736	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	179453	17.293	ug/l	97
89) n-Butylbenzene	13.59	91	311206	16.879	ug/l	99
90) Hexachloroethane	13.85	117	59582	17.735	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	181201	17.545	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29192	18.026	ug/l	98

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Instrument :
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ClientSampleId :
VN0914MBSD01

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Quant Title : SW846 8260
QLast Update : Fri Sep 11 06:02:56 2020
Response via : Initial Calibration

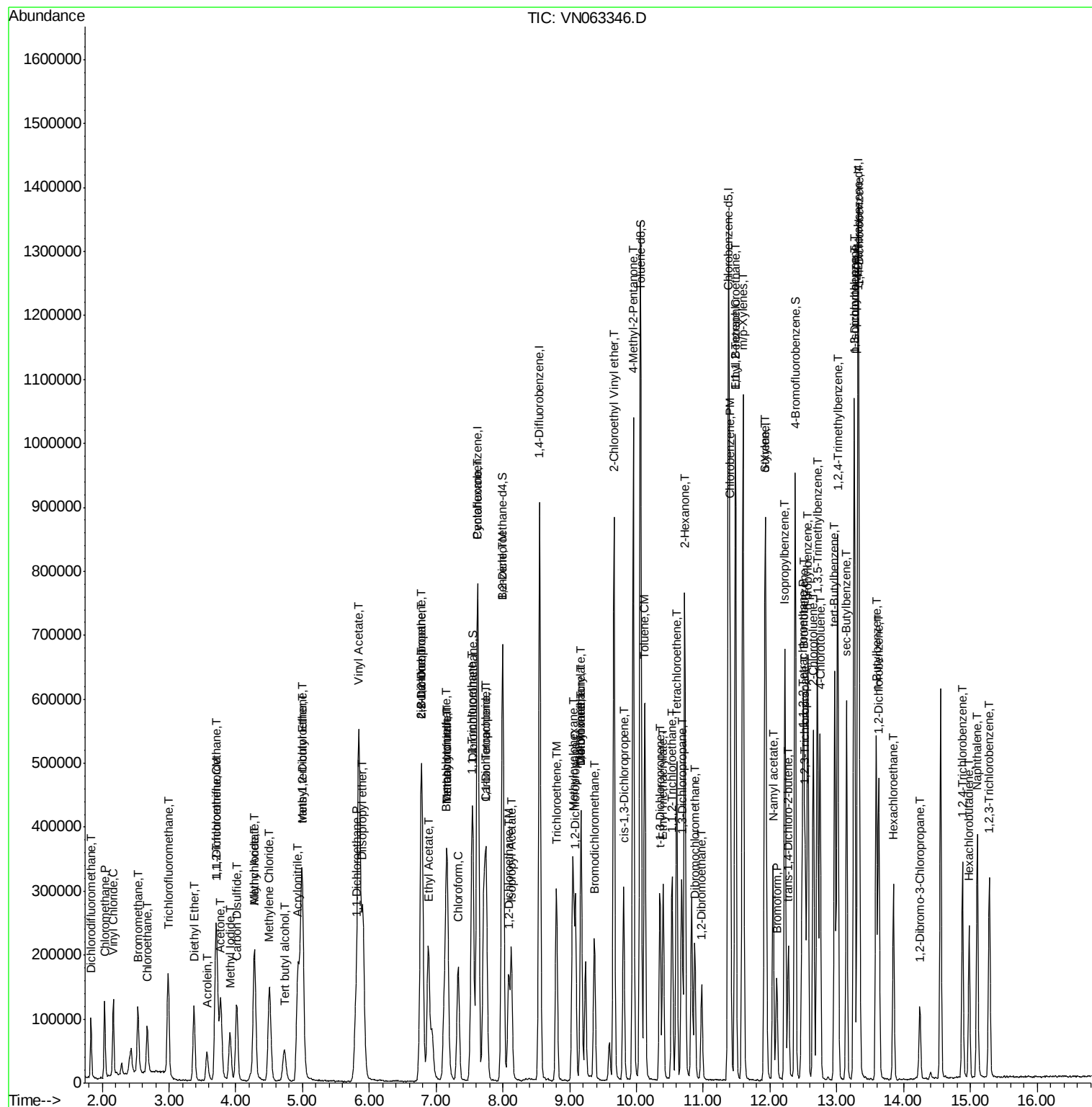
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	98747	16.335	ug/l	98
94) Hexachlorobutadiene	14.98	225	38295	16.729	ug/l	98
95) Naphthalene	15.10	128	311028	16.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	93775	16.725	ug/l	98

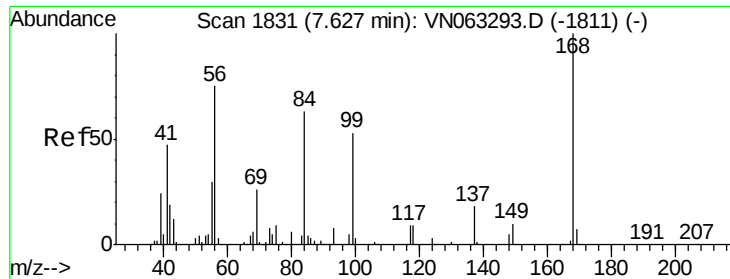
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

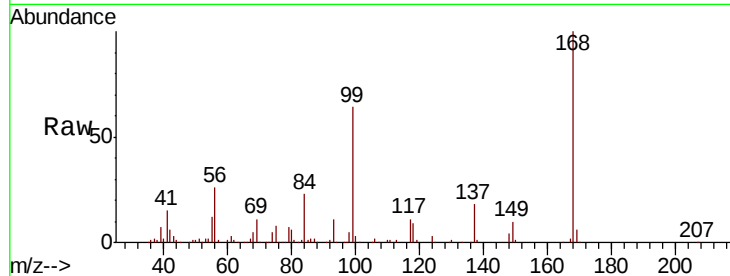
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

Tot Ion:168 Resp: 431757

Ion Ratio Lower Upper

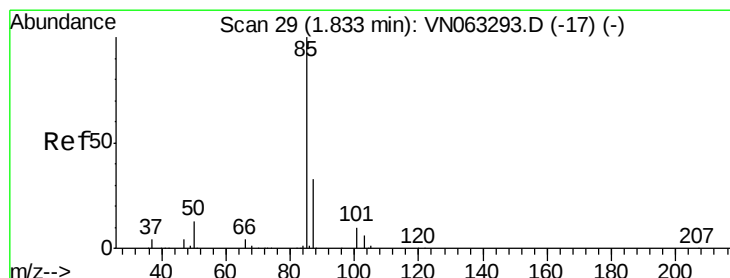
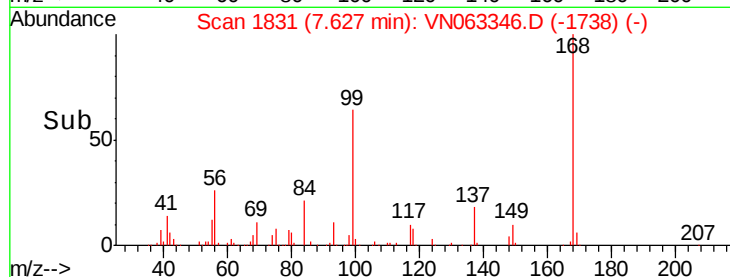
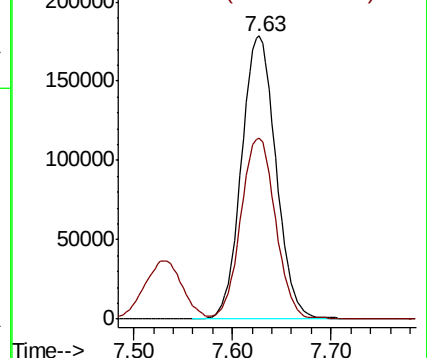
168 100

99 63.8 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.529 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063346.D

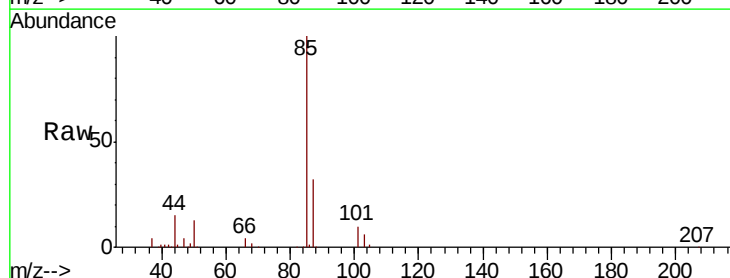
Acq: 14 Sep 2020 16:31

Tgt Ion: 85 Resp: 68539

Ion Ratio Lower Upper

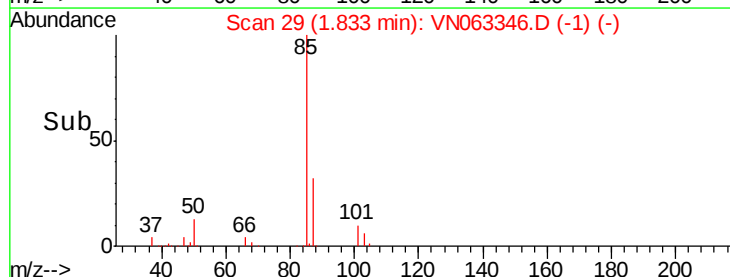
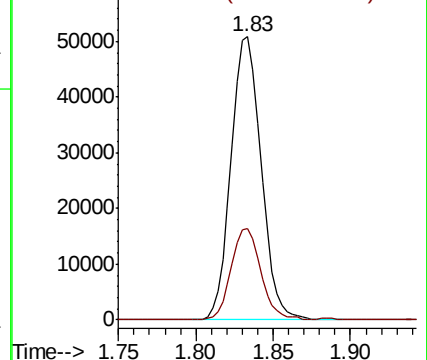
85 100

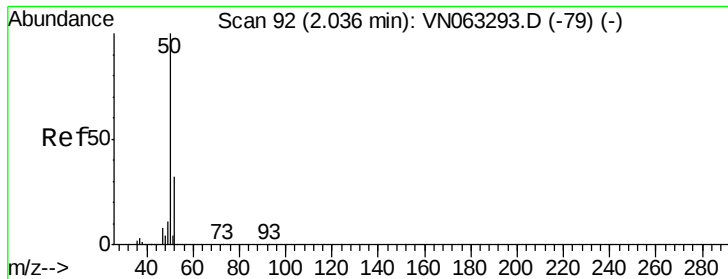
87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.430 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

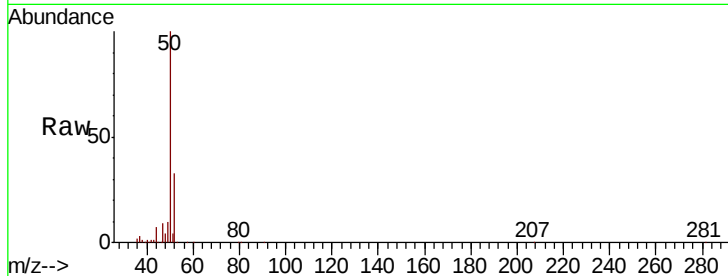
VN0914MBSD01

Tot Ion: 50 Resp: 103268

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

80000

60000

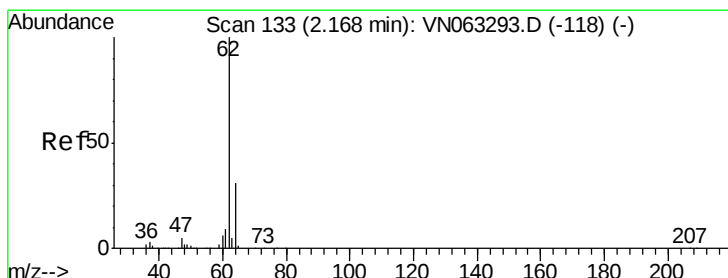
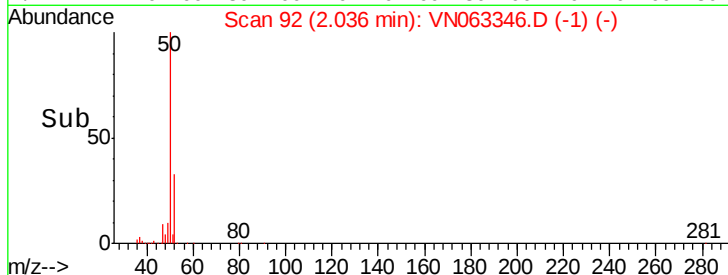
40000

20000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 17.532 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063346.D

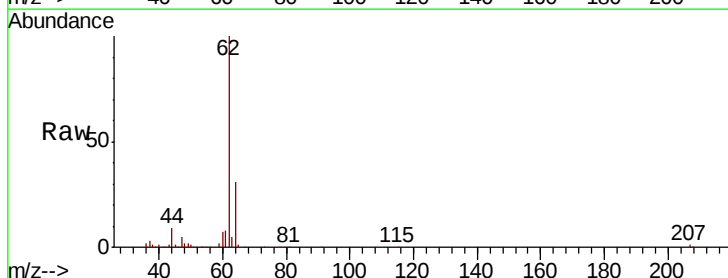
Acq: 14 Sep 2020 16:31

Tgt Ion: 62 Resp: 102851

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

80000

60000

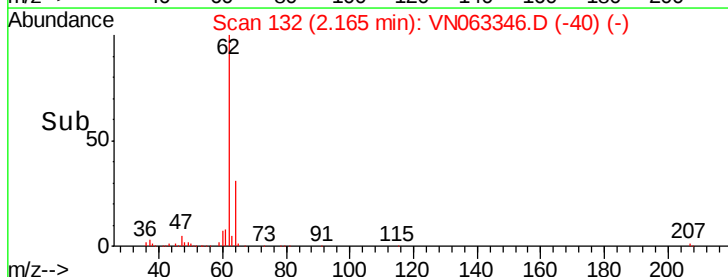
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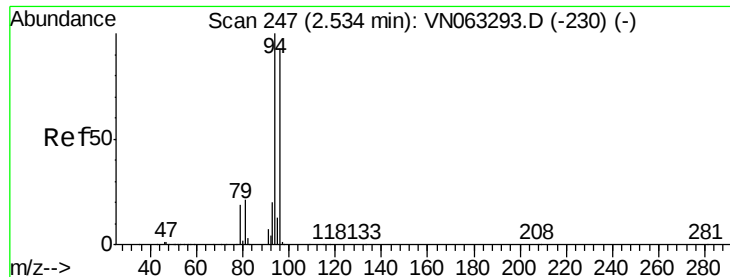
20000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 16.540 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

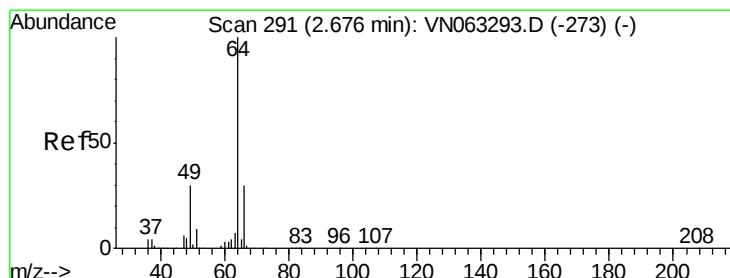
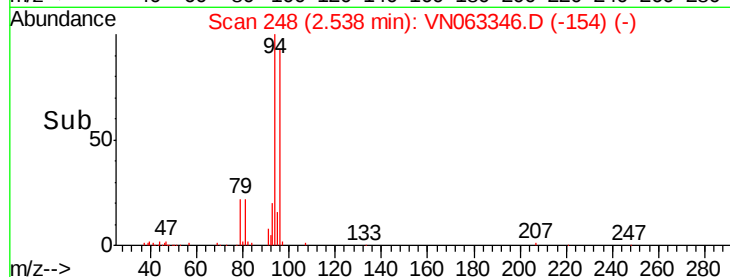
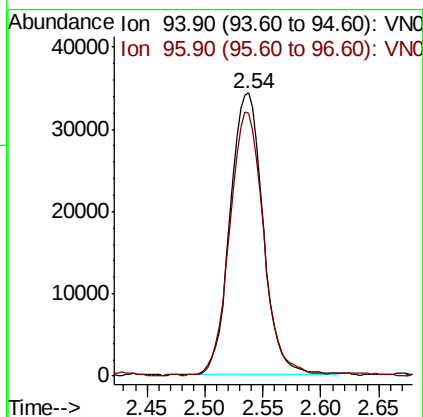
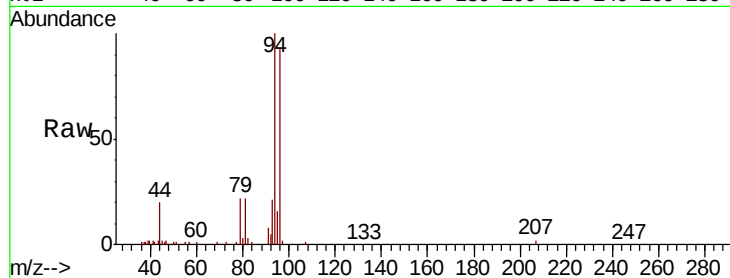
VN0914MBSD01

Tot Ion: 94 Resp: 67700

Ion Ratio Lower Upper

94 100

96 92.8 74.3 111.5



#6

Chloroethane

Concen: 17.680 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063346.D

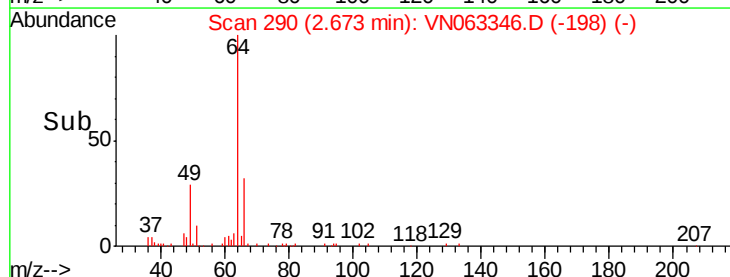
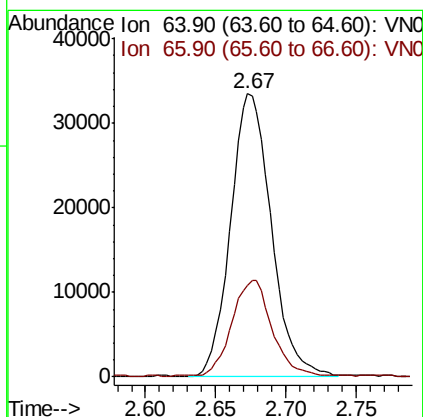
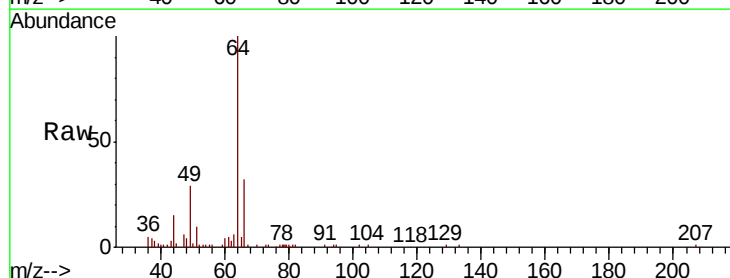
Acq: 14 Sep 2020 16:31

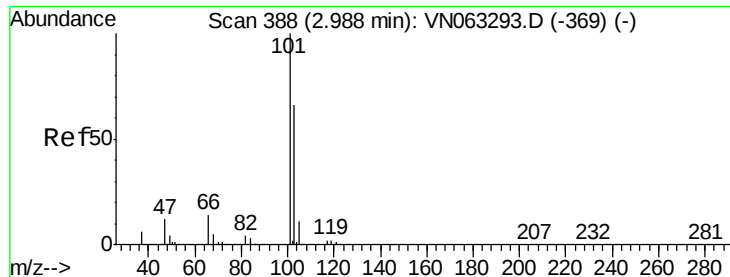
Tgt Ion: 64 Resp: 67850

Ion Ratio Lower Upper

64 100

66 31.8 23.8 35.6



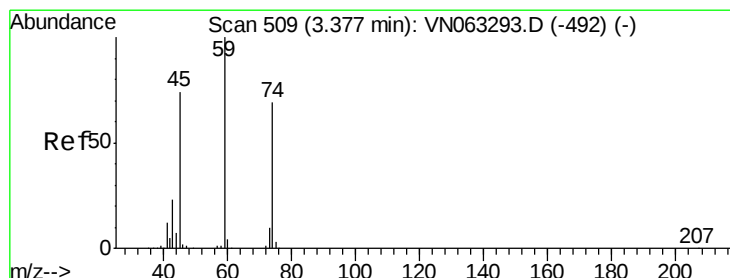
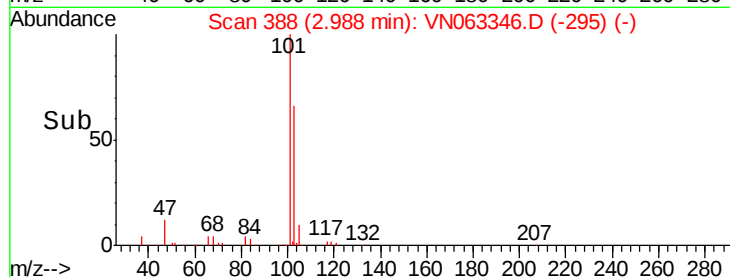
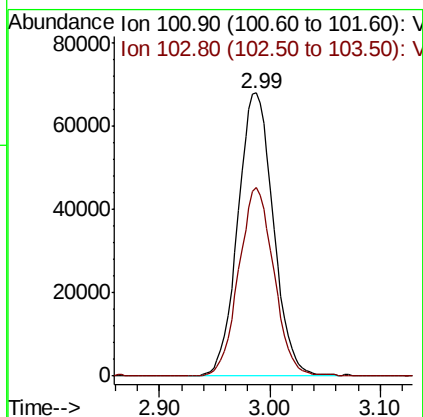
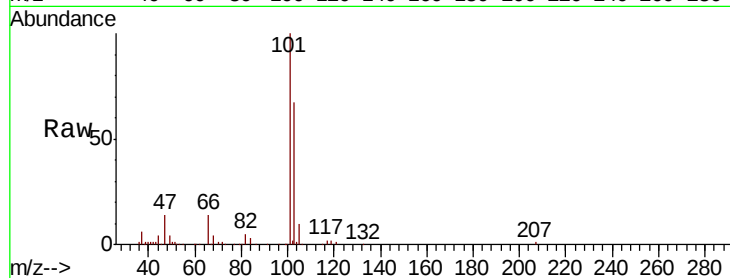


#7

Trichlorofluoromethane
 Concen: 16.741 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Instrument :
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 ClientSampleId :
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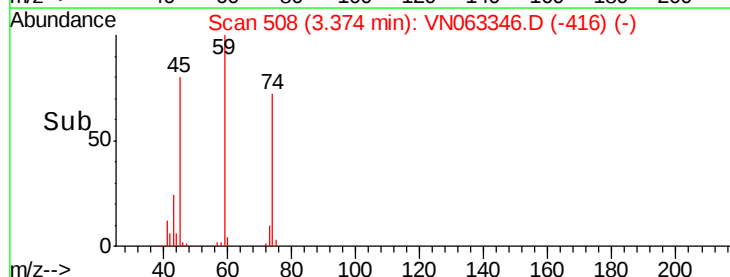
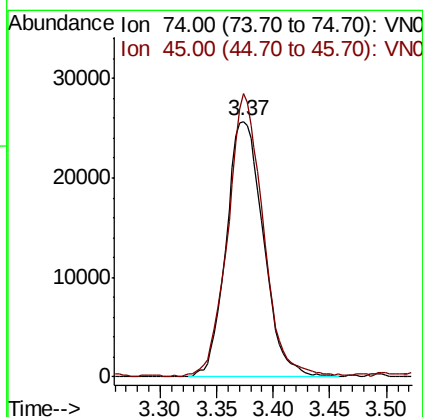
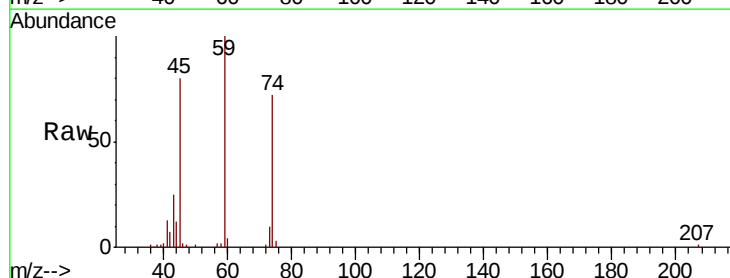
Tot Ion:101 Resp: 151876
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.4 78.6

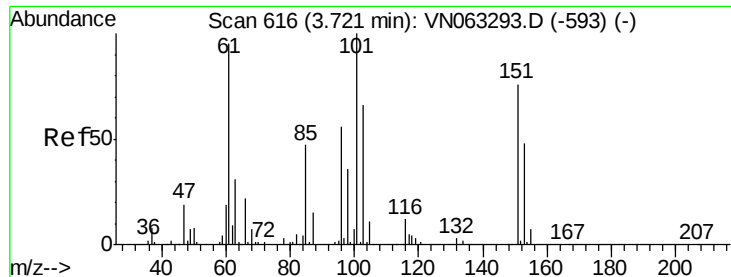


#8

Diethyl Ether
 Concen: 18.172 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 74 Resp: 58785
 Ion Ratio Lower Upper
 74 100
 45 105.7 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.790 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

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MSVOA_N

ClientSampleId :

VN0914MBSD01

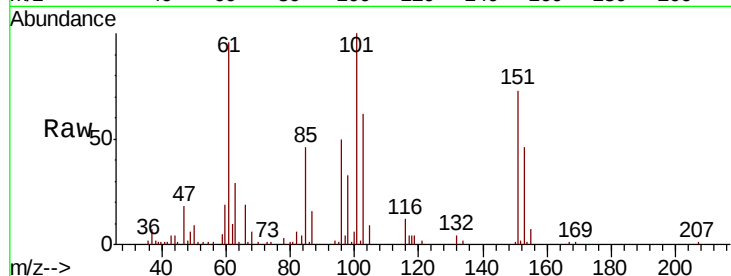
Tot Ion:101 Resp: 79580

Ion Ratio Lower Upper

101 100

85 48.0 36.9 55.3

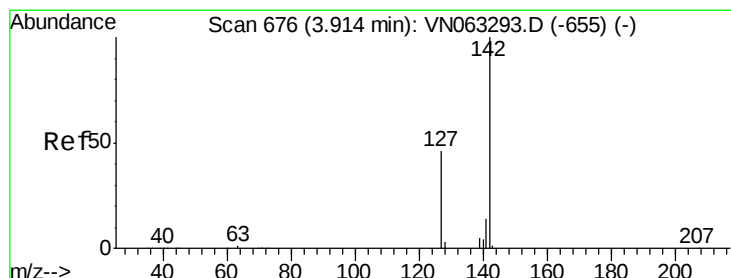
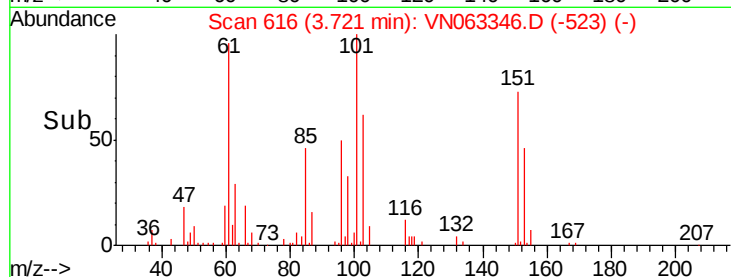
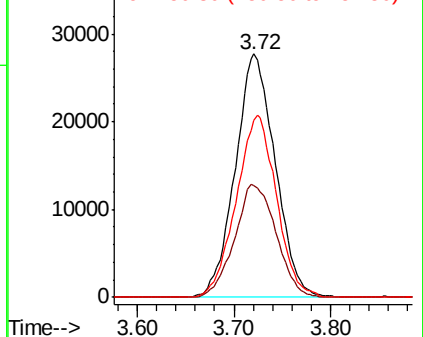
151 75.2 57.8 86.8



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: 18.367 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

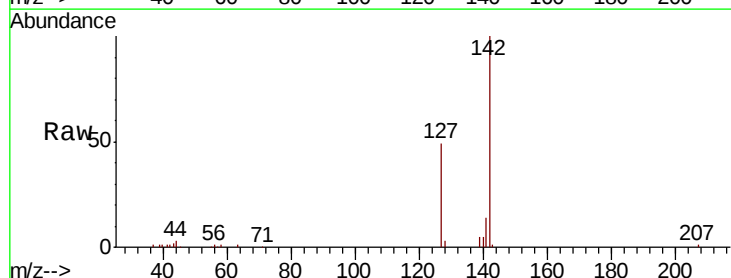
Tgt Ion:142 Resp: 112849

Ion Ratio Lower Upper

142 100

127 46.7 37.1 55.7

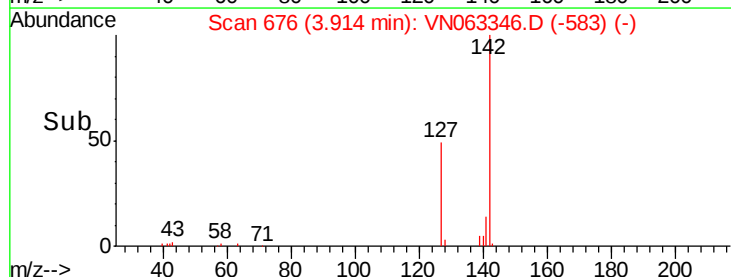
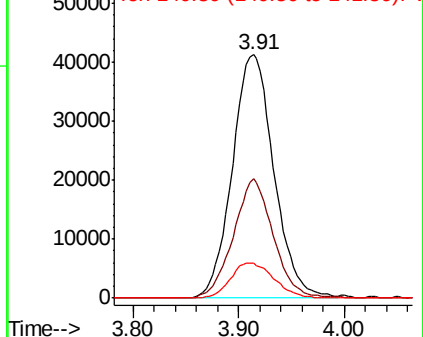
141 15.0 11.6 17.4

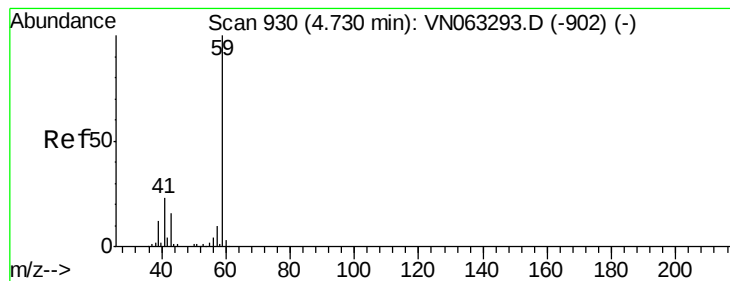


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



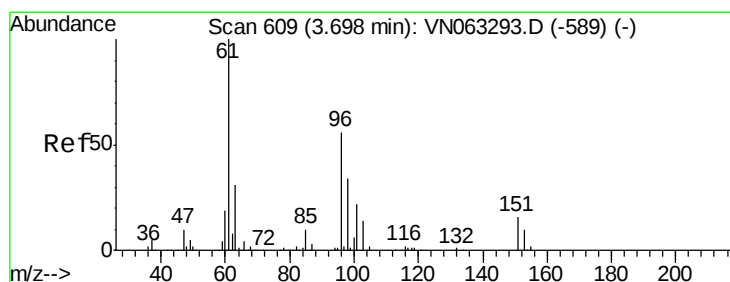
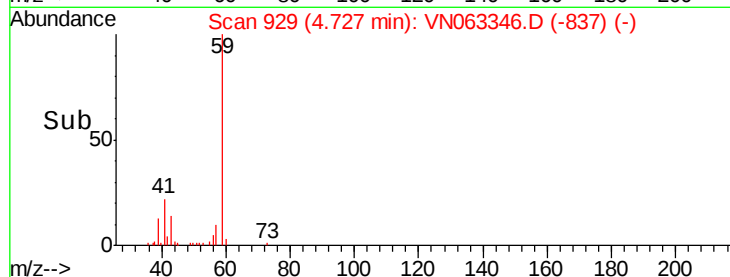
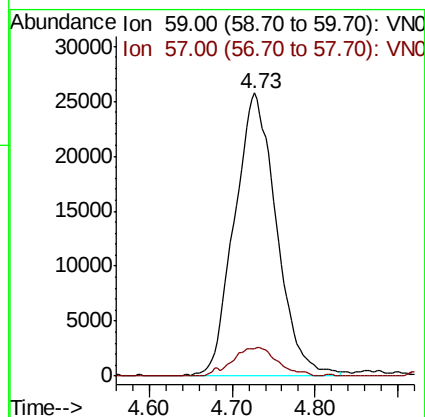
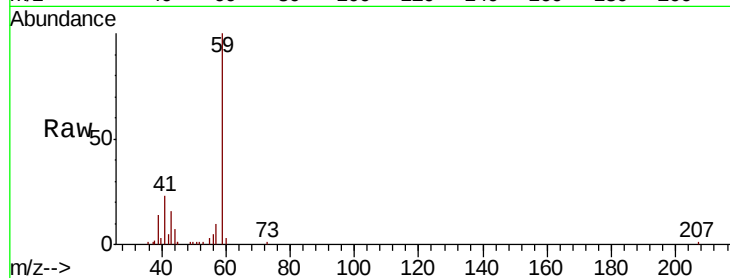


#11

Tert butyl alcohol
 Concen: 101.001 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

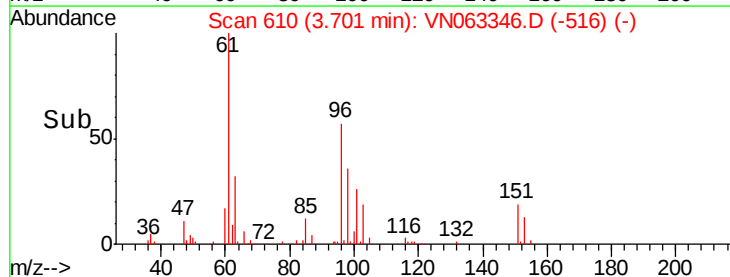
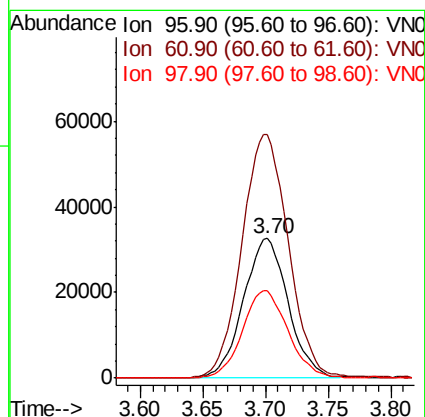
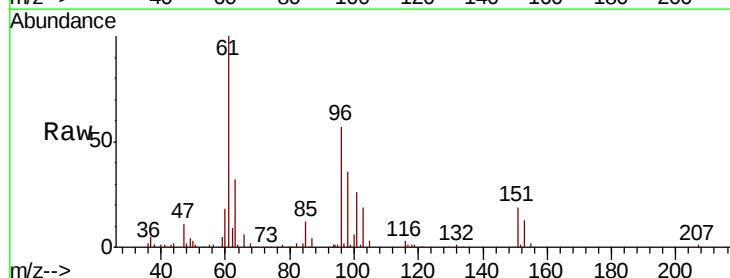
Tot Ion: 59 Resp: 90585
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

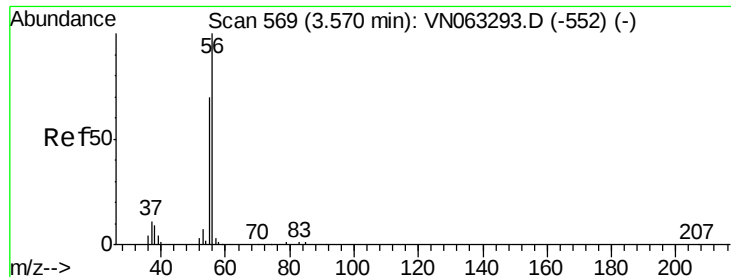


#12

1,1-Dichloroethene
 Concen: 17.090 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 96 Resp: 80856
 Ion Ratio Lower Upper
 96 100
 61 173.7 142.1 213.1
 98 62.7 48.8 73.2





#13

Acrolein

Concen: 125.979 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

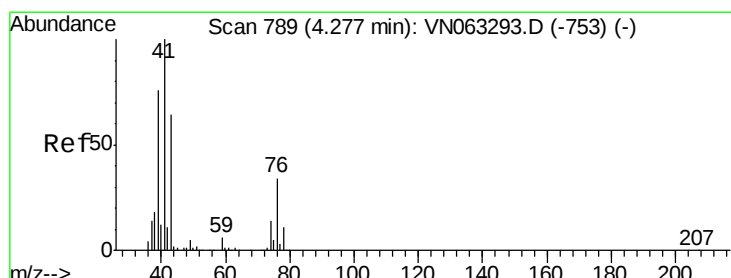
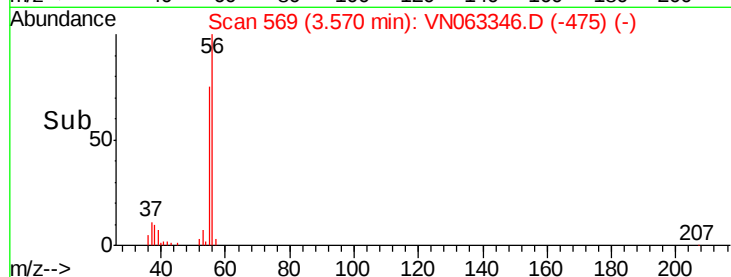
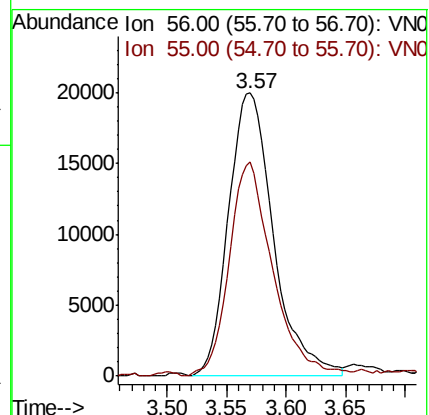
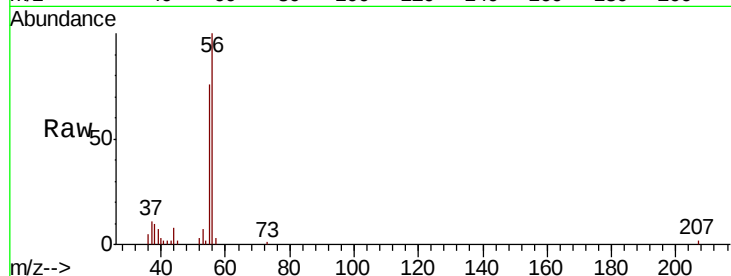
VN0914MBSD01

Tot Ion: 56 Resp: 52546

Ion Ratio Lower Upper

56 100

55 72.3 57.2 85.8



#14

Allyl chloride

Concen: 16.550 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

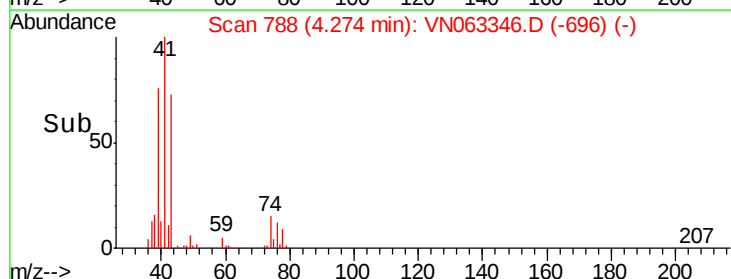
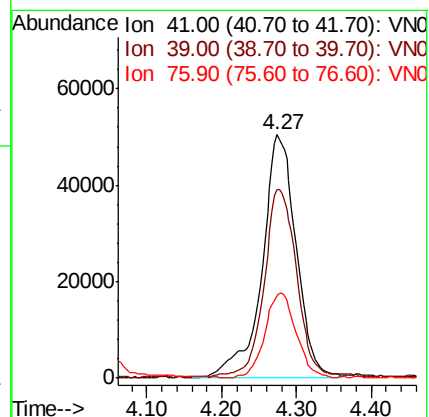
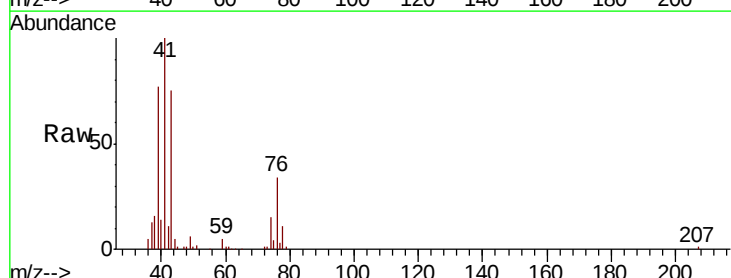
Tgt Ion: 41 Resp: 160740

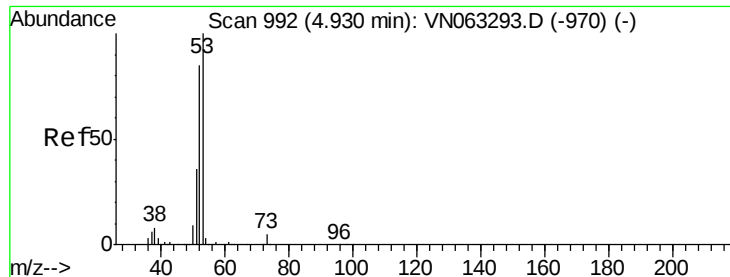
Ion Ratio Lower Upper

41 100

39 72.6 57.4 86.2

76 31.2 25.7 38.5





#15

Acrylonitrile

Concen: 97.275 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

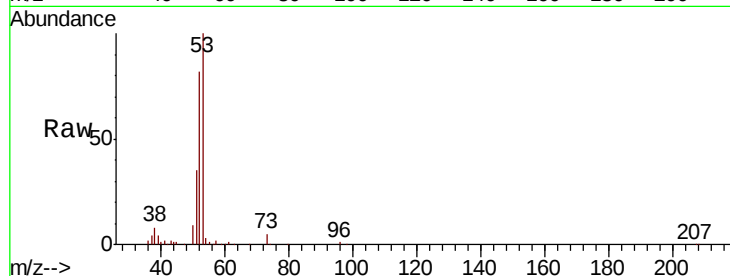
Tot Ion: 53 Resp: 238536

Ion Ratio Lower Upper

53 100

52 80.1 66.5 99.7

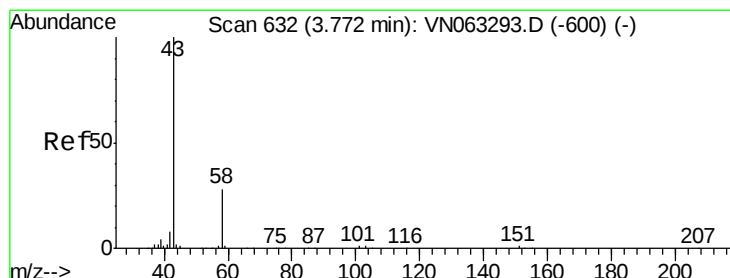
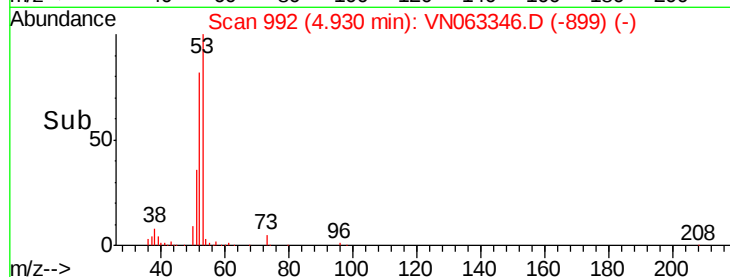
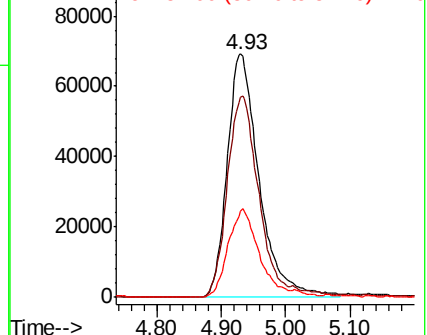
51 35.1 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.413 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063346.D

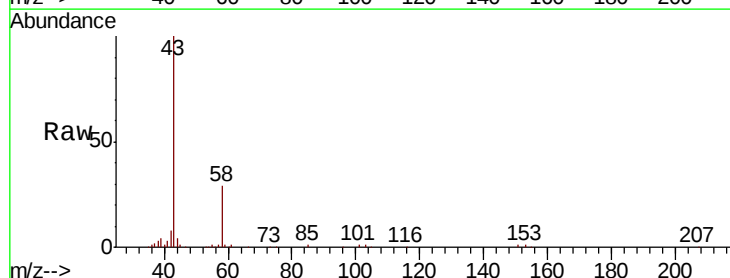
Acq: 14 Sep 2020 16:31

Tgt Ion: 43 Resp: 209437

Ion Ratio Lower Upper

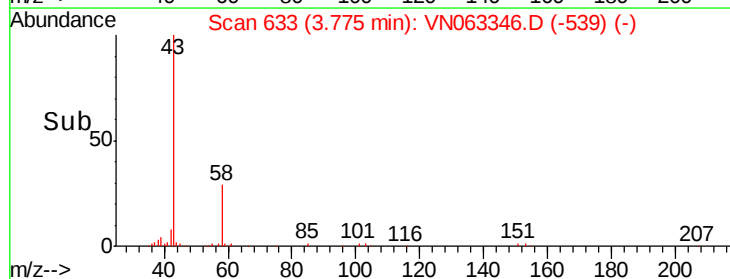
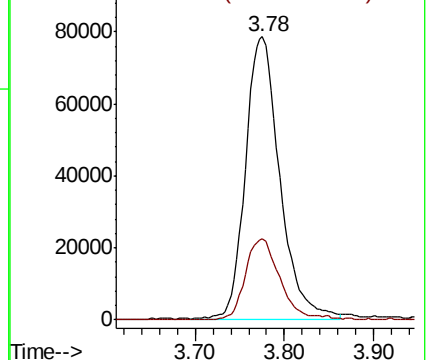
43 100

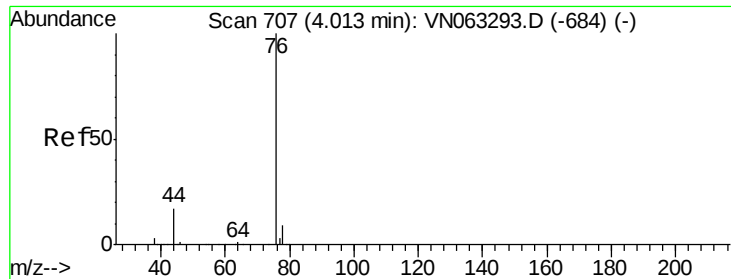
58 28.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

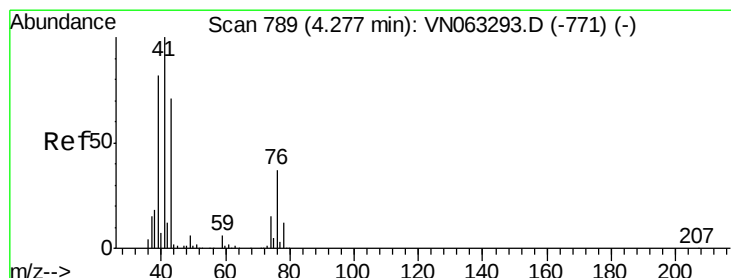
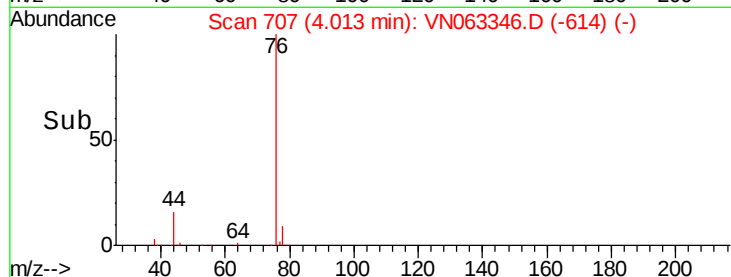
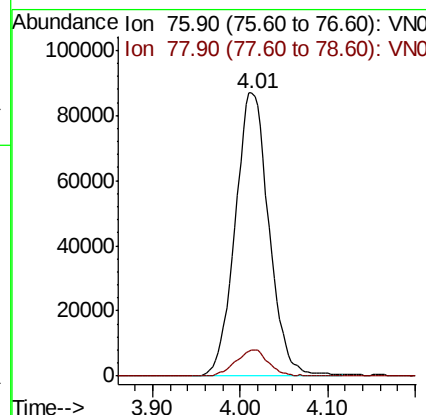
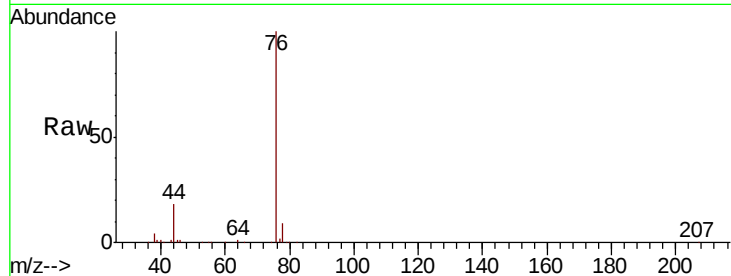




#17
Carbon Disulfide
Concen: 16.945 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

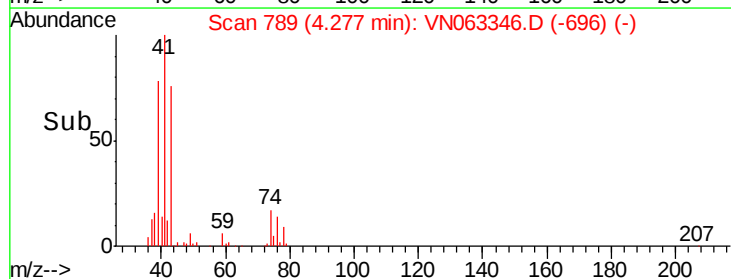
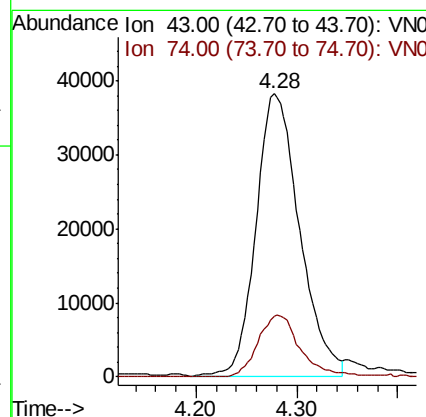
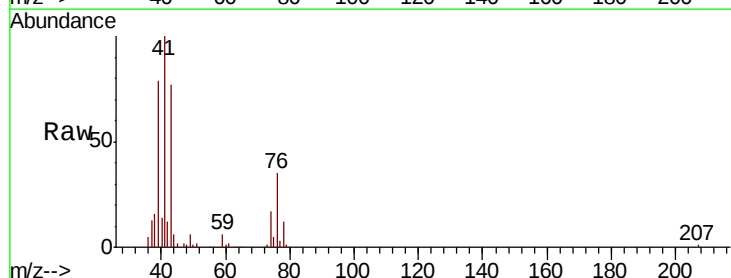
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

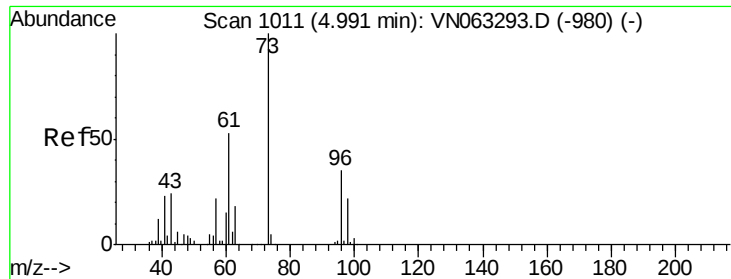
Tot Ion: 76 Resp: 233165
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 19.552 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 43 Resp: 115125
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.6

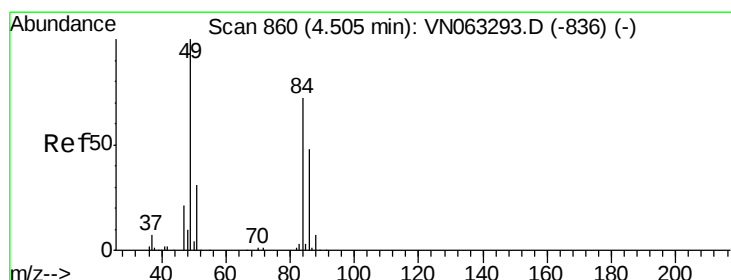
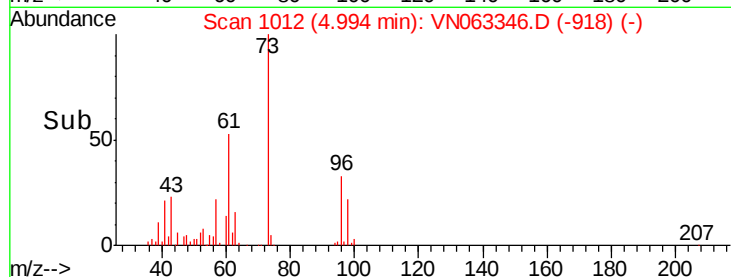
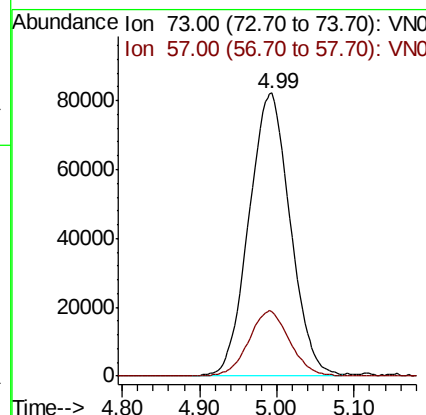
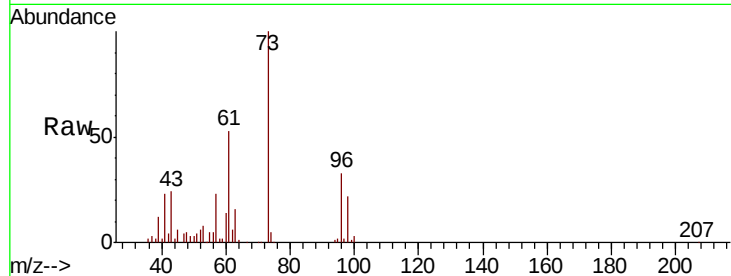




#19
Methvl tert-butvl Ether
Concen: 18.114 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

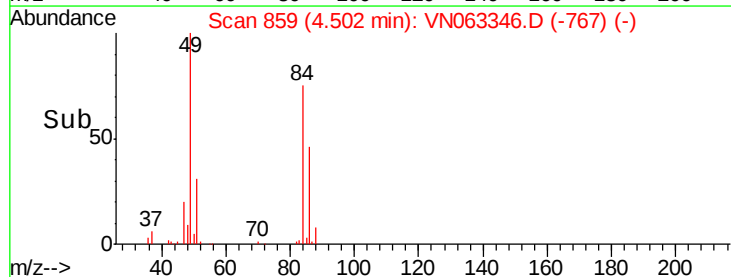
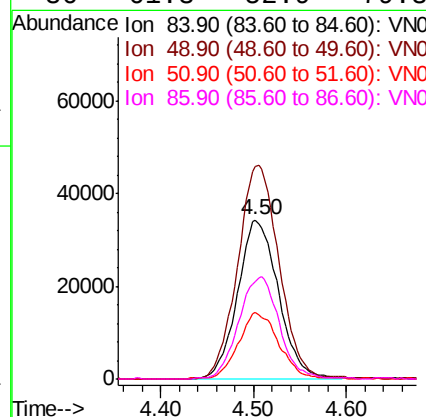
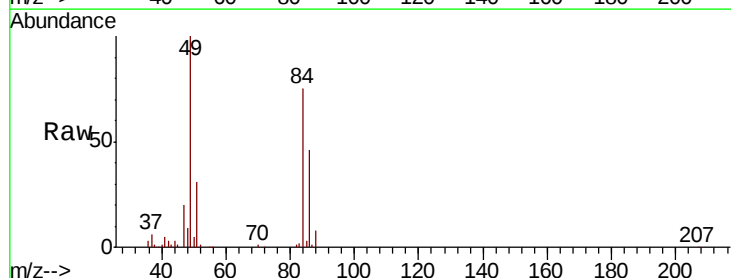
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

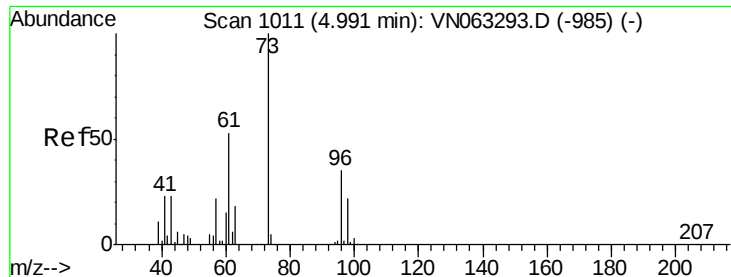
Tot Ion: 73 Resp: 306239
Ion Ratio Lower Upper
73 100
57 22.8 17.5 26.3



#20
Methylene Chloride
Concen: 18.873 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 84 Resp: 104877
Ion Ratio Lower Upper
84 100
49 133.4 111.1 166.7
51 41.2 34.3 51.5
86 61.3 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 17.197 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

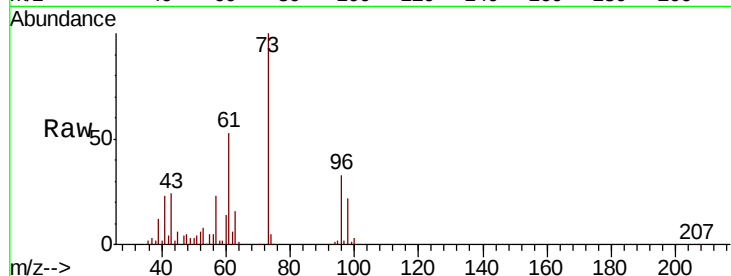
Tot Ion: 96 Resp: 91052

Ion Ratio Lower Upper

96 100

61 159.9 121.8 182.8

98 68.2 51.2 76.8

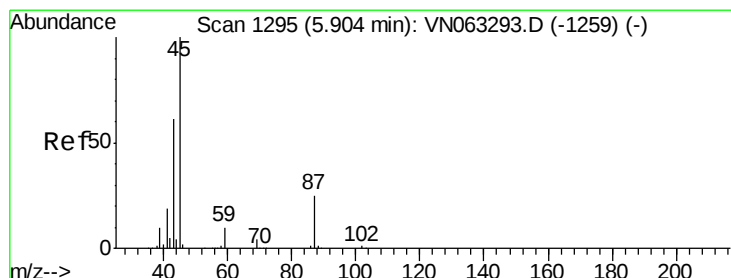
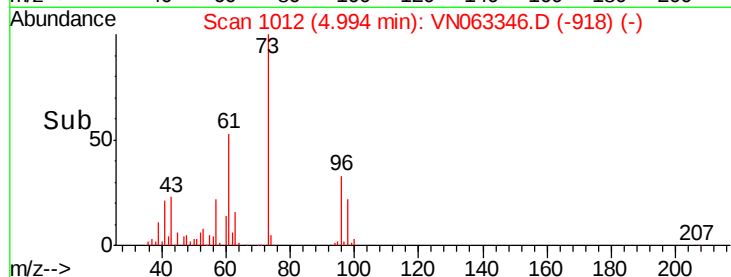
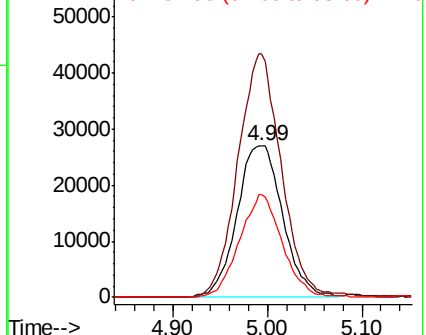


Abundance

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: 17.992 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Tgt Ion: 45 Resp: 343905

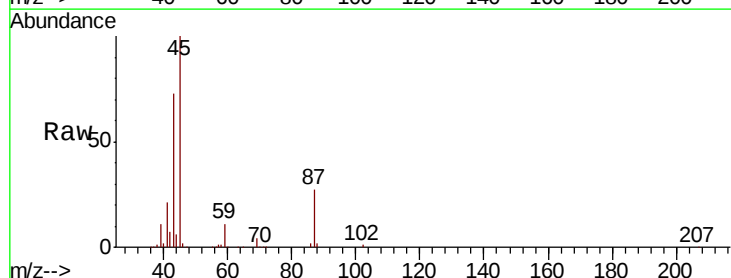
Ion Ratio Lower Upper

45 100

43 71.5 50.3 75.5

87 26.5 20.7 31.1

59 10.9 8.4 12.6



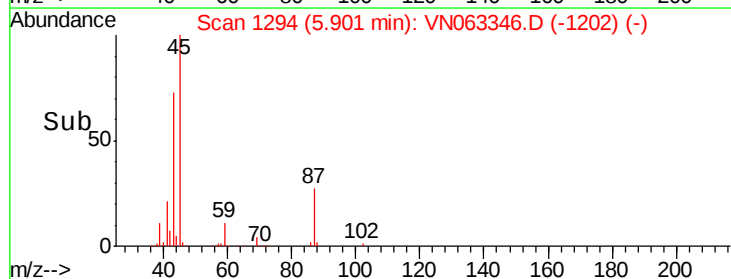
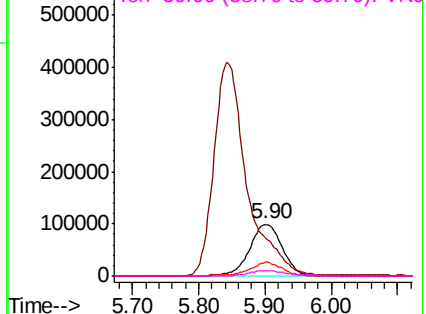
Abundance

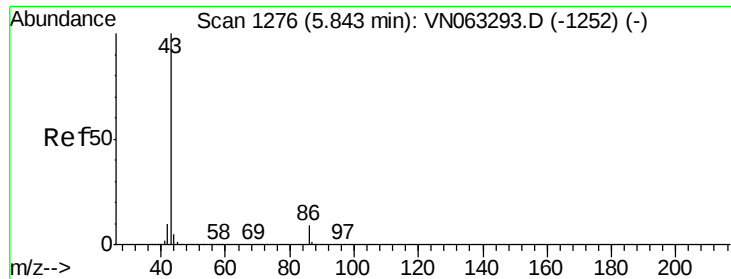
Ion 45.00 (44.70 to 45.70): VN0

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

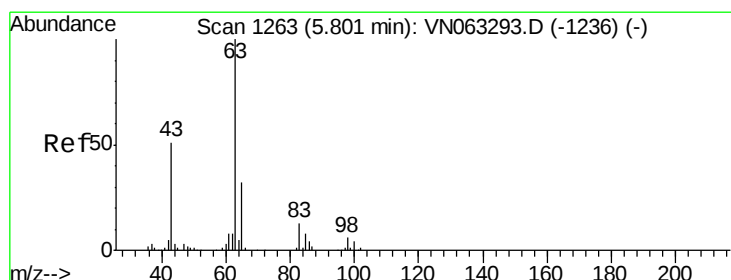
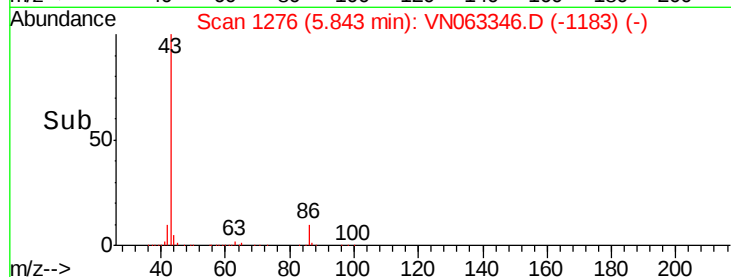
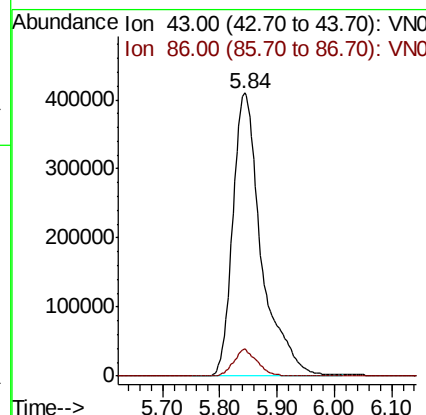
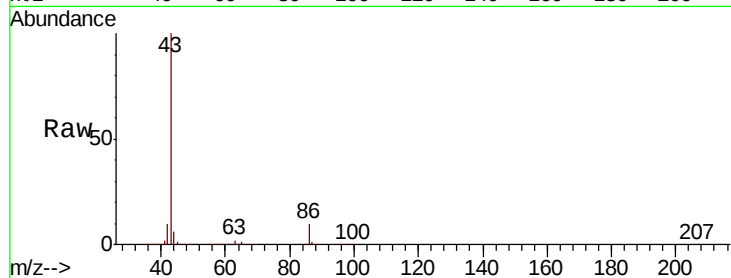




#23
 Vinyl Acetate
 Concen: 94.506 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

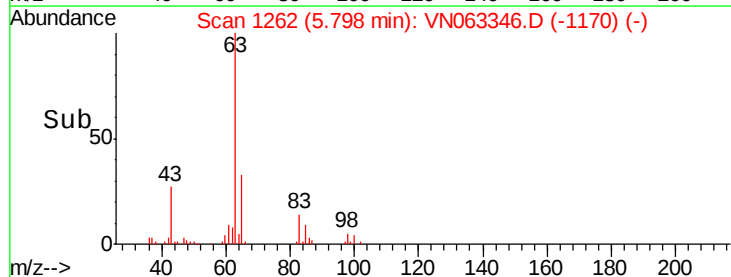
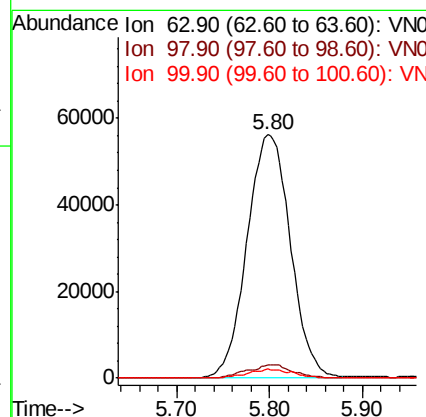
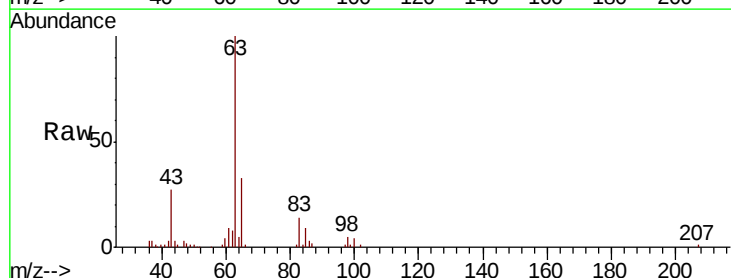
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0914MBSD01

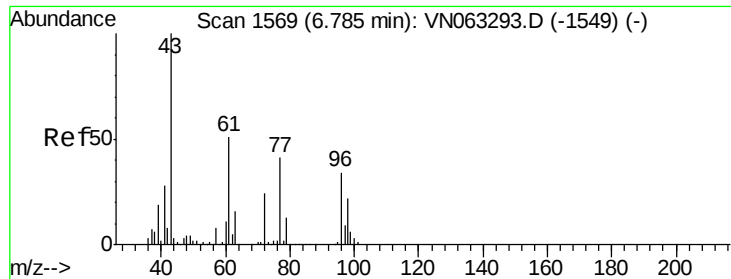
Tot Ion: 43 Resp: 1421853
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 17.664 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 63 Resp: 182837
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.1 9.3
 100 3.7 2.0 6.0

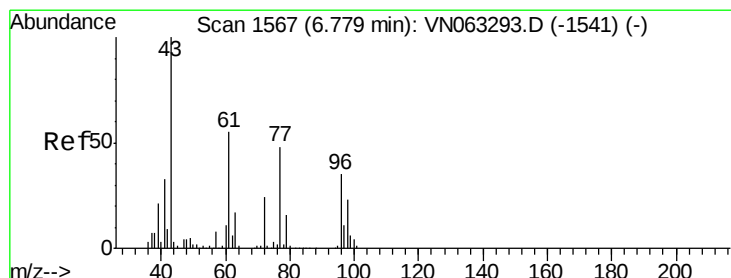
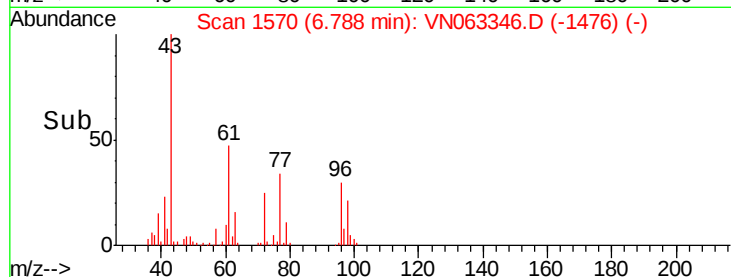
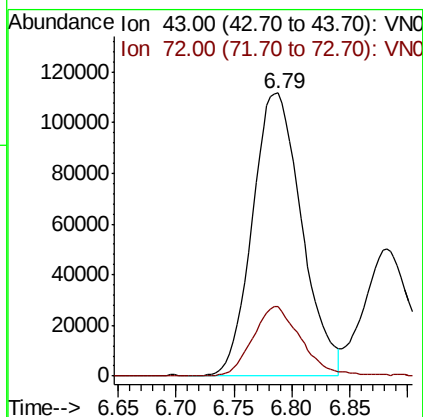
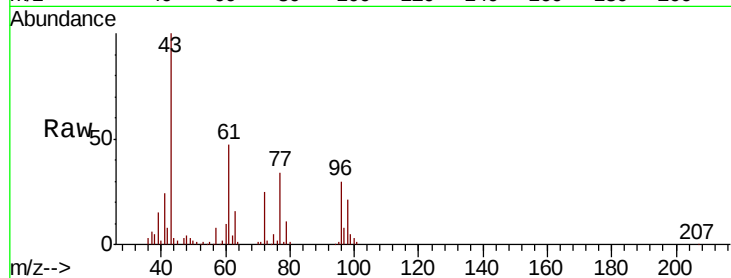




#25
2-Butanone
Concen: 94.882 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

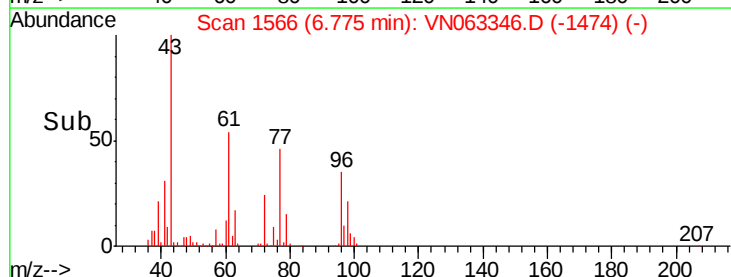
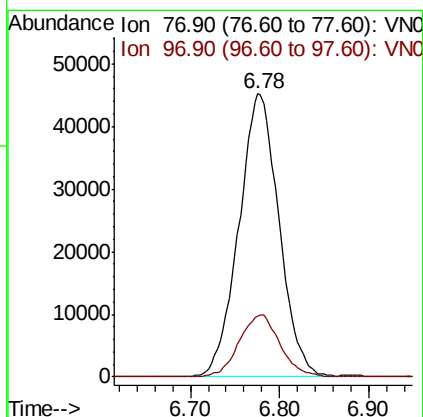
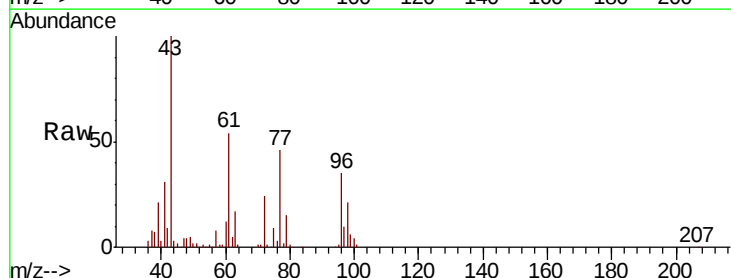
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

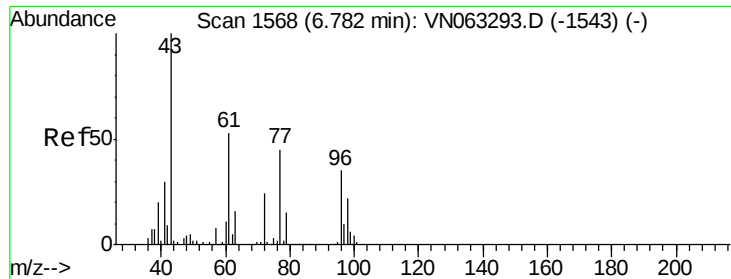
Tot Ion: 43 Resp: 328300
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 15.559 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 77 Resp: 141163
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 17.198 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

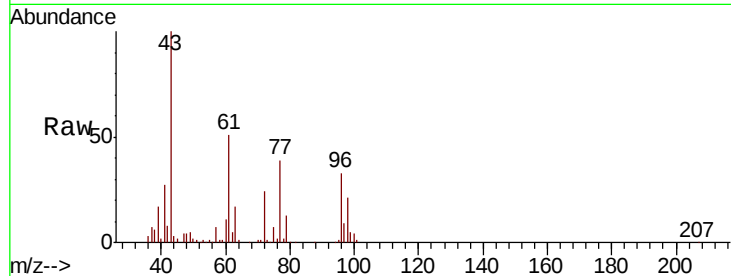
Tot Ion: 96 Resp: 106123

Ion Ratio Lower Upper

96 100

61 155.8 0.0 322.8

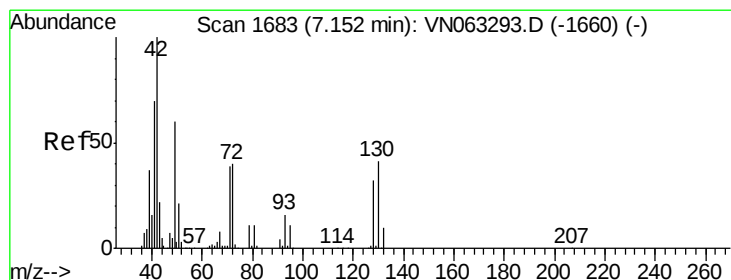
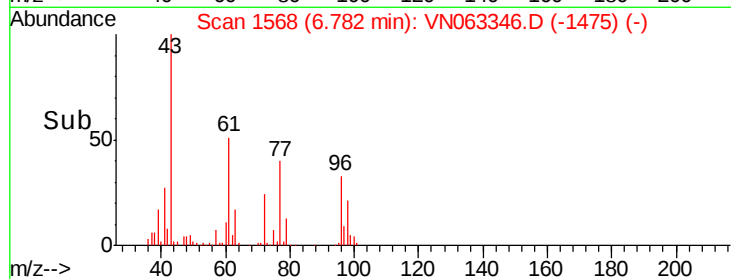
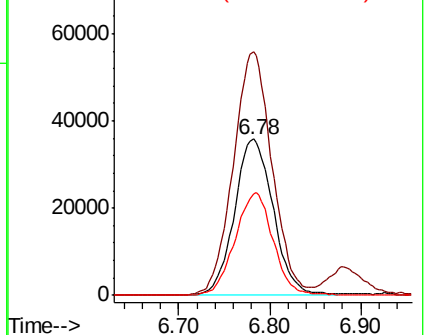
98 64.6 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.183 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

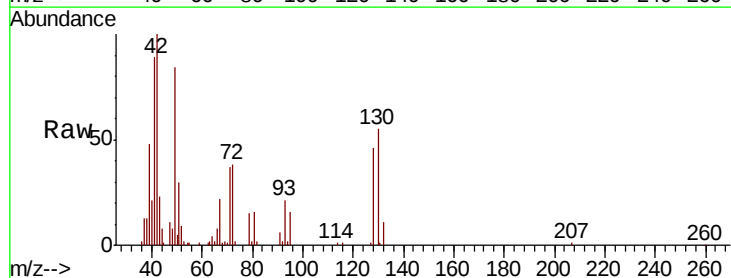
Tgt Ion: 49 Resp: 91264

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.4

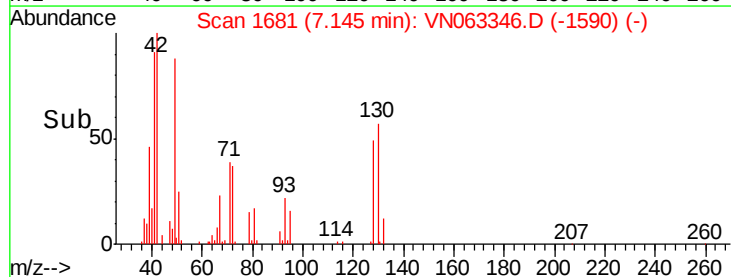
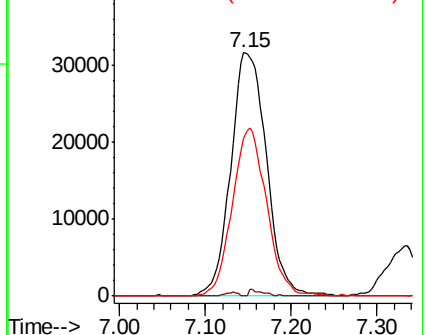
130 66.3 53.1 79.7

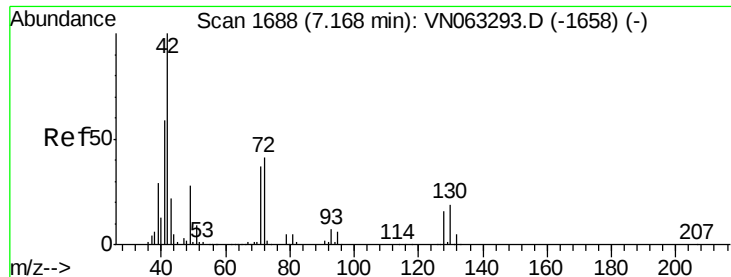


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 95.295 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

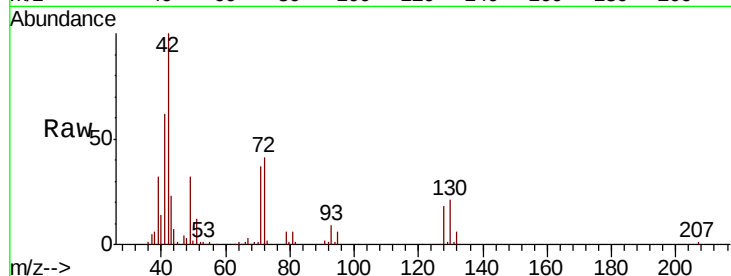
Tot Ion: 42 Resp: 214701

Ion Ratio Lower Upper

42 100

72 41.1 31.4 47.2

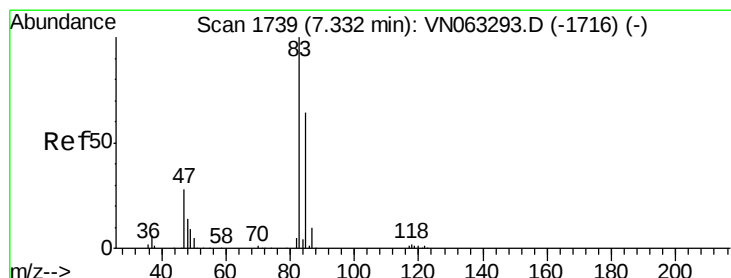
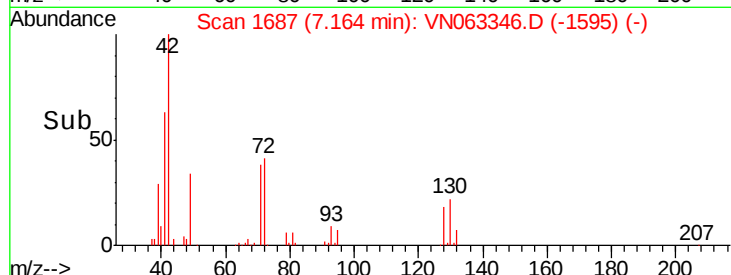
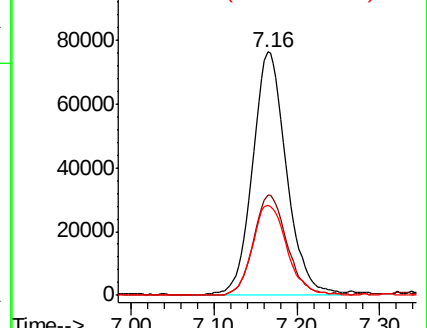
71 38.2 30.0 45.0



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: 17.954 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VN063346.D

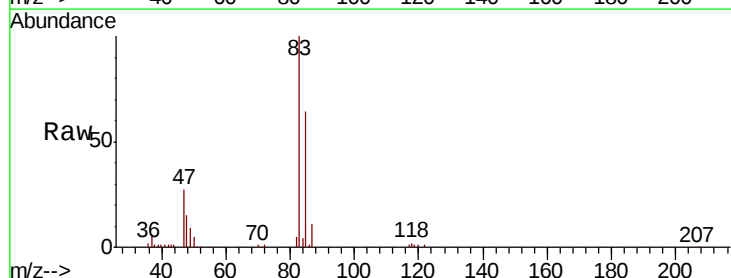
Acq: 14 Sep 2020 16:31

Tgt Ion: 83 Resp: 186077

Ion Ratio Lower Upper

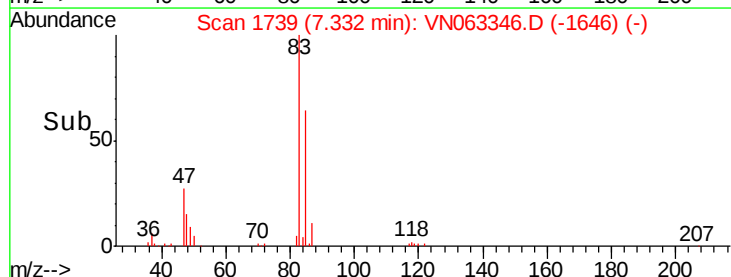
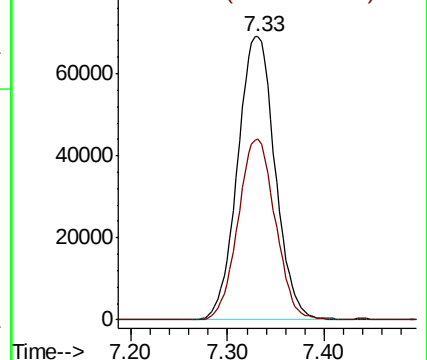
83 100

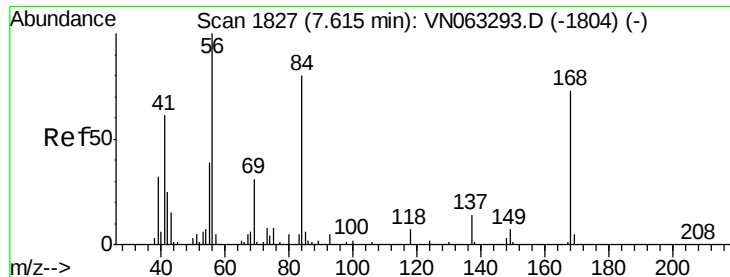
85 63.9 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.114 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

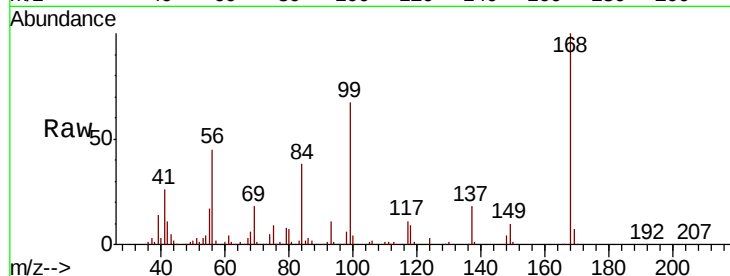
Tot Ion: 56 Resp: 162823

Ion Ratio Lower Upper

56 100

69 39.2 25.1 37.7#

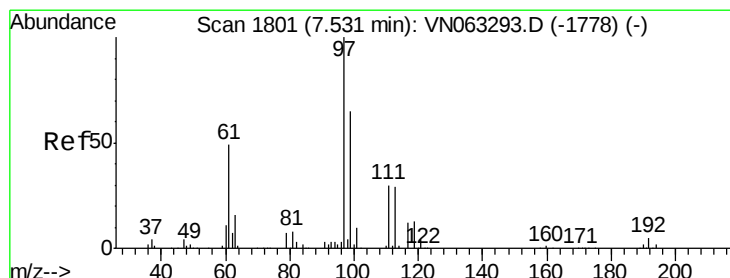
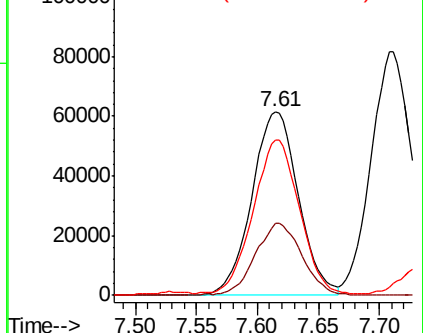
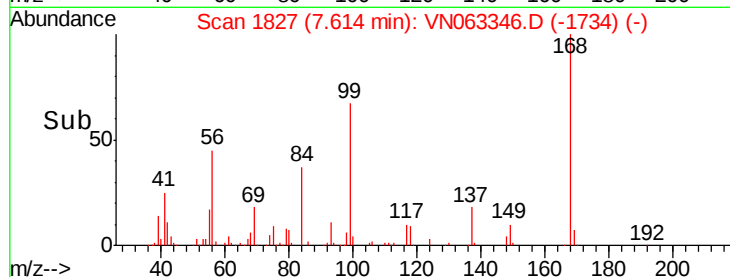
84 83.6 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.230 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

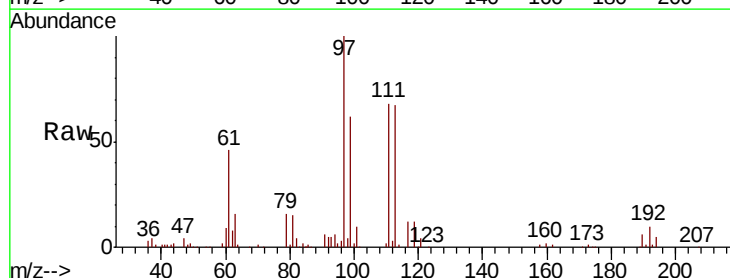
Tgt Ion: 97 Resp: 155669

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

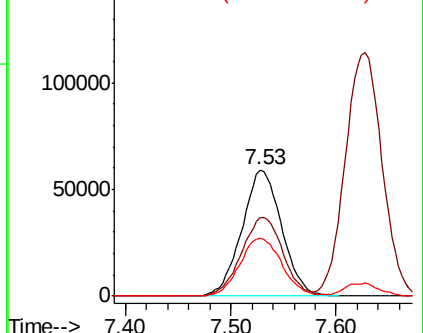
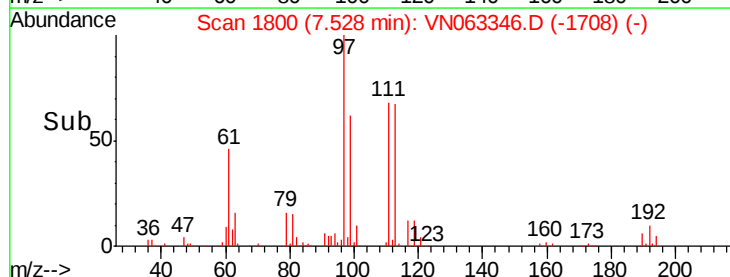
61 48.6 38.9 58.3

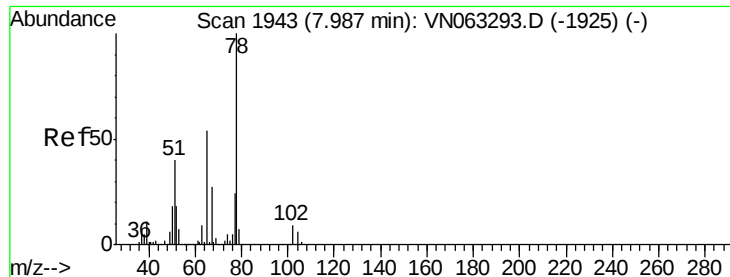


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.003 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

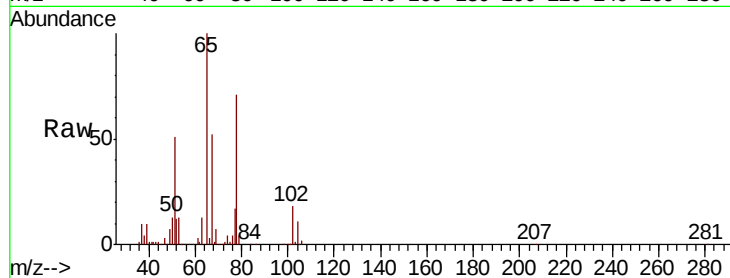
VN0914MBSD01

Tot Ion: 65 Resp: 325626

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

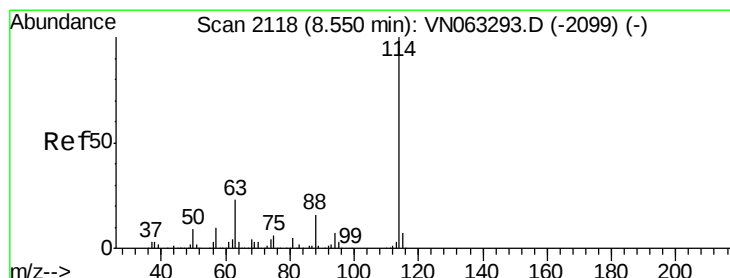
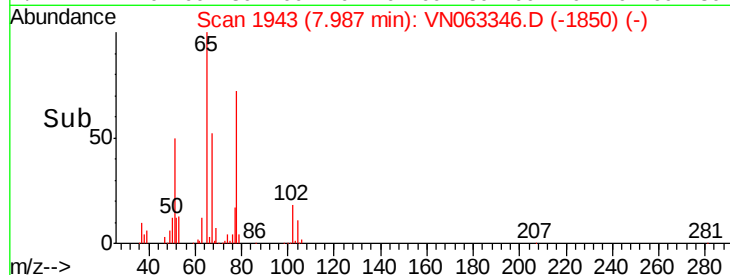
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

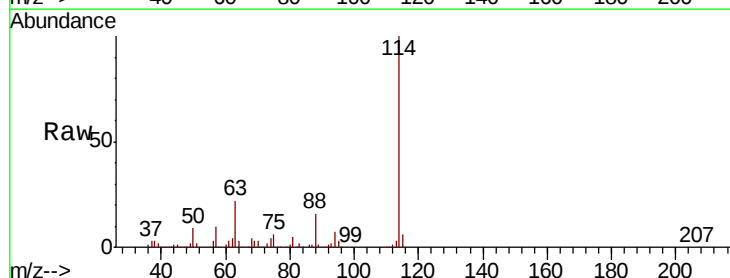
Tgt Ion: 114 Resp: 780598

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.0

88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

500000

400000

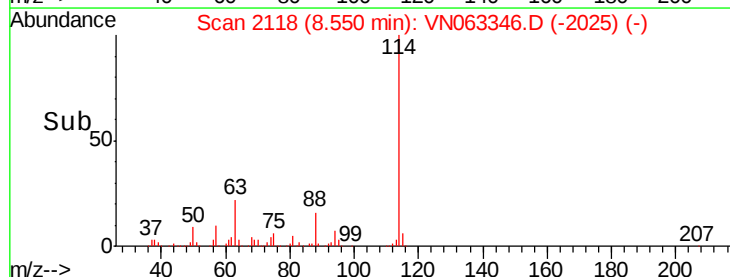
300000

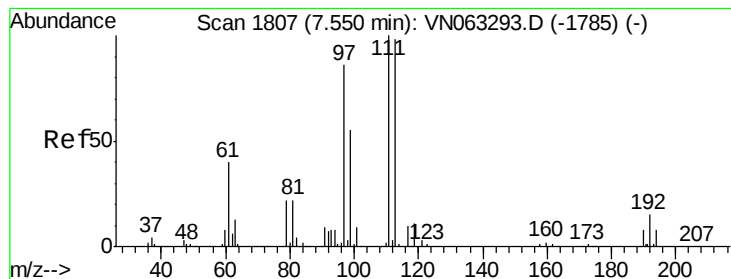
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.143 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

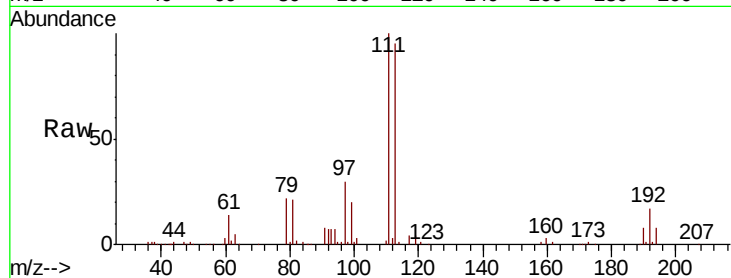
Tot Ion:113 Resp: 237405

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

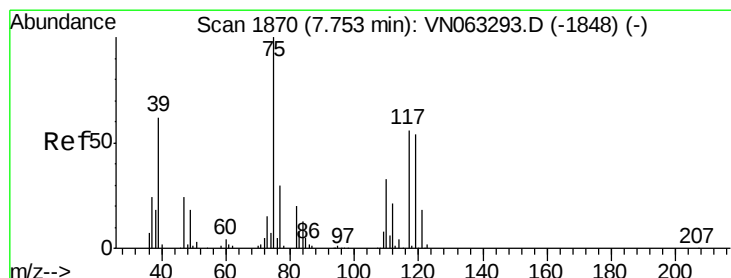
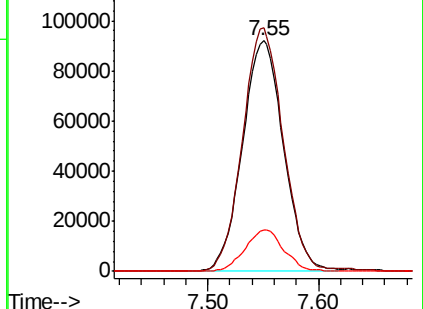
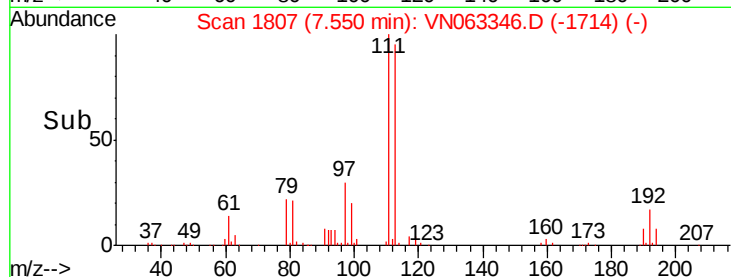
192 17.1 12.9 19.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.567 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

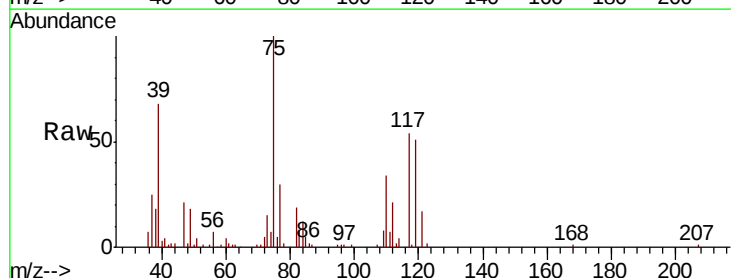
Tgt Ion: 75 Resp: 132926

Ion Ratio Lower Upper

75 100

110 33.2 16.4 49.4

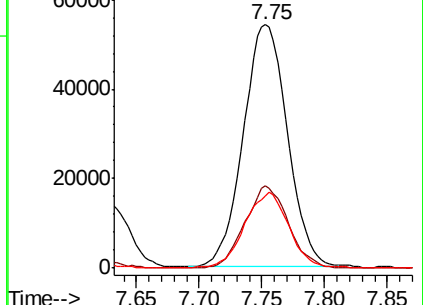
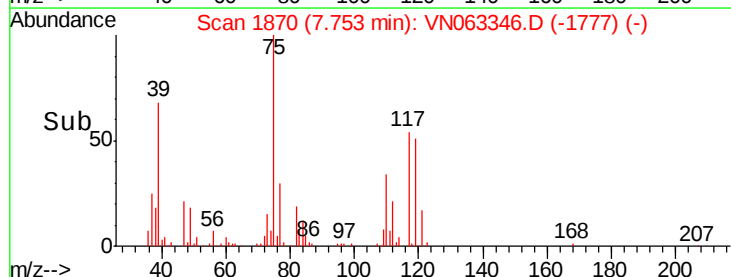
77 31.2 24.8 37.2

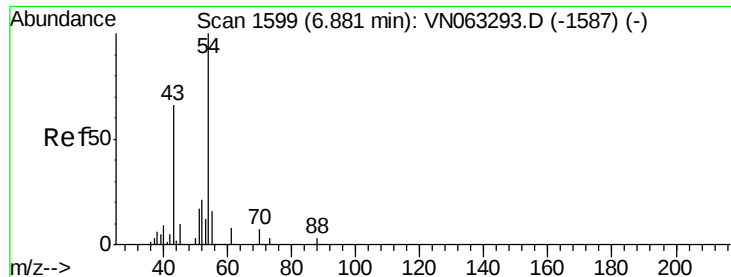


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

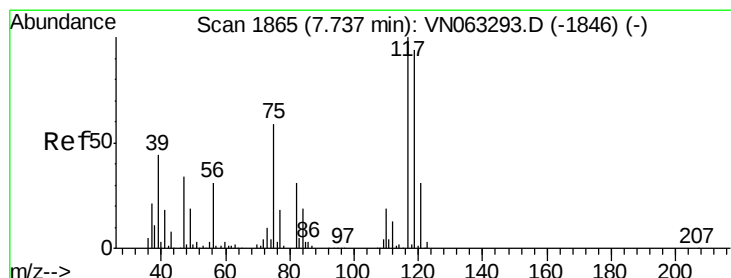
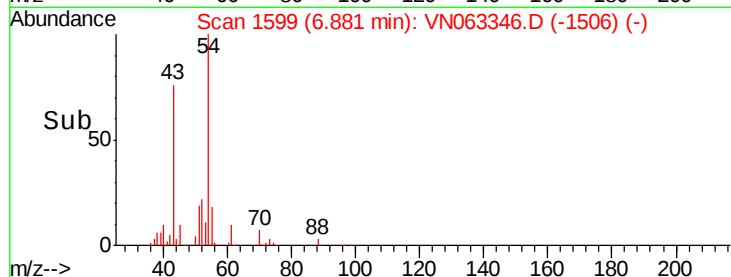
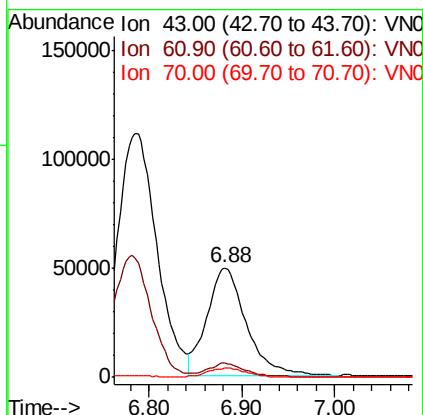
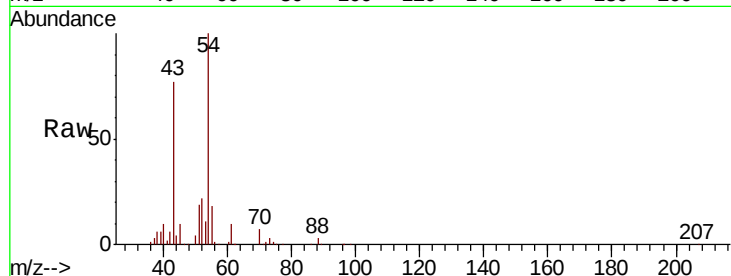




#37
Ethyl Acetate
Concen: 18.624 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

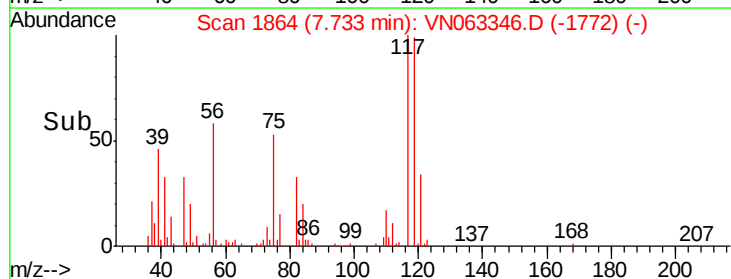
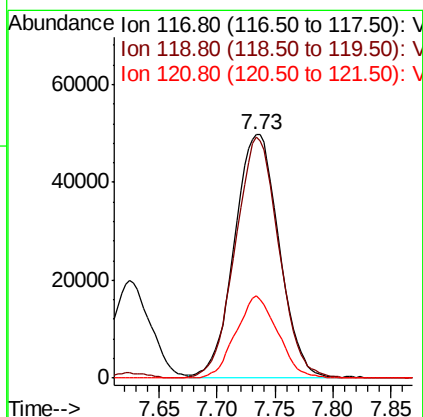
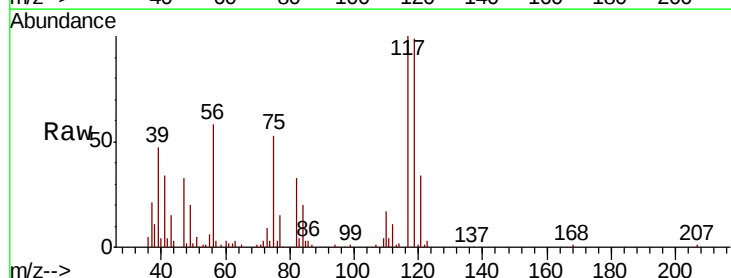
Instrument :
MSVOA_N
ClientSampled :
VN0914MBSD01

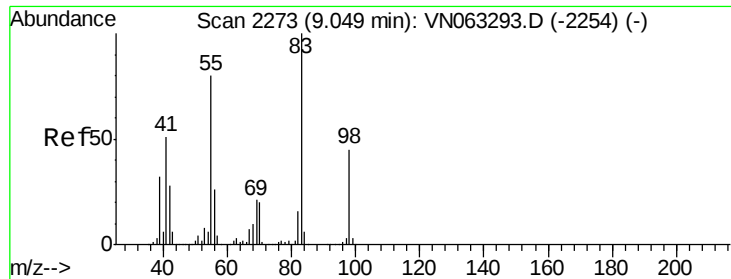
Tot Ion: 43 Resp: 147011
Ion Ratio Lower Upper
43 100
61 11.1 10.1 15.1
70 8.8 7.4 11.2



#38
Carbon Tetrachloride
Concen: 16.773 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 117 Resp: 132451
Ion Ratio Lower Upper
117 100
119 98.9 75.3 112.9
121 33.7 24.6 37.0

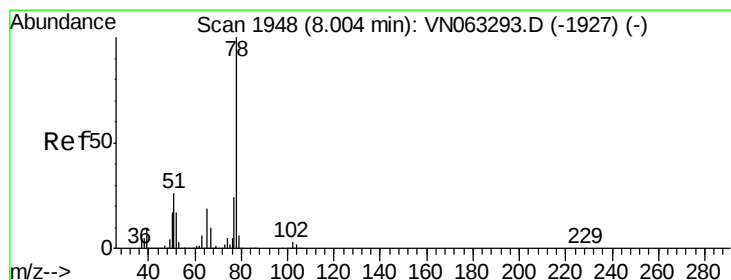
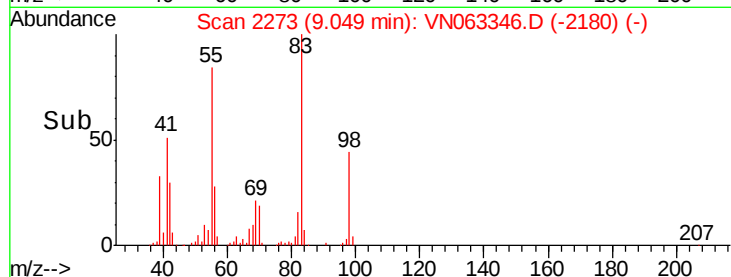
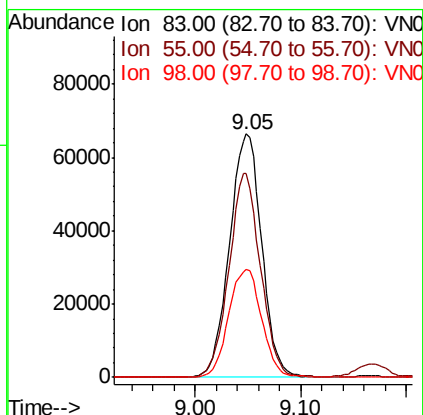
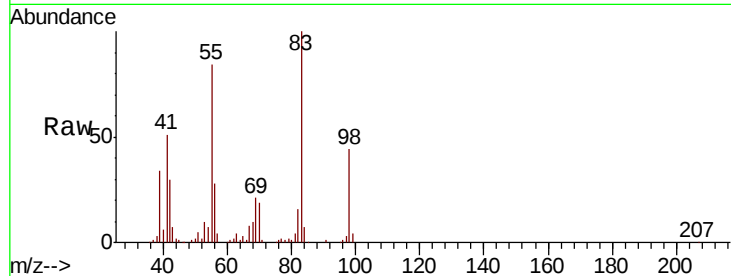




#39
Methvlcvclohexane
Concen: 16.053 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

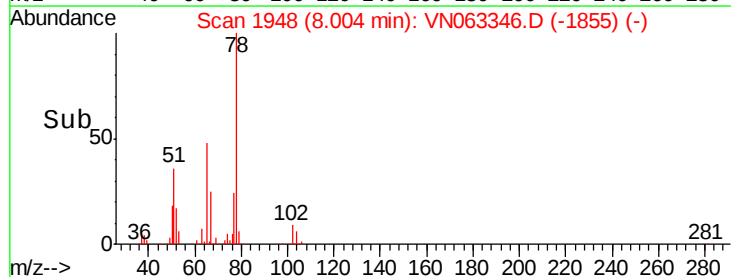
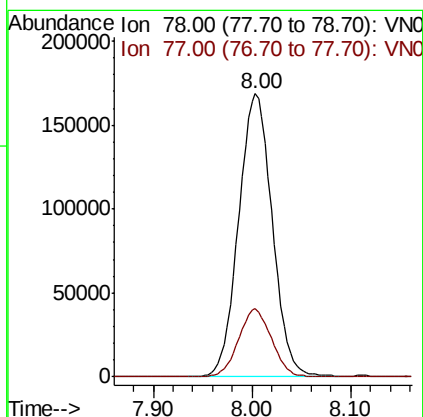
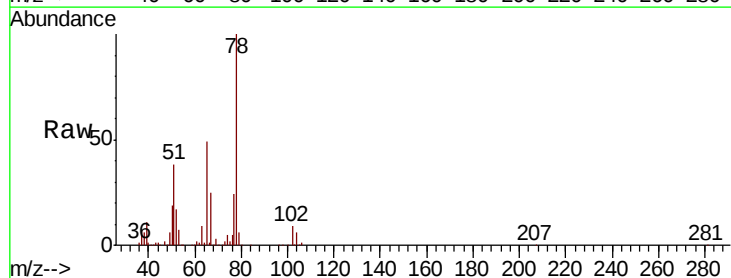
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

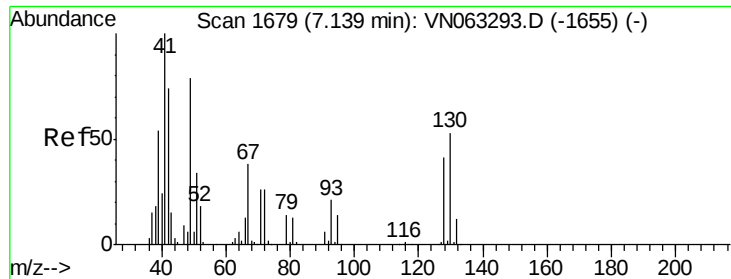
Tot Ion: 83 Resp: 140518
Ion Ratio Lower Upper
83 100
55 83.4 64.0 96.0
98 44.3 36.4 54.6



#40
Benzene
Concen: 17.398 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 78 Resp: 398709
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

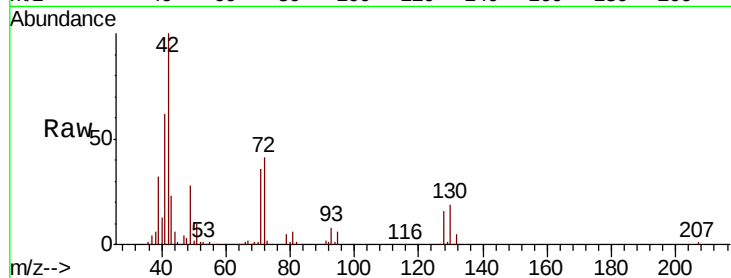




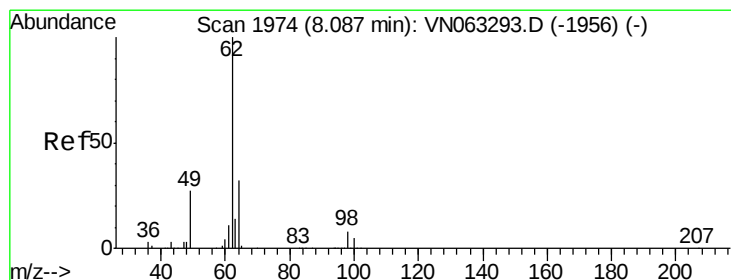
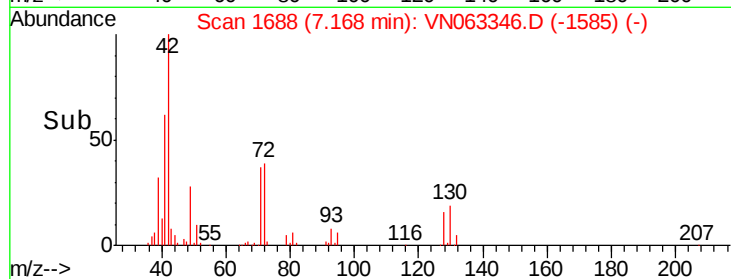
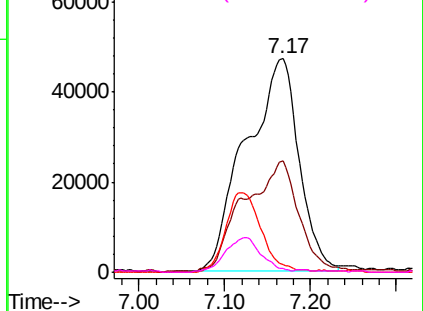
#41
Methacrylonitrile
Concen: 56.899 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Instrument :
MSVOA_N
ClientSampled :
VN0914MBSD01

Tot Ion:	41	Resp:	203162
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

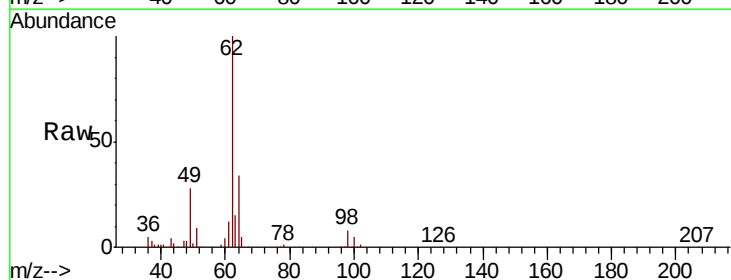


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

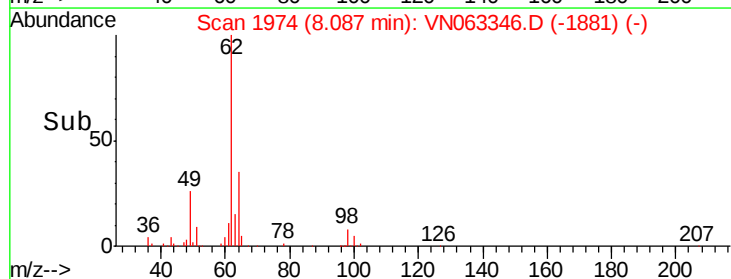
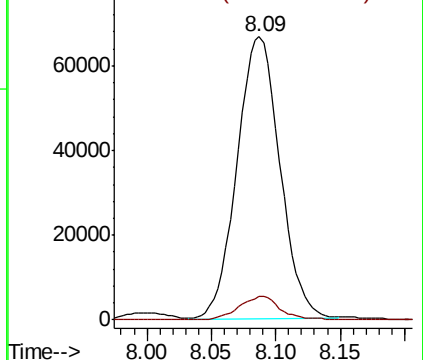


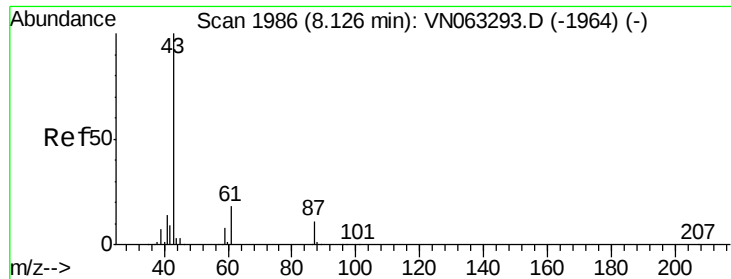
#42
1,2-Dichloroethane
Concen: 17.726 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion:	62	Resp:	154130
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.218 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

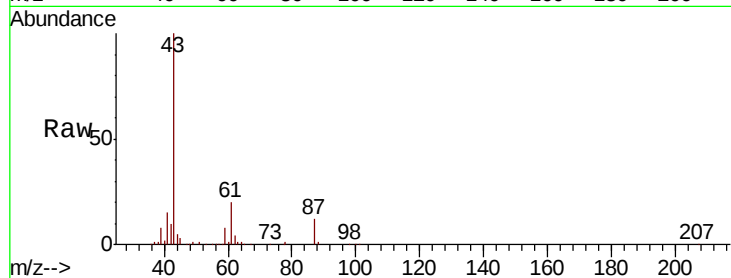
Tot Ion: 43 Resp: 243532

Ion Ratio Lower Upper

43 100

61 24.8 15.1 22.7#

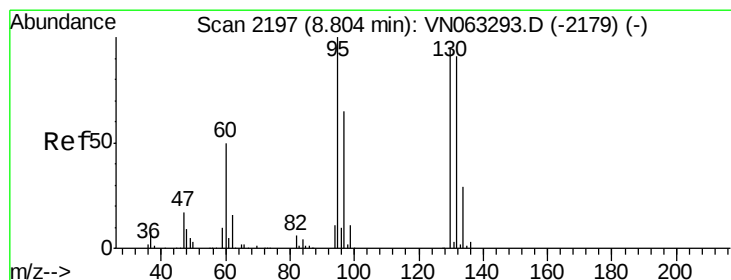
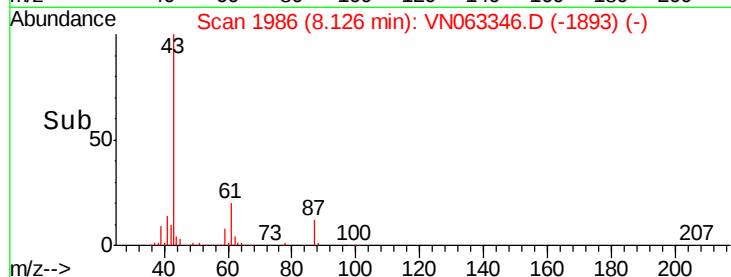
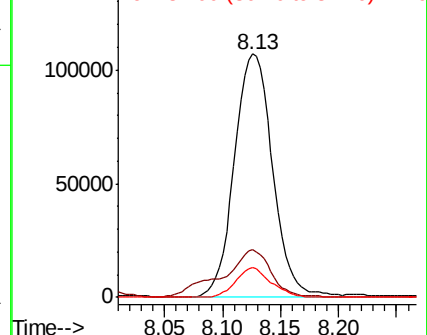
87 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 17.074 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063346.D

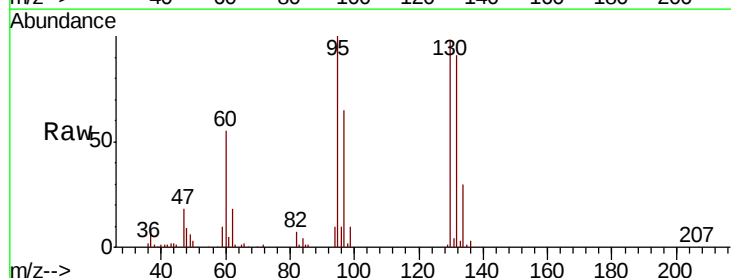
Acq: 14 Sep 2020 16:31

Tgt Ion: 130 Resp: 102331

Ion Ratio Lower Upper

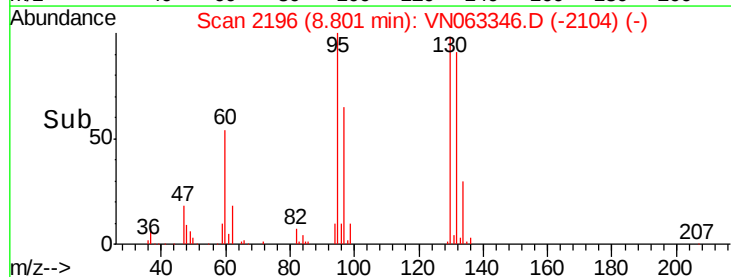
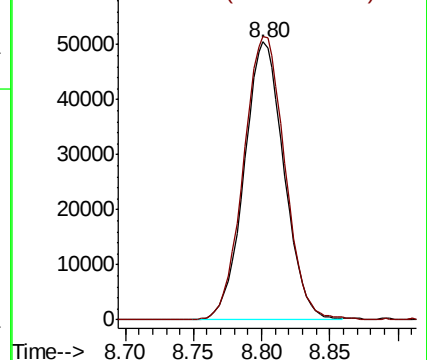
130 100

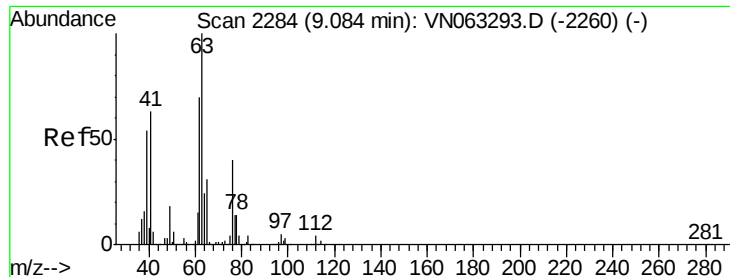
95 101.9 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

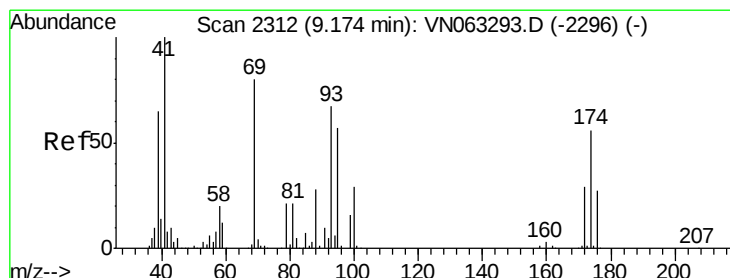
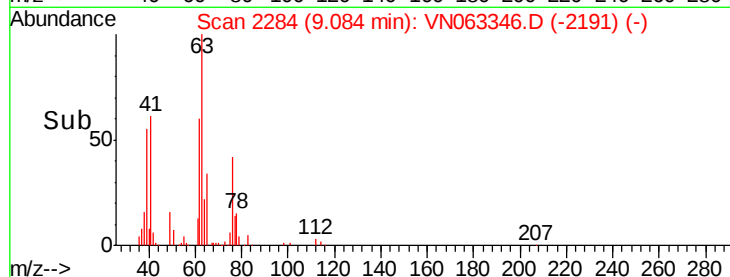
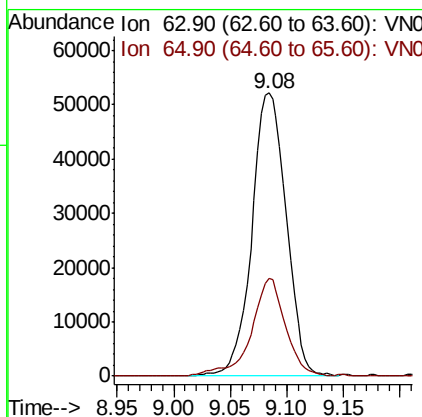
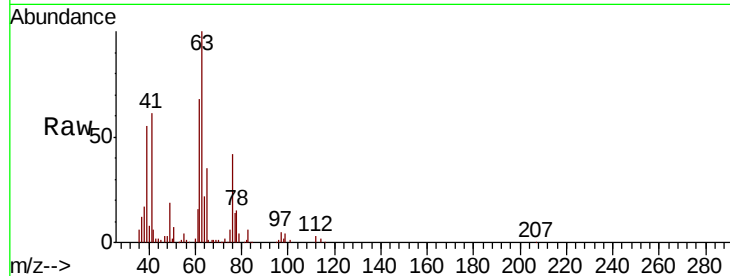




#45
 1,2-Dichloropropane
 Concen: 17.548 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

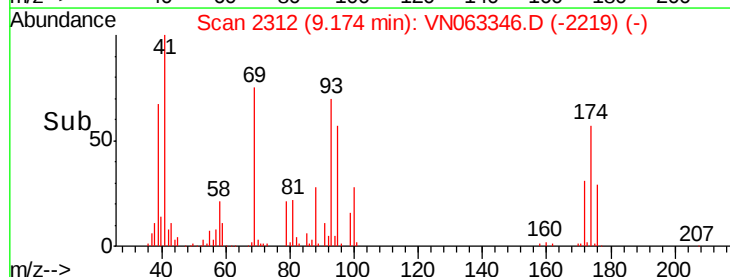
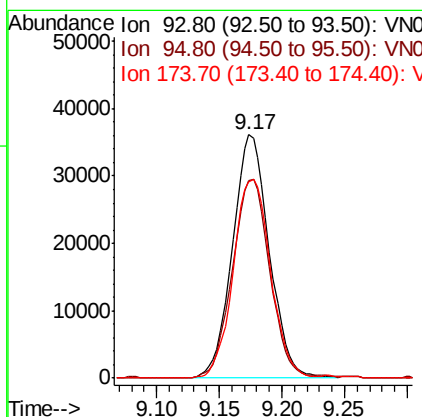
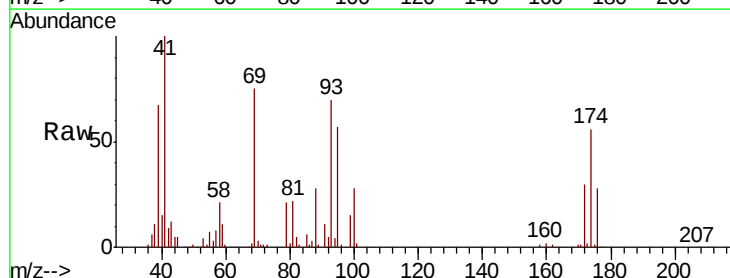
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

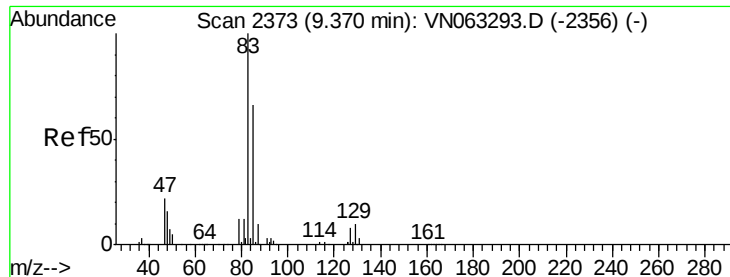
Tot Ion: 63 Resp: 110306
 Ion Ratio Lower Upper
 63 100
 65 34.7 24.6 36.8



#46
 Dibromomethane
 Concen: 17.987 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 93 Resp: 73319
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.9 101.9
 174 83.5 66.9 100.3





#47

Bromodichloromethane

Concen: 17.448 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

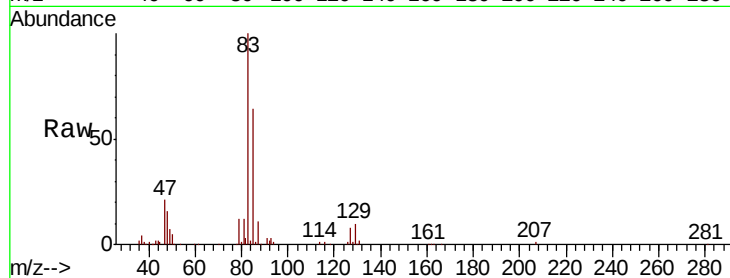
Tot Ion: 83 Resp: 148220

Ion Ratio Lower Upper

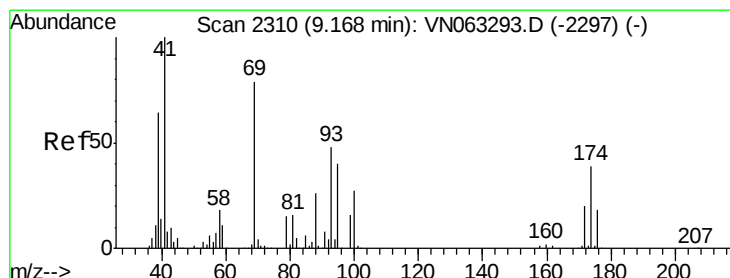
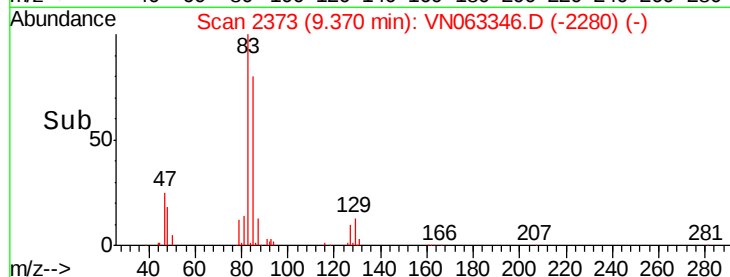
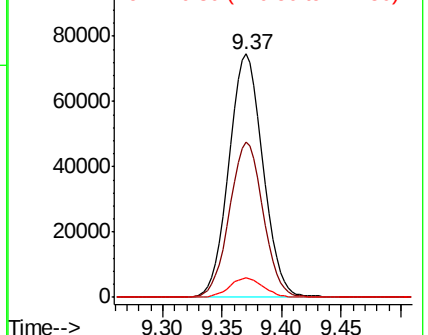
83 100

85 63.8 52.5 78.7

127 7.8 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: 18.006 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

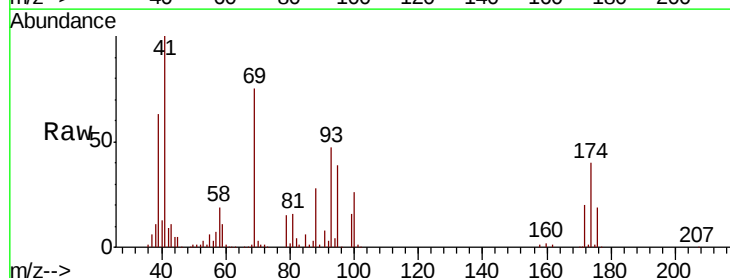
Tgt Ion: 41 Resp: 114855

Ion Ratio Lower Upper

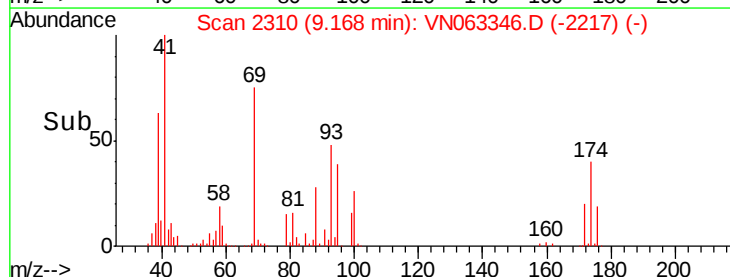
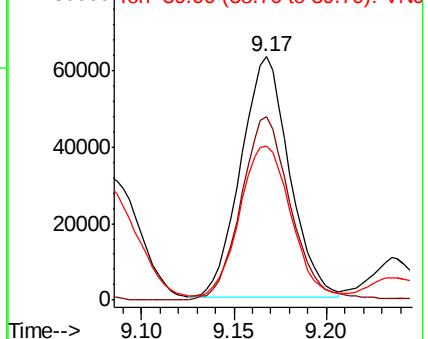
41 100

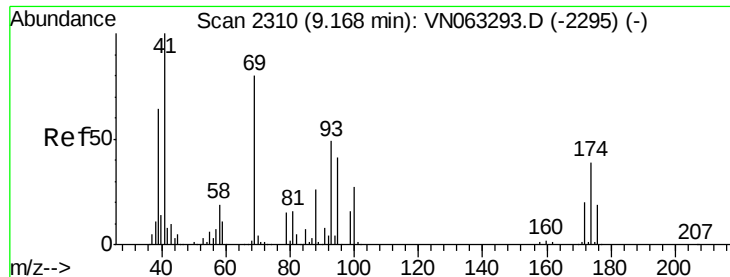
69 78.4 63.6 95.4

39 67.7 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

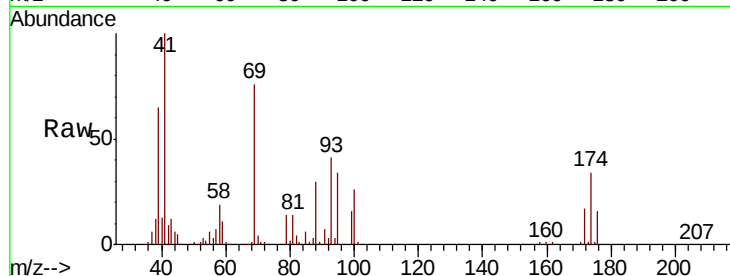




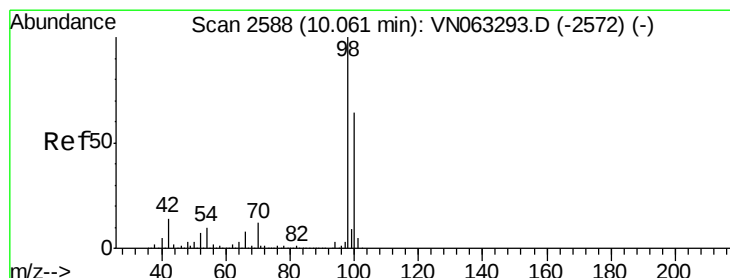
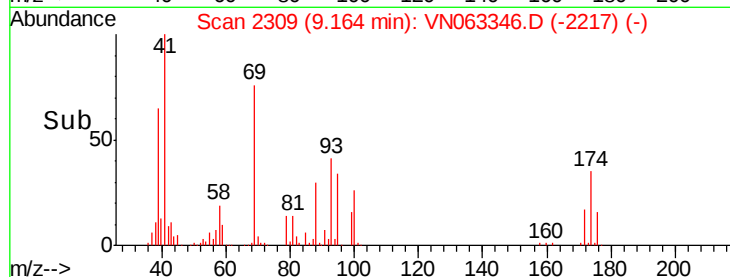
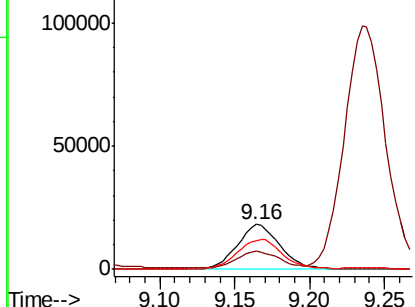
#49
1,4-Dioxane
Concen: 367.835 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

Tot Ion: 88 Resp: 36327
Ion Ratio Lower Upper
88 100
43 37.2 30.5 45.7
58 71.3 58.9 88.3

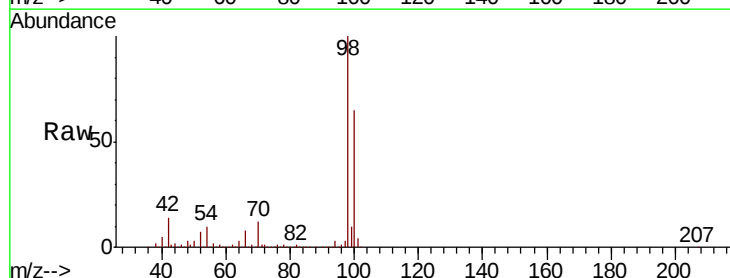


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

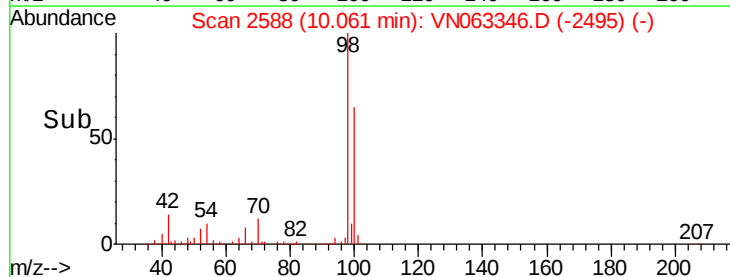
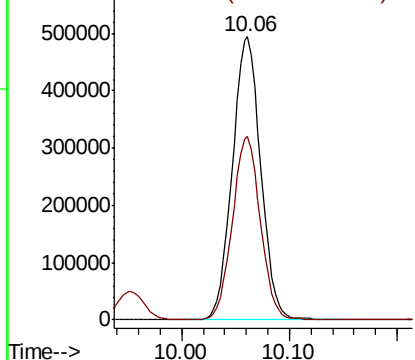


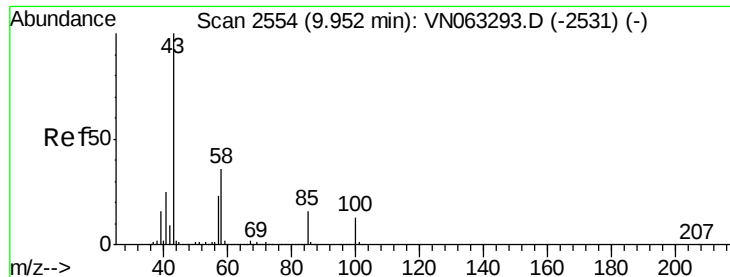
#50
Toluene-d8
Concen: 47.029 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 98 Resp: 907592
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



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

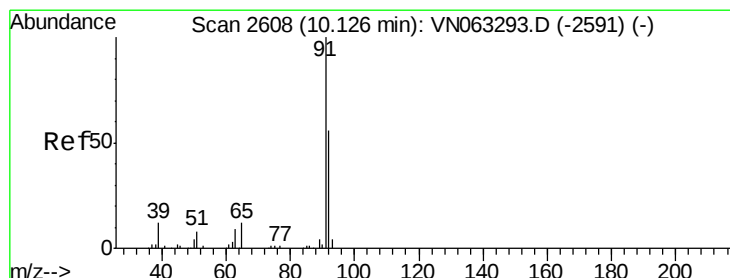
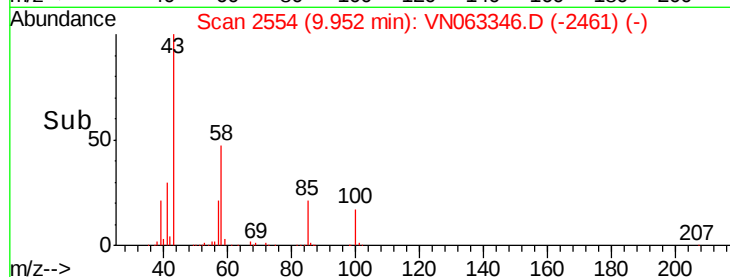
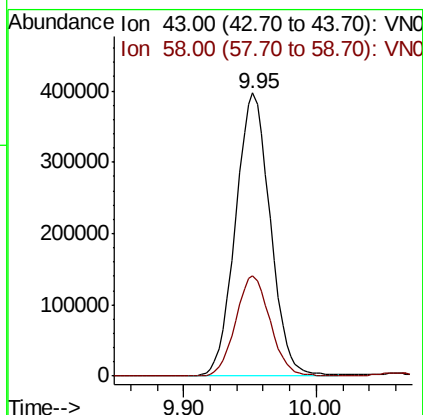
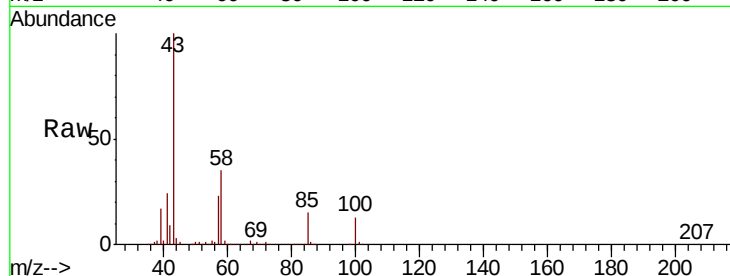




#51
4-Methyl-2-Pentanone
Concen: 97.522 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

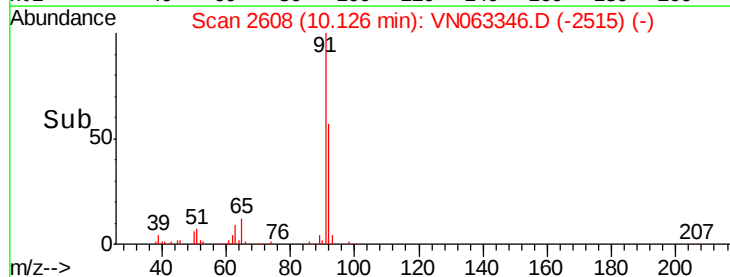
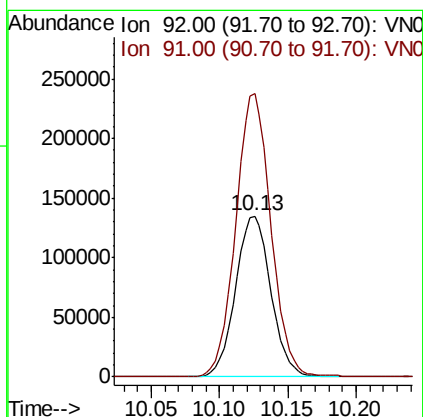
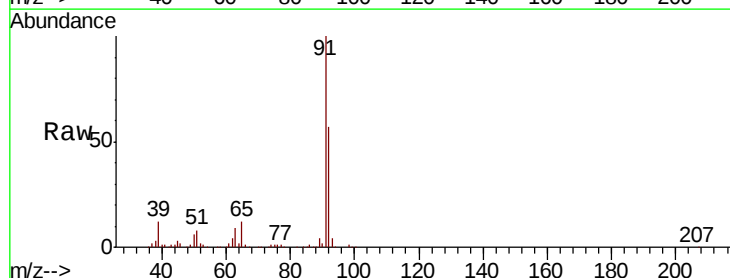
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

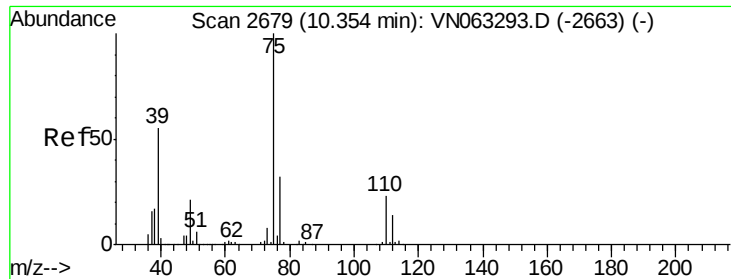
Tot Ion: 43 Resp: 718455
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4



#52
Toluene
Concen: 17.367 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 92 Resp: 242995
Ion Ratio Lower Upper
92 100
91 174.5 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 16.973 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

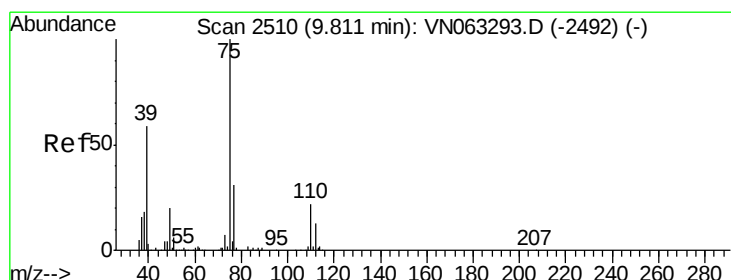
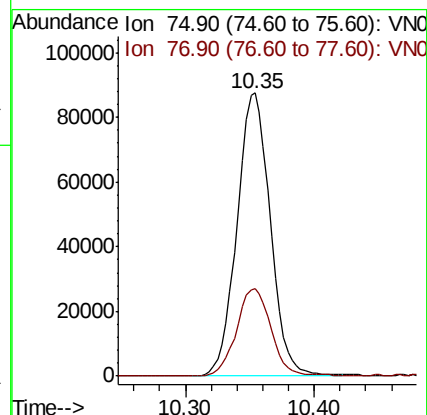
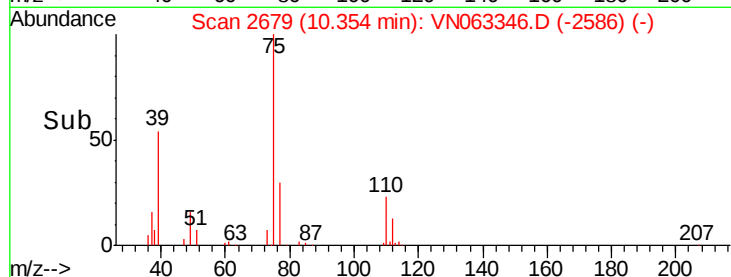
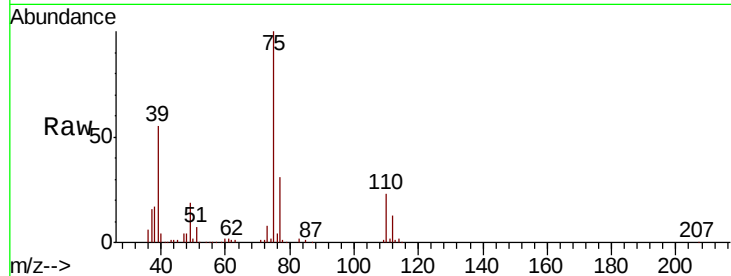
VN0914MBSD01

Tot Ion: 75 Resp: 157229

Ion Ratio Lower Upper

75 100

77 30.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 16.823 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

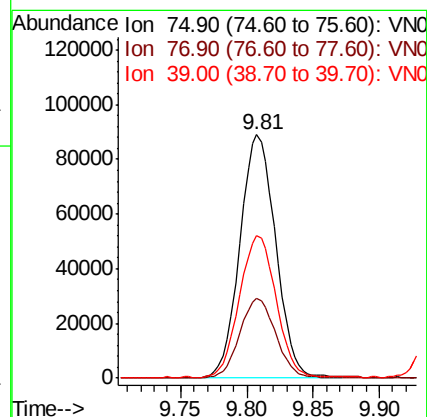
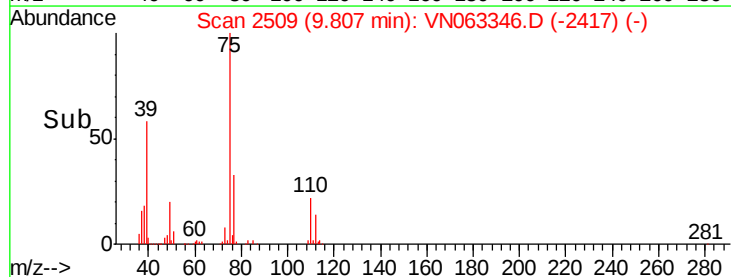
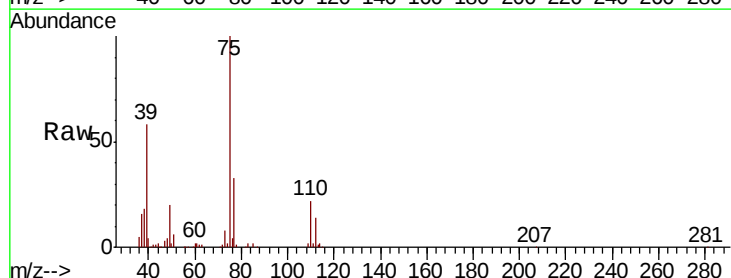
Tgt Ion: 75 Resp: 167787

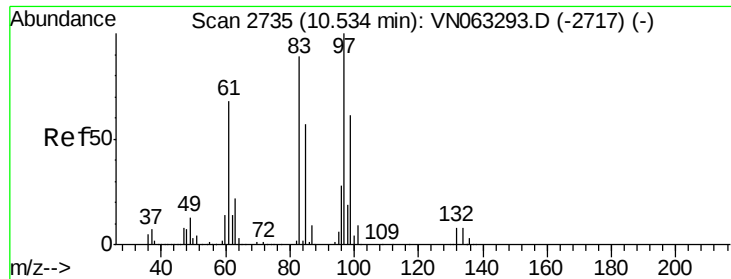
Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1

39 58.0 47.2 70.8

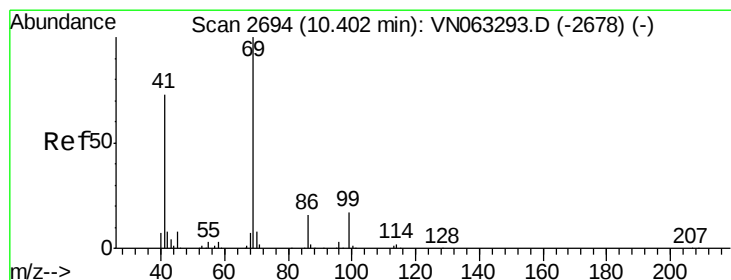
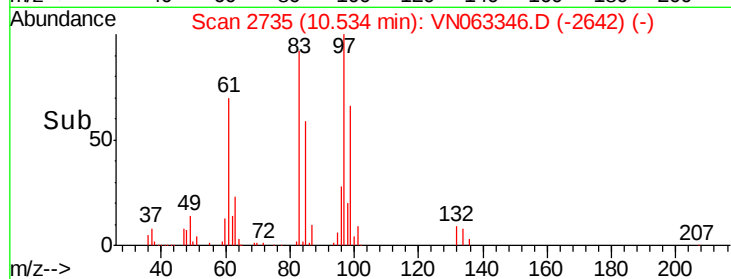
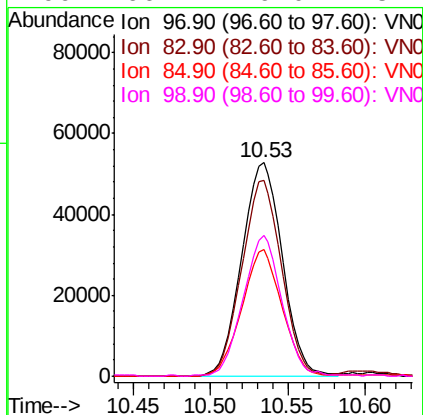
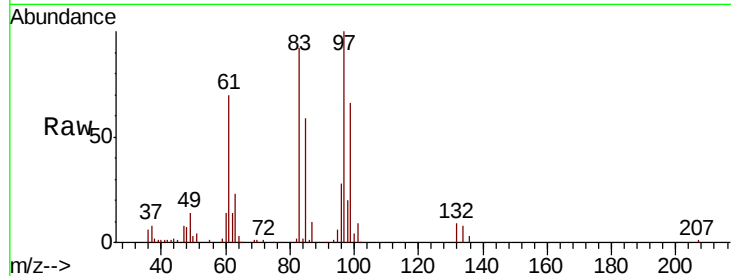




#55
 1,1,2-Trichloroethane
 Concen: 17.676 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

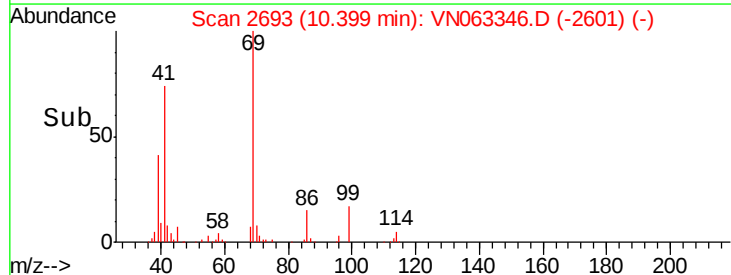
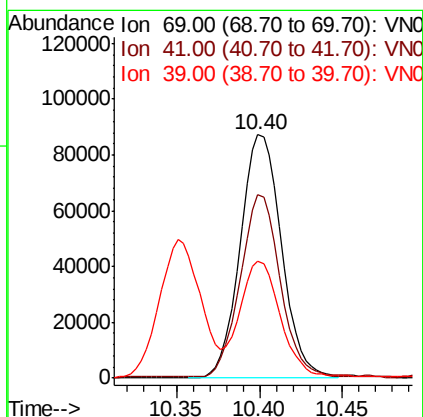
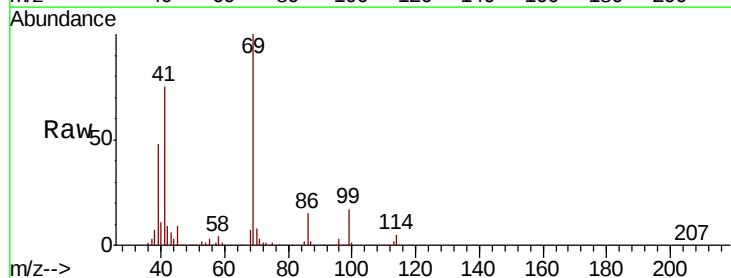
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

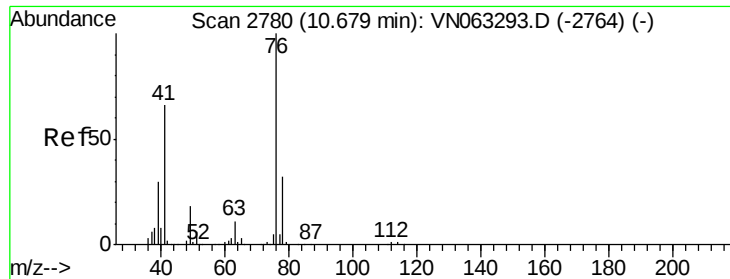
Tot Ion: 97 Resp: 96912
 Ion Ratio Lower Upper
 97 100
 83 91.7 70.8 106.2
 85 59.1 45.6 68.4
 99 66.1 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 18.158 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 69 Resp: 151398
 Ion Ratio Lower Upper
 69 100
 41 72.1 58.4 87.6
 39 47.3 38.6 58.0

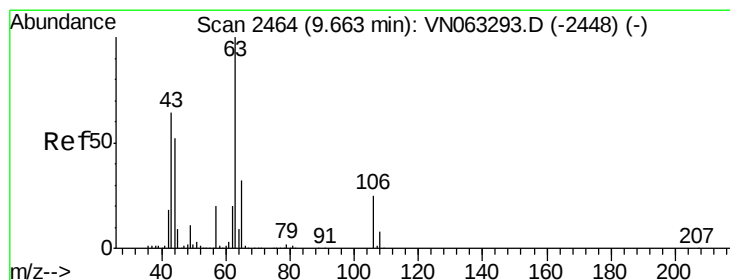
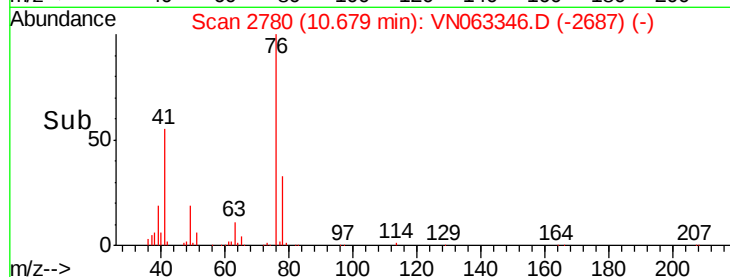
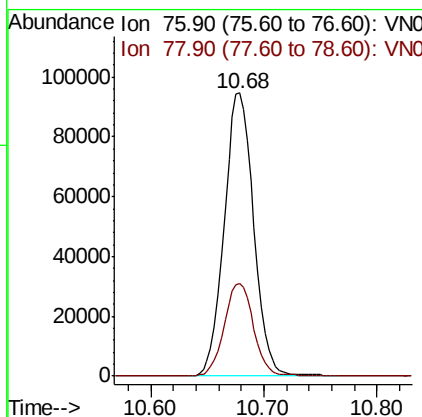
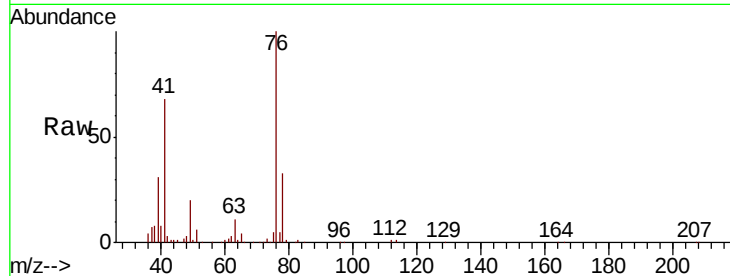




#57
 1,3-Dichloropropane
 Concen: 17.884 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

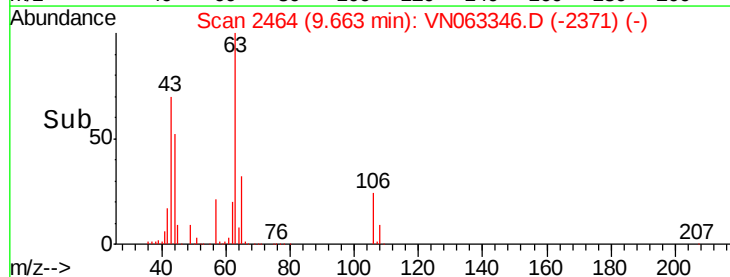
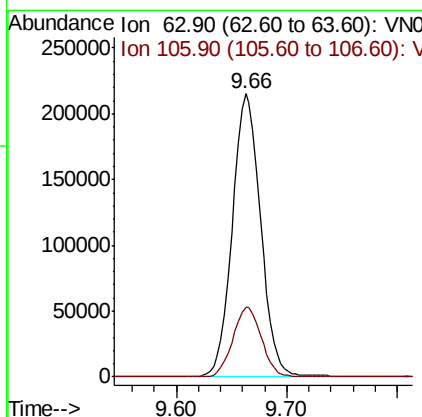
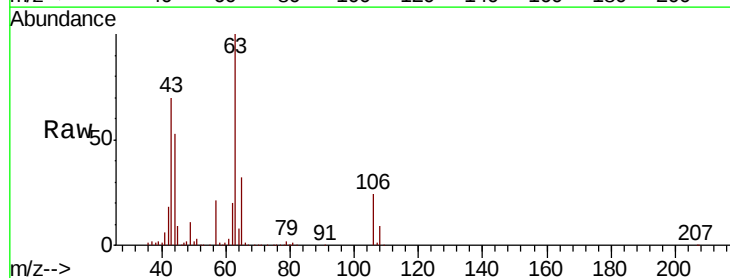
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

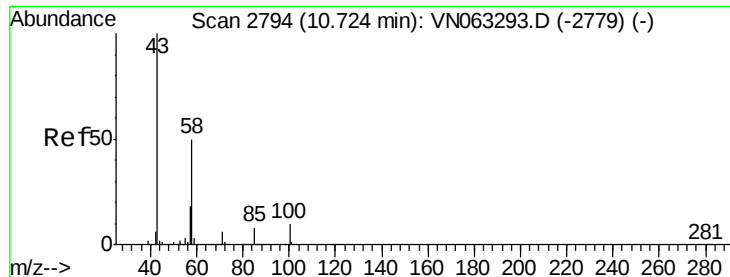
Tot Ion: 76 Resp: 171344
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.635 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 63 Resp: 382981
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.2 30.4

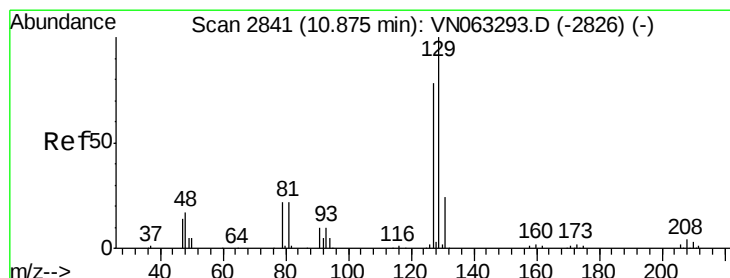
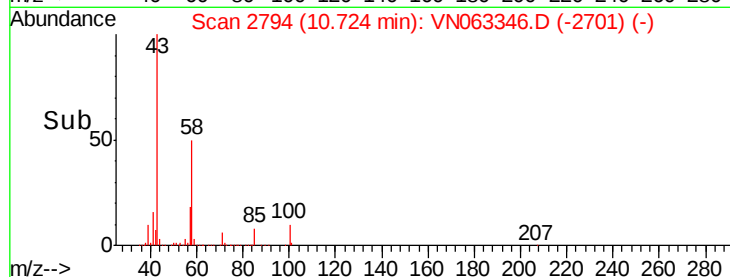
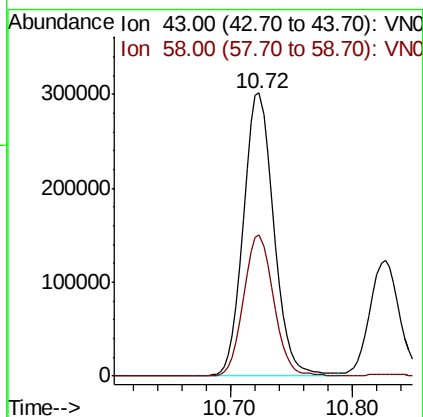
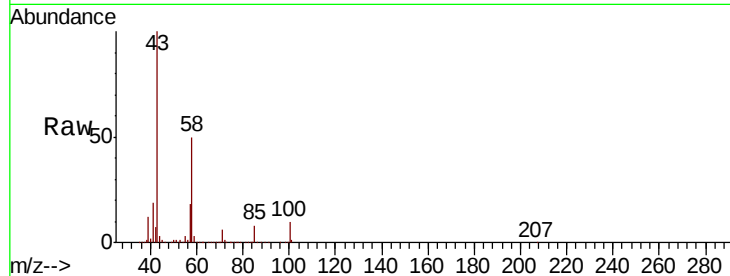




#59
2-Hexanone
Concen: 94.447 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

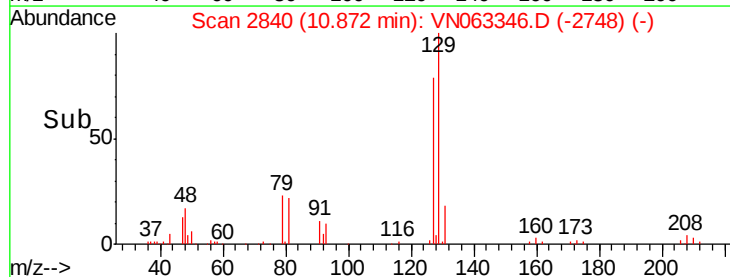
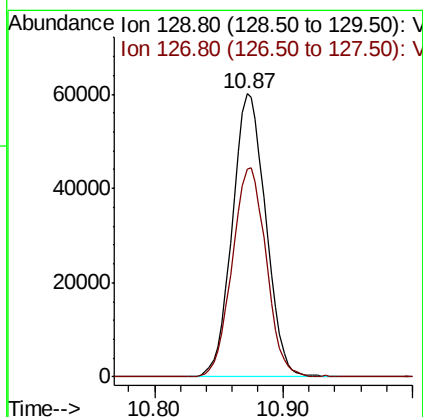
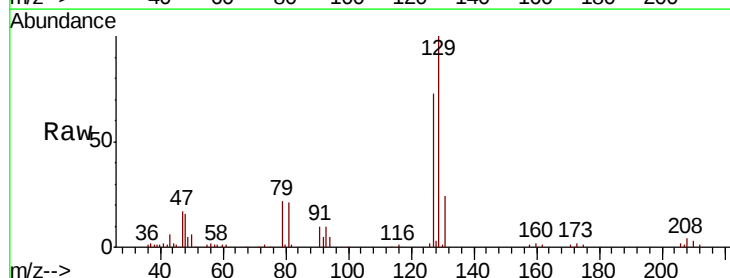
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

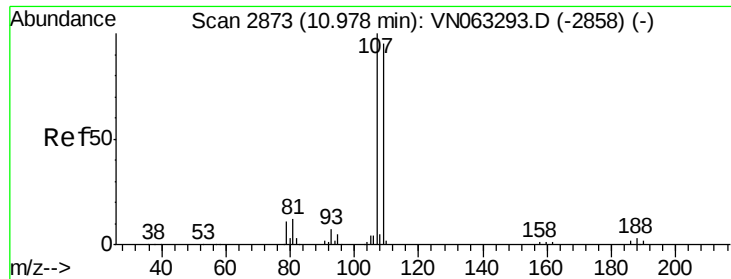
Tot Ion: 43 Resp: 513159
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 17.973 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 129 Resp: 108210
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0

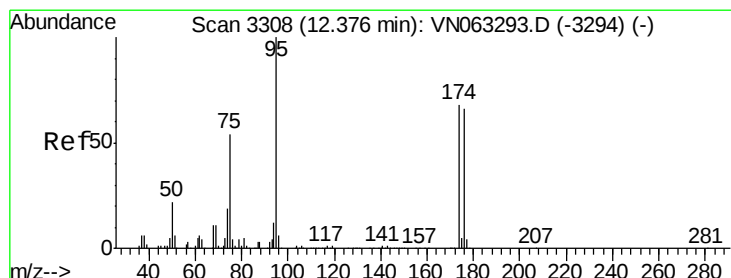
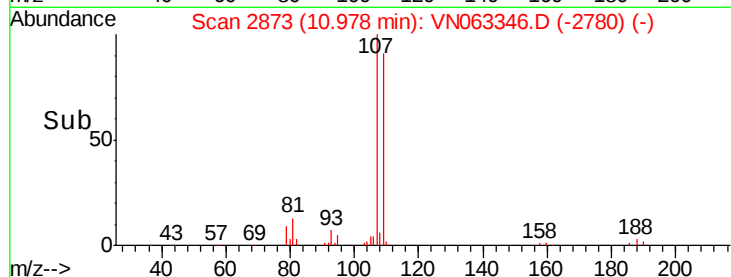
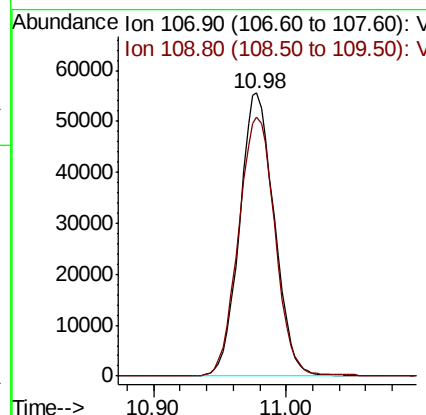
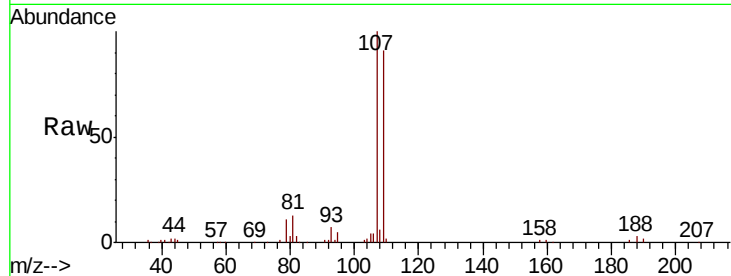




#61
 1,2-Dibromoethane
 Concen: 17.667 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

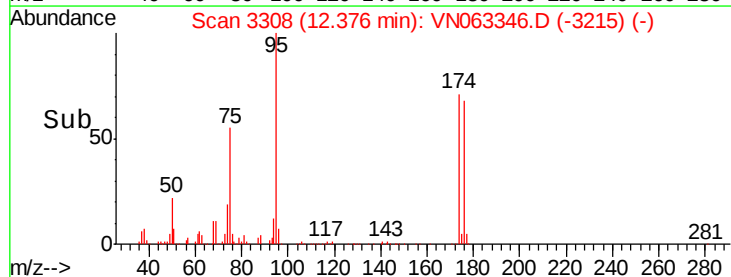
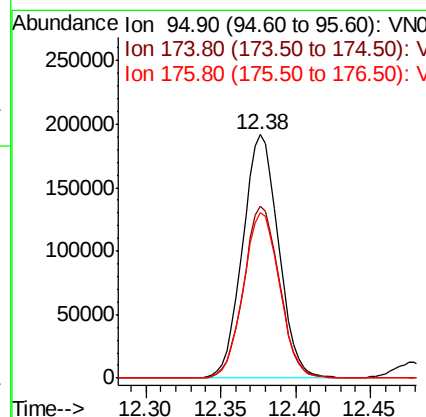
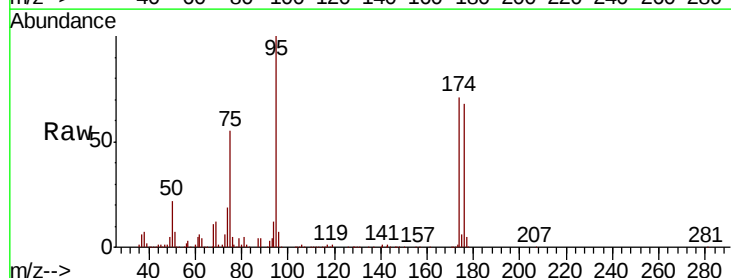
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

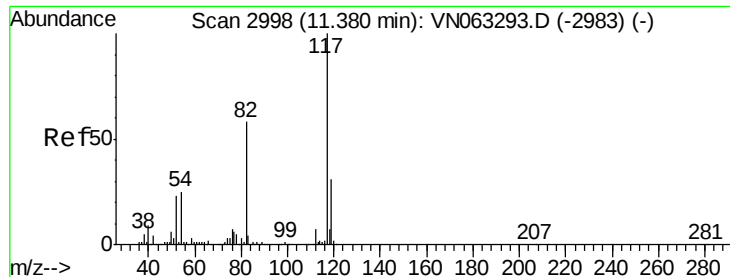
Tot Ion:107 Resp: 100984
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 44.977 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 95 Resp: 320597
 Ion Ratio Lower Upper
 95 100
 174 70.6 0.0 136.6
 176 68.9 0.0 132.8

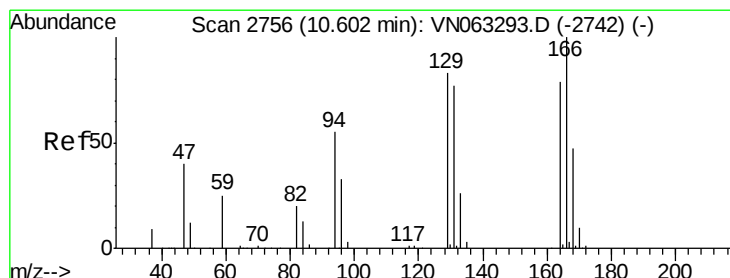
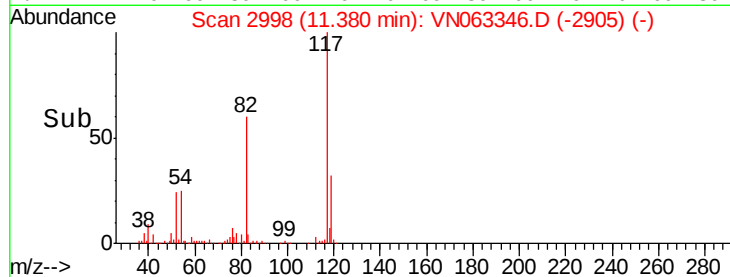
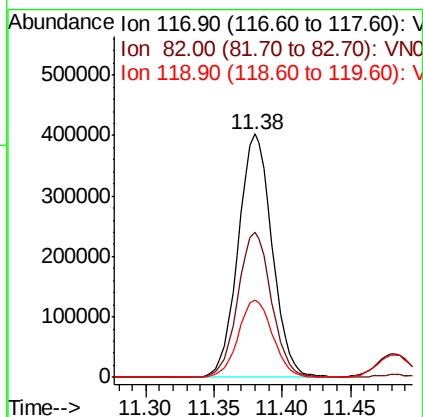
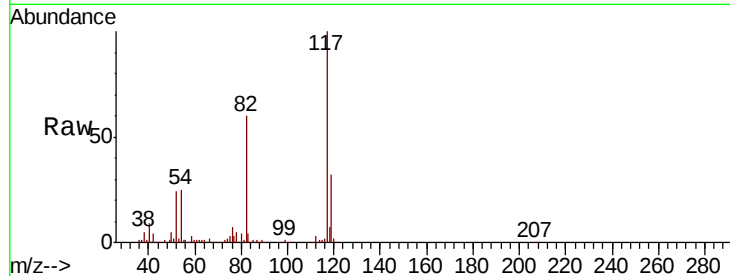




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

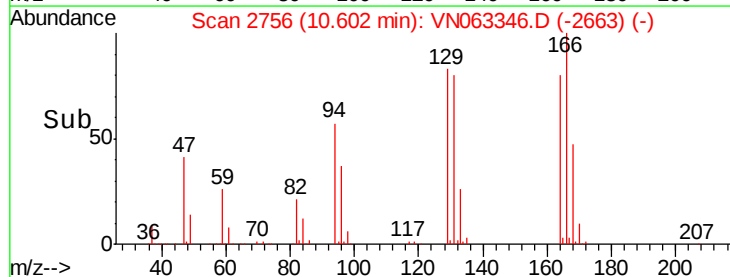
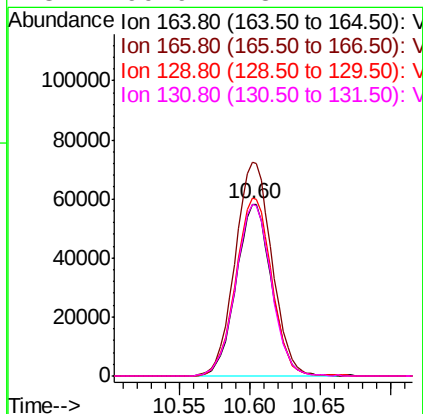
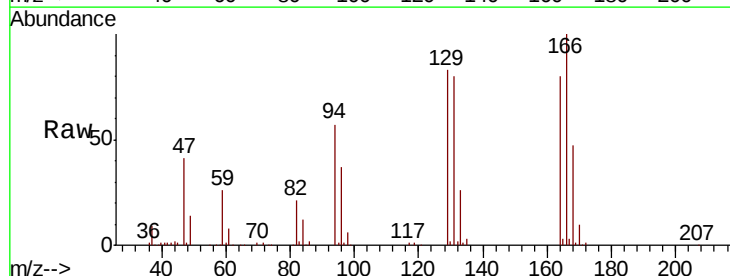
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

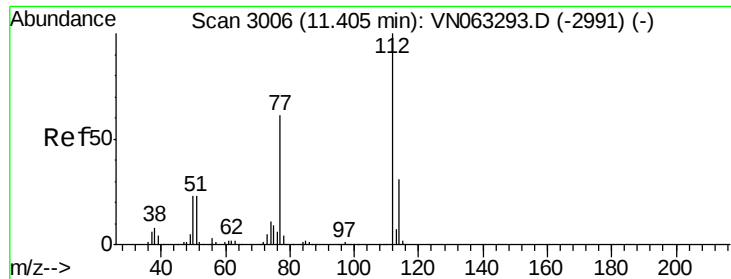
Tot Ion:117 Resp: 694638
Ion Ratio Lower Upper
117 100
82 59.7 46.4 69.6
119 32.0 24.8 37.2



#64
Tetrachloroethene
Concen: 17.996 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion:164 Resp: 102406
Ion Ratio Lower Upper
164 100
166 124.3 101.3 151.9
129 103.6 83.7 125.5
131 99.9 78.2 117.4

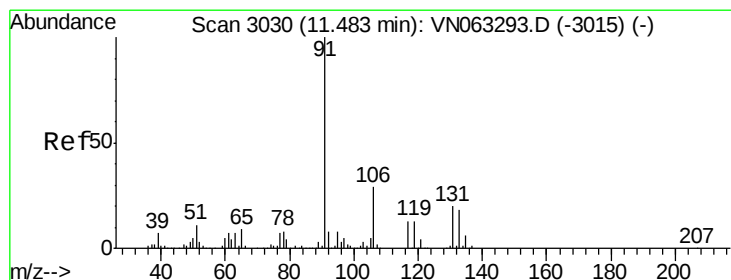
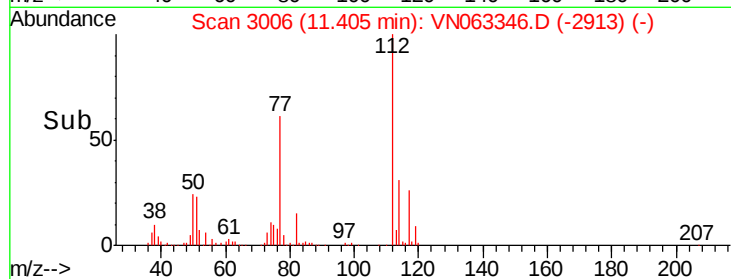
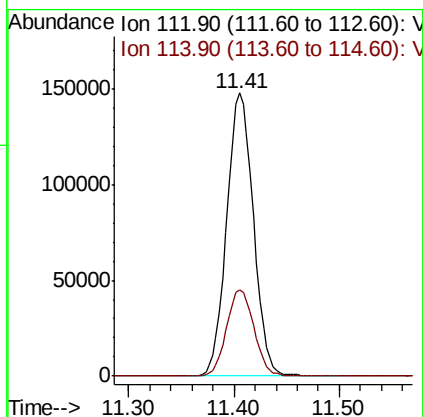
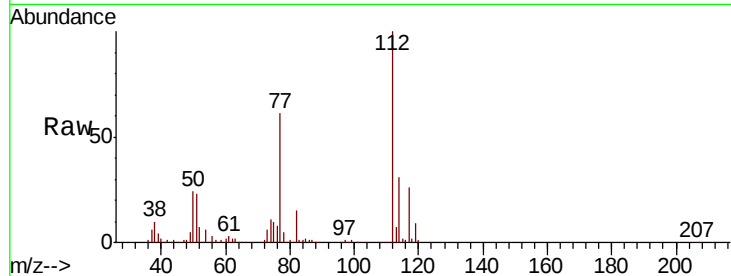




#65
Chlorobenzene
Concen: 17.297 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

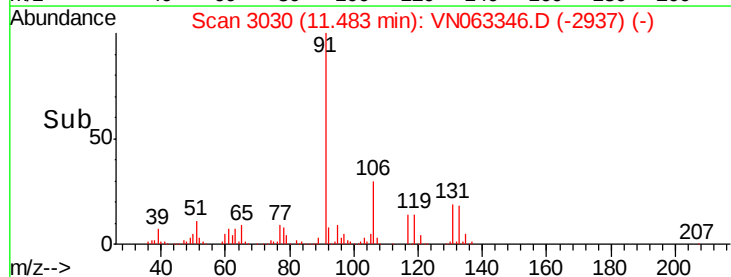
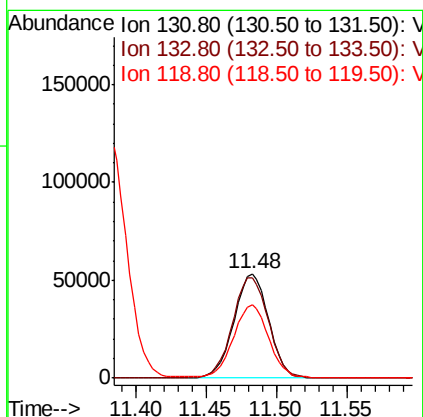
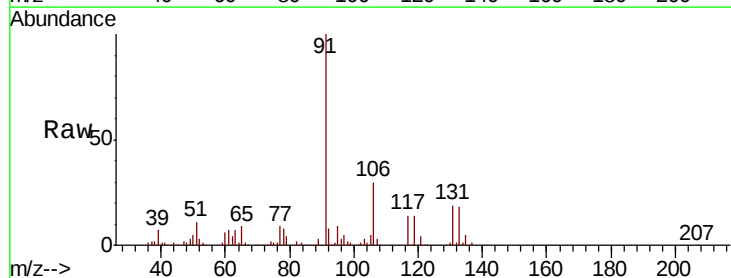
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

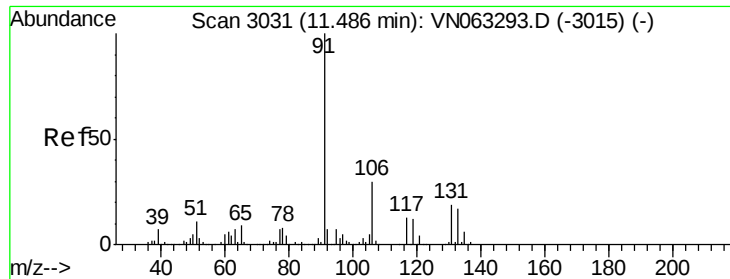
Tot Ion:112 Resp: 258661
Ion Ratio Lower Upper
112 100
114 30.6 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 16.960 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion:131 Resp: 92408
Ion Ratio Lower Upper
131 100
133 99.3 47.4 142.2
119 70.3 33.8 101.3

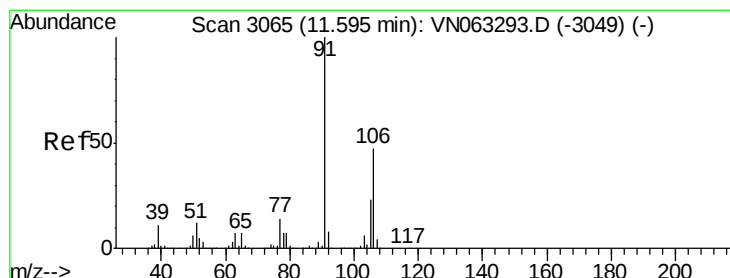
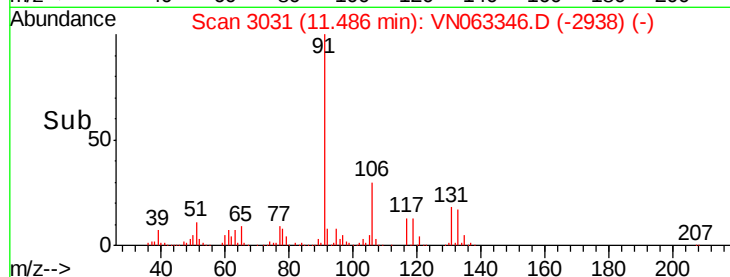
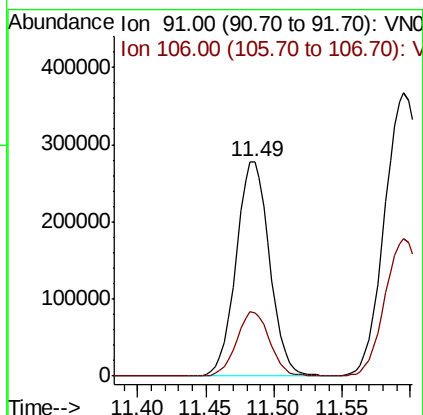
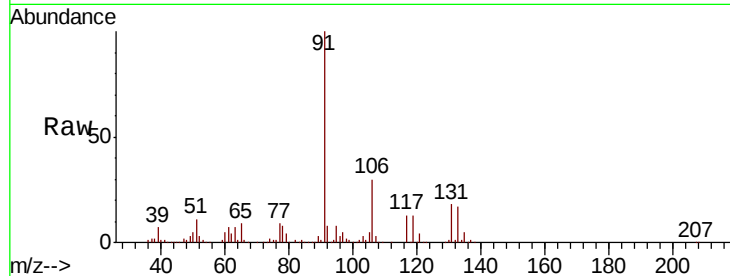




#67
Ethyl Benzene
Concen: 17.613 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

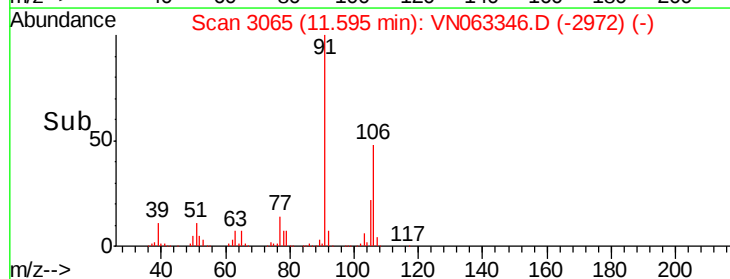
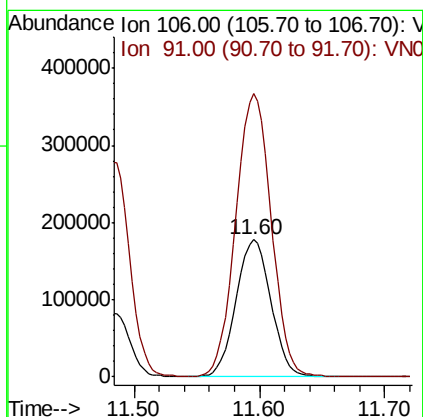
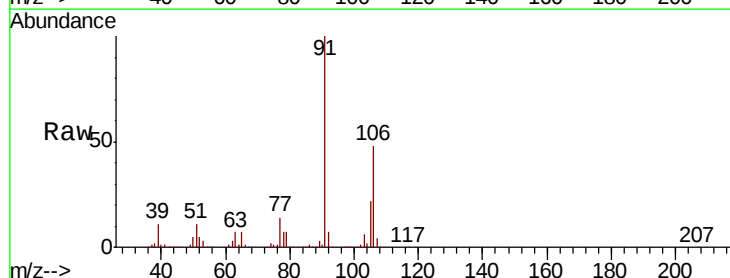
Instrument :
MSVOA_N
ClientSampled :
VN0914MBSD01

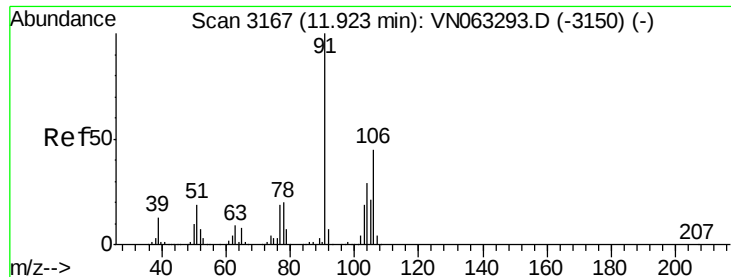
Tot Ion: 91 Resp: 472849
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 34.648 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 106 Resp: 344078
Ion Ratio Lower Upper
106 100
91 210.2 169.8 254.8

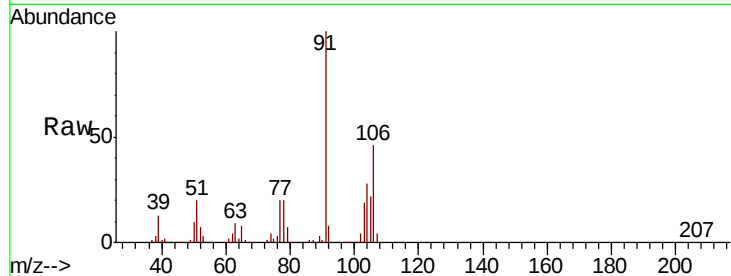




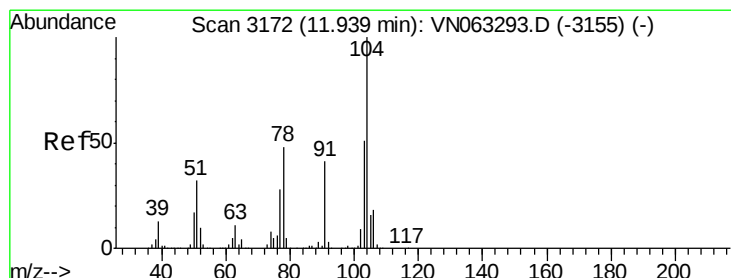
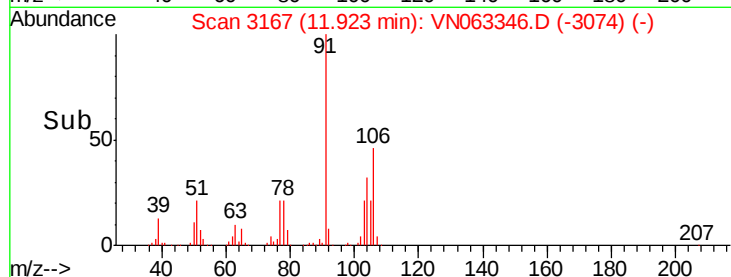
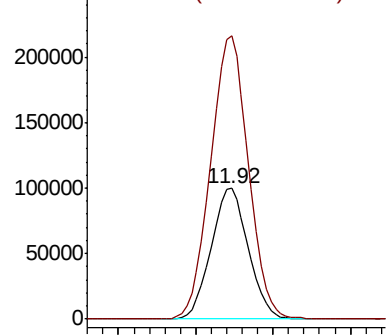
#69
o-Xylene
Concen: 17.478 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

Tot Ion:106 Resp: 166566
Ion Ratio Lower Upper
106 100
91 220.4 111.5 334.4

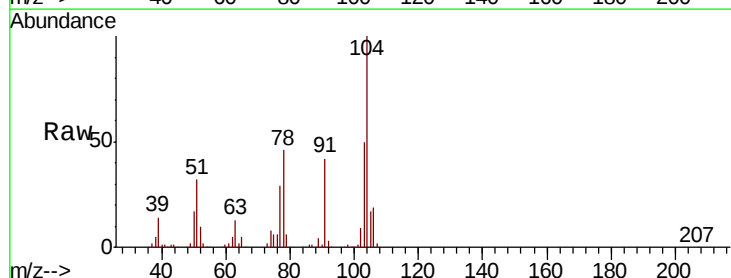


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

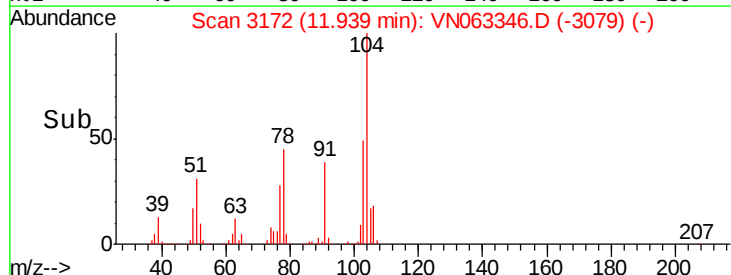
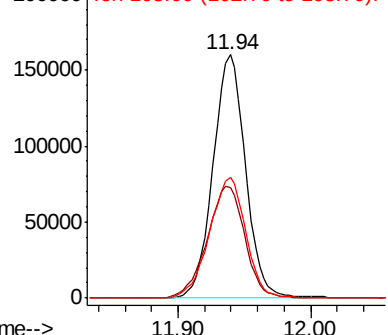


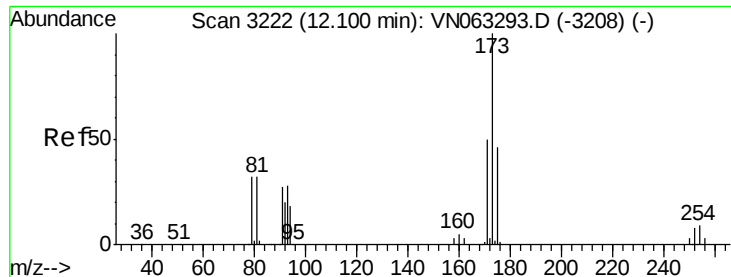
#70
Styrene
Concen: 17.229 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion:104 Resp: 272903
Ion Ratio Lower Upper
104 100
78 53.2 42.9 64.3
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.476 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

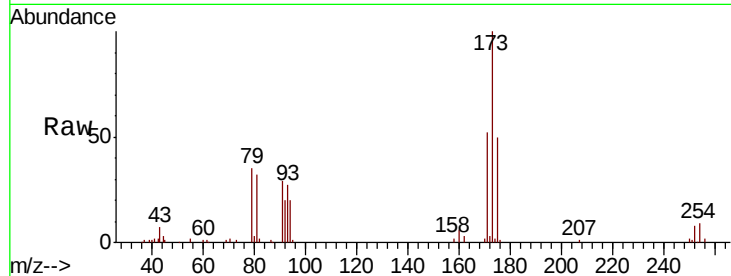
Tot Ion:173 Resp: 65857

Ion Ratio Lower Upper

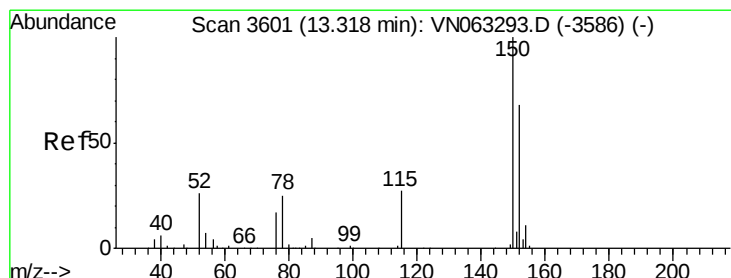
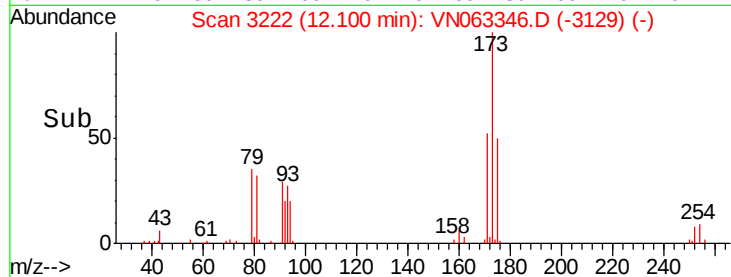
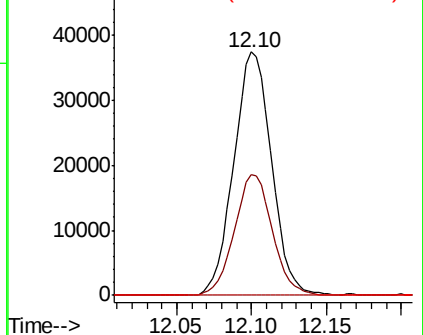
173 100

175 49.5 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: VN063346.D

Acq: 14 Sep 2020 16:31

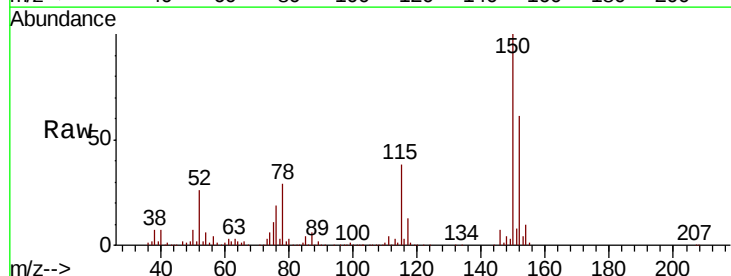
Tgt Ion:152 Resp: 308279

Ion Ratio Lower Upper

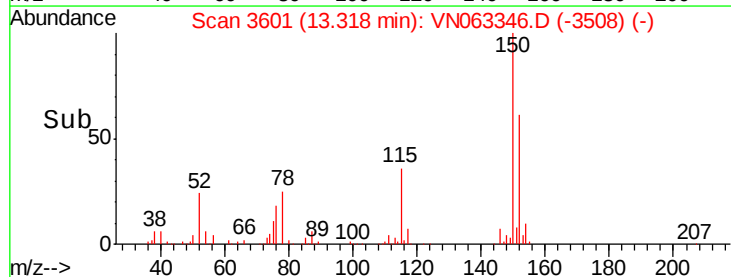
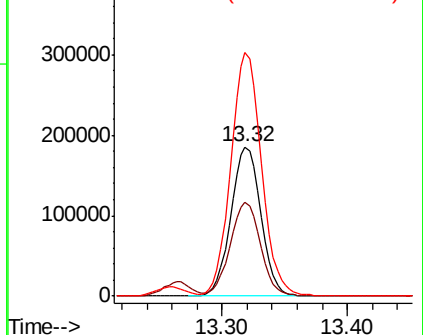
152 100

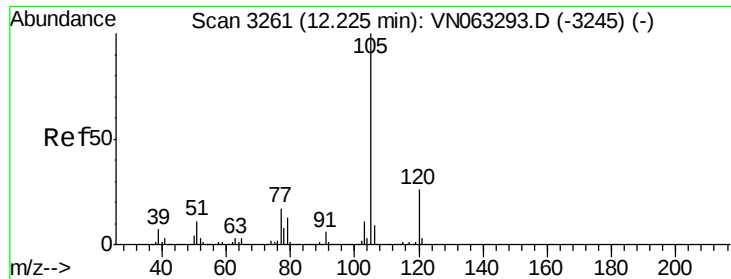
115 62.7 31.5 94.5

150 166.3 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: 17.819 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

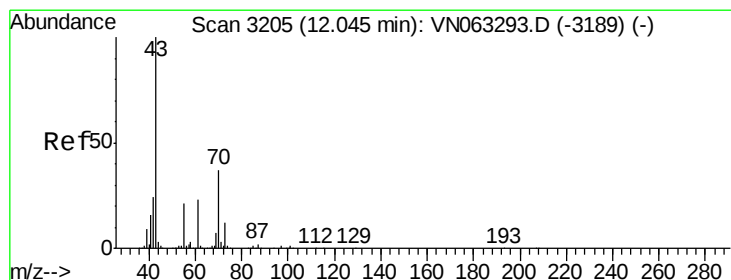
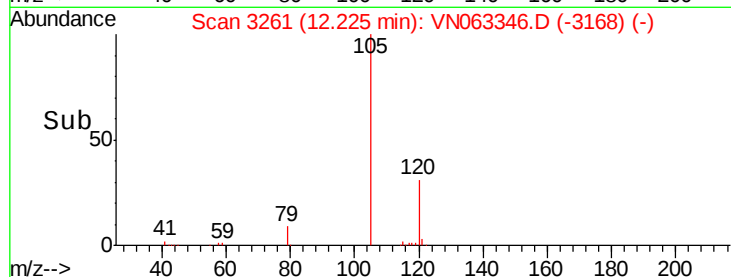
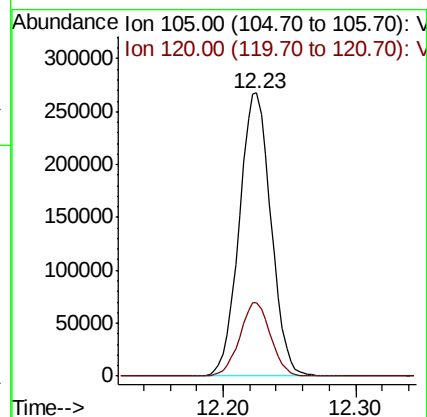
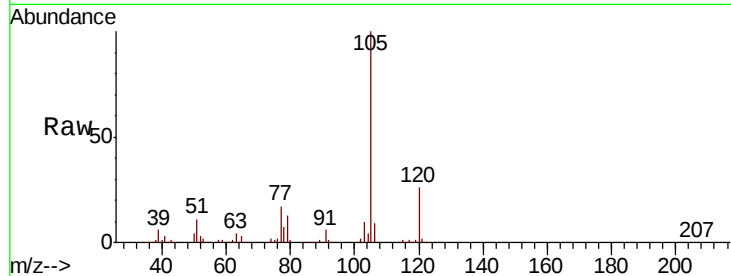
VN0914MBSD01

Tot Ion:105 Resp: 443077

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#74

N-ethyl acetate

Concen: 19.403 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Tgt Ion: 43 Resp: 198079

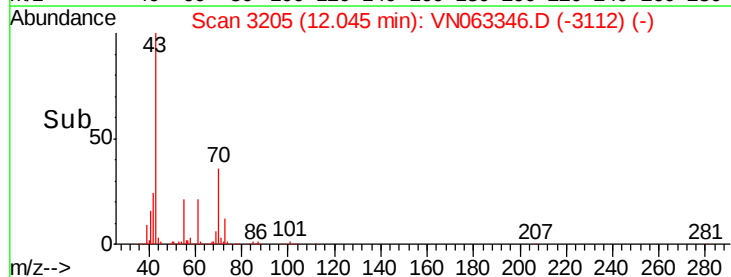
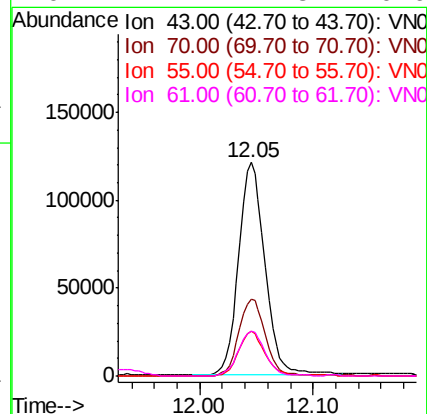
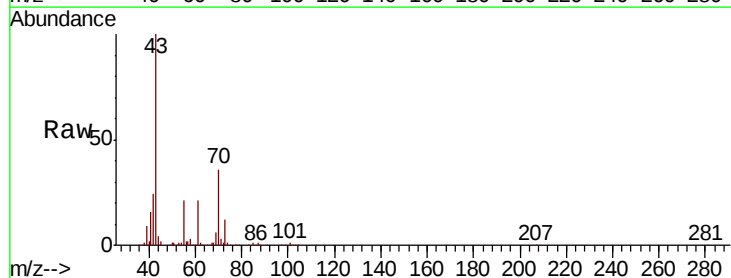
Ion Ratio Lower Upper

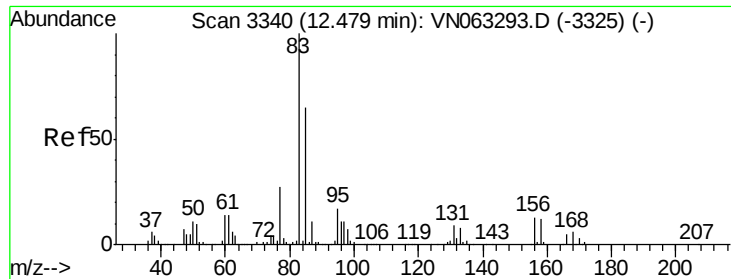
43 100

70 36.4 29.3 43.9

55 20.8 17.0 25.6

61 21.1 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.421 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

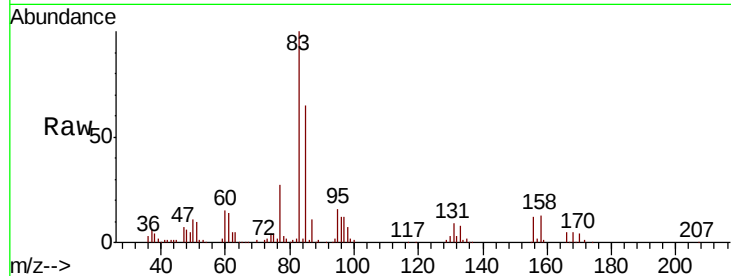
Tot Ion: 83 Resp: 131184

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

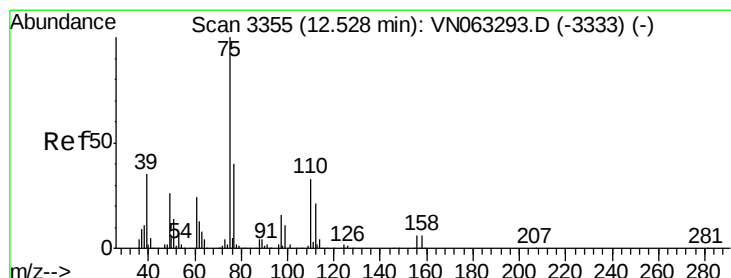
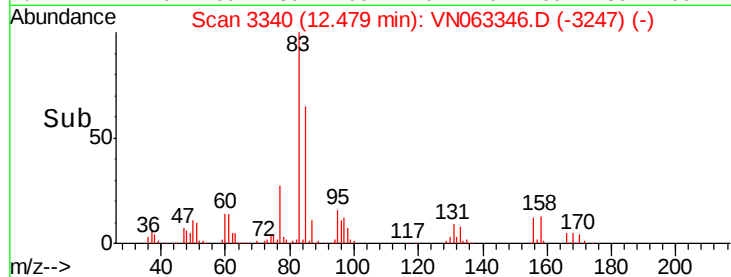
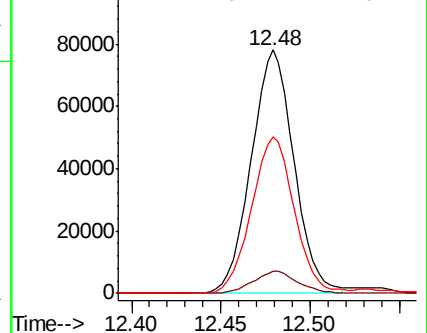
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 27.194 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063346.D

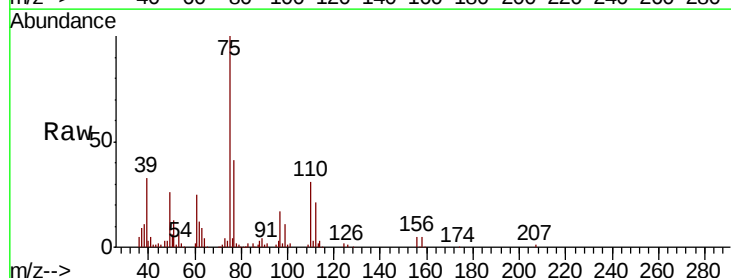
Acq: 14 Sep 2020 16:31

Tgt Ion: 75 Resp: 184947

Ion Ratio Lower Upper

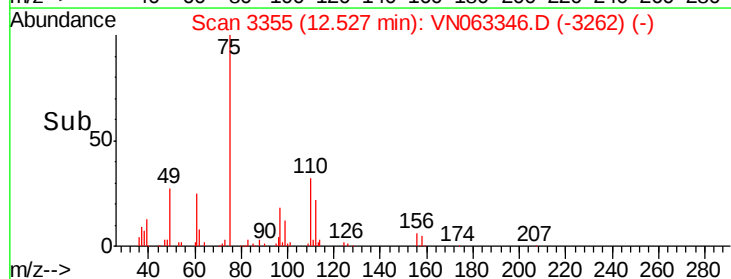
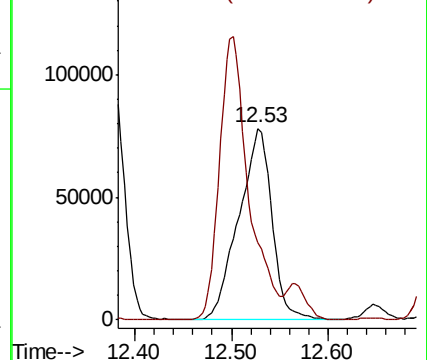
75 100

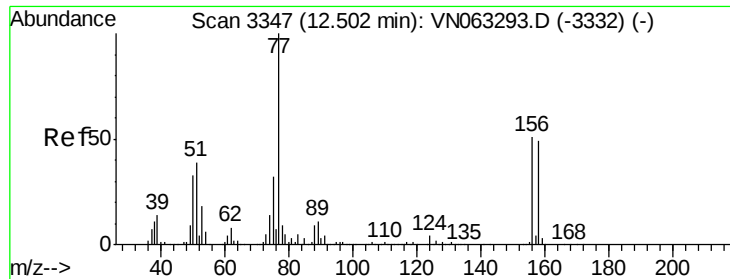
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 17.507 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

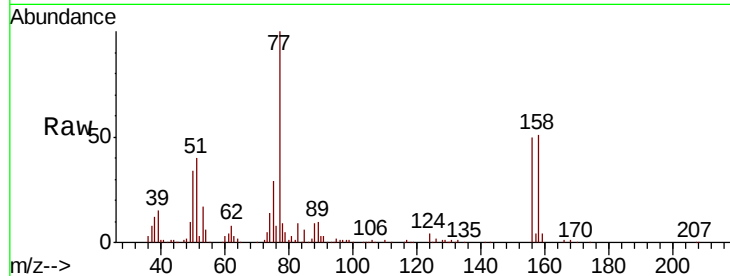
Tot Ion:156 Resp: 100067

Ion Ratio Lower Upper

156 100

77 241.8 117.4 352.2

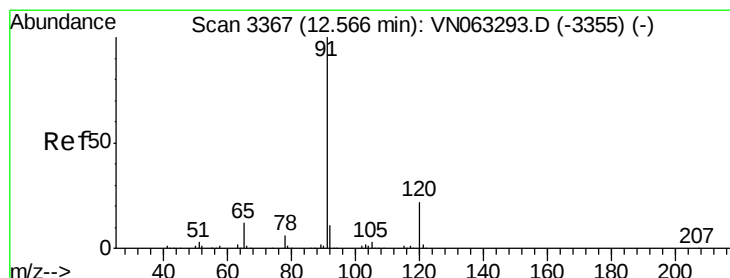
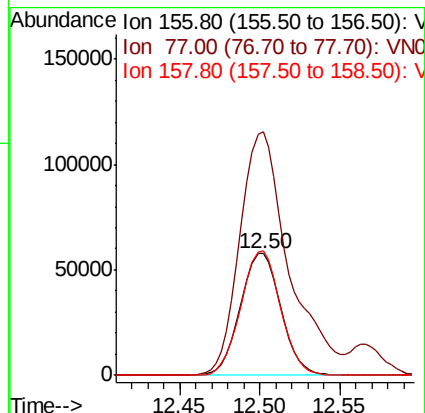
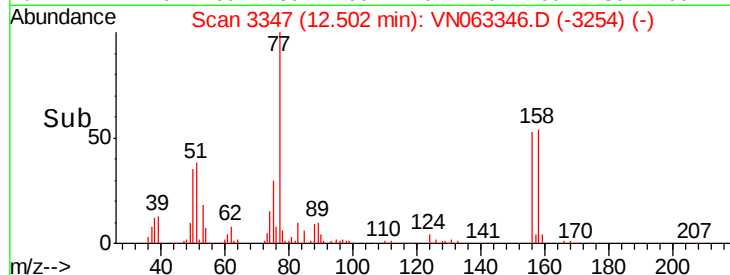
158 100.2 48.8 146.4



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: 17.931 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063346.D

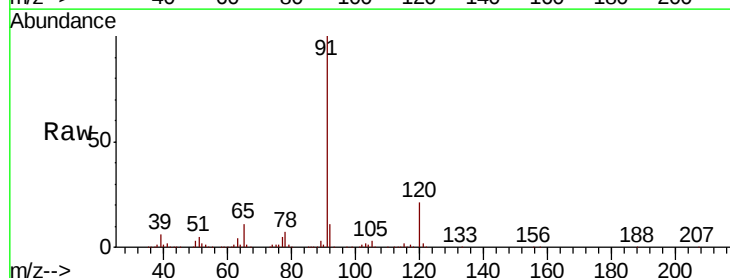
Acq: 14 Sep 2020 16:31

Tgt Ion: 91 Resp: 506515

Ion Ratio Lower Upper

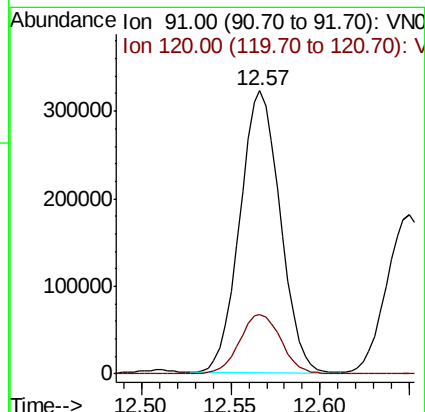
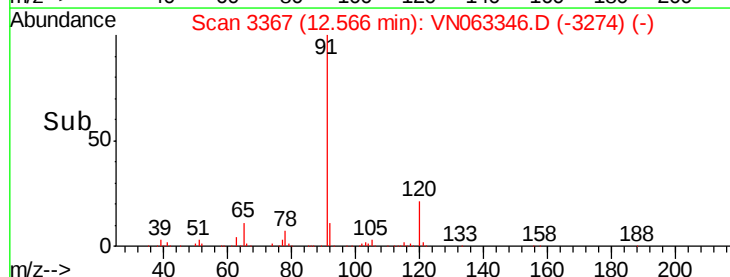
91 100

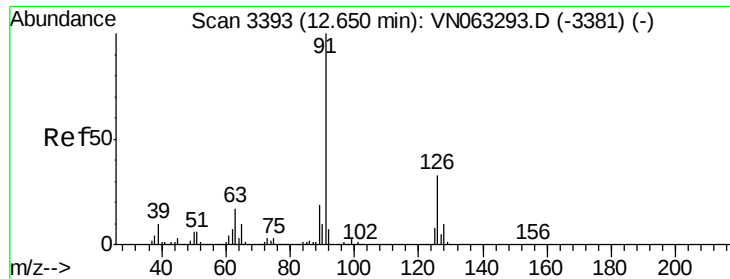
120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

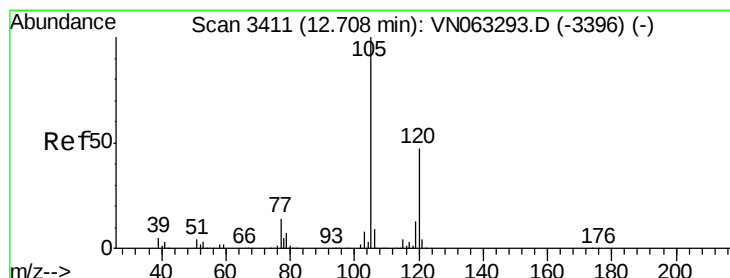
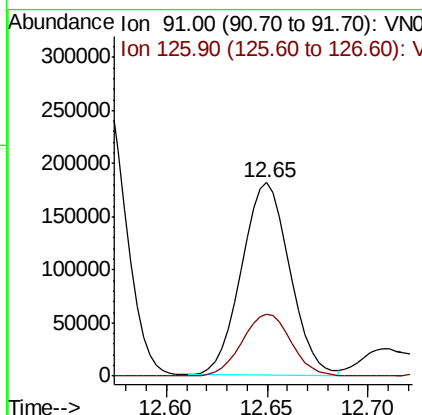
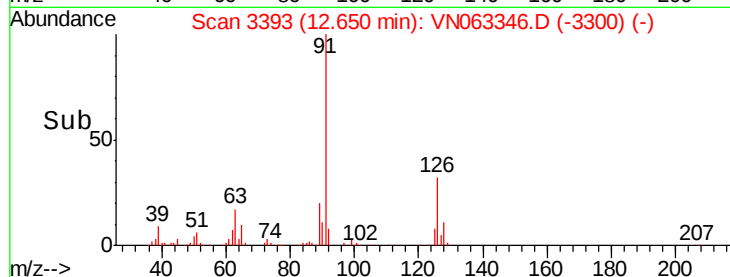
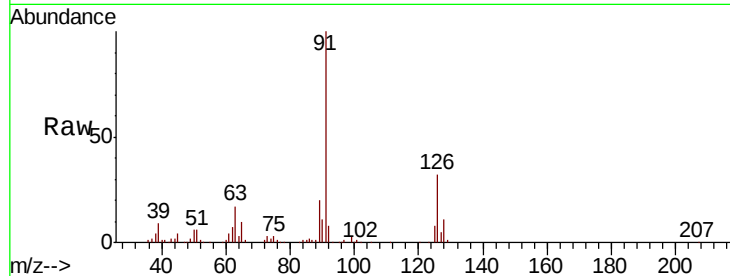




#79
 2-Chlorotoluene
 Concen: 17.489 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

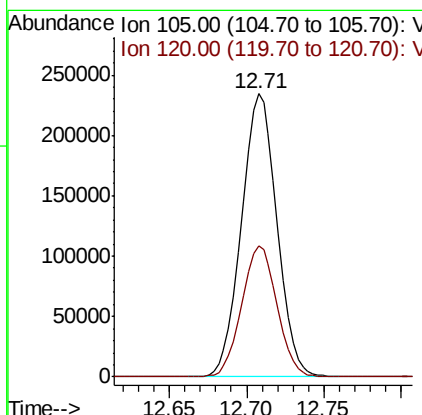
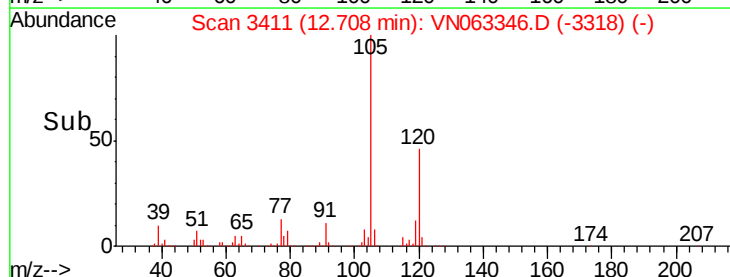
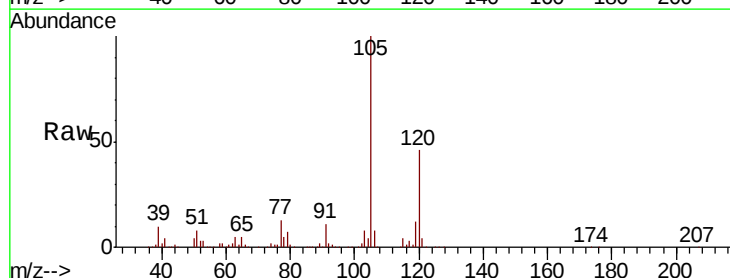
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

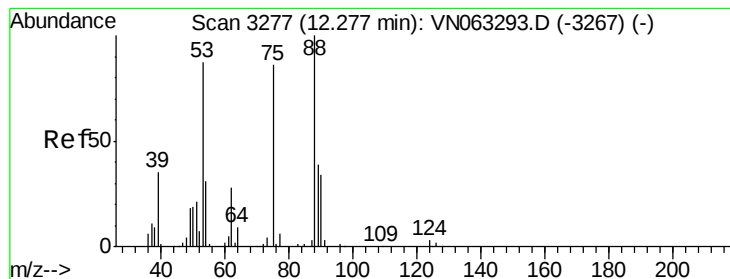
Tot Ion: 91 Resp: 303761
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.057 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion: 105 Resp: 372835
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.706 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

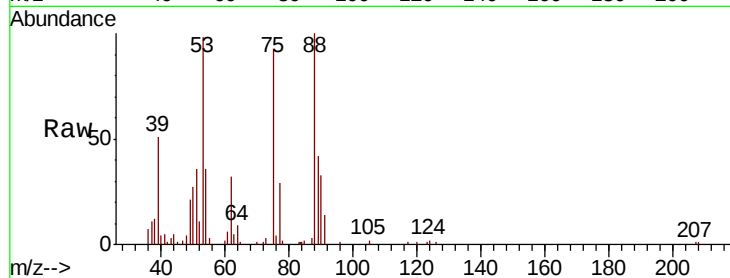
Tot Ion: 75 Resp: 44819

Ion Ratio Lower Upper

75 100

53 102.6 81.8 122.8

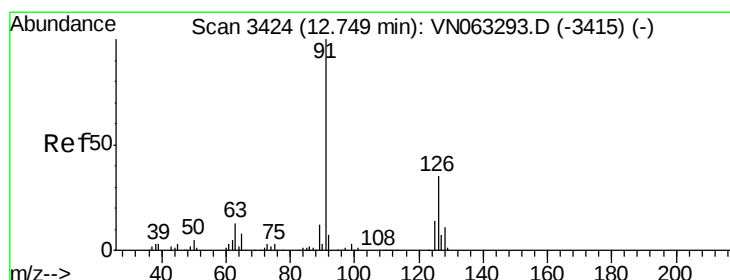
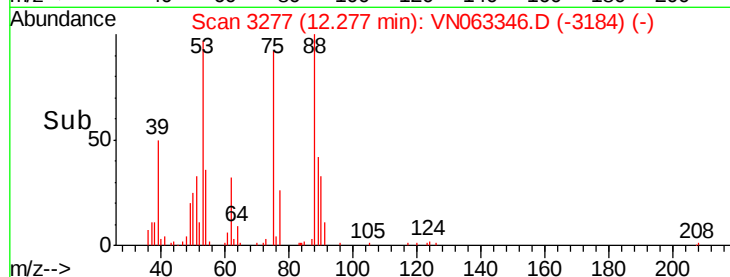
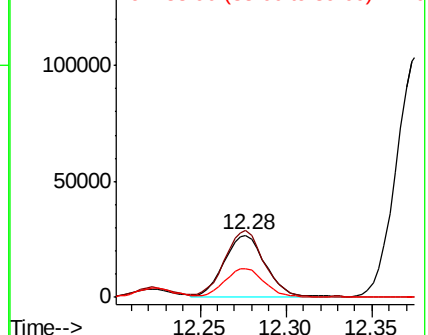
89 43.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.466 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063346.D

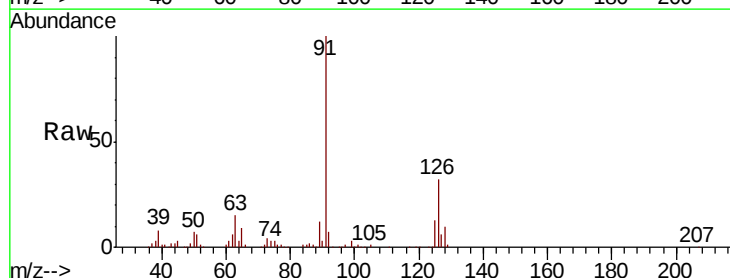
Acq: 14 Sep 2020 16:31

Tgt Ion: 91 Resp: 318001

Ion Ratio Lower Upper

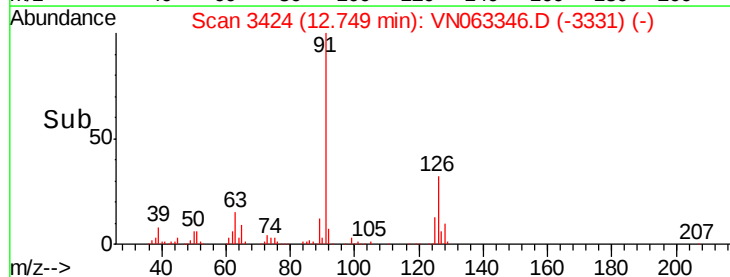
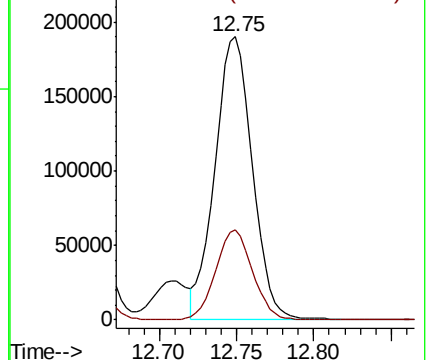
91 100

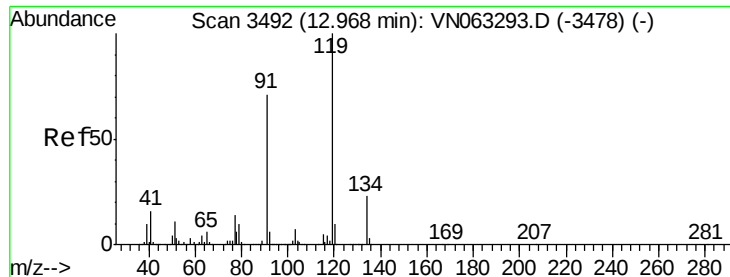
126 31.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

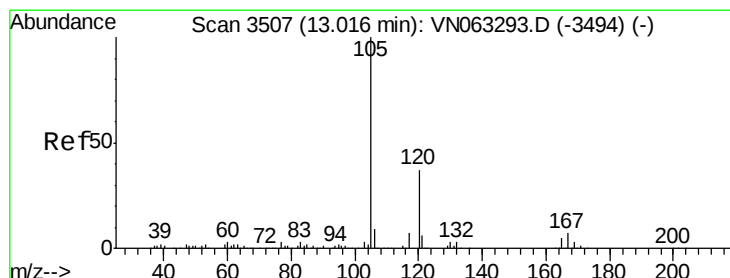
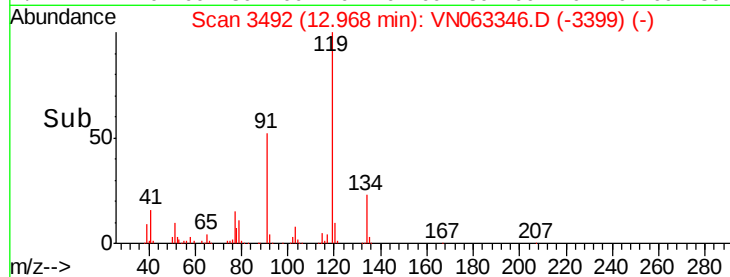
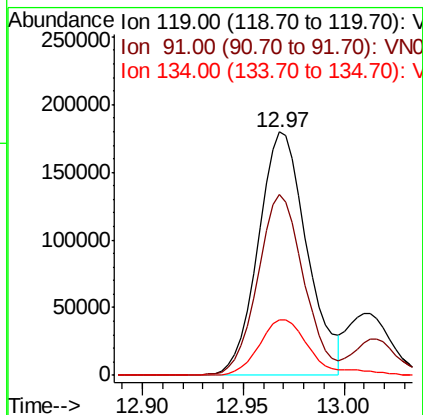
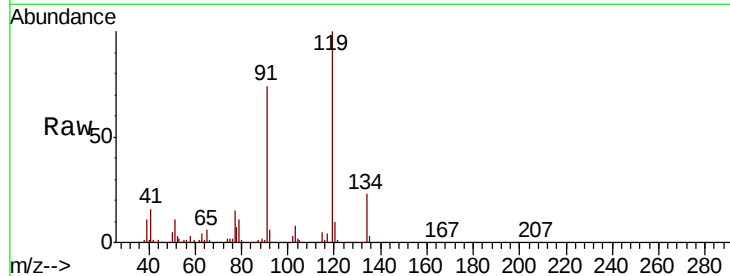




#83
tert-Butylbenzene
Concen: 17.263 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

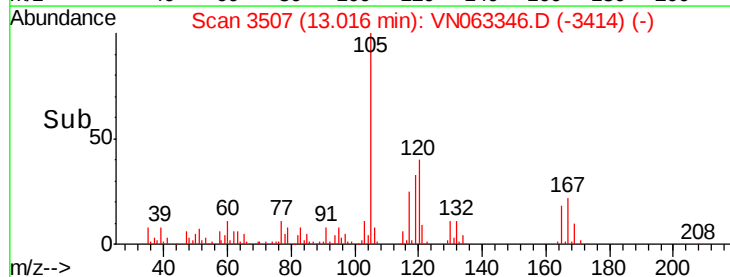
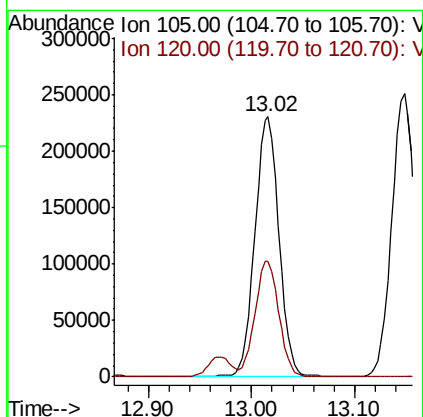
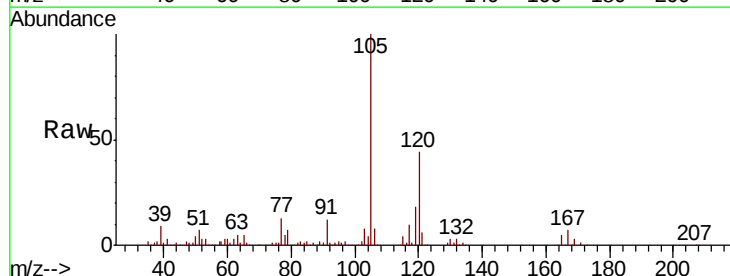
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

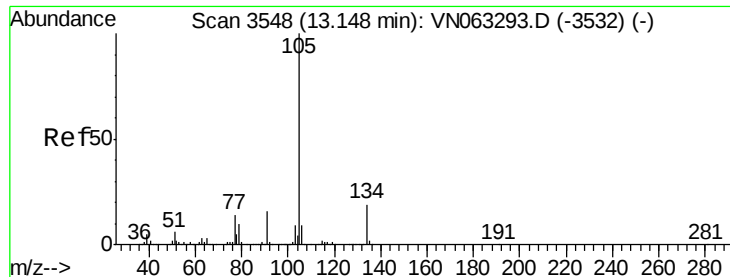
Tot Ion	Ratio	Lower	Upper
119	100		
91	70.2	34.8	104.3
134	24.1	11.9	35.5



#84
1,2,4-Trimethylbenzene
Concen: 17.938 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.8	65.4





#85

sec-Butylbenzene

Concen: 17.859 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

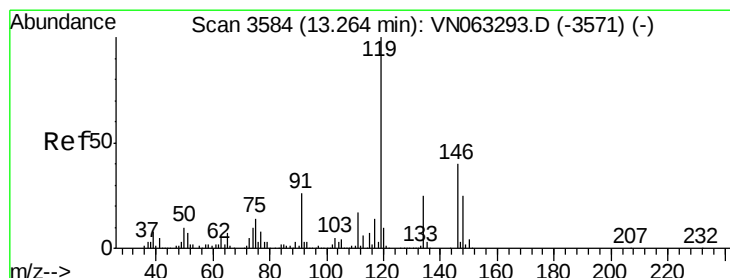
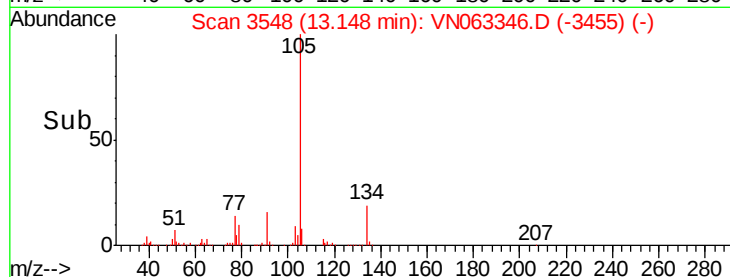
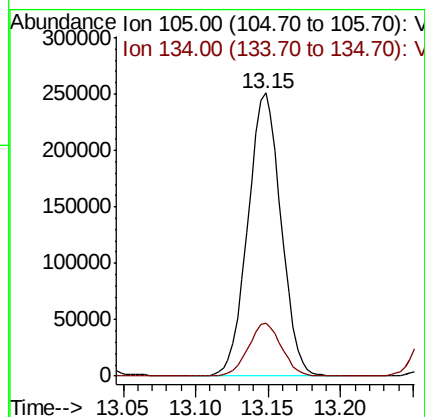
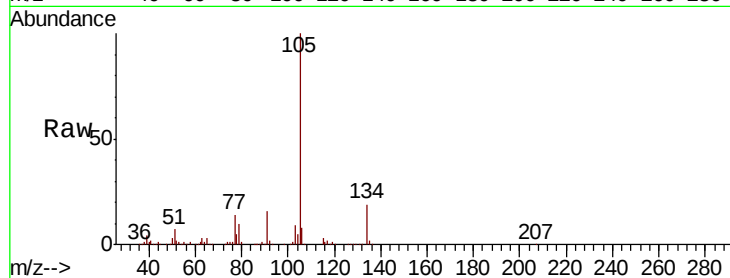
VN0914MBSD01

Tot Ion:105 Resp: 397856

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.3



#86

p-Isopropyltoluene

Concen: 17.460 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

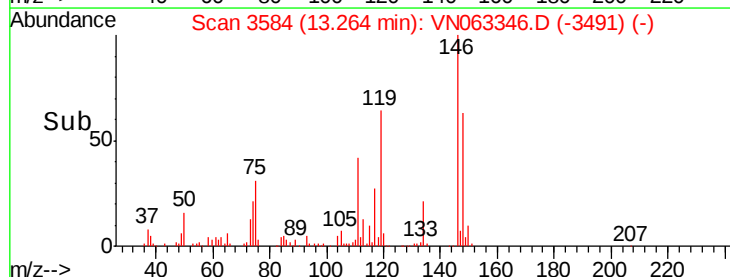
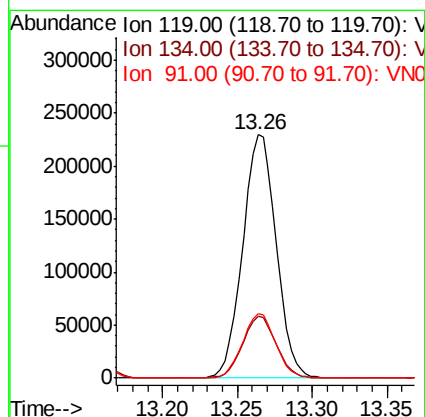
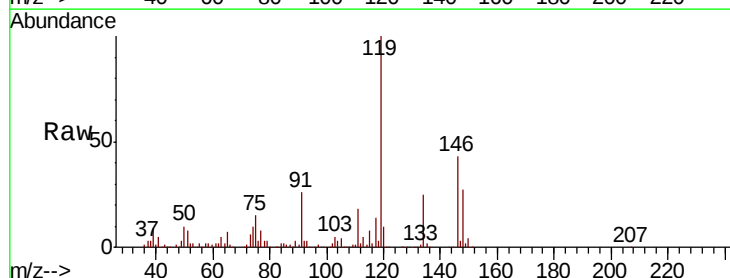
Tgt Ion:119 Resp: 356597

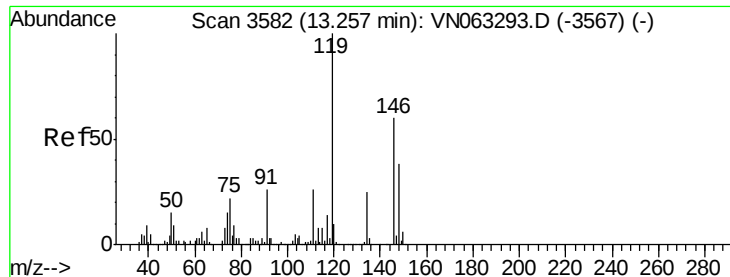
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 25.7 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 17.736 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

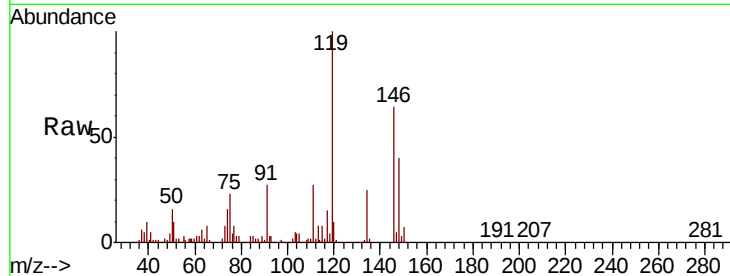
Tot Ion:146 Resp: 185328

Ion Ratio Lower Upper

146 100

111 42.8 21.8 65.4

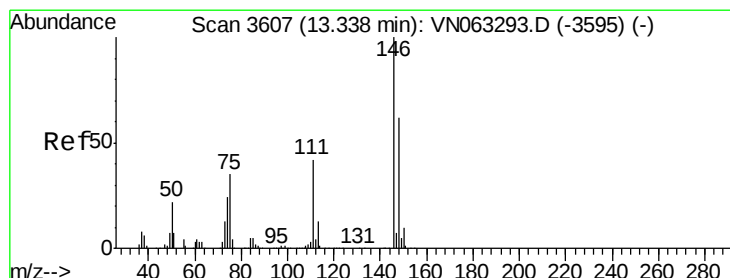
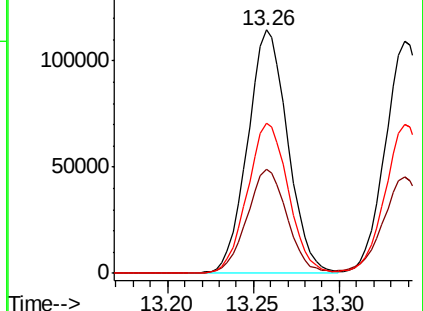
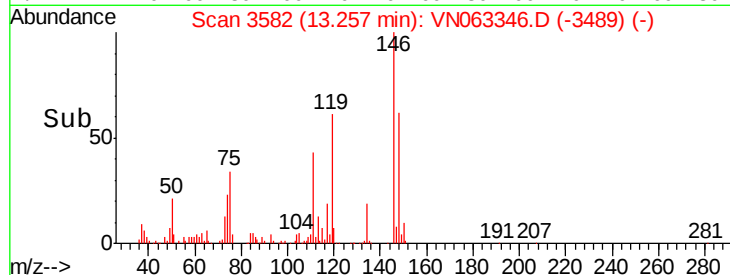
148 62.8 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.293 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

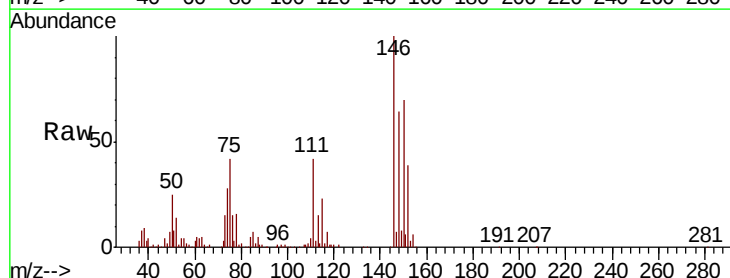
Tgt Ion:146 Resp: 179453

Ion Ratio Lower Upper

146 100

111 43.7 21.3 64.0

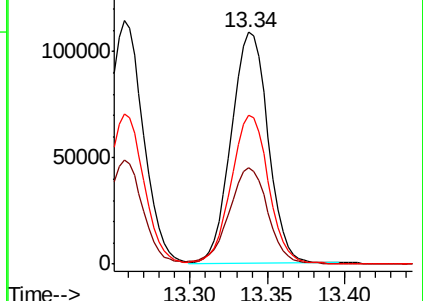
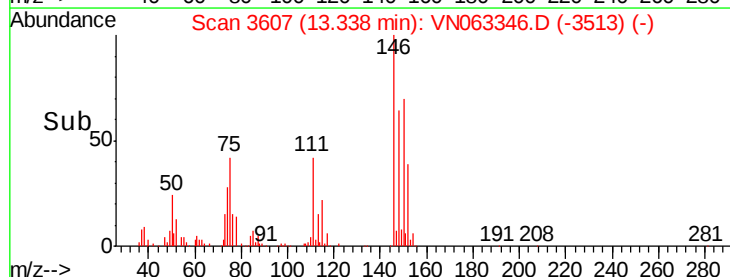
148 65.7 31.5 94.5

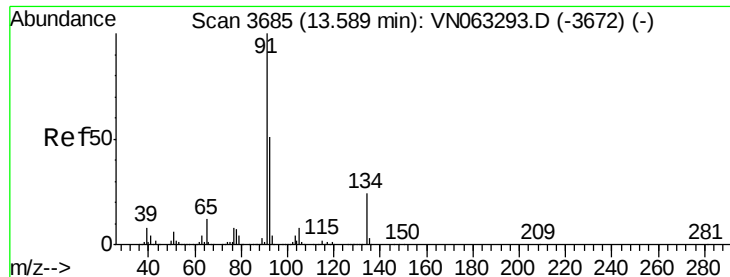


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

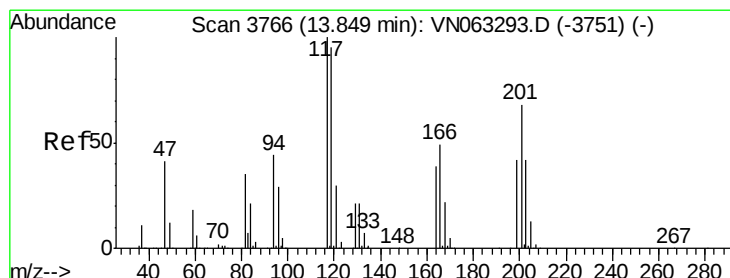
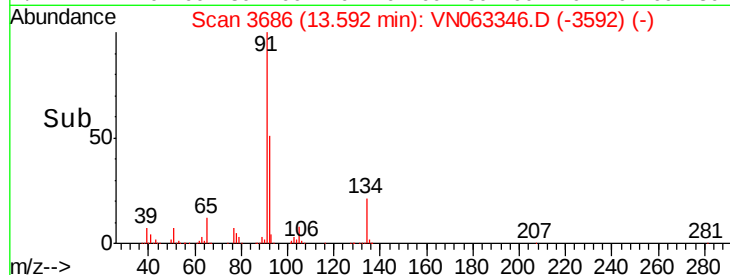
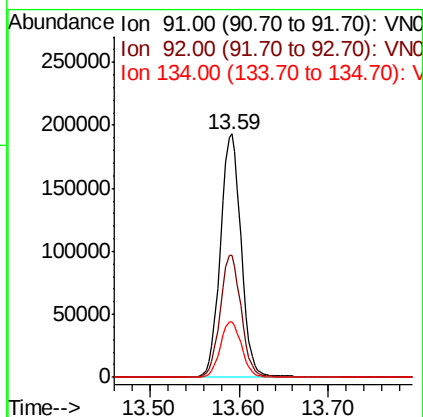
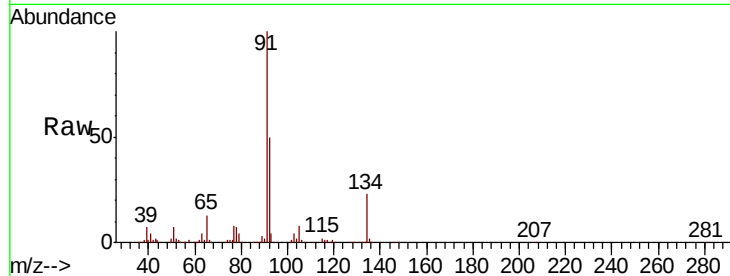




#89
n-Butylbenzene
Concen: 16.879 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

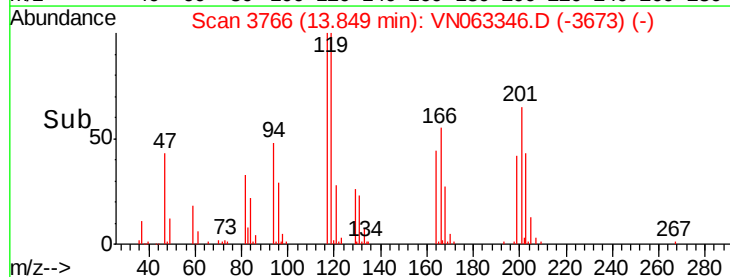
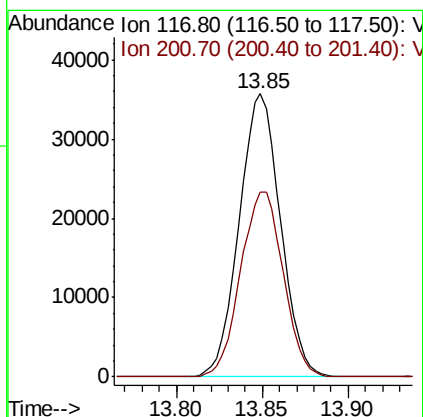
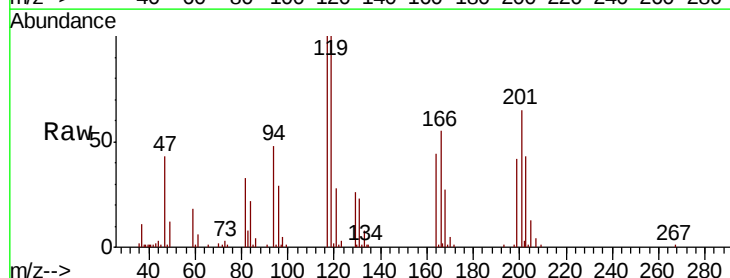
Instrument :
MSVOA_N
ClientSampleId :
VN0914MBSD01

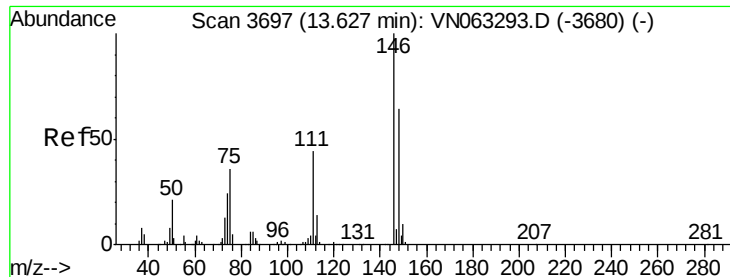
Tot Ion: 91 Resp: 311206
Ion Ratio Lower Upper
91 100
92 50.5 25.8 77.3
134 23.4 12.0 36.0



#90
Hexachloroethane
Concen: 17.735 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063346.D
Acq: 14 Sep 2020 16:31

Tgt Ion: 117 Resp: 59582
Ion Ratio Lower Upper
117 100
201 67.4 33.5 100.4

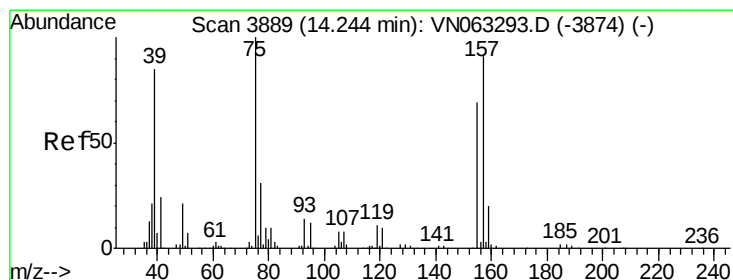
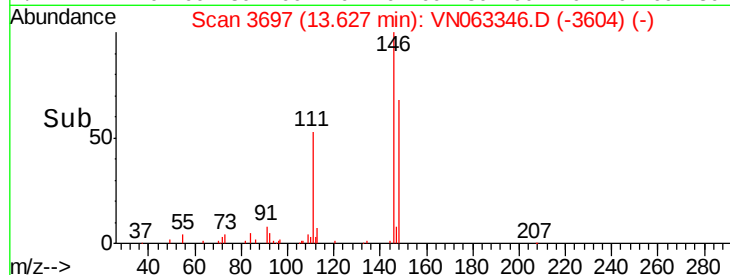
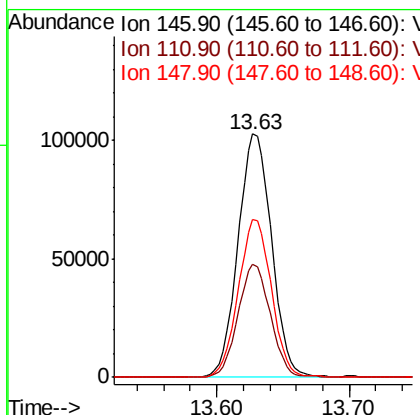
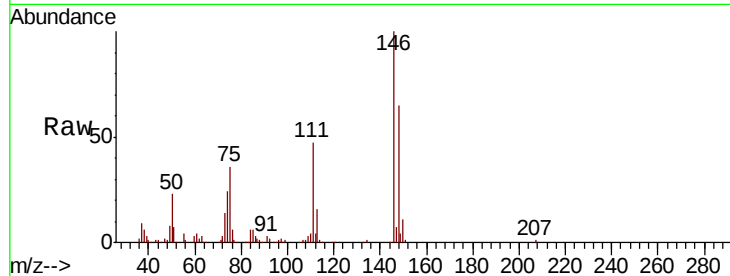




#91
 1,2-Dichlorobenzene
 Concen: 17.545 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

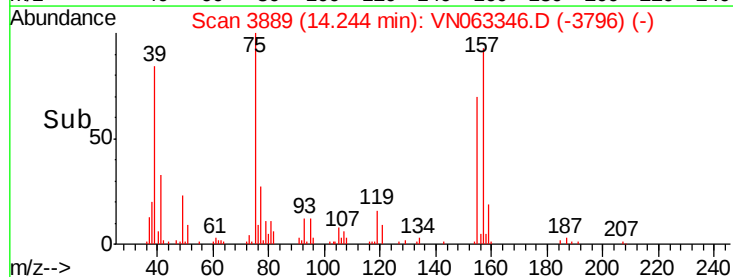
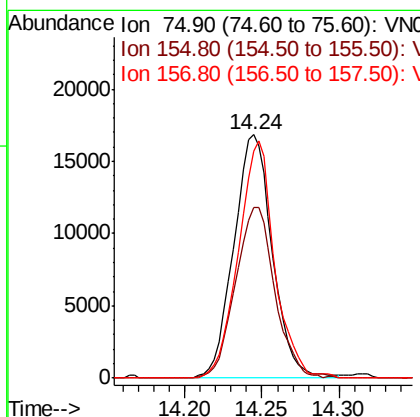
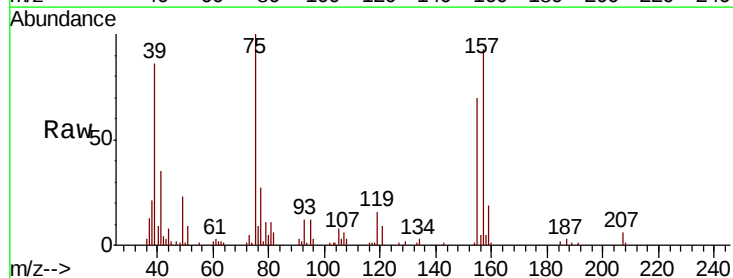
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

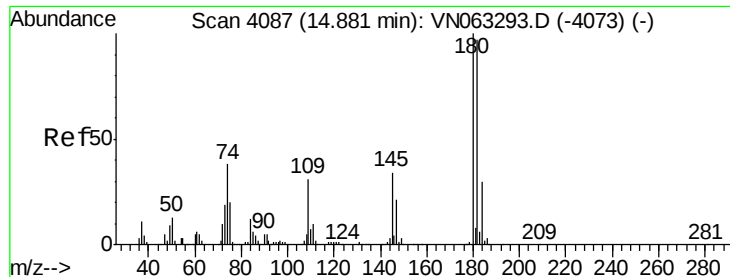
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.1	66.5
148	63.7	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.026 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	35.3	105.7
157	91.1	46.7	140.0

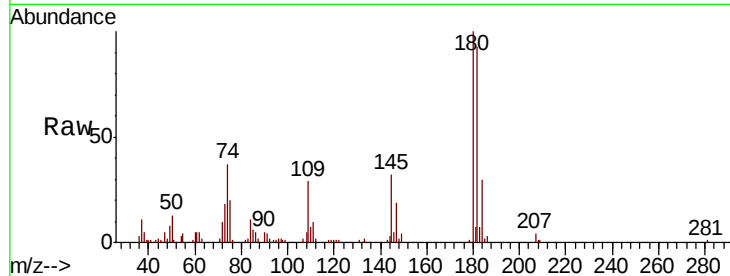




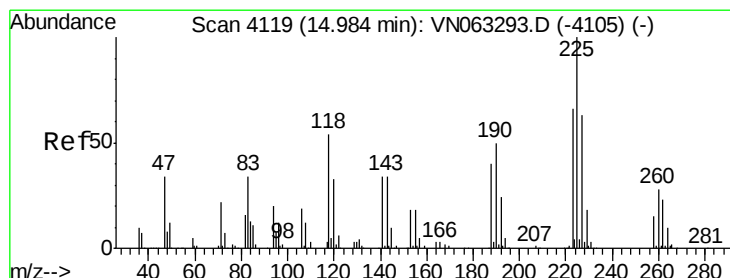
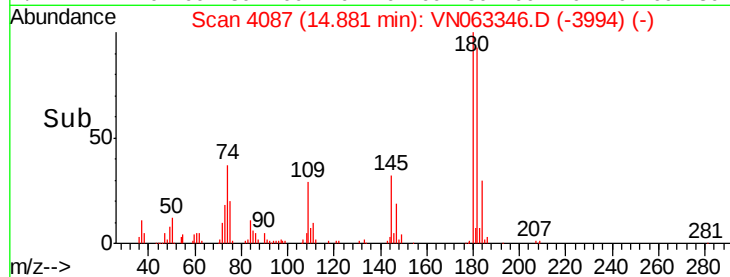
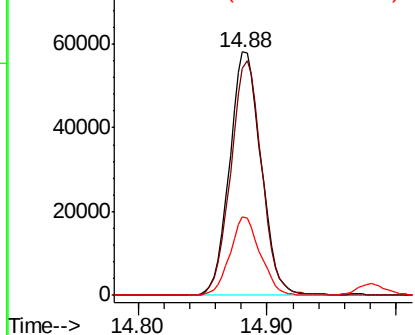
#93
 1,2,4-Trichlorobenzene
 Concen: 16.335 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914MBSD01

Tot Ion:180 Resp: 98747
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.0 144.2
 145 30.9 16.6 49.8

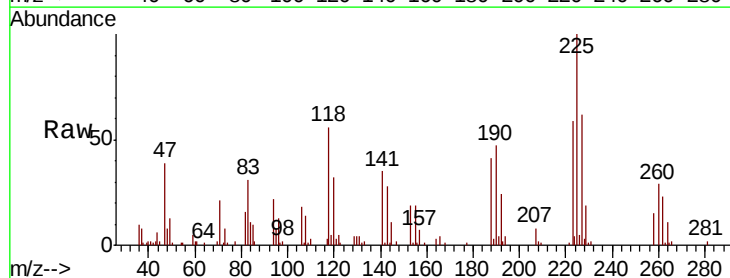


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

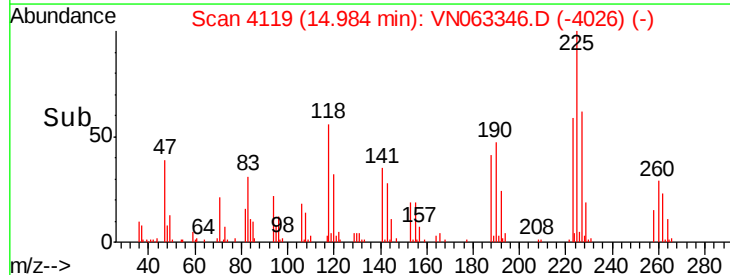
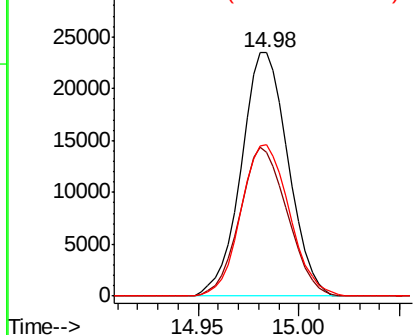


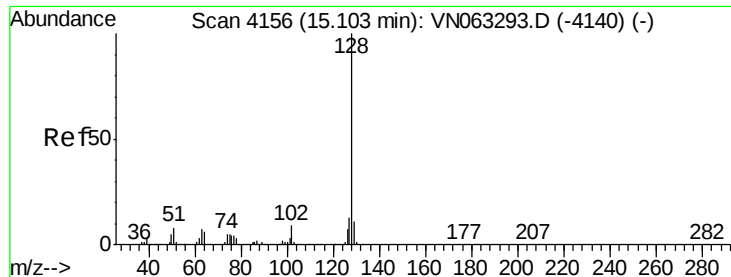
#94
 Hexachlorobutadiene
 Concen: 16.729 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063346.D
 Acq: 14 Sep 2020 16:31

Tgt Ion:225 Resp: 38295
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.3 93.9
 227 64.2 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: 16.765 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

VN0914MBSD01

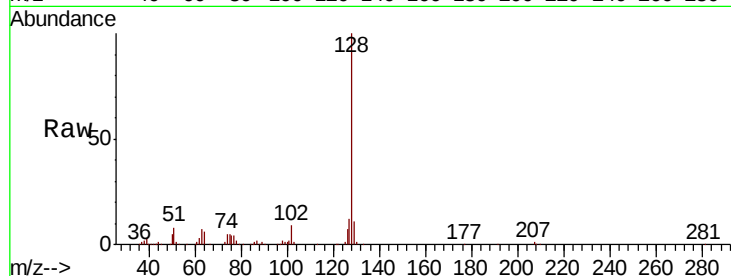
Tot Ion:128 Resp: 311028

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

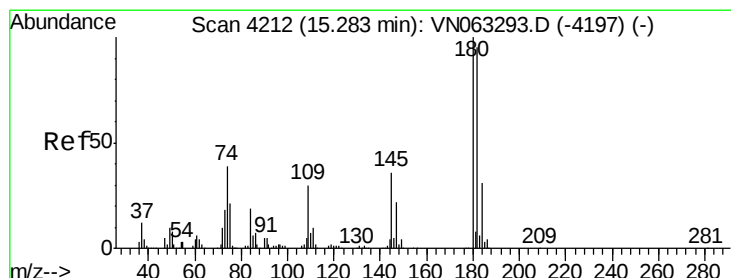
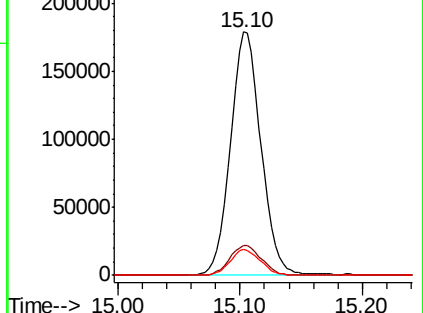
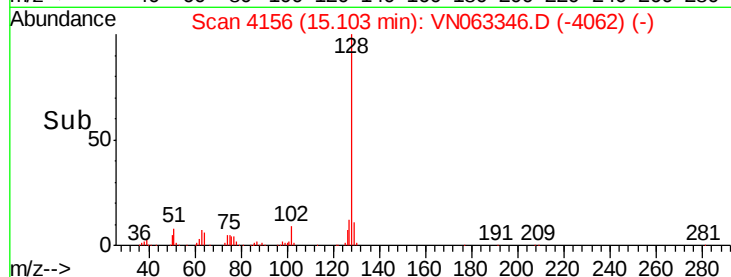
129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.725 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063346.D

Acq: 14 Sep 2020 16:31

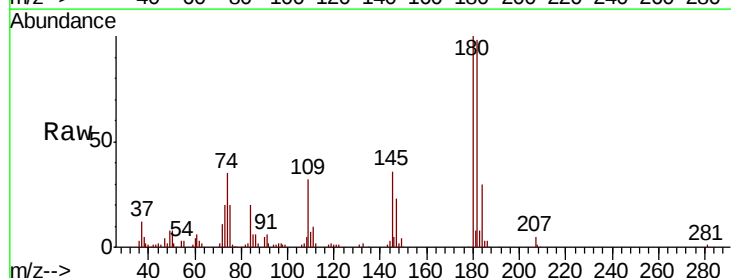
Tgt Ion:180 Resp: 93775

Ion Ratio Lower Upper

180 100

182 96.9 47.4 142.3

145 35.2 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

