

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
 Data File : VN063033.D
 Acq On : 20 Aug 2020 13:00
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Aug 20 13:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 13:39:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	31648	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	163490	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	156271	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	68787	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.38	95	71545	28.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.57%
63) Toluene-d8	10.06	98	216029	30.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	45618	20.160	ug/l 100
3) Chloromethane	2.03	50	50333	20.102	ug/l 100
4) Vinyl Chloride	2.16	62	49733	19.731	ug/l 100
5) Bromomethane	2.53	94	30485	19.620	ug/l 100
6) Chloroethane	2.67	64	29263	19.643	ug/l 100
7) Trichlorofluoromethane	2.98	101	59081	19.437	ug/l 100
8) Diethyl Ether	3.37	74	18828	18.624	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30614	18.627	ug/l 100
10) 1,1-Dichloroethene	3.70	96	27546	18.652	ug/l 100
11) Methyl Iodide	3.91	142	36063	17.798	ug/l 100
12) Methyl Acetate	4.28	43	37866	19.235	ug/l 100
13) Acrolein	3.57	56	17433	86.406	ug/l 100
14) Acrylonitrile	4.93	53	81682	94.761	ug/l 100
15) Acetone	3.78	58	23643	94.772	ug/l 100
16) Carbon Disulfide	4.01	76	74396	18.764	ug/l 100
17) Allyl chloride	4.27	41	49011	18.086	ug/l 100
18) Methylene Chloride	4.50	84	39211	18.976	ug/l 100
19) trans-1,2-Dichloroethene	4.99	96	29905	18.414	ug/l 100
20) Diisopropyl ether	5.90	45	120231	18.943	ug/l 100
21) 1,1-Dichloroethane	5.80	63	65458	18.792	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	36763	18.267	ug/l 100
23) tert-Butyl Alcohol	4.74	59	27129	96.068	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	99522	18.369	ug/l 100
25) Chloroform	7.33	83	64294	18.534	ug/l 100
26) Cyclohexane	7.61	56	55733	18.586	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	43468	18.308	ug/l 100
30) 2-Butanone	6.79	43	102513	92.635	ug/l 100
31) 2,2-Dichloropropane	6.78	77	52672	18.251	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	53311	18.643	ug/l 100
33) Carbon Tetrachloride	7.73	117	44762	18.382	ug/l 100
34) Benzene	8.00	78	142900	18.781	ug/l 100
35) Methacrylonitrile	7.13	41	20689	20.047	ug/l 100
36) 1,2-Dichloroethane	8.09	62	49015	18.883	ug/l 100
37) Trichloroethene	8.80	130	34713	18.629	ug/l 100
38) Methylcyclohexane	9.05	83	52866	17.752	ug/l 100
39) 1,2-Dichloropropane	9.09	63	41593	18.783	ug/l 100
40) Dibromomethane	9.18	93	24158	18.790	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	52568	18.451	ug/l	100
42) Vinyl Acetate	5.85	43	370672	88.420	ug/l	100
43) Ethyl Acetate	6.89	43	39854	18.868	ug/l	100
44) Isopropyl Acetate	8.13	43	64760	18.263	ug/l	100
45) 1,4-Dioxane	9.17	88	11943	359.617	ug/l	100
46) Methyl methacrylate	9.17	41	31416	17.995	ug/l	100
47) n-amyl Acetate	12.05	43	53555	17.017	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	54408	18.082	ug/l	100
49) cis-1,3-Dichloropropene	9.81	75	60596	18.501	ug/l	100
50) 1,1,2-Trichloroethane	10.54	97	37021	18.675	ug/l	100
51) Ethyl methacrylate	10.40	69	47474	17.602	ug/l	100
52) 1,3-Dichloropropane	10.68	76	61485	18.774	ug/l	100
53) Dibromochloromethane	10.87	129	40373	18.559	ug/l	100
54) 1,2-Dibromoethane	10.98	107	35591	18.716	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	43907	79.256	ug/l	100
56) Bromoform	12.10	173	28020	17.590	ug/l	100
58) 4-Methyl-2-Pentanone	9.95	43	212130	94.363	ug/l	100
59) 2-Hexanone	10.72	43	146740	91.505	ug/l	100
61) Tetrachloroethene	10.60	164	32262	18.832	ug/l	100
62) Toluene	10.12	91	153017	18.476	ug/l	100
64) Chlorobenzene	11.41	112	94722	18.483	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	37405	18.415	ug/l	100
66) Ethyl Benzene	11.48	91	160152	17.739	ug/l	100
67) m/p-Xylenes	11.60	106	121572	35.945	ug/l	100
68) o-Xylene	11.92	106	57749	17.775	ug/l	100
69) Styrene	11.94	104	100556	17.718	ug/l	100
70) Isopropylbenzene	12.22	105	157940	17.871	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	53317	18.812	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	62728	25.608	ug/l	61
73) Bromobenzene	12.50	156	42662	17.900	ug/l	100
74) n-propylbenzene	12.57	91	187725	17.707	ug/l	100
75) 2-Chlorotoluene	12.65	91	113050	17.892	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	134957	17.893	ug/l	100
77) t-1,4-Dichloro-2-butene	12.28	75	15291	17.204	ug/l	100
78) 4-Chlorotoluene	12.75	91	115892	17.790	ug/l	100
79) tert-butylbenzene	12.97	119	110183	17.362	ug/l	100
80) 1,2,4-Trimethylbenzene	13.01	105	129942	17.699	ug/l	100
81) sec-Butylbenzene	13.15	105	152309	17.423	ug/l	100
82) p-Isopropyltoluene	13.26	119	132846	17.141	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	74013	17.786	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	71108	17.484	ug/l	100
85) n-Butylbenzene	13.59	91	103095	16.007	ug/l	100
86) Hexachloroethane	13.85	117	26937	17.648	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	71832	18.023	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.25	75	8002	17.800	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	30359	15.436	ug/l	100
90) Hexachlorobutadiene	14.98	225	25348	17.412	ug/l	100
91) Naphthalene	15.10	128	63520	14.616	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	31384	15.983	ug/l	100

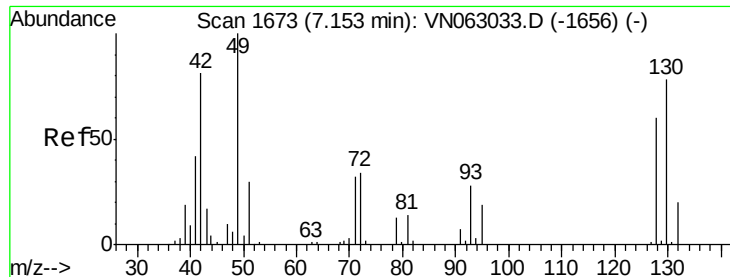
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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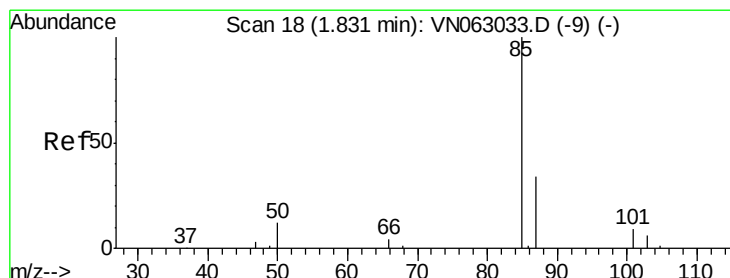
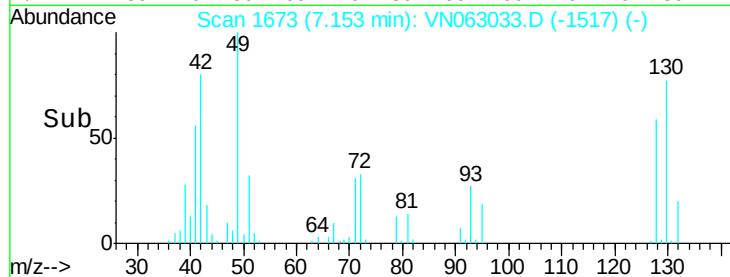
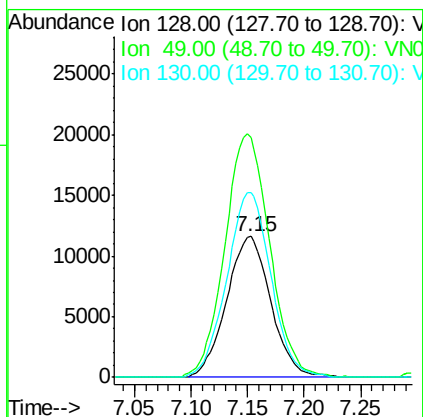
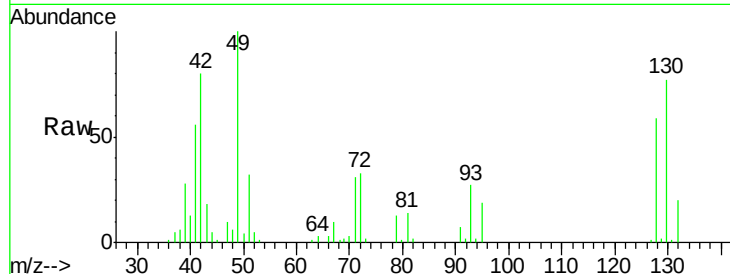
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

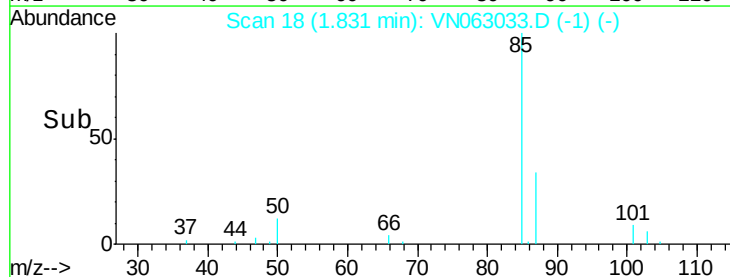
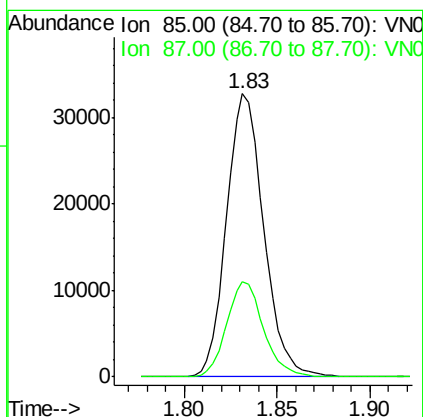
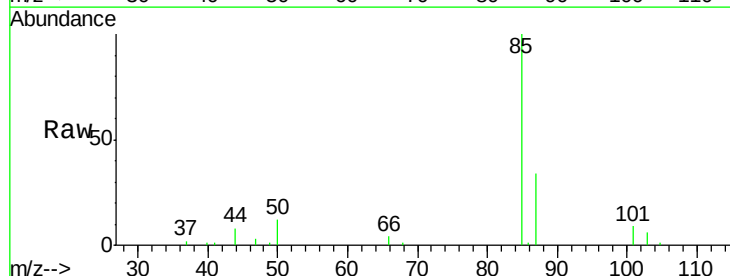
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

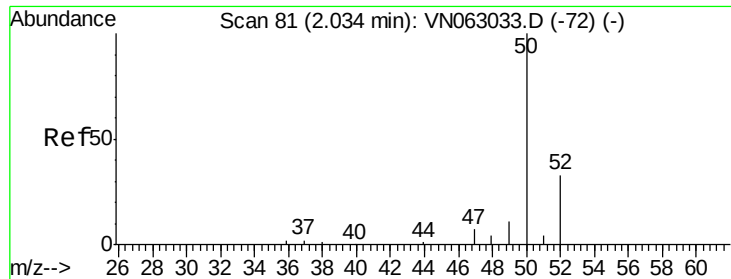
Tgt Ion:128 Resp: 31648
 Ion Ratio Lower Upper
 128 100
 49 175.0 0.0 437.5
 130 130.9 0.0 327.3



#2
 Dichlorodifluoromethane
 Concen: 20.160 ug/l
 RT: 1.83 min Scan# 18
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 85 Resp: 45618
 Ion Ratio Lower Upper
 85 100
 87 33.7 16.9 50.6

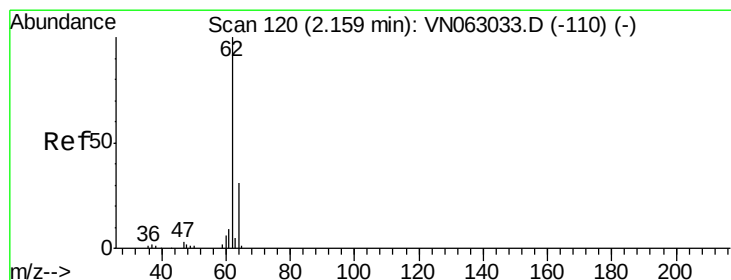
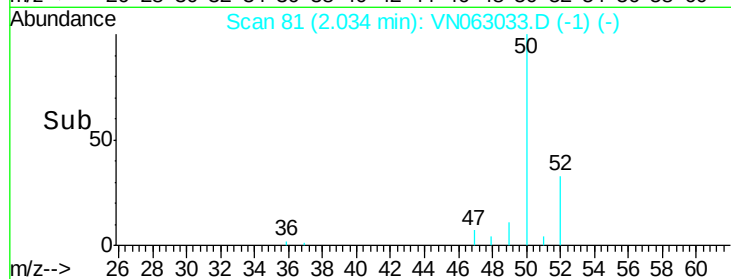
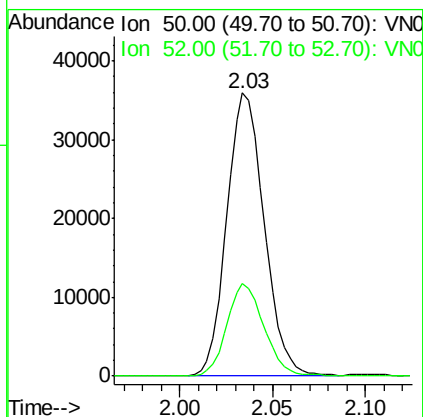
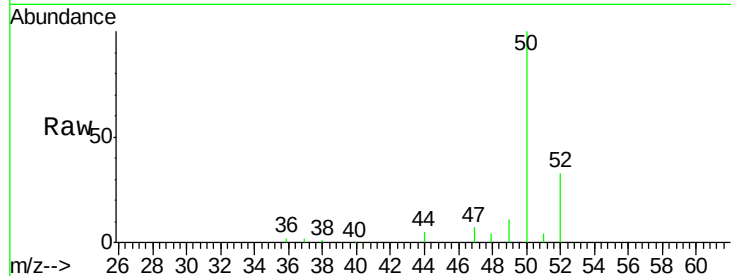




#3
Chloromethane
Concen: 20.102 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

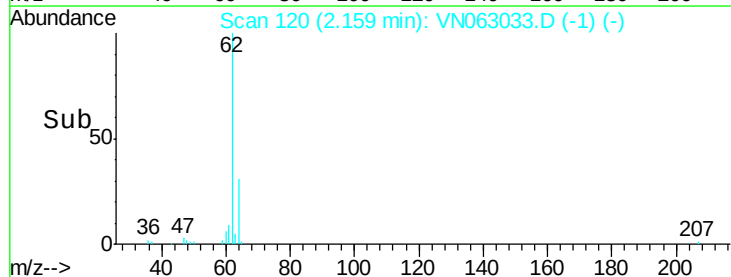
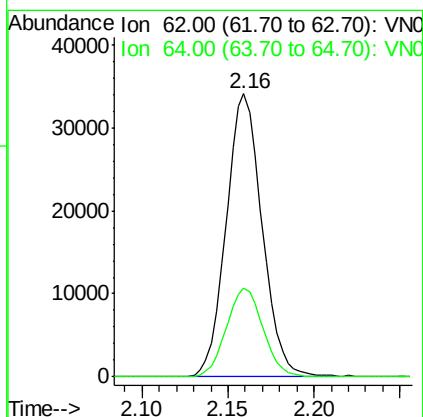
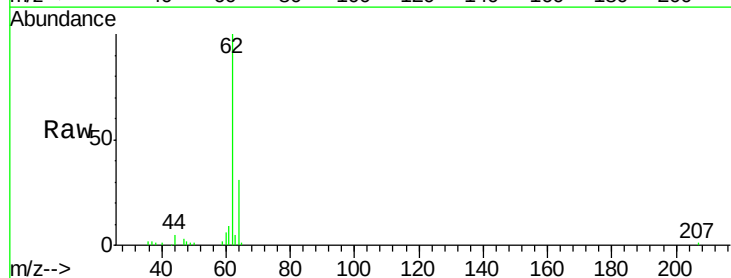
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

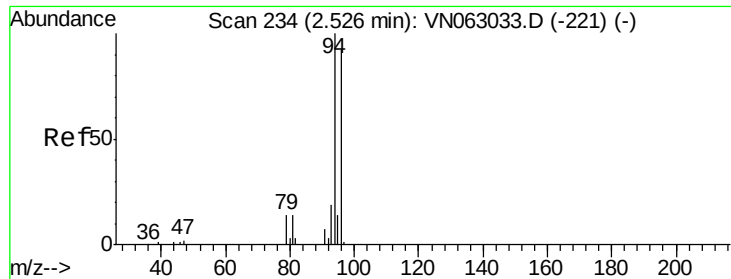
Tgt Ion: 50 Resp: 50333
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 19.731 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 62 Resp: 49733
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5

Bromomethane

Concen: 19.620 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

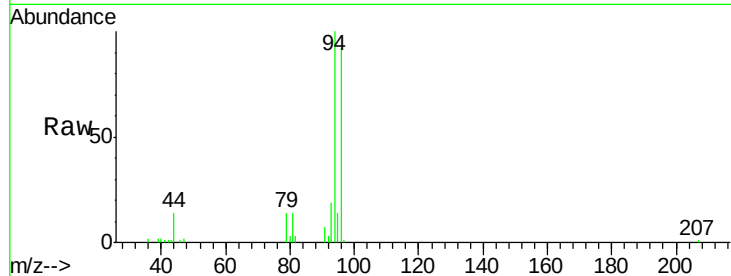
VSTDICCC020

Tgt Ion: 94 Resp: 30485

Ion Ratio Lower Upper

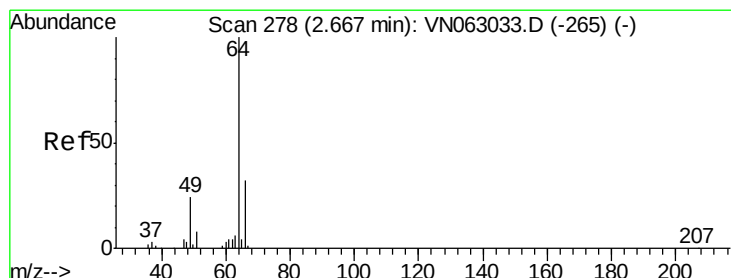
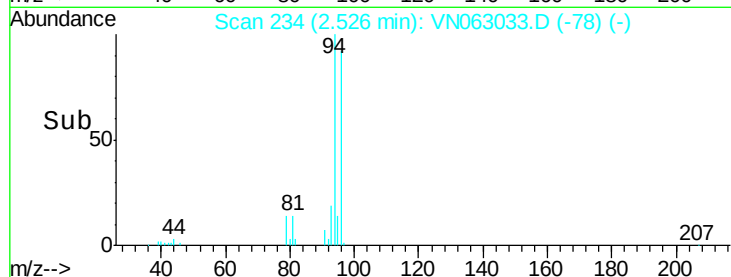
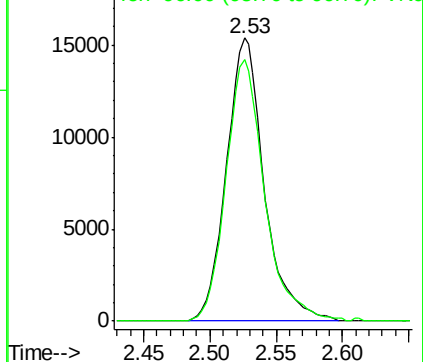
94 100

96 92.5 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.643 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN063033.D

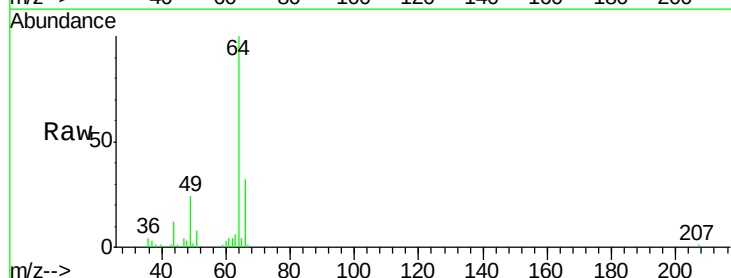
Acq: 20 Aug 2020 13:00

Tgt Ion: 64 Resp: 29263

Ion Ratio Lower Upper

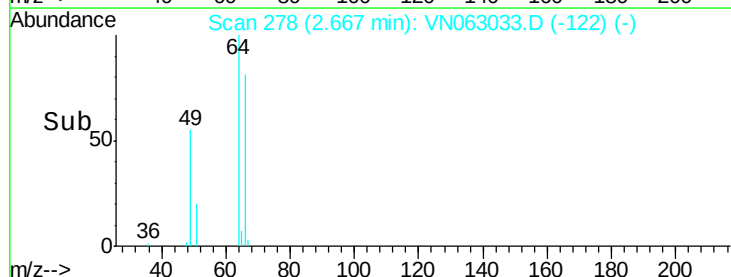
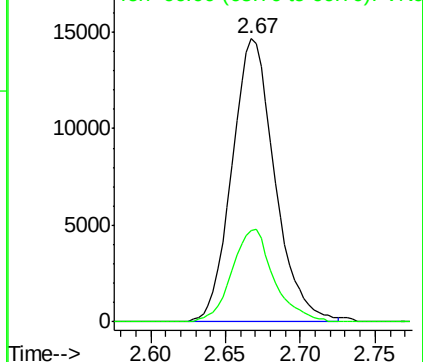
64 100

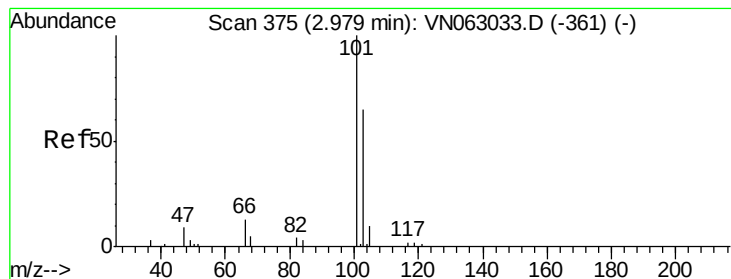
66 32.3 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



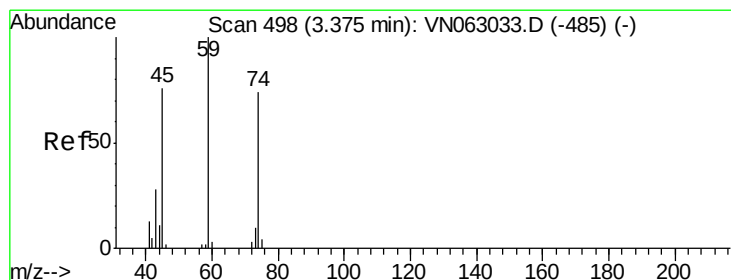
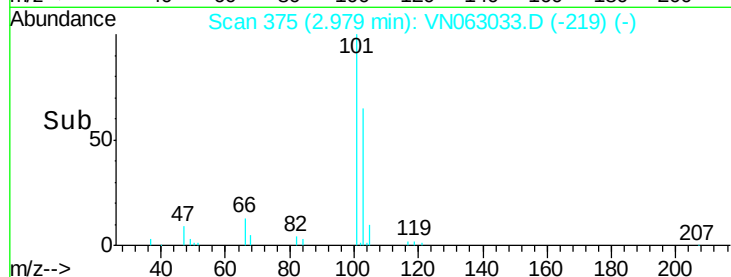
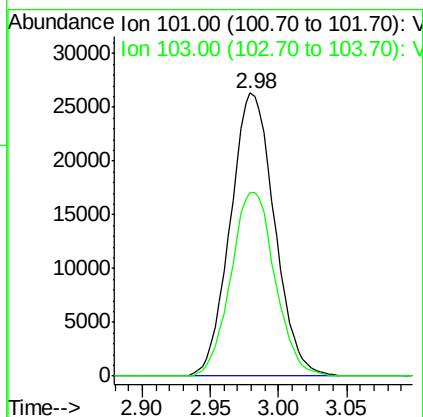
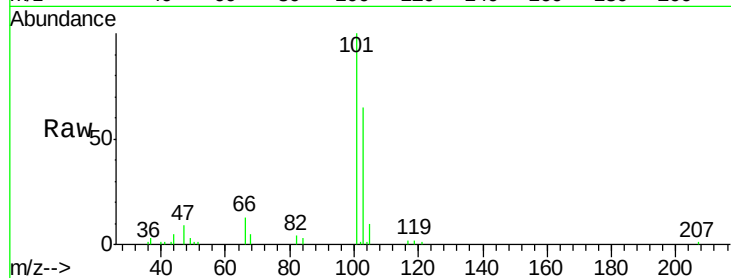


#7

Trichlorofluoromethane
 Concen: 19.437 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
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 ClientSampleId :
 VSTDICCC020

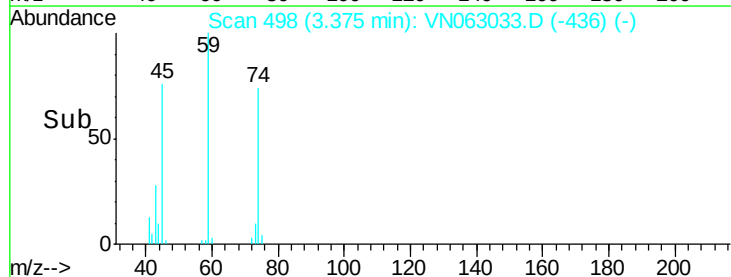
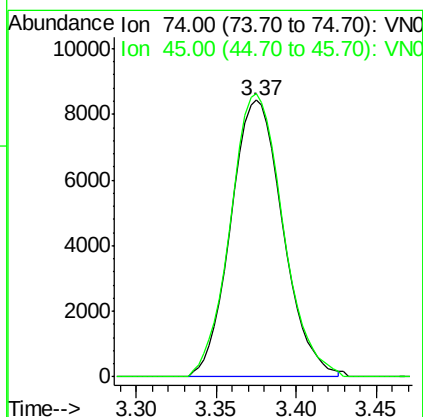
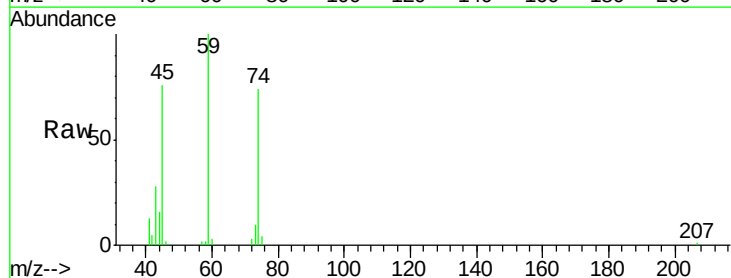
Tgt Ion:101 Resp: 59081
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9

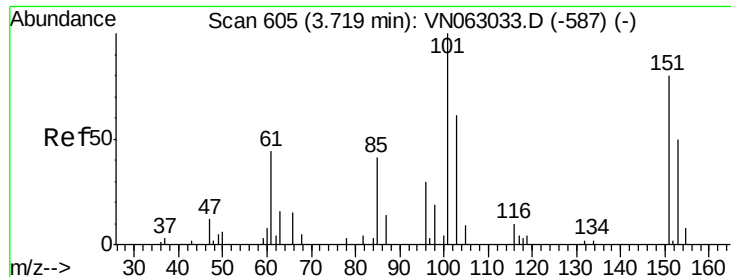


#8

Diethyl Ether
 Concen: 18.624 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 74 Resp: 18828
 Ion Ratio Lower Upper
 74 100
 45 103.0 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.627 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

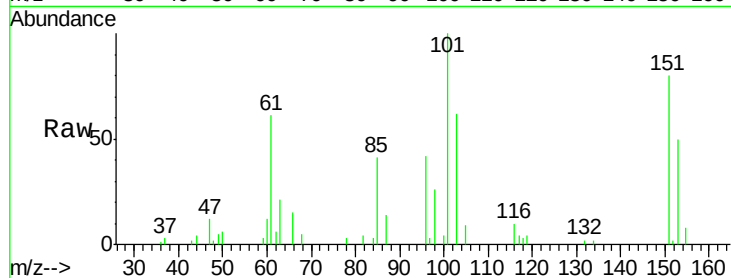
Tgt Ion: 101 Resp: 30614

Ion Ratio Lower Upper

101 100

85 42.5 0.0 85.0

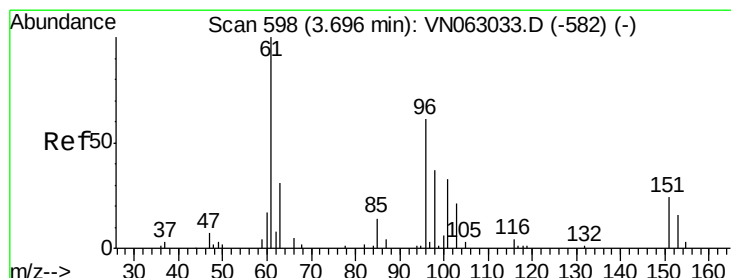
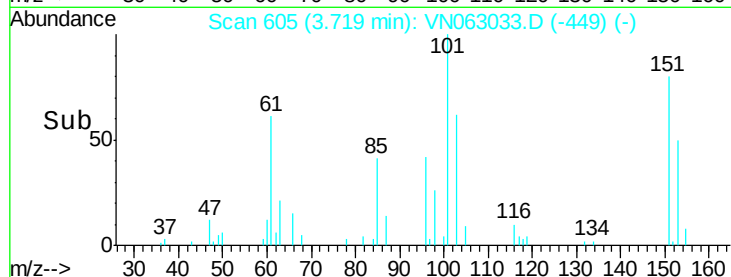
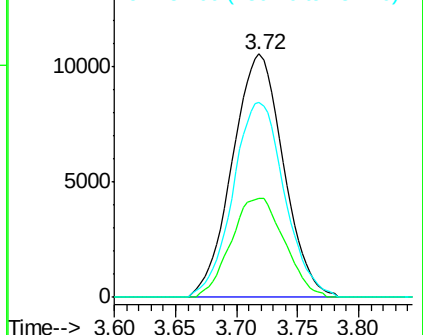
151 80.8 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.652 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

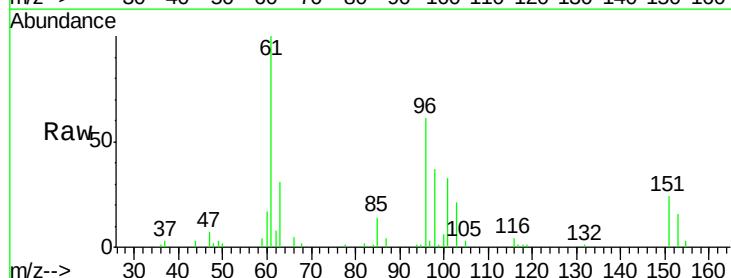
Tgt Ion: 96 Resp: 27546

Ion Ratio Lower Upper

96 100

61 163.5 130.8 196.2

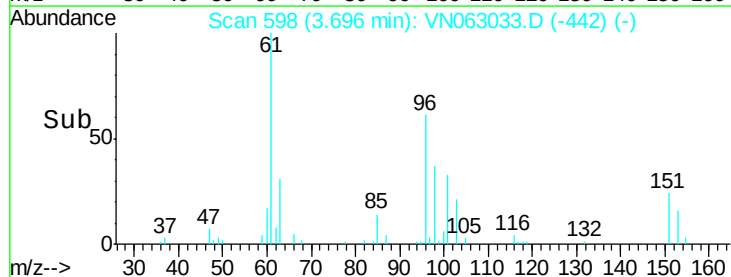
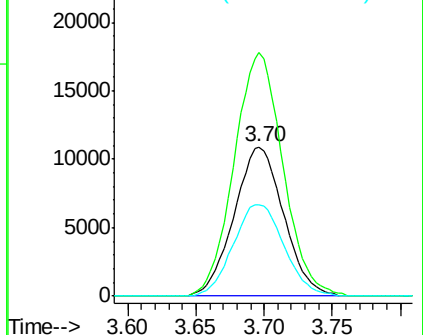
98 61.2 49.0 73.4

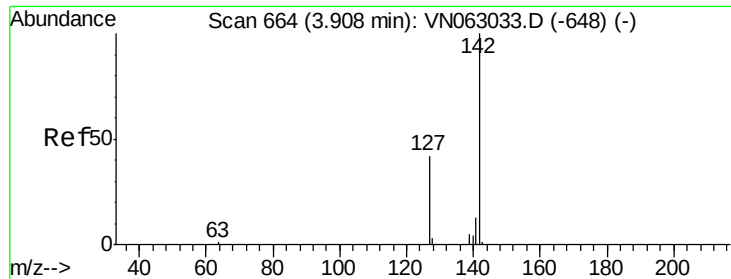


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

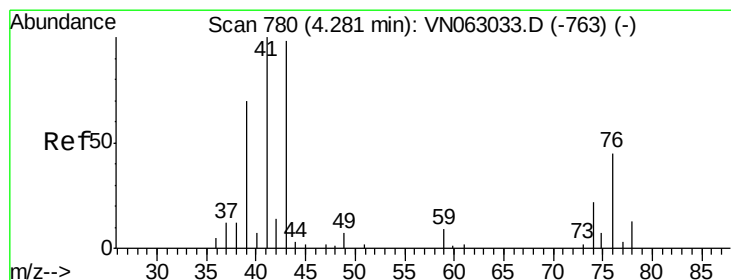
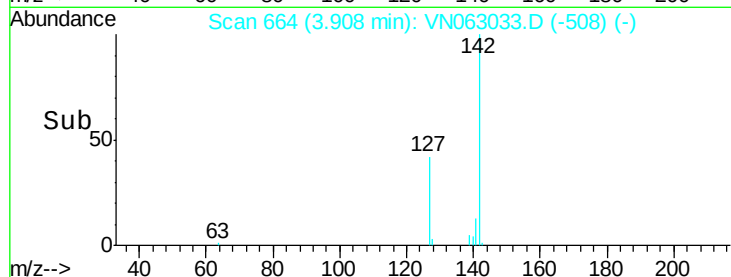
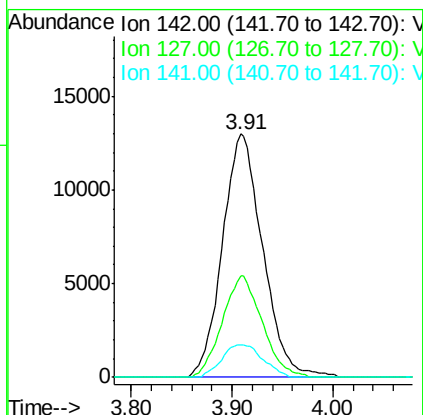
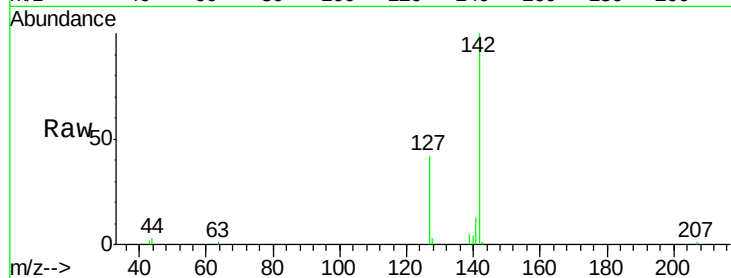




#11
Methyl Iodide
Concen: 17.798 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

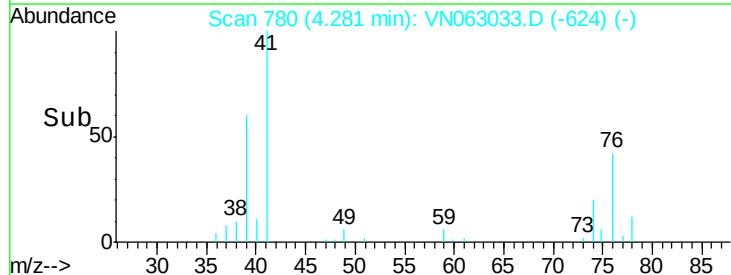
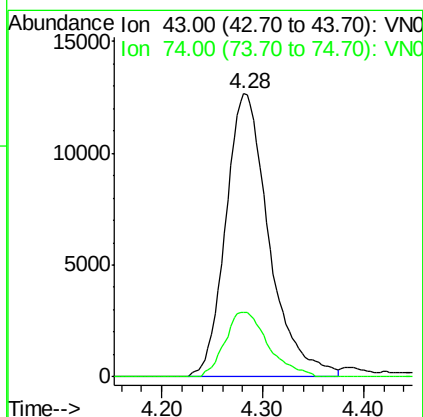
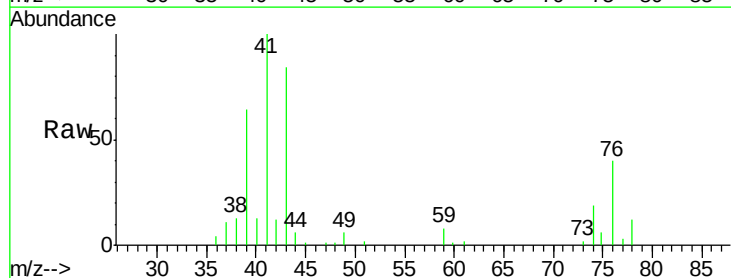
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

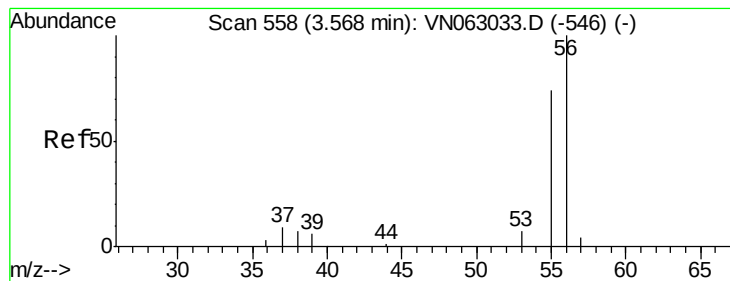
Tgt Ion: 142 Resp: 36063
Ion Ratio Lower Upper
142 100
127 41.9 20.9 62.8
141 13.4 6.7 20.1



#12
Methyl Acetate
Concen: 19.235 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 43 Resp: 37866
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8





#13

Acrolein

Concen: 86.406 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

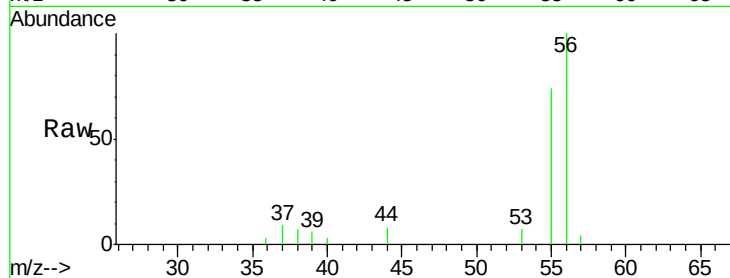
VSTDICCC020

Tgt Ion: 56 Resp: 17433

Ion Ratio Lower Upper

56 100

55 73.4 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VN063033.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN063033.D (-546) (-)

3.57

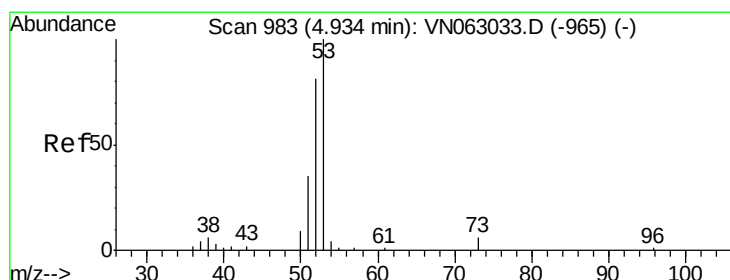
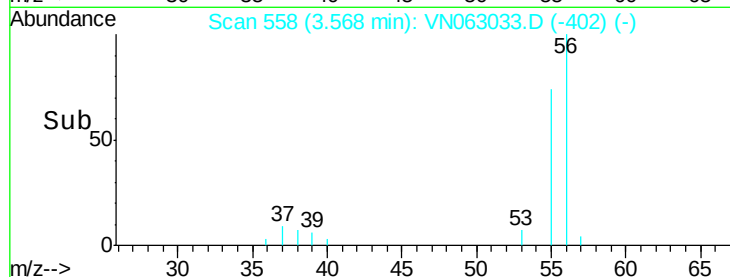
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 94.761 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

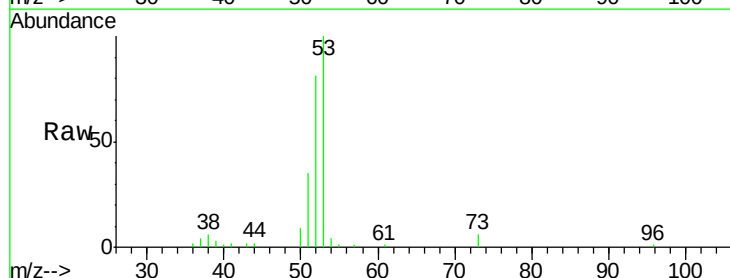
Tgt Ion: 53 Resp: 81682

Ion Ratio Lower Upper

53 100

52 79.8 39.9 119.7

51 34.0 17.0 51.0



Abundance Ion 53.00 (52.70 to 53.70): VN063033.D (-965) (-)

Ion 52.00 (51.70 to 52.70): VN063033.D (-965) (-)

Ion 51.00 (50.70 to 51.70): VN063033.D (-965) (-)

4.93

30000

25000

20000

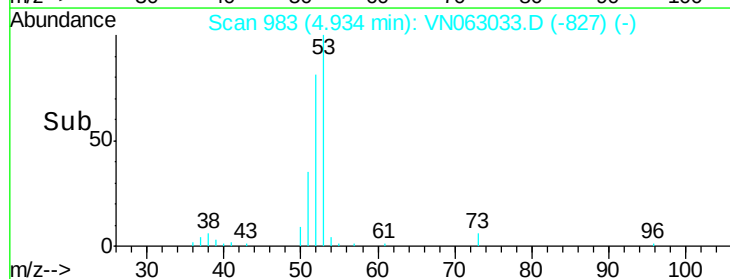
15000

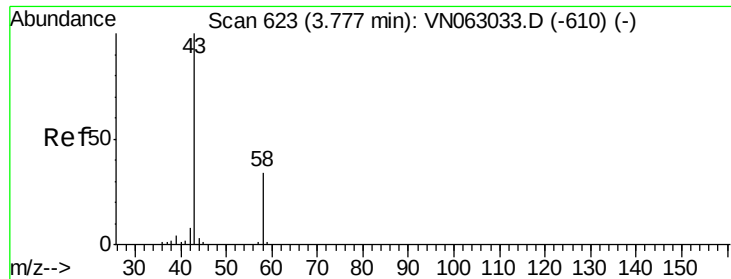
10000

5000

0

Time-->





#15

Acetone

Concen: 94.772 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

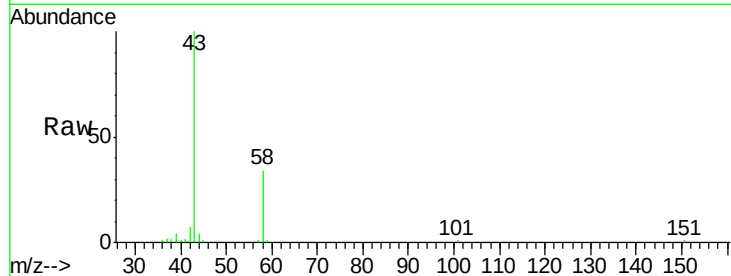
VSTDICCC020

Tgt Ion: 58 Resp: 23643

Ion Ratio Lower Upper

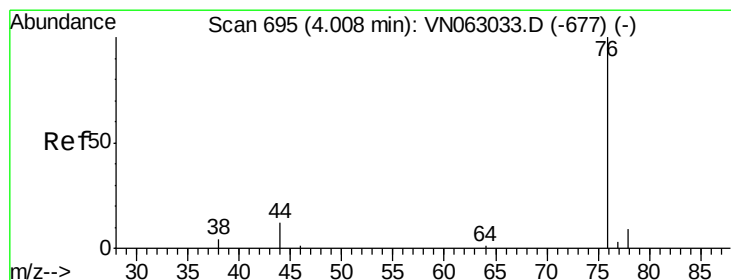
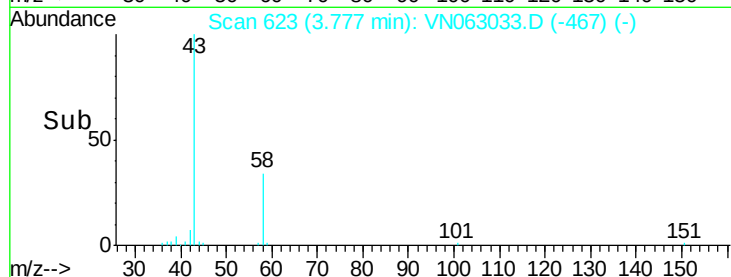
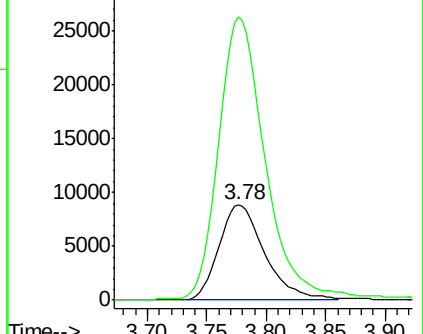
58 100

43 291.5 233.2 349.8



Abundance Ion 58.00 (57.70 to 58.70): VN063033.D (-610) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-610) (-)



#16

Carbon Disulfide

Concen: 18.764 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN063033.D

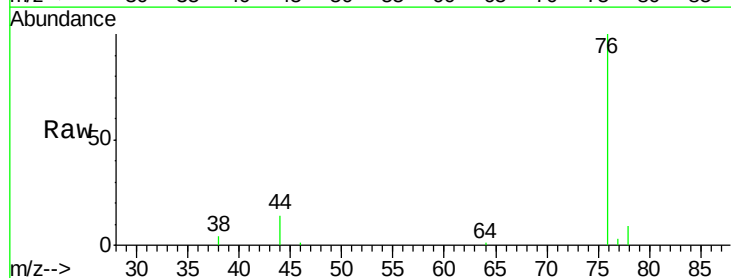
Acq: 20 Aug 2020 13:00

Tgt Ion: 76 Resp: 74396

Ion Ratio Lower Upper

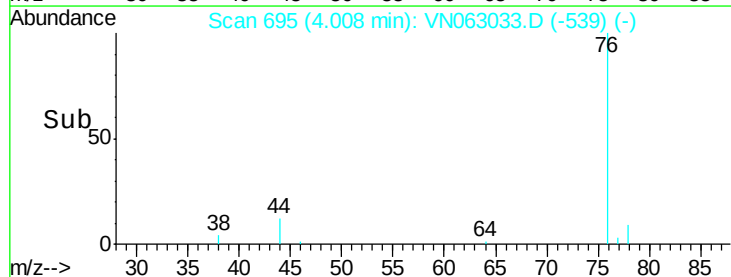
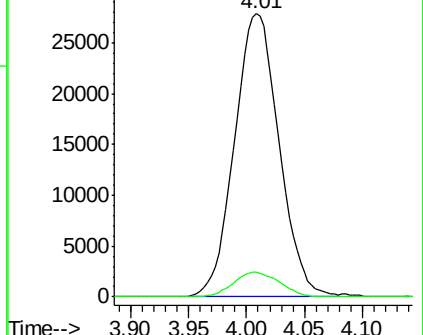
76 100

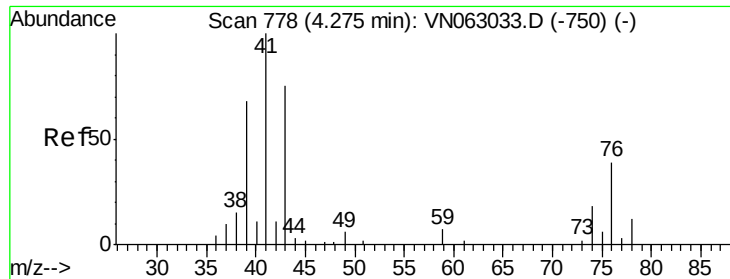
78 8.7 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN063033.D (-677) (-)

Ion 78.00 (77.70 to 78.70): VN063033.D (-677) (-)

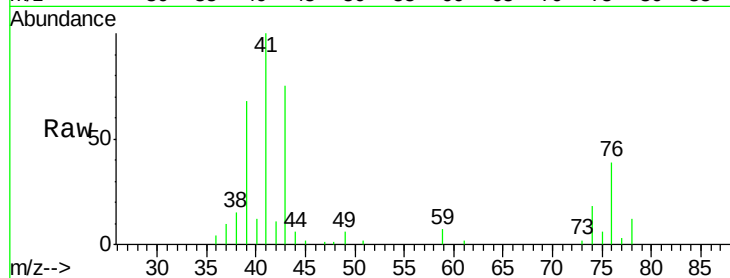




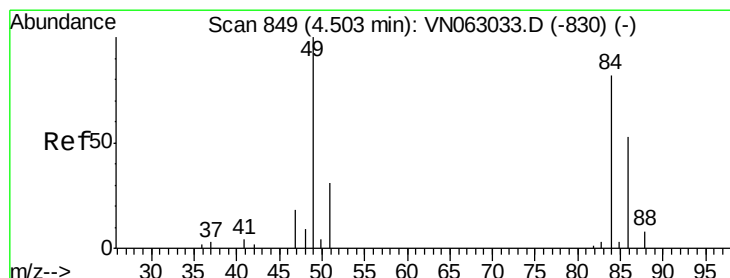
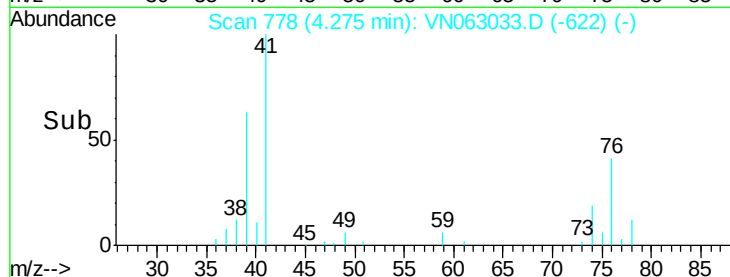
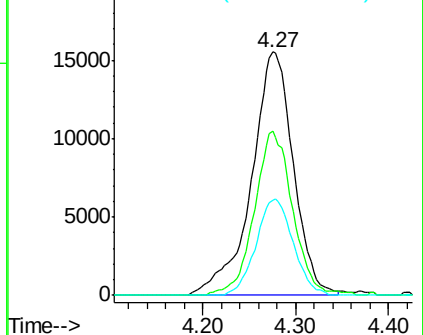
#17
 Allyl chloride
 Concen: 18.086 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 41 Resp: 49011
 Ion Ratio Lower Upper
 41 100
 39 67.6 33.8 101.4
 76 38.9 19.4 58.4

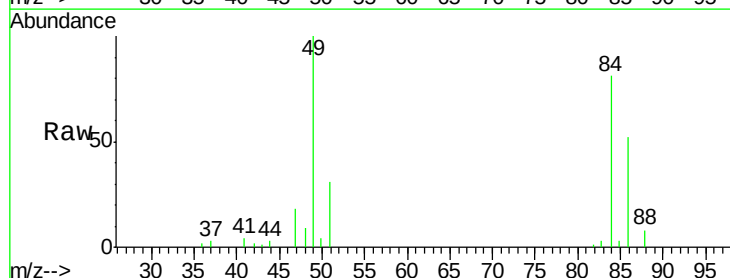


Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0
 Ion 76.00 (75.70 to 76.70): VN0

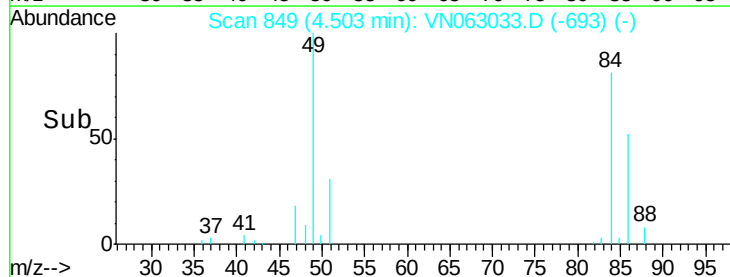
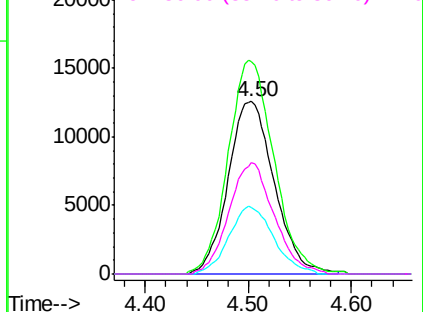


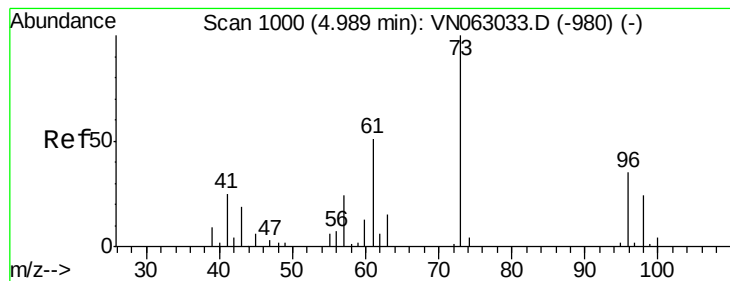
#18
 Methylene Chloride
 Concen: 18.976 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 84 Resp: 39211
 Ion Ratio Lower Upper
 84 100
 49 122.3 97.8 146.8
 51 38.4 30.7 46.1
 86 64.4 51.5 77.3



Abundance Ion 84.00 (83.70 to 84.70): VN0
 Ion 49.00 (48.70 to 49.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0
 Ion 86.00 (85.70 to 86.70): VN0





#19

trans-1,2-Dichloroethene

Concen: 18.414 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

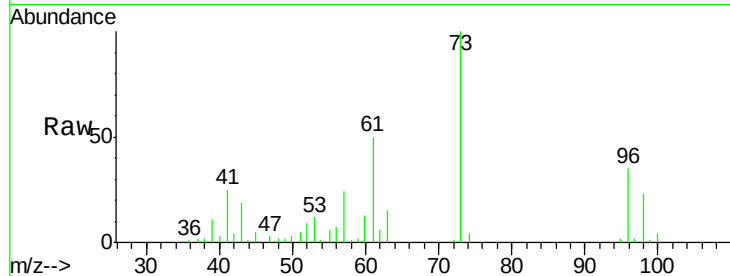
Tgt Ion: 96 Resp: 29905

Ion Ratio Lower Upper

96 100

61 144.9 115.9 173.9

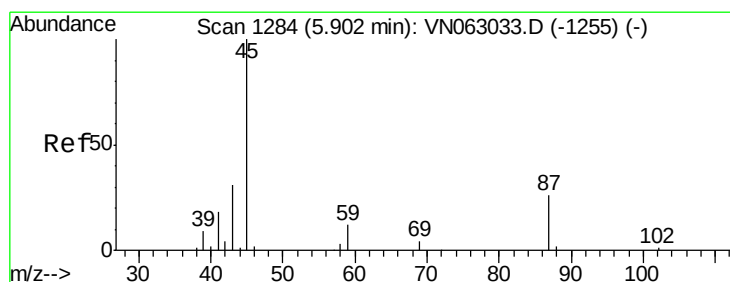
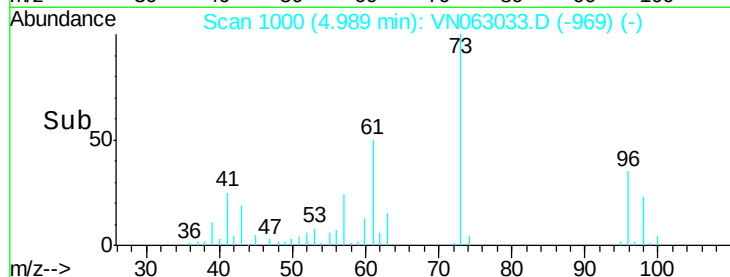
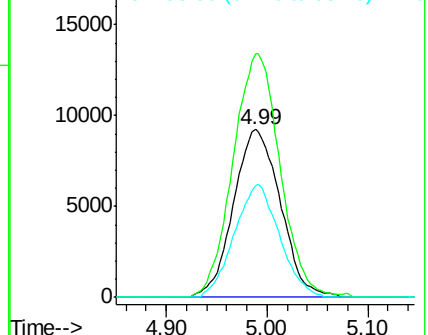
98 66.6 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VN063033.D (-980) (-)

Ion 61.00 (60.70 to 61.70): VN063033.D (-980) (-)

Ion 98.00 (97.70 to 98.70): VN063033.D (-980) (-)



#20

Diisopropyl ether

Concen: 18.943 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Tgt Ion: 45 Resp: 120231

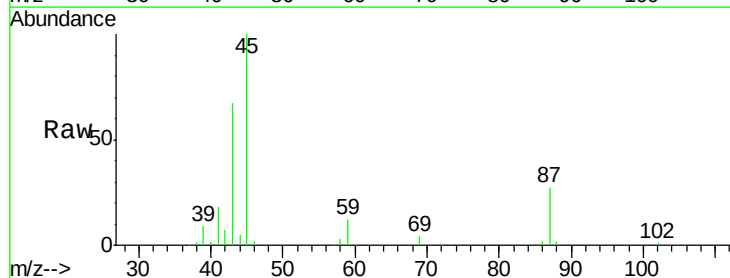
Ion Ratio Lower Upper

45 100

43 64.7 51.8 77.6

87 27.2 21.8 32.6

59 12.0 9.6 14.4

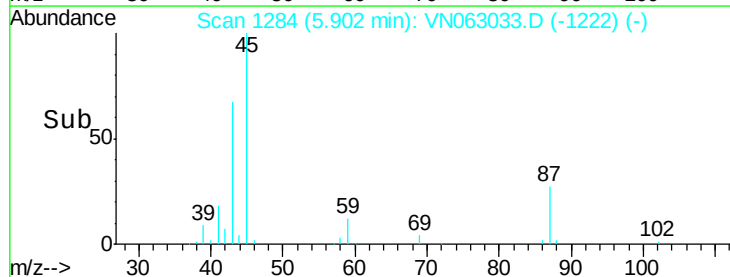
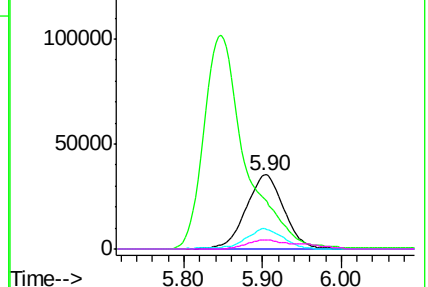


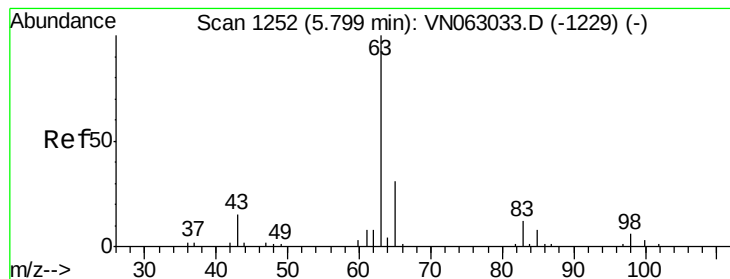
Abundance Ion 45.00 (44.70 to 45.70): VN063033.D (-1255) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-1255) (-)

Ion 87.00 (86.70 to 87.70): VN063033.D (-1255) (-)

Ion 59.00 (58.70 to 59.70): VN063033.D (-1255) (-)





#21

1,1-Dichloroethane

Concen: 18.792 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

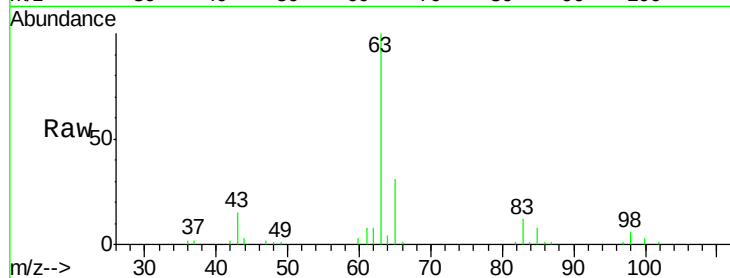
Tgt Ion: 63 Resp: 65458

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 3.5 1.8 5.3

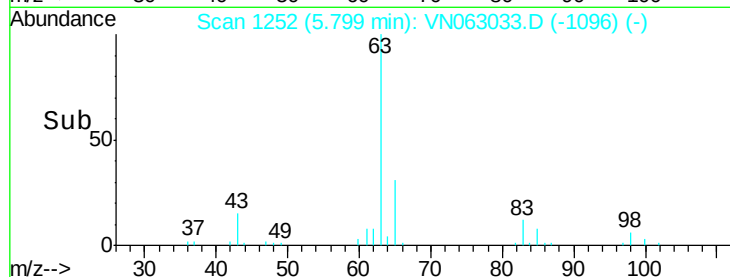


Abundance Ion 63.00 (62.70 to 63.70): VN063033.D (-1229) (-)

Ion 98.00 (97.70 to 98.70): VN063033.D (-1229) (-)

Ion 100.00 (99.70 to 100.70): VN063033.D (-1229) (-)

Time-->



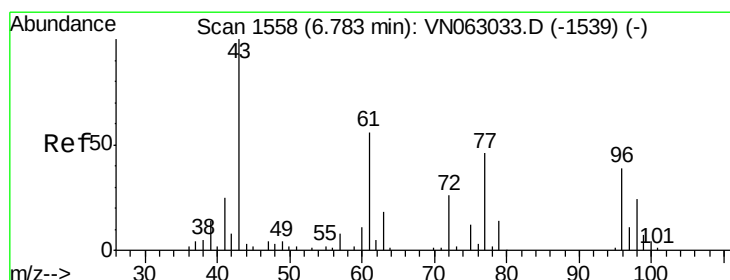
Abundance

Ion 63.00 (62.70 to 63.70): VN063033.D (-1229) (-)

Ion 98.00 (97.70 to 98.70): VN063033.D (-1229) (-)

Ion 100.00 (99.70 to 100.70): VN063033.D (-1229) (-)

Time-->



#22

cis-1,2-Dichloroethene

Concen: 18.267 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

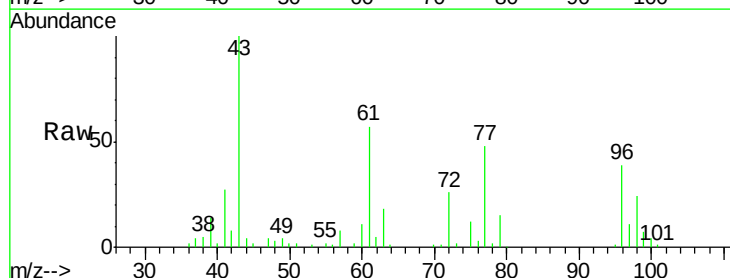
Tgt Ion: 96 Resp: 36763

Ion Ratio Lower Upper

96 100

61 151.1 120.9 181.3

98 62.9 50.3 75.5

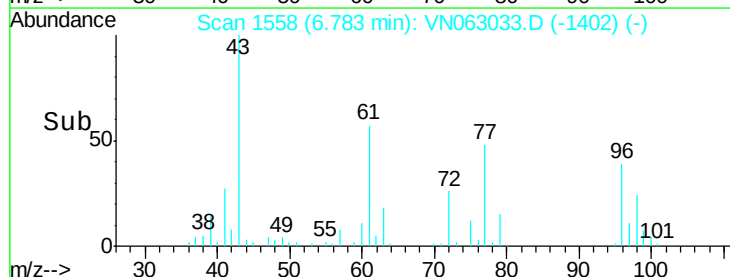


Abundance Ion 96.00 (95.70 to 96.70): VN063033.D (-1539) (-)

Ion 61.00 (60.70 to 61.70): VN063033.D (-1539) (-)

Ion 98.00 (97.70 to 98.70): VN063033.D (-1539) (-)

Time-->



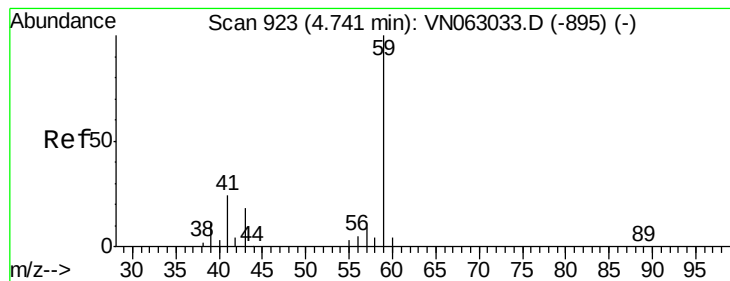
Abundance

Ion 96.00 (95.70 to 96.70): VN063033.D (-1539) (-)

Ion 61.00 (60.70 to 61.70): VN063033.D (-1539) (-)

Ion 98.00 (97.70 to 98.70): VN063033.D (-1539) (-)

Time-->



#23

tert-Butyl Alcohol

Concen: 96.068 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

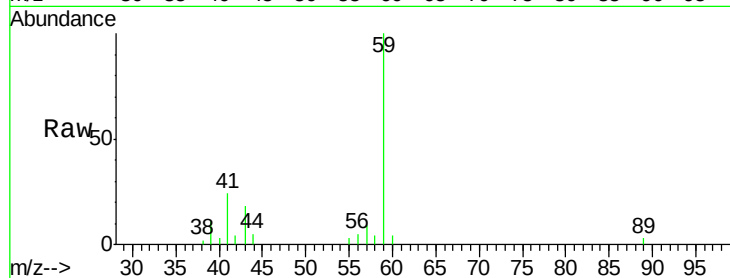
VSTDICCC020

Tgt Ion: 59 Resp: 27129

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN063033.D (-895) (-)

Ion 52.00 (51.70 to 52.70): VN063033.D (-895) (-)

4.74

8000

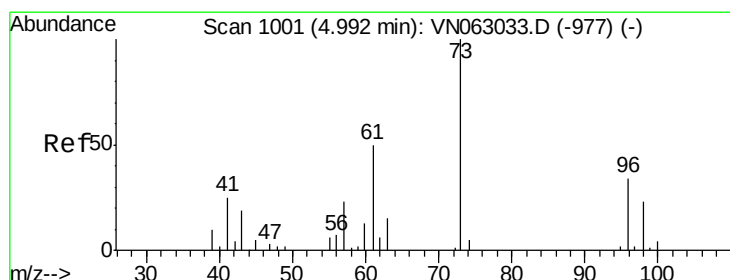
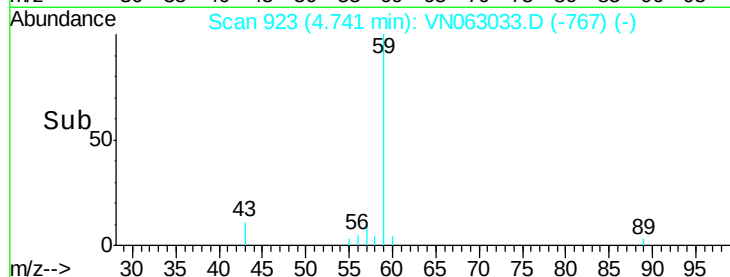
6000

4000

2000

0

Time-->



#24

Methyl tert-Butyl Ether

Concen: 18.369 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN063033.D

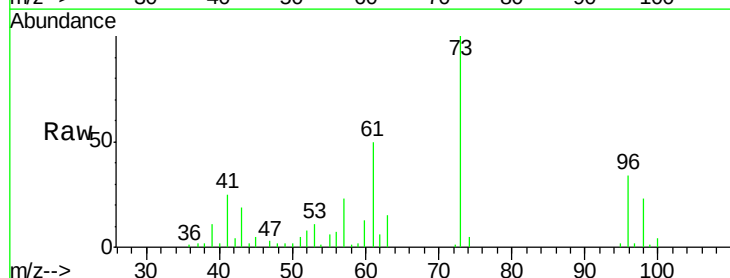
Acq: 20 Aug 2020 13:00

Tgt Ion: 73 Resp: 99522

Ion Ratio Lower Upper

73 100

43 19.7 15.8 23.6



Abundance Ion 73.00 (72.70 to 73.70): VN063033.D (-977) (-)

Ion 43.00 (42.70 to 43.70): VN063033.D (-977) (-)

4.99

30000

25000

20000

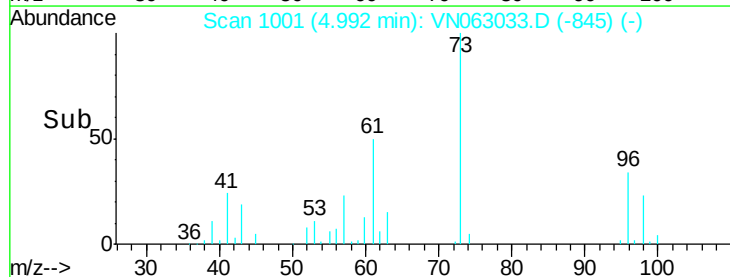
15000

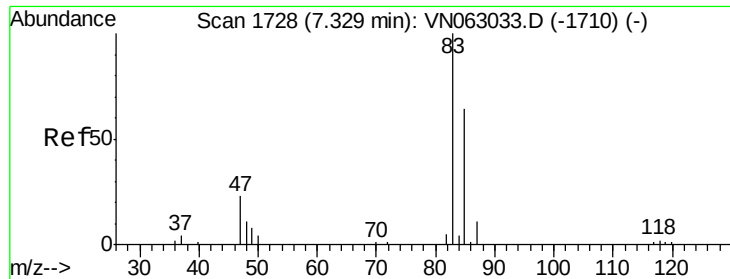
10000

5000

0

Time-->

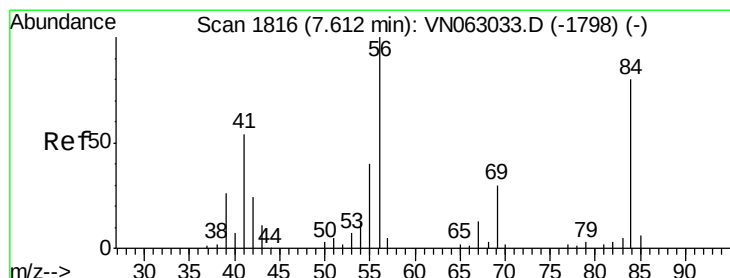
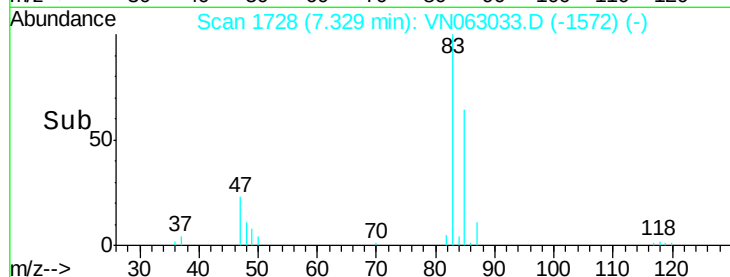
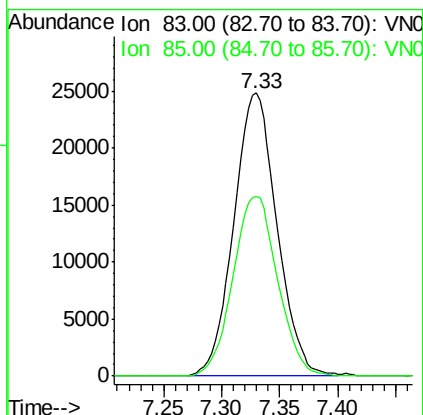
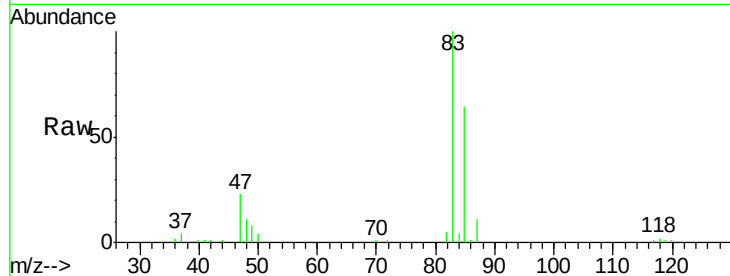




#25
Chloroform
Concen: 18.534 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

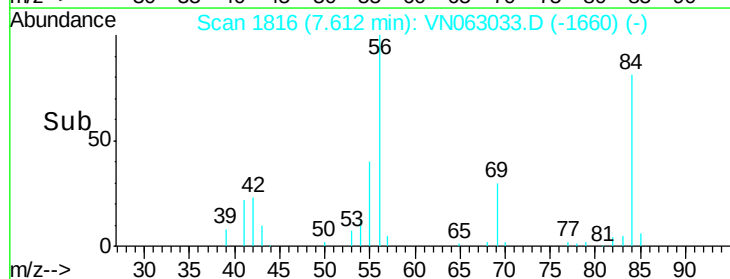
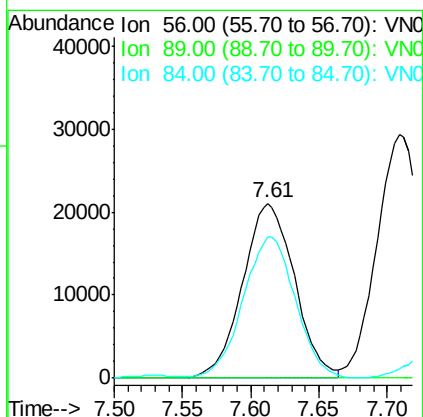
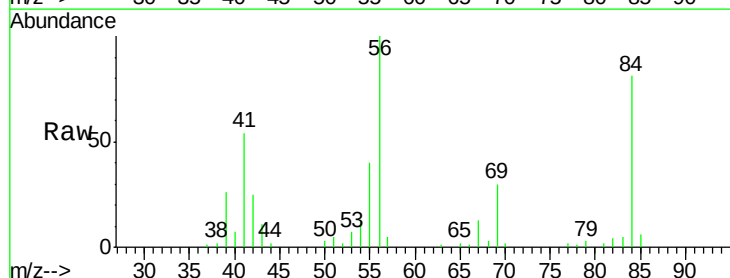
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

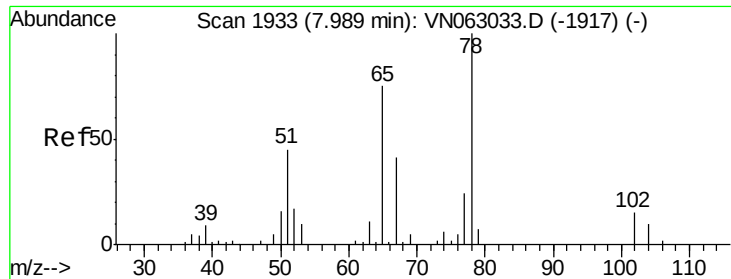
Tgt Ion: 83 Resp: 64294
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4



#26
Cyclohexane
Concen: 18.586 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 56 Resp: 55733
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 81.2 65.0 97.4

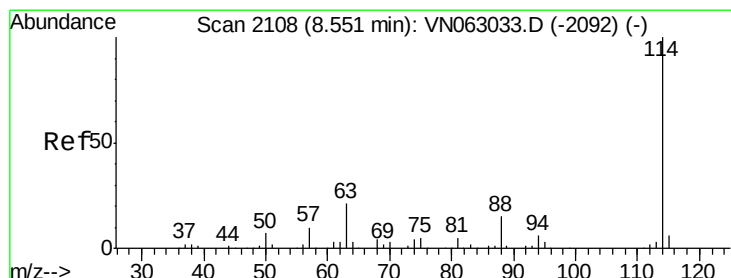
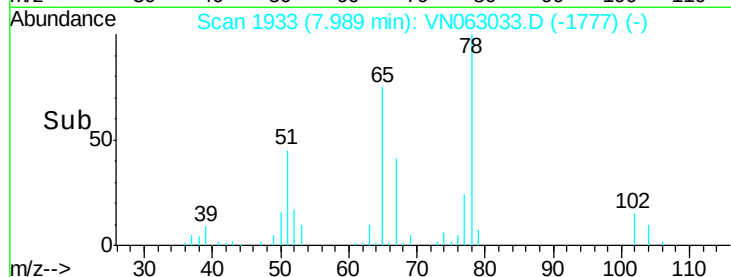
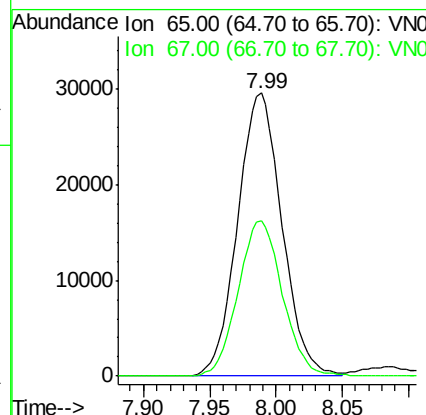
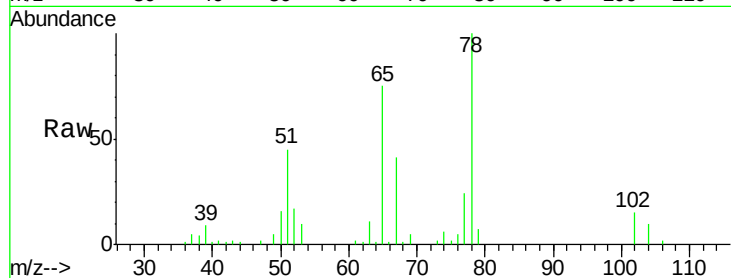




#27
 1,2-Dichloroethane-d4
 Concen: 30.676 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

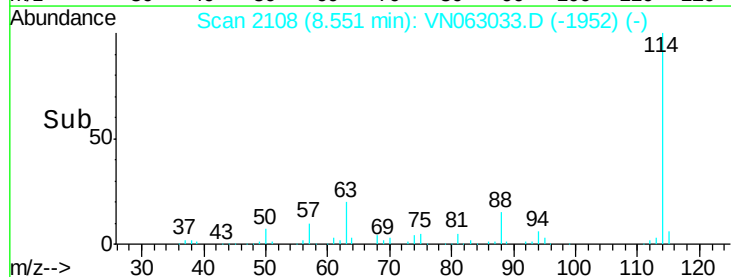
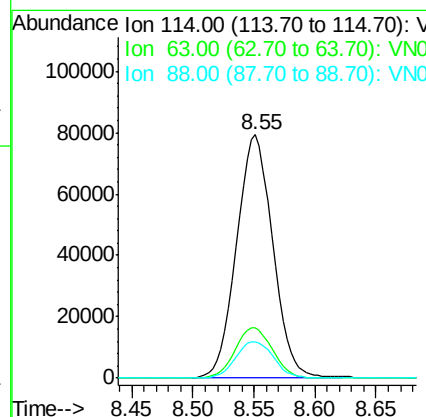
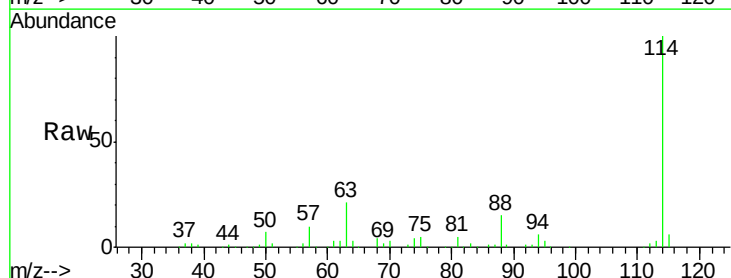
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

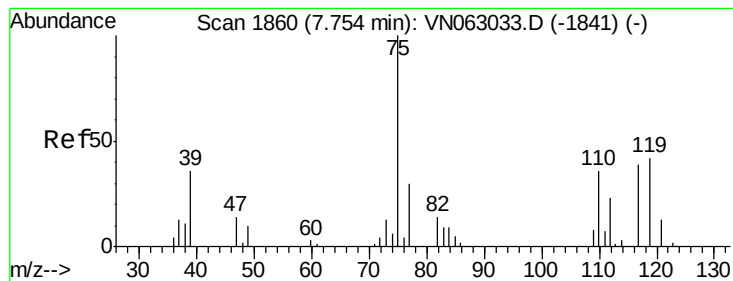
Tgt Ion: 65 Resp: 68787
 Ion Ratio Lower Upper
 65 100
 67 54.7 43.8 65.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 114 Resp: 163490
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.0 25.6
 88 15.7 12.6 18.8





#29

1,1-Dichloropropene

Concen: 18.308 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

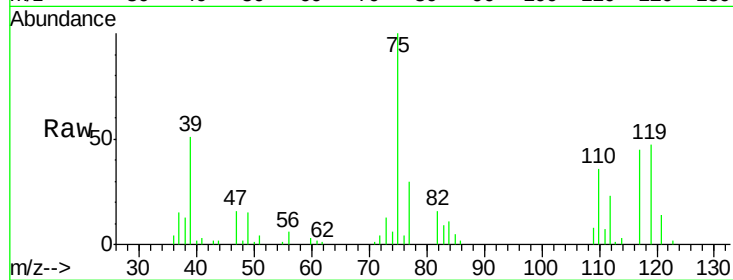
Tgt Ion: 75 Resp: 43468

Ion Ratio Lower Upper

75 100

110 35.3 0.0 70.6

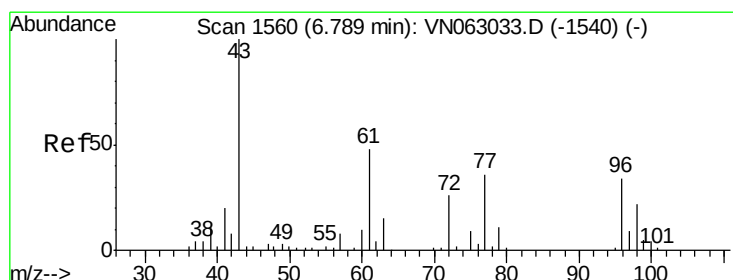
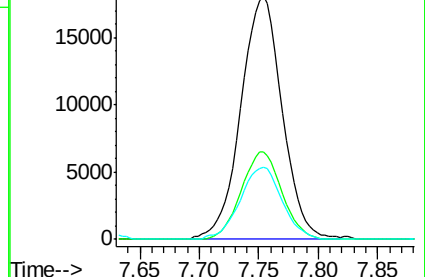
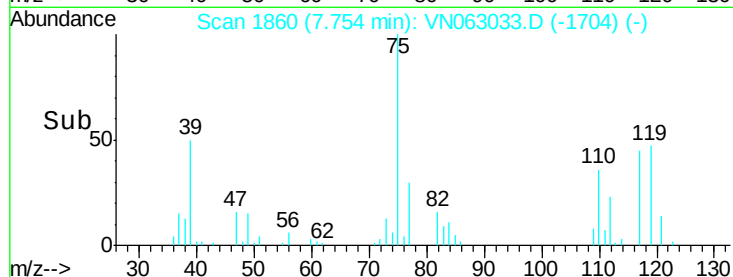
77 30.1 0.0 60.2



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-1841) (-)

Ion 110.00 (109.70 to 110.70): VN063033.D (-1841) (-)

Ion 77.00 (76.70 to 77.70): VN063033.D (-1841) (-)



#30

2-Butanone

Concen: 92.635 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

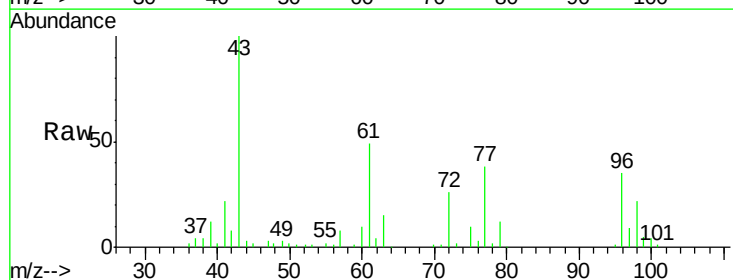
Tgt Ion: 43 Resp: 102513

Ion Ratio Lower Upper

43 100

57 8.2 6.6 9.8

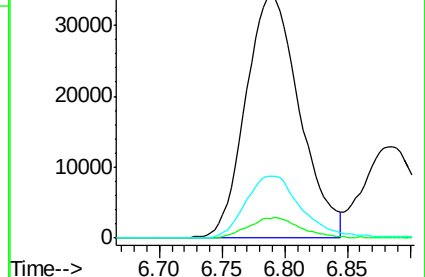
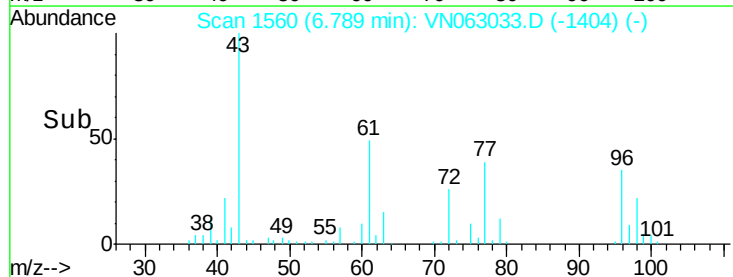
72 26.6 21.3 31.9

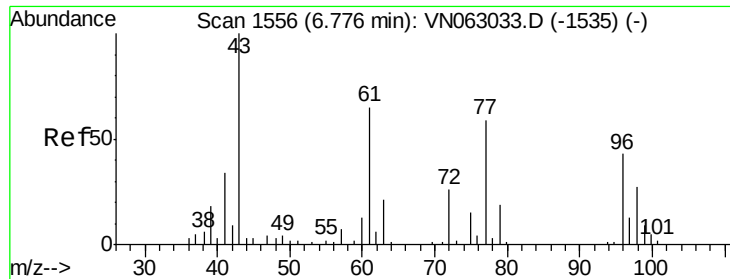


Abundance Ion 43.00 (42.70 to 43.70): VN063033.D (-1540) (-)

Ion 57.00 (56.70 to 57.70): VN063033.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN063033.D (-1540) (-)

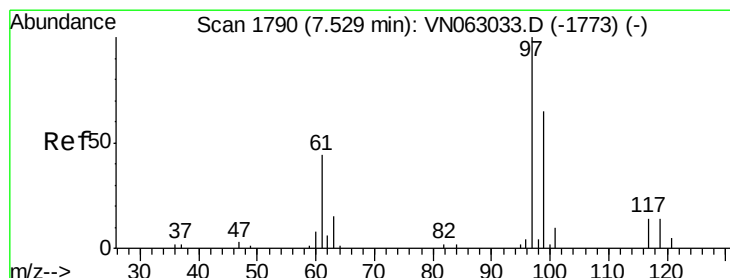
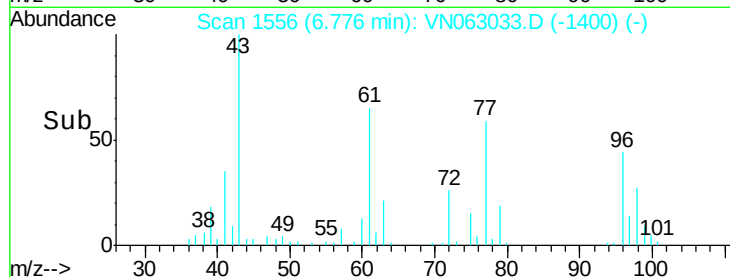
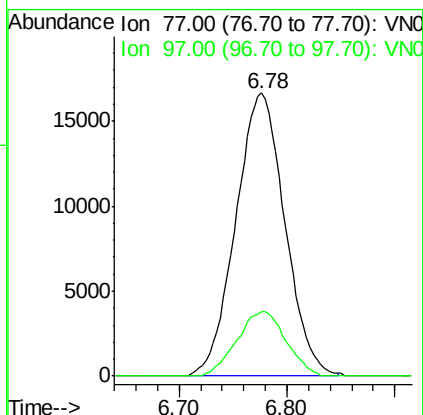
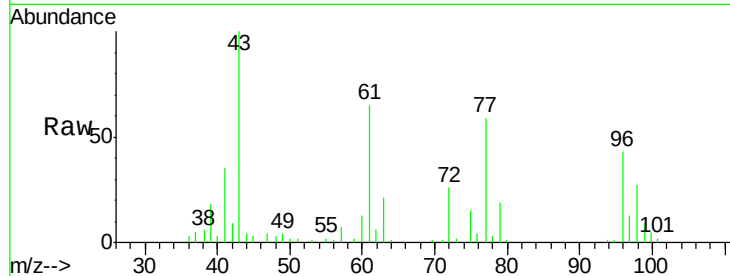




#31
 2,2-Dichloropropane
 Concen: 18.251 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

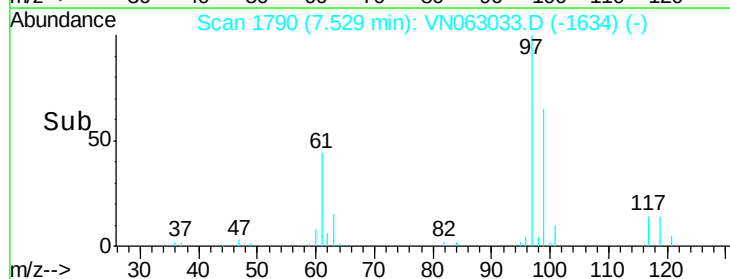
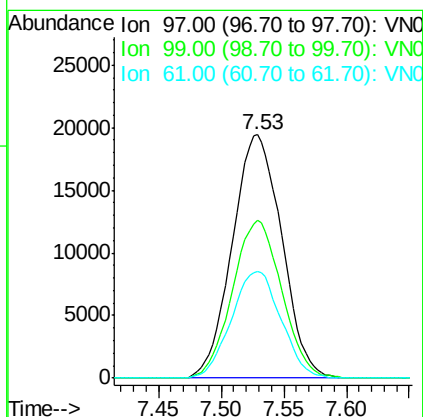
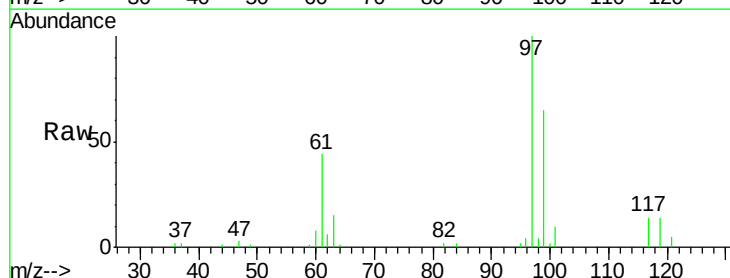
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

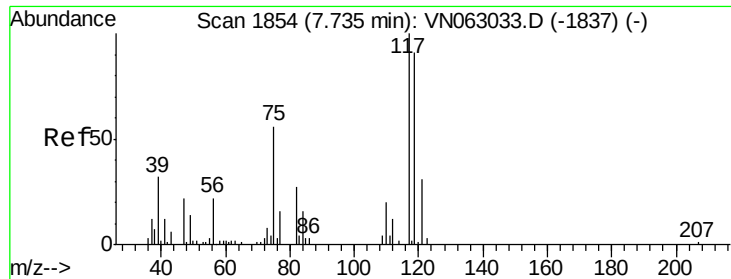
Tgt Ion: 77 Resp: 52672
 Ion Ratio Lower Upper
 77 100
 97 22.8 18.2 27.4



#32
 1,1,1-Trichloroethane
 Concen: 18.643 ug/l
 RT: 7.53 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 97 Resp: 53311
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 44.1 35.3 52.9

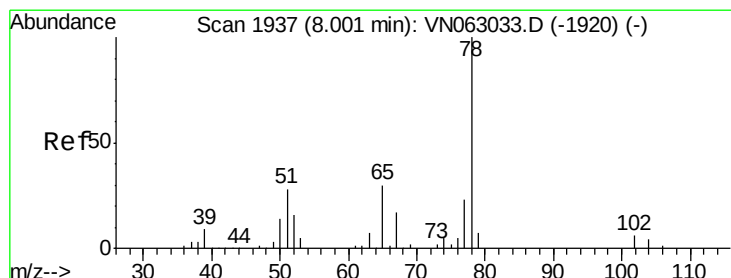
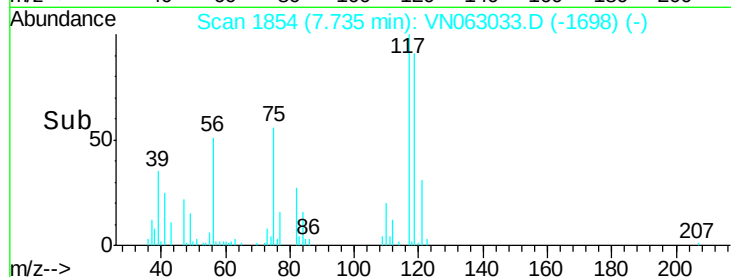
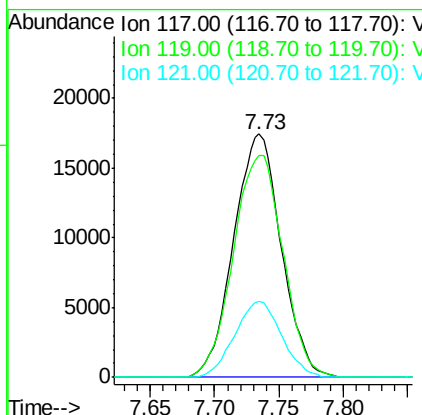
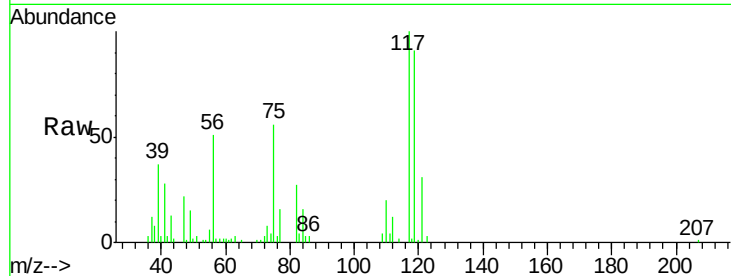




#33
Carbon Tetrachloride
Concen: 18.382 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

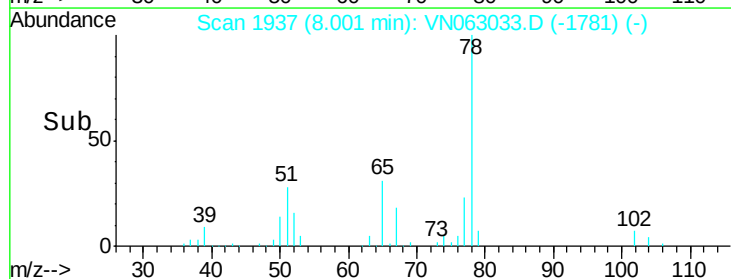
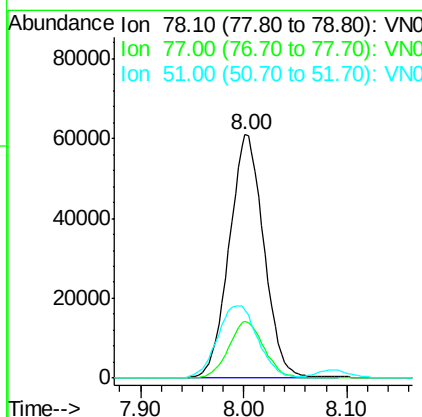
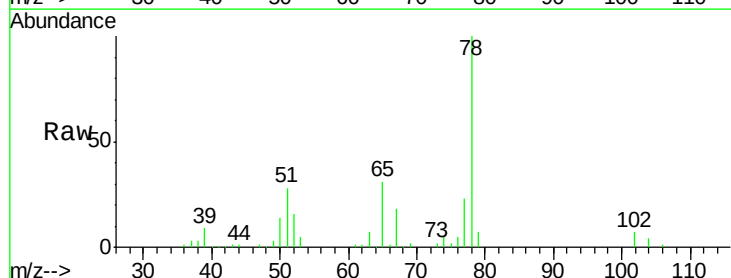
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

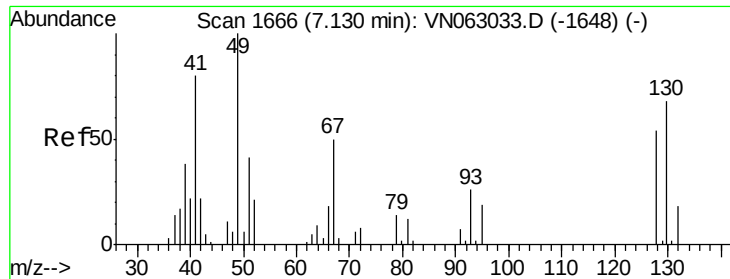
Tgt Ion: 117 Resp: 44762
Ion Ratio Lower Upper
117 100
119 91.2 73.0 109.4
121 31.1 24.9 37.3



#34
Benzene
Concen: 18.781 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 78 Resp: 142900
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
51 27.7 22.2 33.2

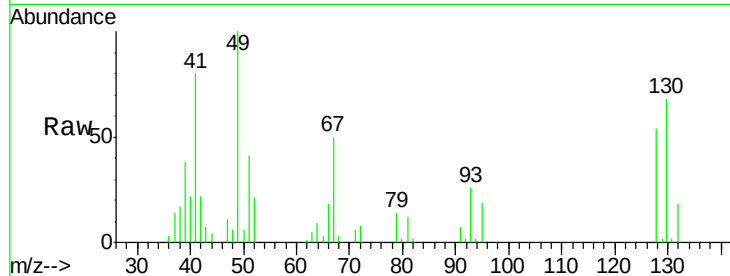




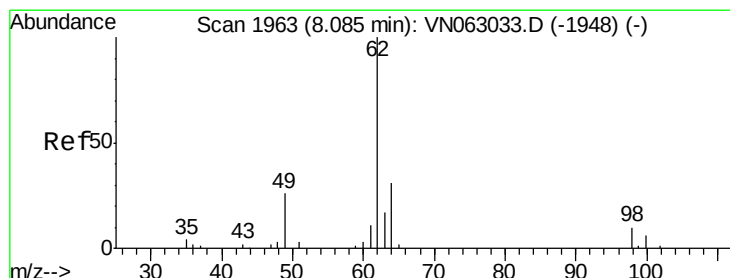
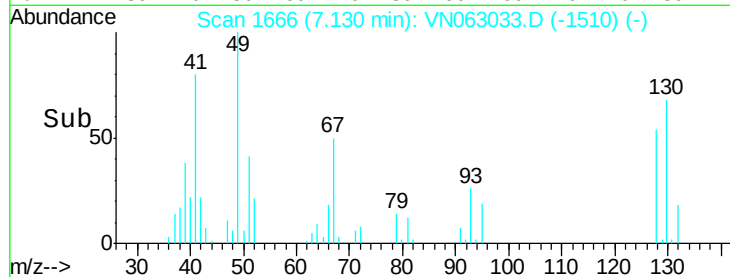
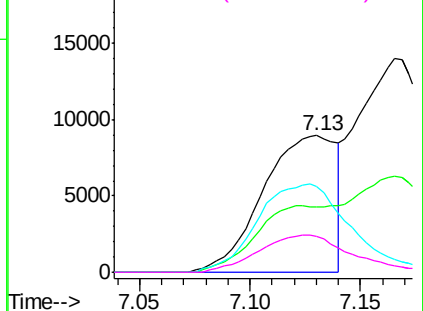
#35
Methacrylonitrile
Concen: 20.047 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:	41	Resp:	20689
Ion	Ratio	Lower	Upper
41	100		
39	47.4	23.7	71.1
67	63.1	31.6	94.7
52	26.2	13.1	39.3

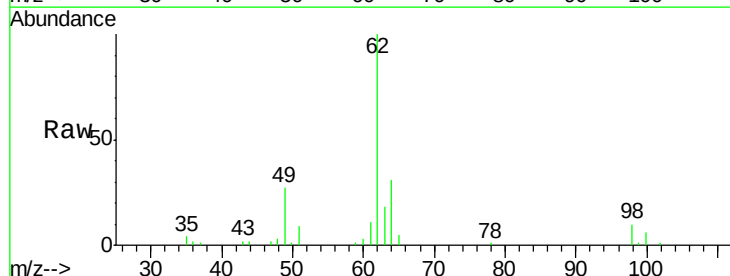


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

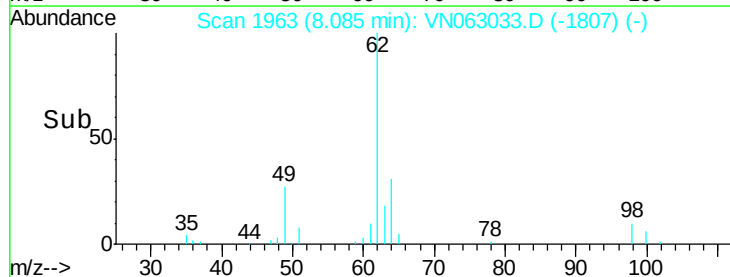
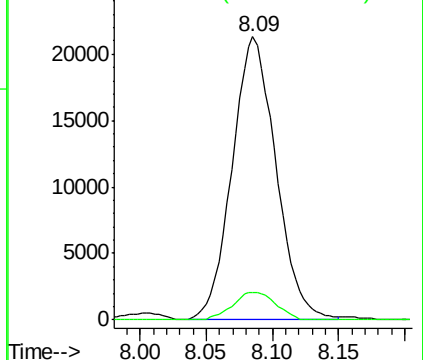


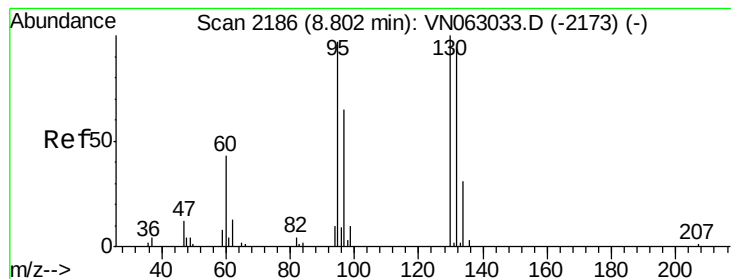
#36
1,2-Dichloroethane
Concen: 18.883 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion:	62	Resp:	49015
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.6	11.4



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#37

Trichloroethene

Concen: 18.629 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

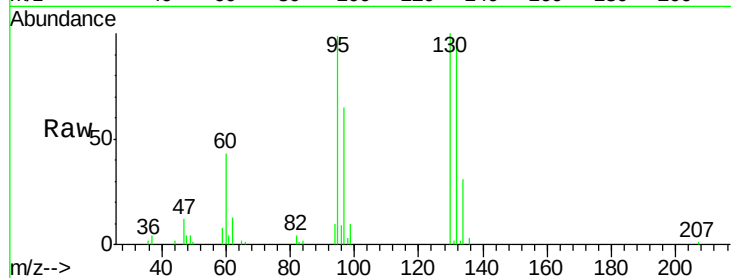
VSTDICCC020

Tgt Ion:130 Resp: 34713

Ion Ratio Lower Upper

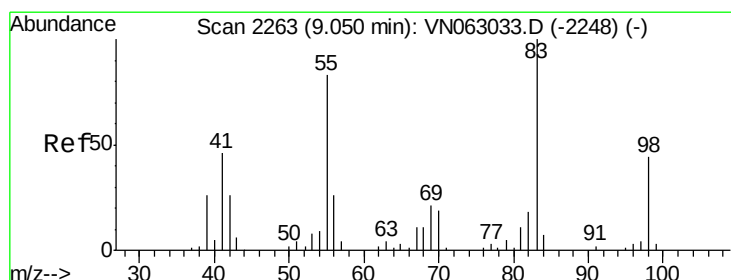
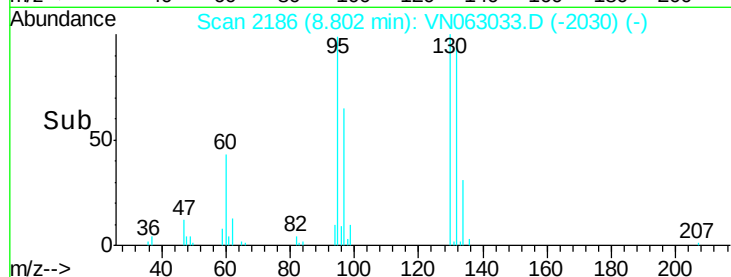
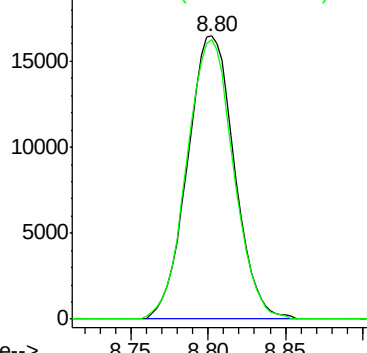
130 100

95 98.6 78.9 118.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 17.752 ug/l

RT: 9.05 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

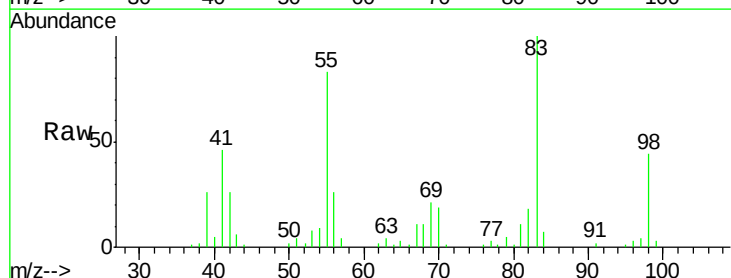
Tgt Ion: 83 Resp: 52866

Ion Ratio Lower Upper

83 100

55 83.8 41.9 125.7

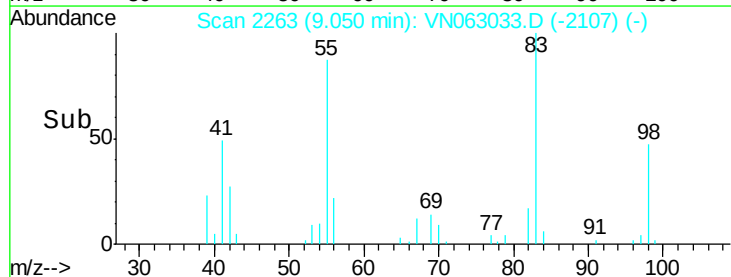
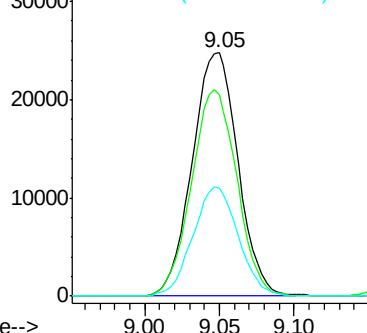
98 44.4 22.2 66.6

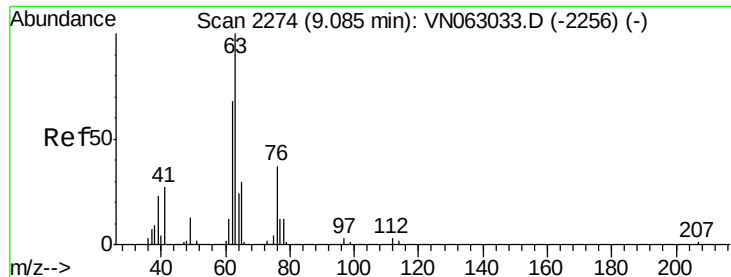


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

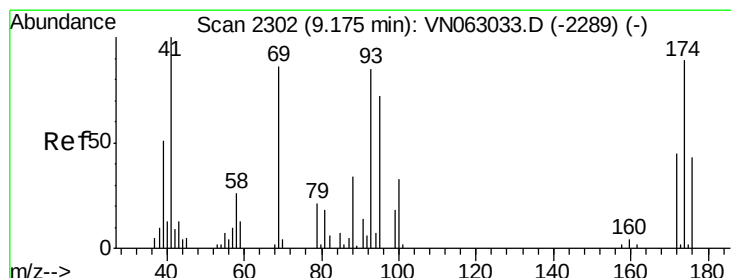
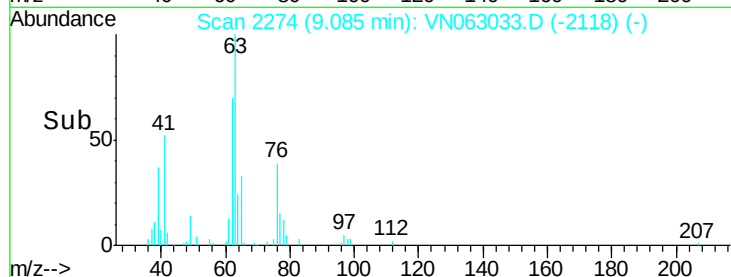
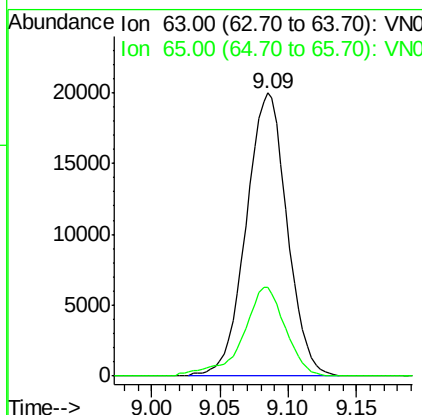
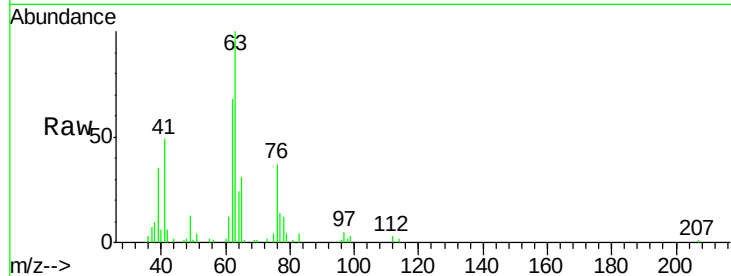




#39
 1,2-Dichloropropane
 Concen: 18.783 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

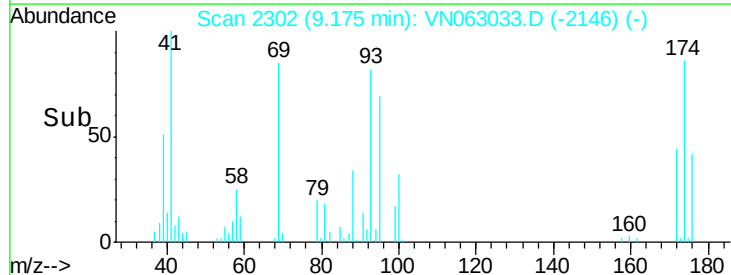
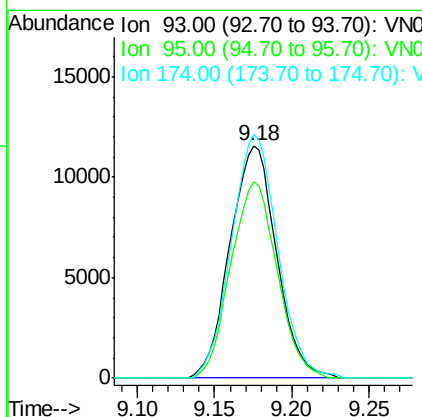
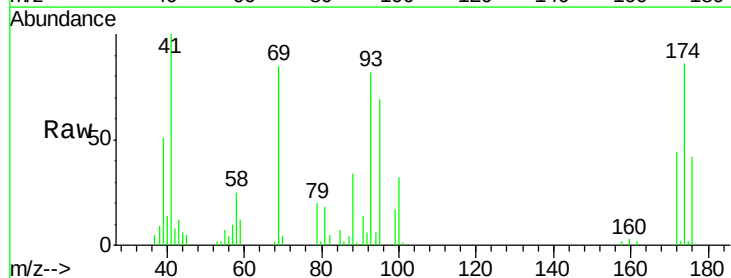
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

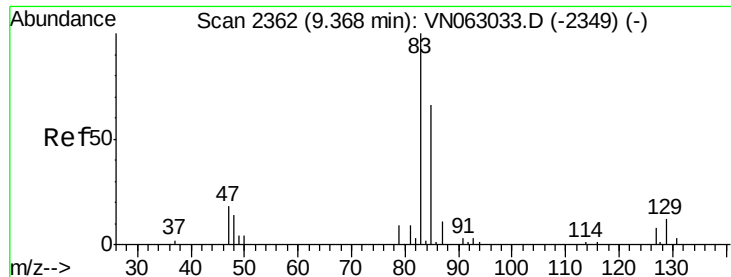
Tgt Ion: 63 Resp: 41593
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#40
 Dibromomethane
 Concen: 18.790 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 93 Resp: 24158
 Ion Ratio Lower Upper
 93 100
 95 84.1 0.0 168.2
 174 104.2 0.0 208.4

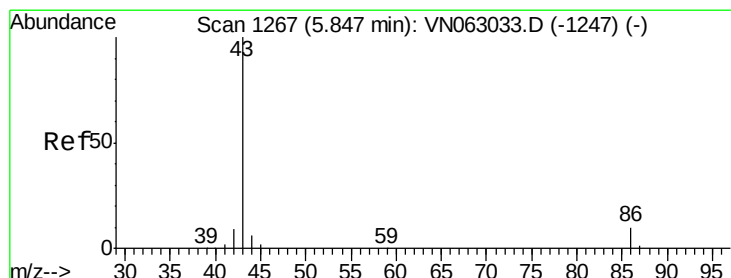
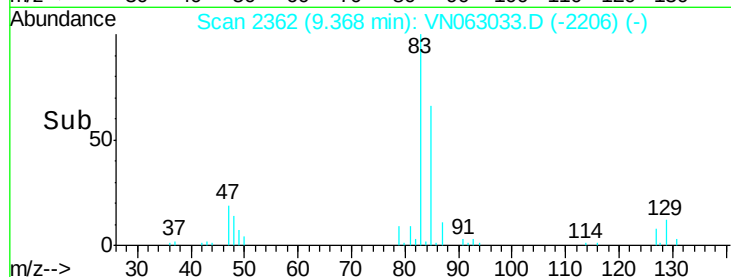
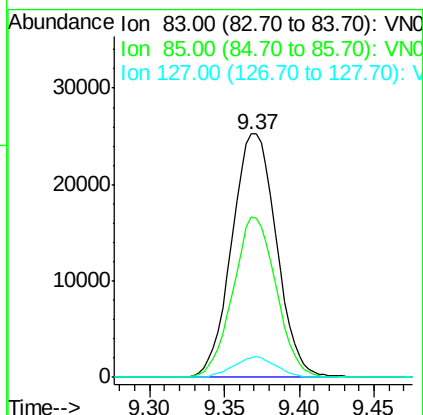
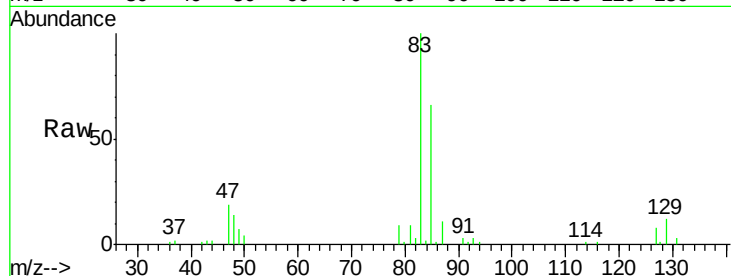




#41
 Bromodichloromethane
 Concen: 18.451 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

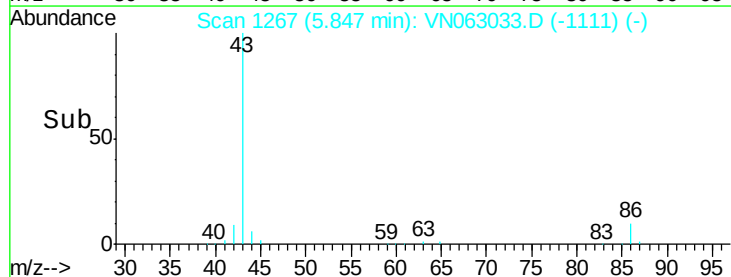
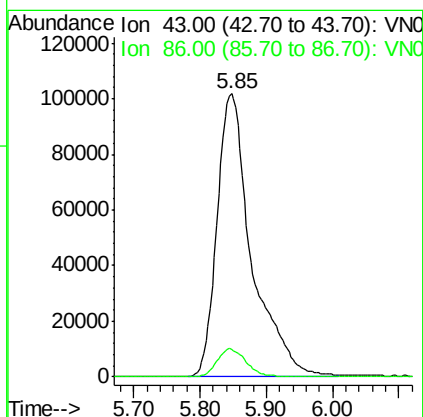
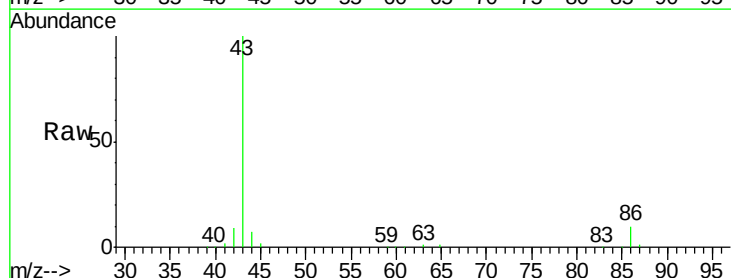
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

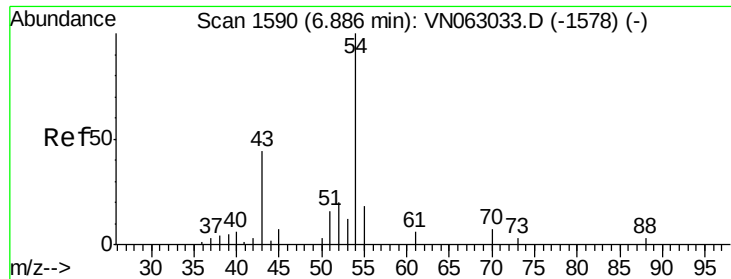
Tgt Ion: 83 Resp: 52568
 Ion Ratio Lower Upper
 83 100
 85 65.8 52.6 79.0
 127 9.2 7.4 11.0



#42
 Vinyl Acetate
 Concen: 88.420 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 43 Resp: 370672
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.7 10.1





#43

Ethyl Acetate

Concen: 18.868 ug/l

RT: 6.89 min Scan# 1590

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

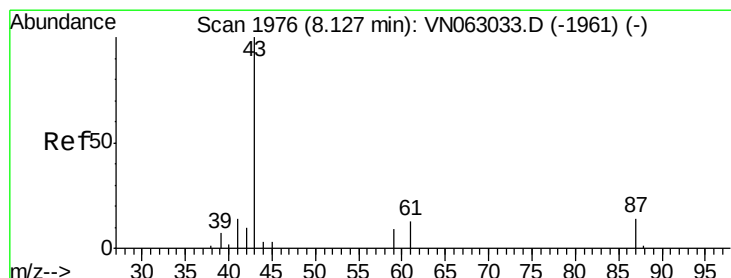
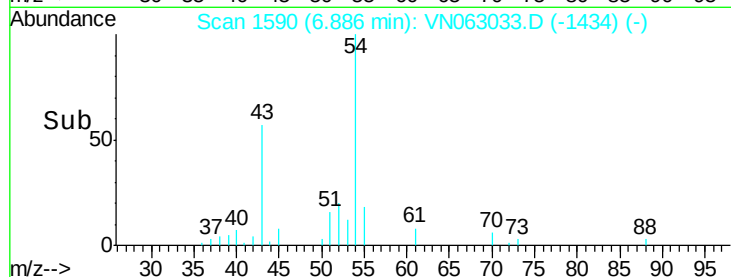
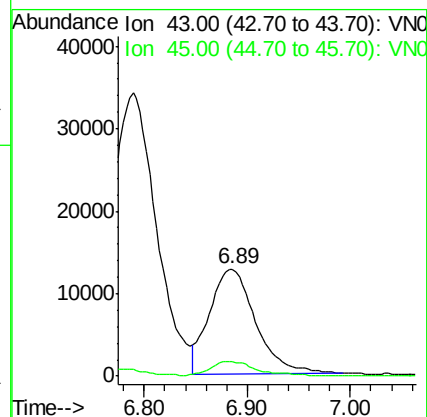
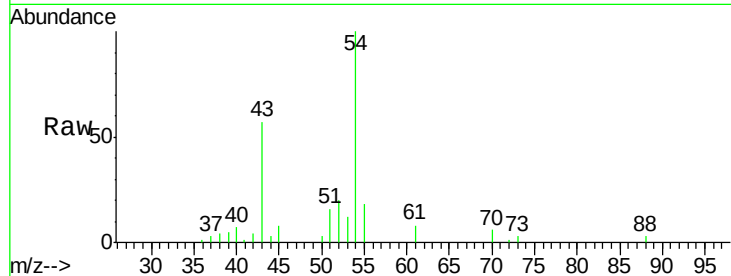
VSTDICCC020

Tgt Ion: 43 Resp: 39854

Ion Ratio Lower Upper

43 100

45 14.1 11.3 16.9



#44

Isopropyl Acetate

Concen: 18.263 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063033.D

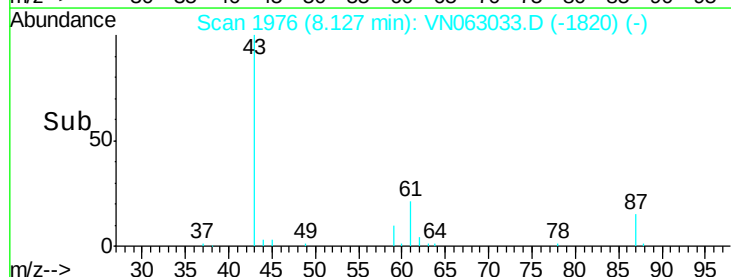
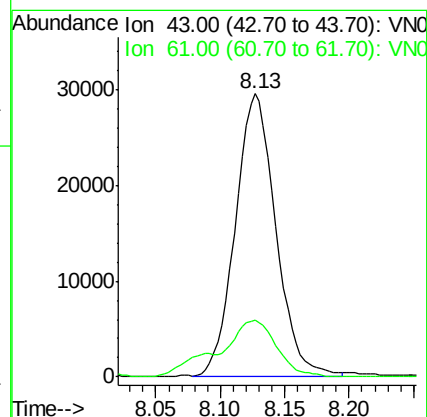
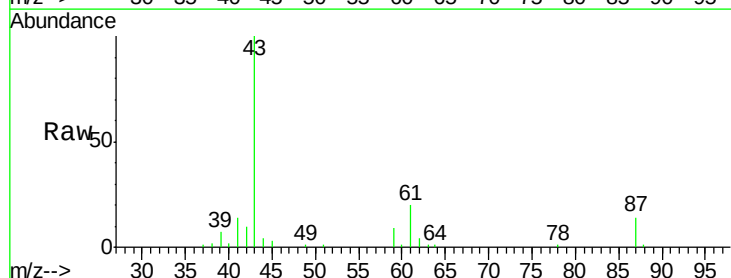
Acq: 20 Aug 2020 13:00

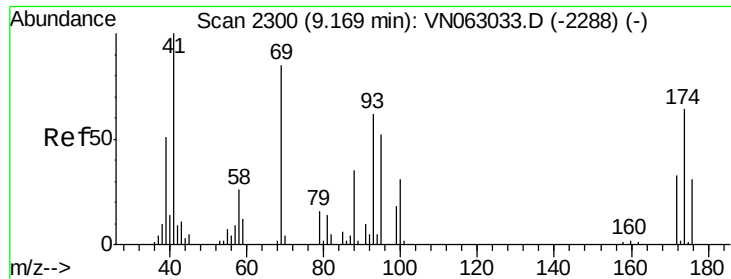
Tgt Ion: 43 Resp: 64760

Ion Ratio Lower Upper

43 100

61 21.9 17.5 26.3

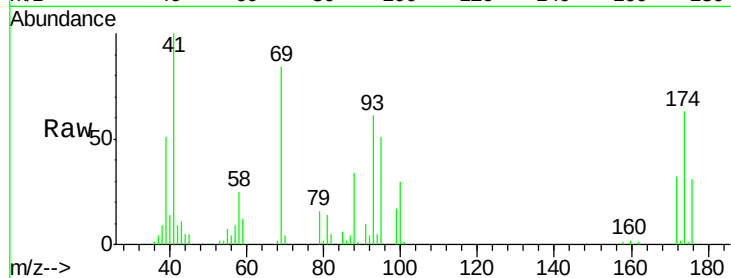




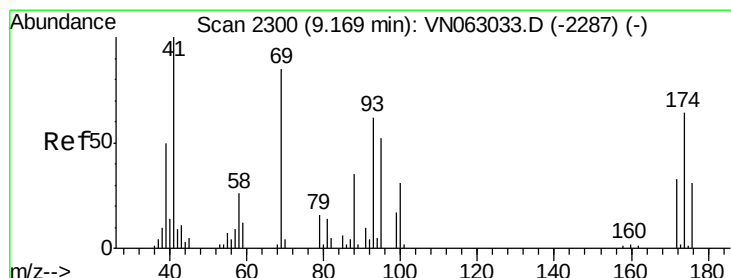
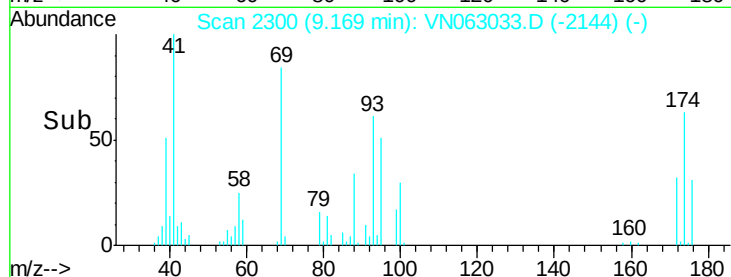
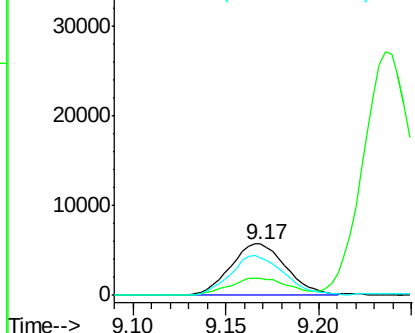
#45
 1,4-Dioxane
 Concen: 359.617 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 88 Resp: 11943
 Ion Ratio Lower Upper
 88 100
 43 35.6 28.5 42.7
 58 74.5 59.6 89.4

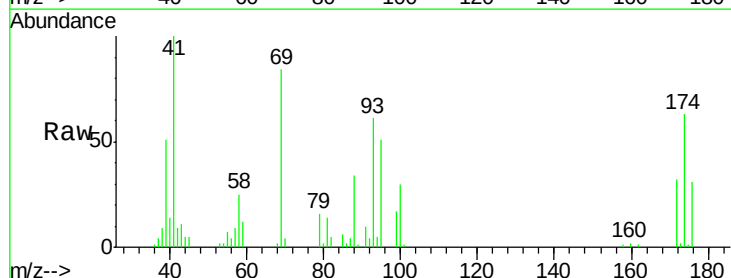


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

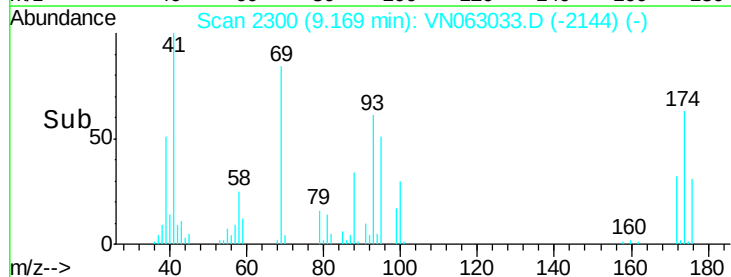
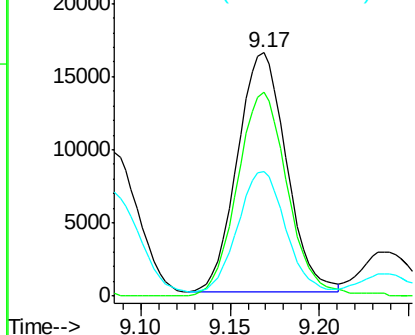


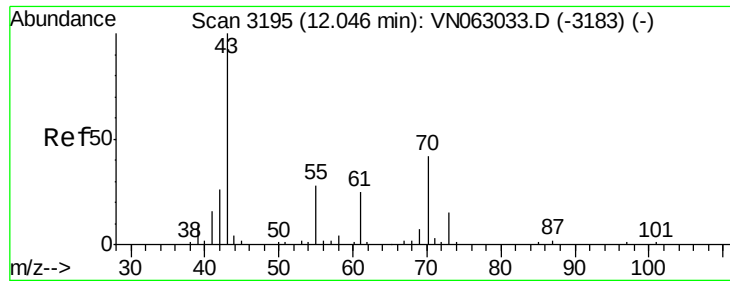
#46
 Methyl methacrylate
 Concen: 17.995 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 41 Resp: 31416
 Ion Ratio Lower Upper
 41 100
 69 85.3 42.6 128.0
 39 50.3 25.1 75.4



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





#47

n-amyl Acetate

Concen: 17.017 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

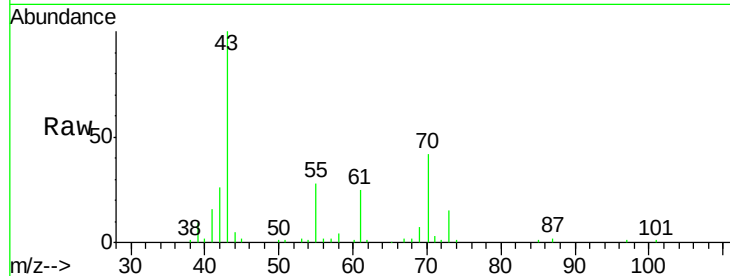
VSTDICCC020

Tgt Ion: 43 Resp: 53555

Ion Ratio Lower Upper

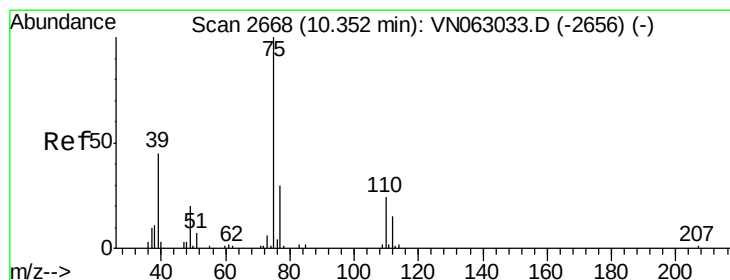
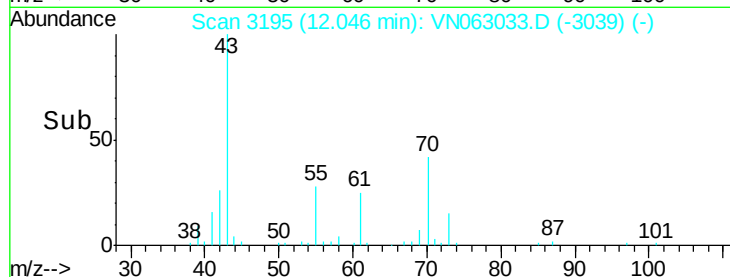
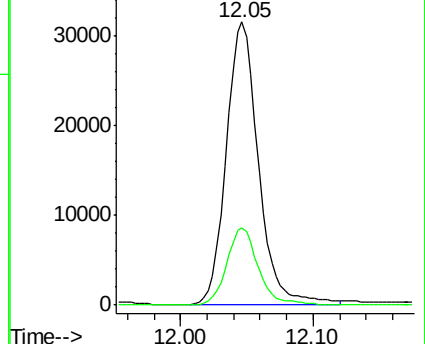
43 100

55 26.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.082 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN063033.D

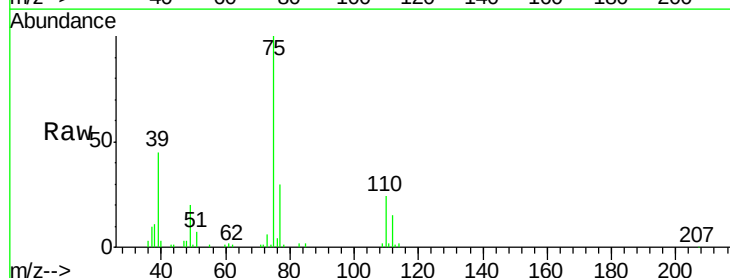
Acq: 20 Aug 2020 13:00

Tgt Ion: 75 Resp: 54408

Ion Ratio Lower Upper

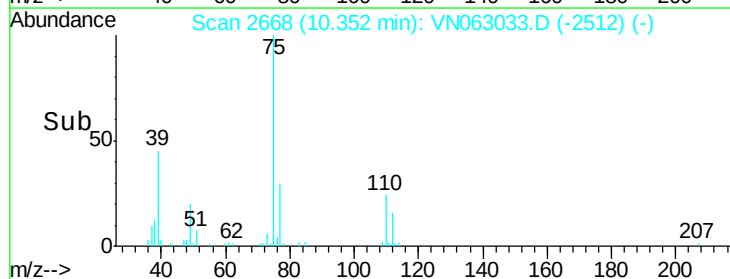
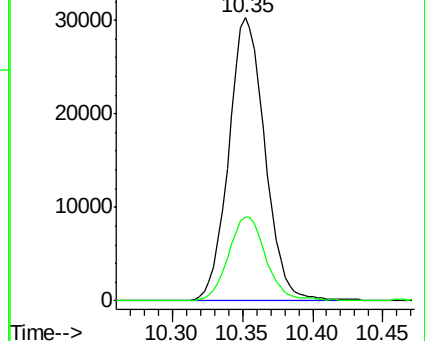
75 100

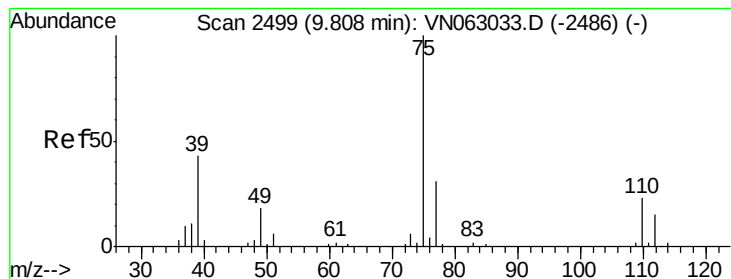
77 29.8 23.8 35.8



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



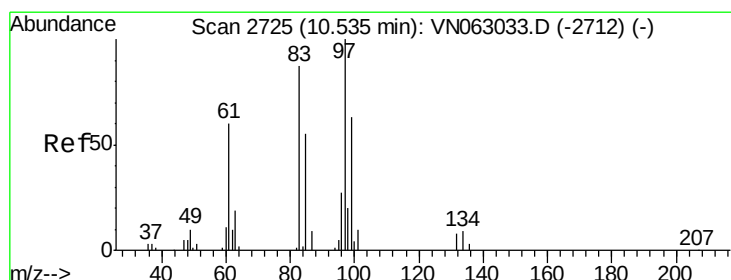
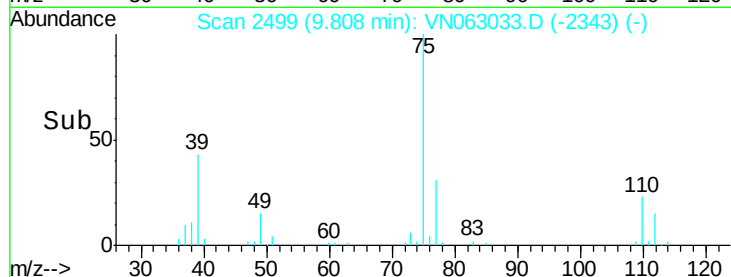
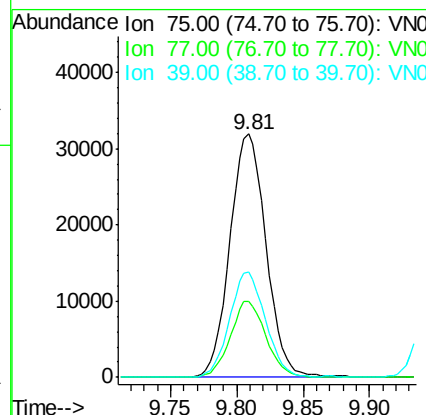
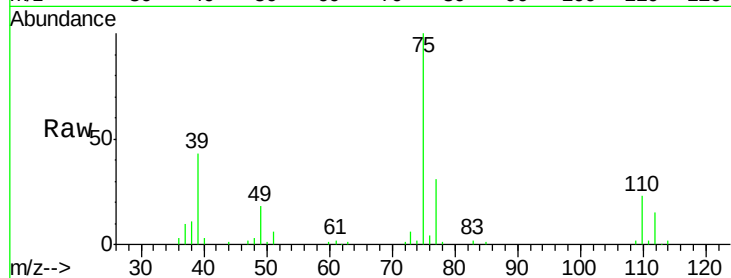


#49

cis-1,3-Dichloropropene
Concen: 18.501 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

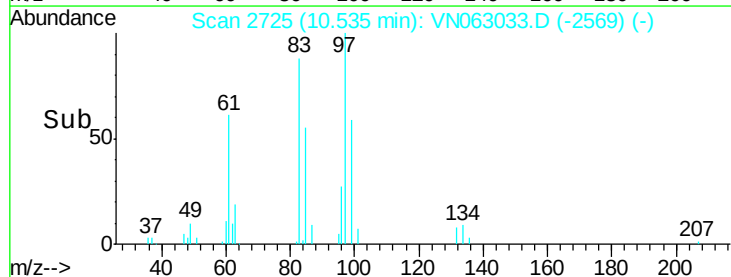
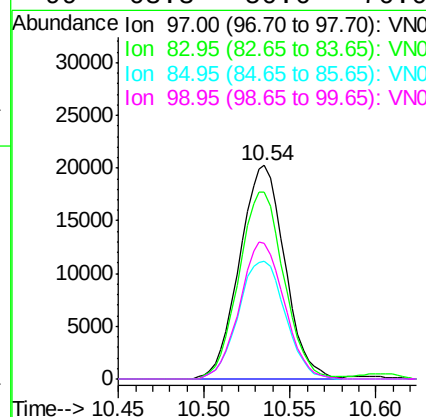
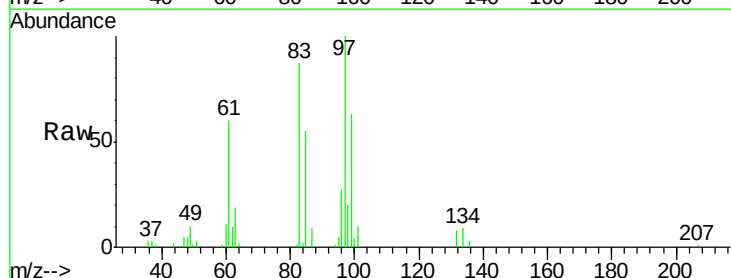
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	43.1	34.5	51.7

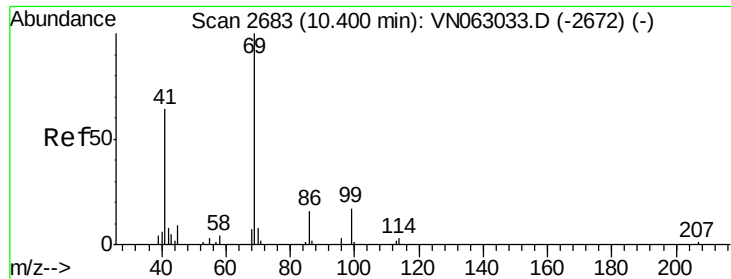


#50

1,1,2-Trichloroethane
Concen: 18.675 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.9	104.9
85	55.0	44.0	66.0
99	63.3	50.6	76.0





#51

Ethyl methacrylate

Concen: 17.602 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

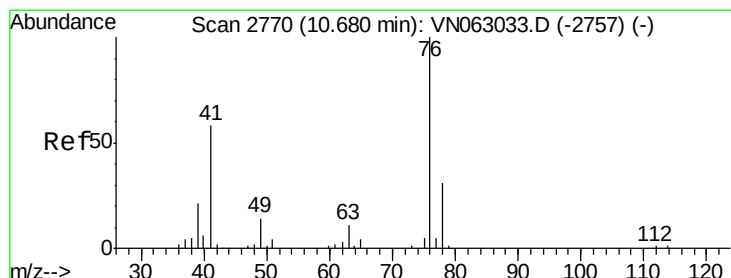
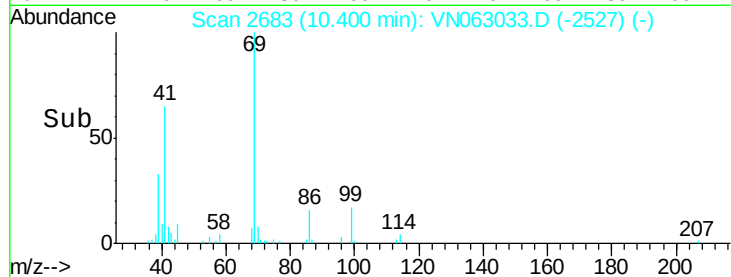
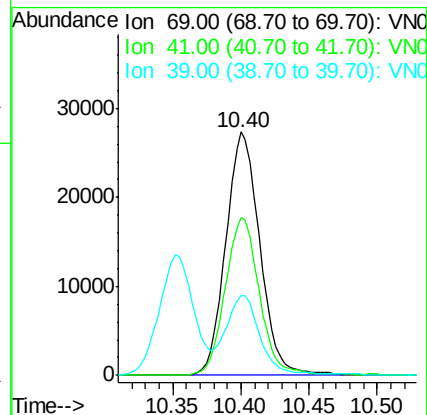
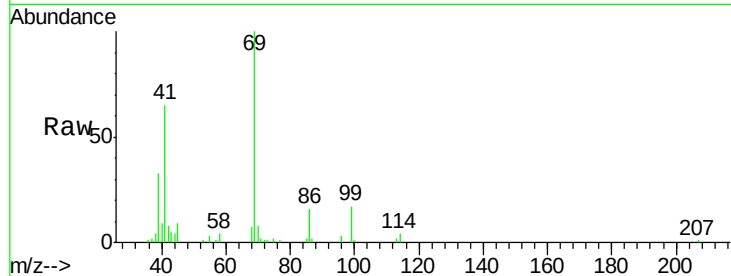
Tgt Ion: 69 Resp: 47474

Ion Ratio Lower Upper

69 100

41 64.3 32.1 96.5

39 32.2 16.1 48.3



#52

1,3-Dichloropropane

Concen: 18.774 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063033.D

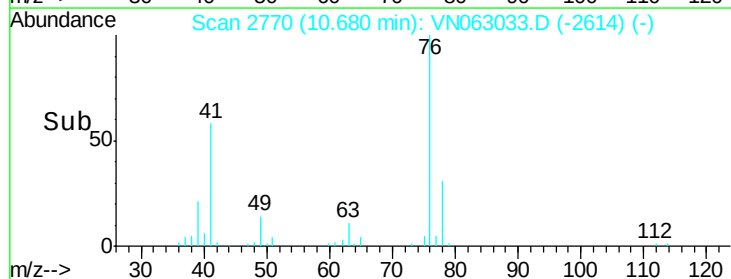
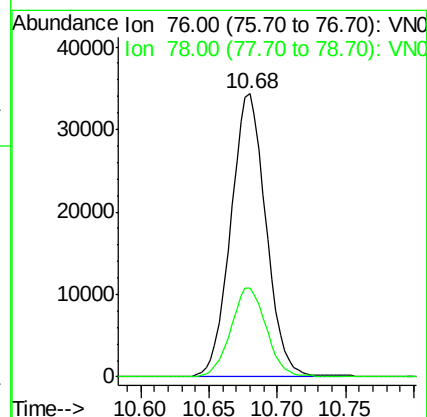
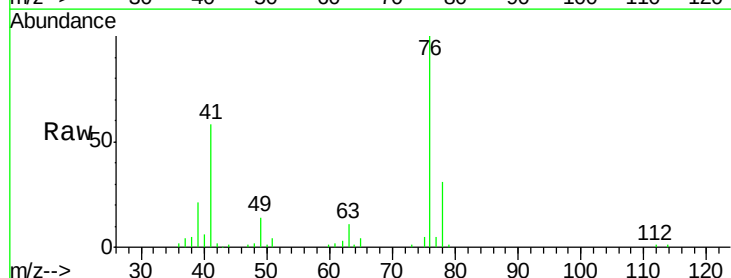
Acq: 20 Aug 2020 13:00

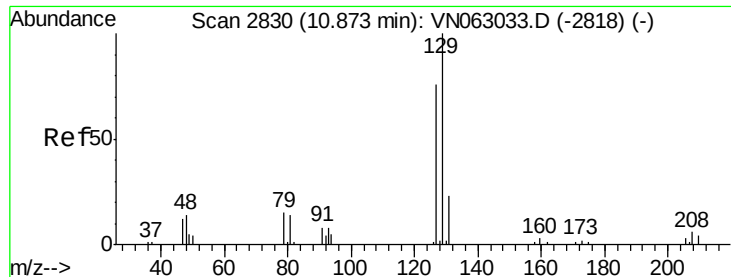
Tgt Ion: 76 Resp: 61485

Ion Ratio Lower Upper

76 100

78 31.6 0.0 63.2

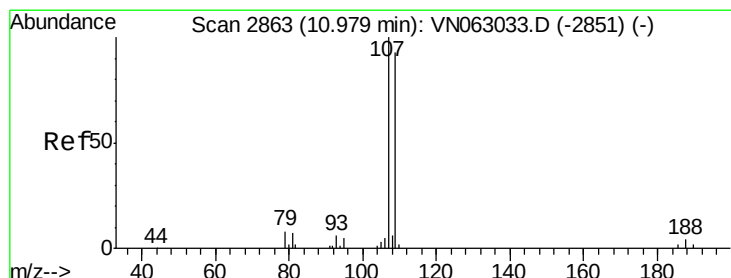
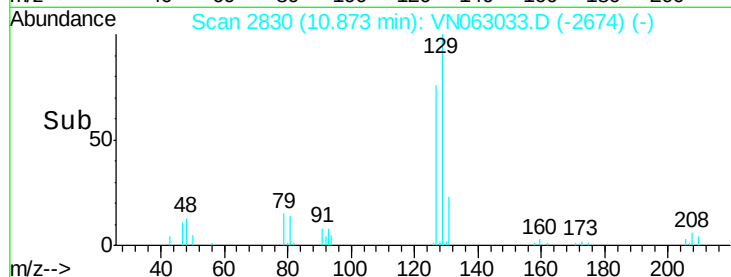
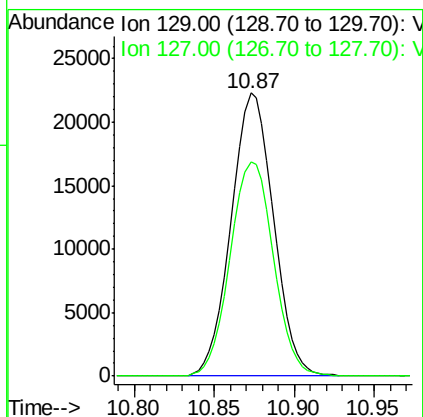
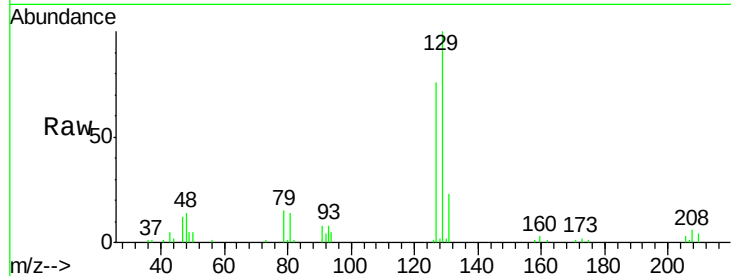




#53
 Dibromochloromethane
 Concen: 18.559 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

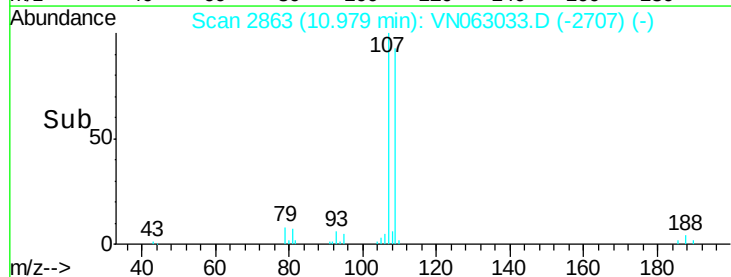
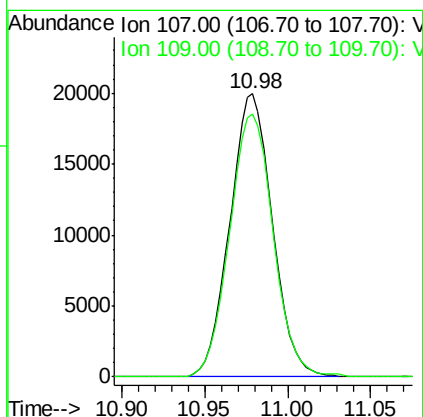
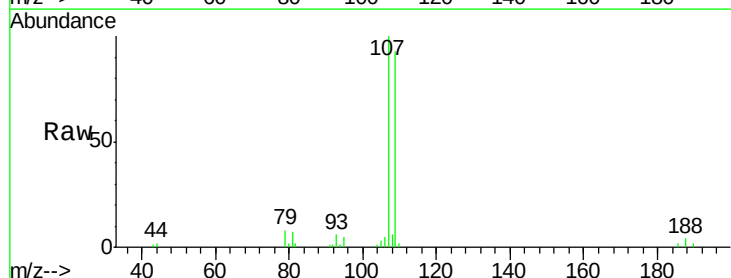
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

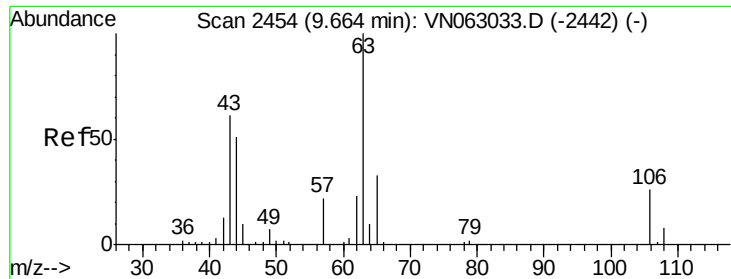
Tgt Ion:129 Resp: 40373
 Ion Ratio Lower Upper
 129 100
 127 77.4 38.7 116.1



#54
 1,2-Dibromoethane
 Concen: 18.716 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion:107 Resp: 35591
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.3 114.5

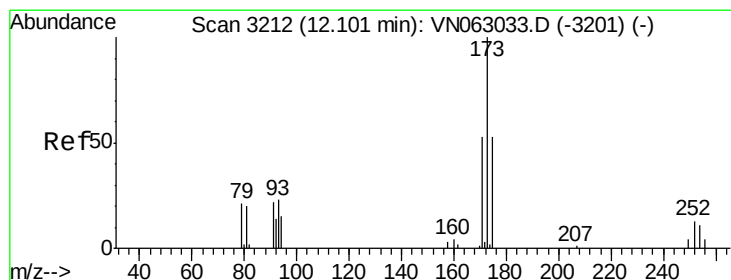
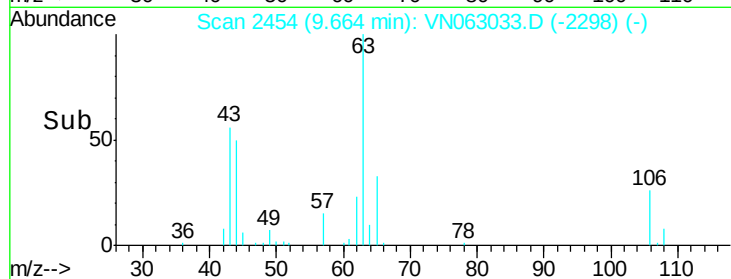
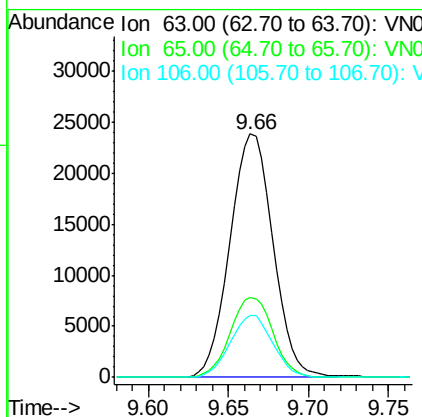
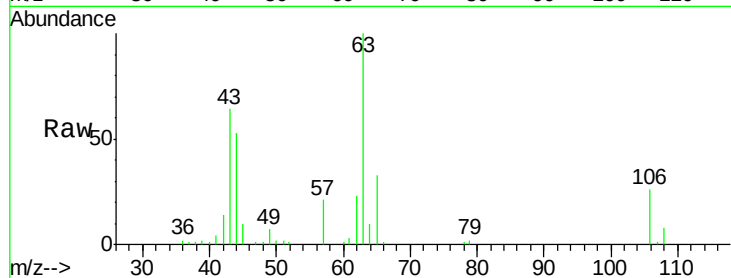




#55
2-Chloroethyl vinyl ether
Concen: 79.256 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

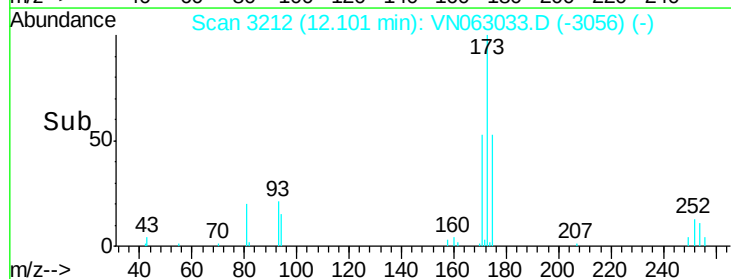
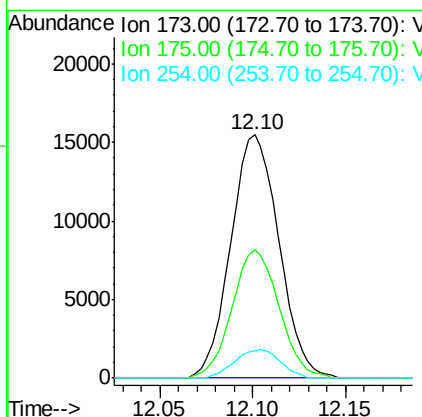
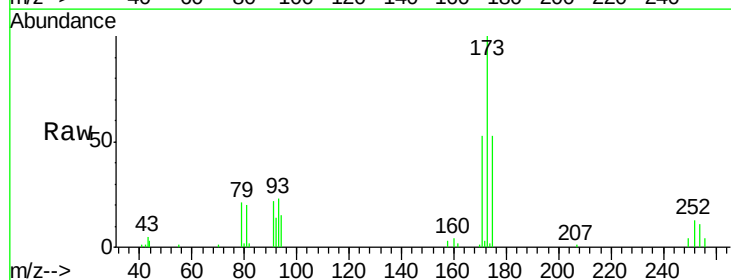
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

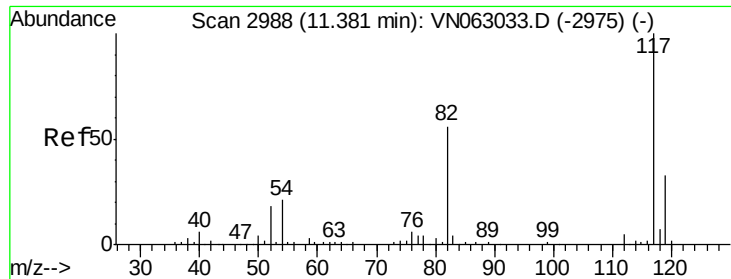
Tgt Ion: 63 Resp: 43907
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 24.9 19.9 29.9



#56
Bromoform
Concen: 17.590 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 173 Resp: 28020
Ion Ratio Lower Upper
173 100
175 51.5 41.2 61.8
254 11.2 9.0 13.4

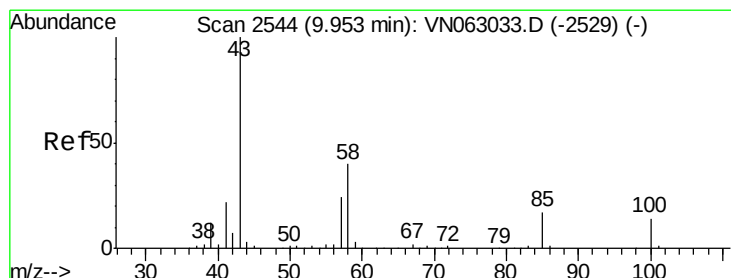
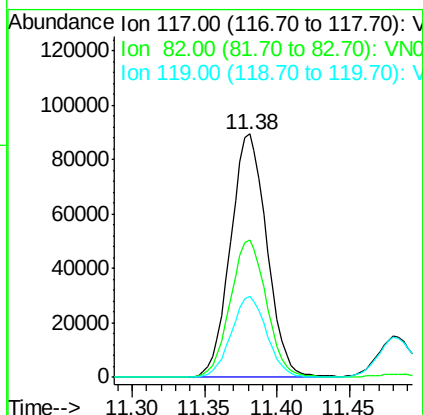
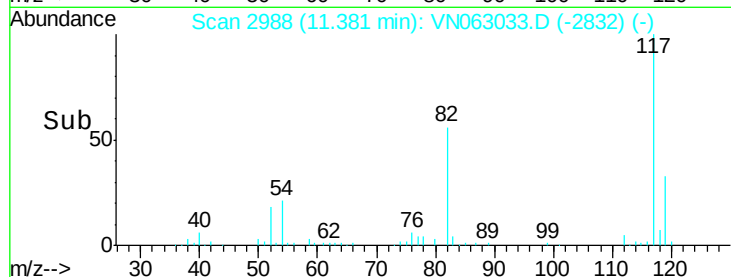
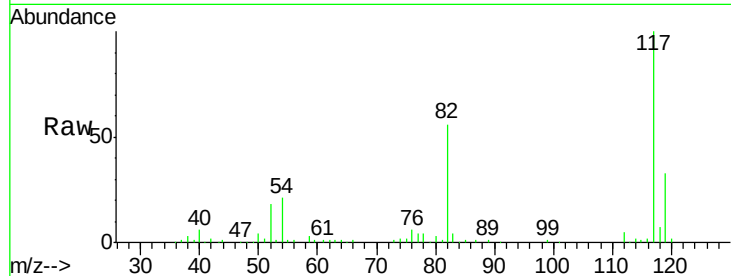




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

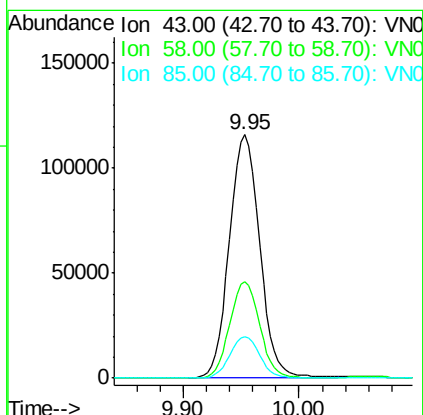
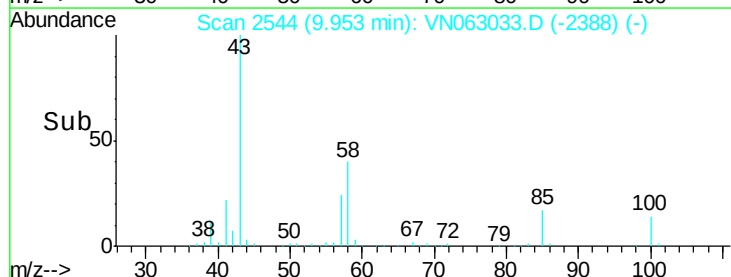
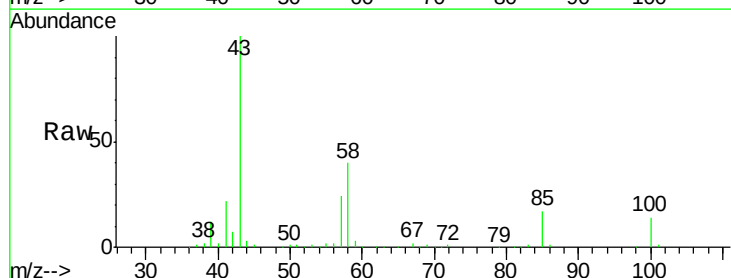
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

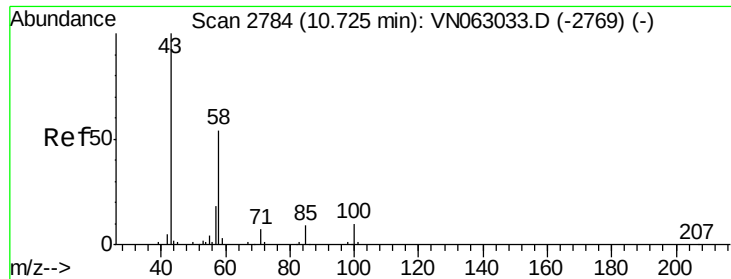
Tgt Ion: 117 Resp: 156271
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 32.5 26.0 39.0



#58
4-Methyl-2-Pentanone
Concen: 94.363 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 43 Resp: 212130
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0
85 16.8 13.4 20.2

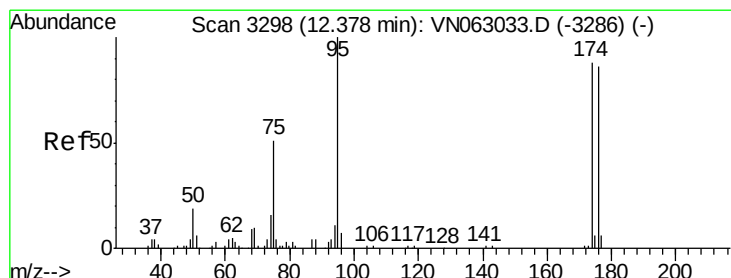
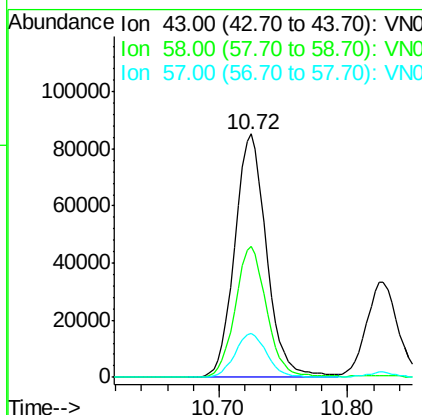
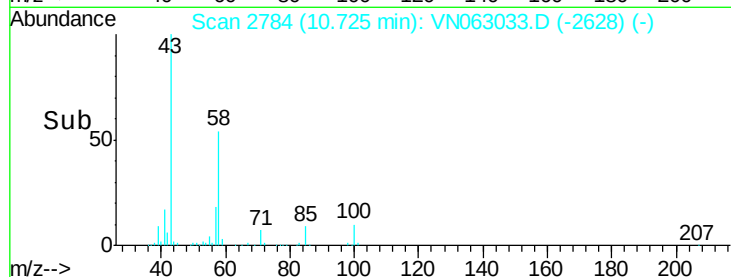
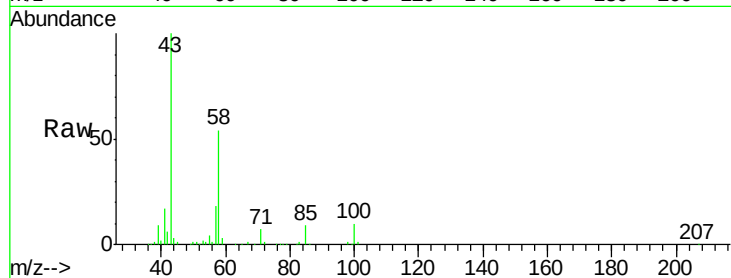




#59
2-Hexanone
Concen: 91.505 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

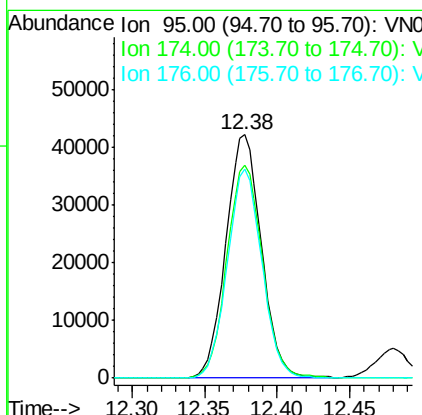
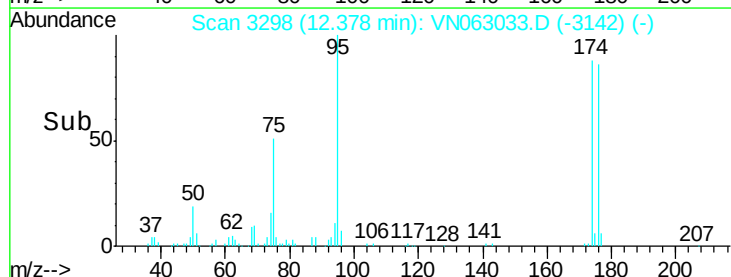
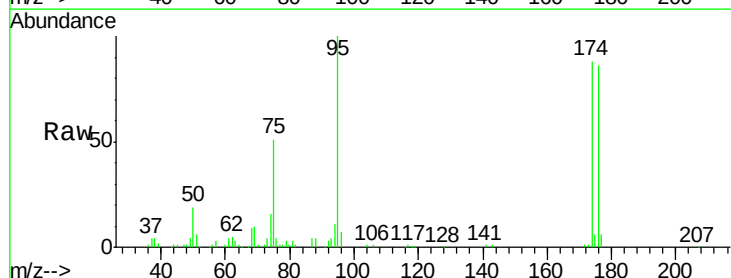
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC020

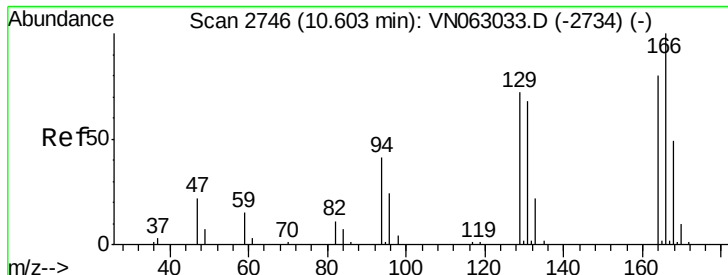
Tgt Ion: 43 Resp: 146740
Ion Ratio Lower Upper
43 100
58 53.3 42.6 64.0
57 18.2 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.973 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 95 Resp: 71545
Ion Ratio Lower Upper
95 100
174 87.6 70.1 105.1
176 83.5 66.8 100.2





#61

Tetrachloroethene

Concen: 18.832 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 32262

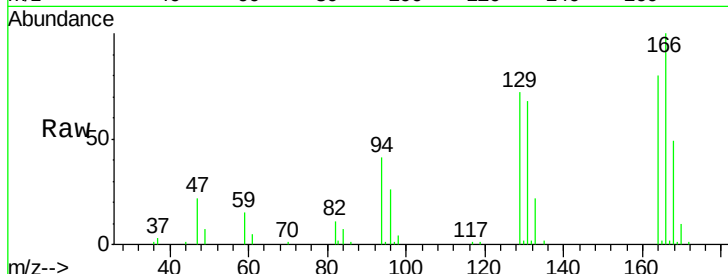
Ion Ratio Lower Upper

164 100

166 125.1 100.1 150.1

129 90.6 72.5 108.7

131 85.5 68.4 102.6

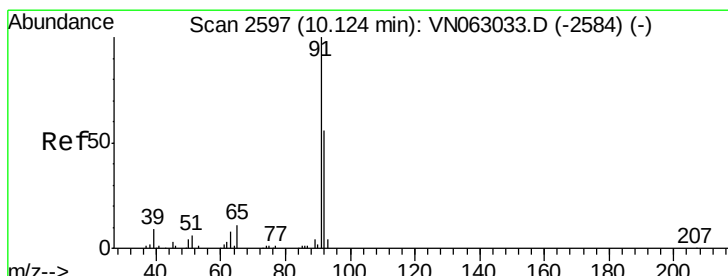
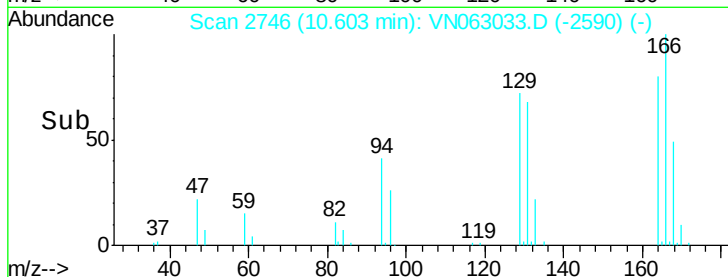
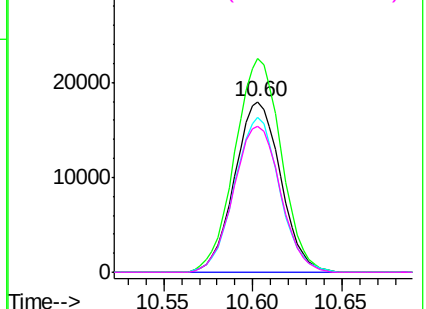


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.476 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN063033.D

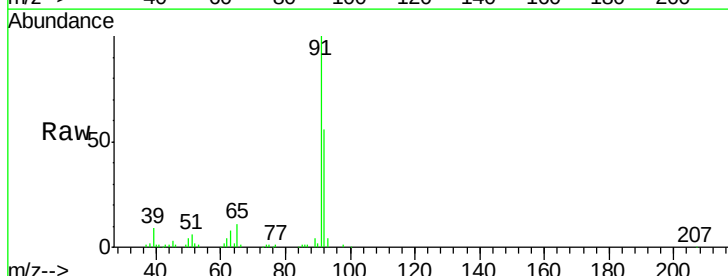
Acq: 20 Aug 2020 13:00

Tgt Ion: 91 Resp: 153017

Ion Ratio Lower Upper

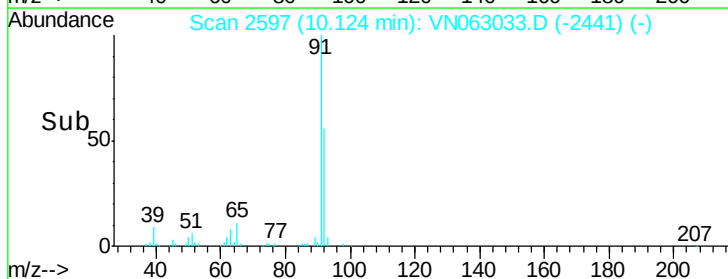
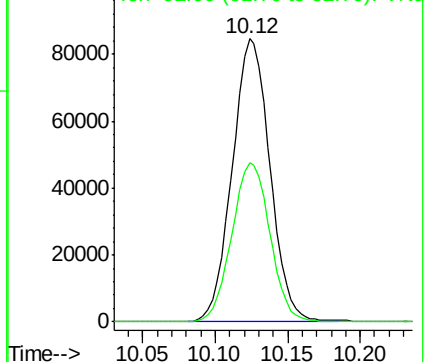
91 100

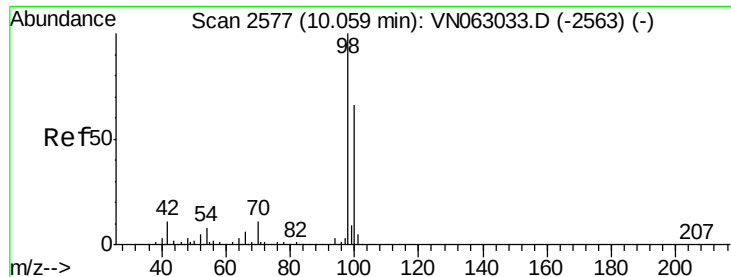
92 56.9 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.122 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

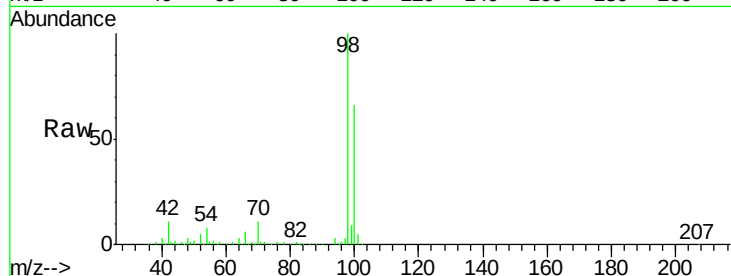
VSTDICCC020

Tgt Ion: 98 Resp: 216029

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN063033.D (-2563) (-)

Ion 100.00 (99.70 to 100.70): VN063033.D (-2563) (-)

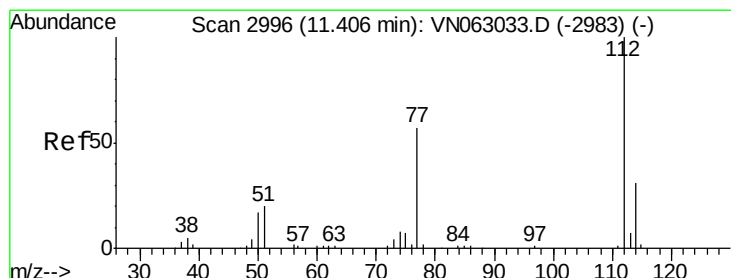
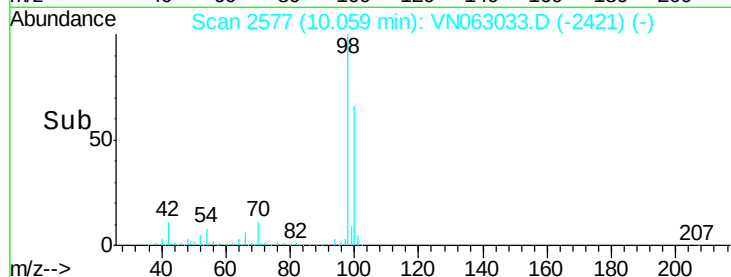
10.06

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 18.483 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN063033.D

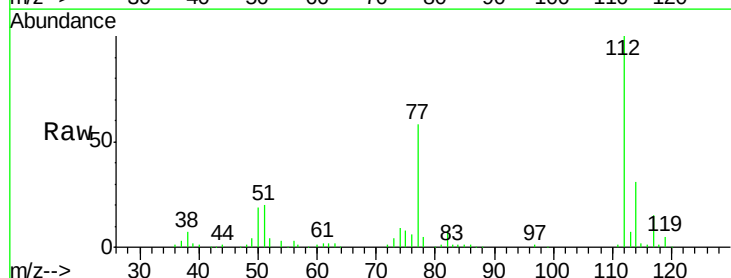
Acq: 20 Aug 2020 13:00

Tgt Ion: 112 Resp: 94722

Ion Ratio Lower Upper

112 100

114 31.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN063033.D (-2983) (-)

Ion 114.00 (113.70 to 114.70): VN063033.D (-2983) (-)

11.41

60000

50000

40000

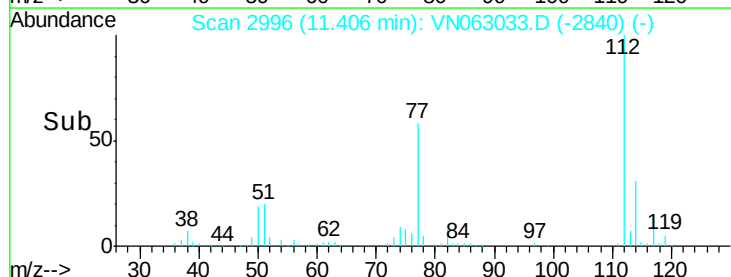
30000

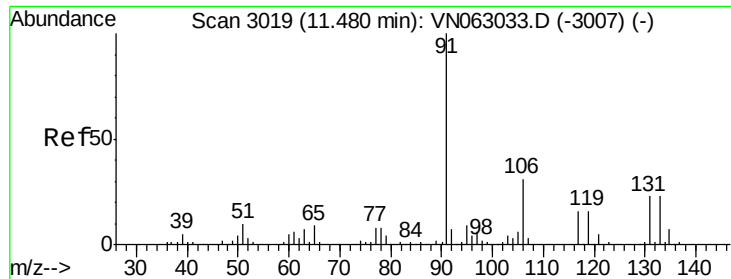
20000

10000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 18.415 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

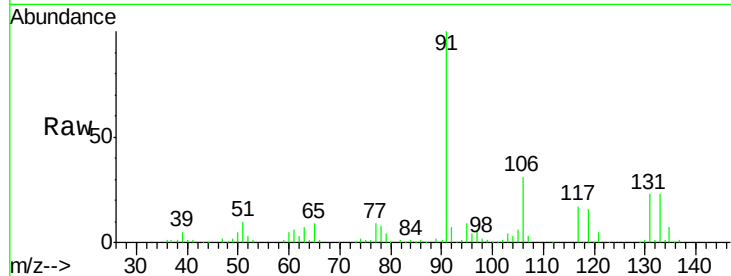
Tgt Ion: 131 Resp: 37405

Ion Ratio Lower Upper

131 100

133 95.6 0.0 191.2

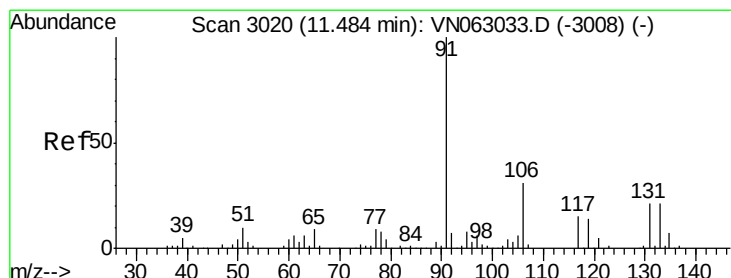
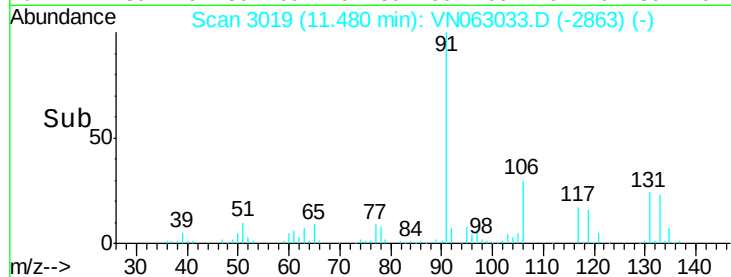
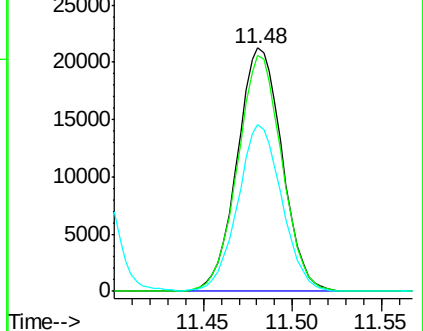
119 67.1 0.0 134.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.739 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN063033.D

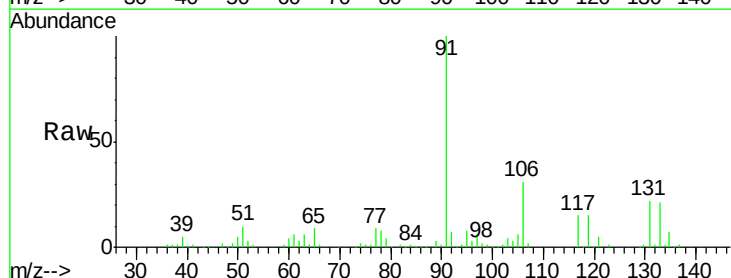
Acq: 20 Aug 2020 13:00

Tgt Ion: 91 Resp: 160152

Ion Ratio Lower Upper

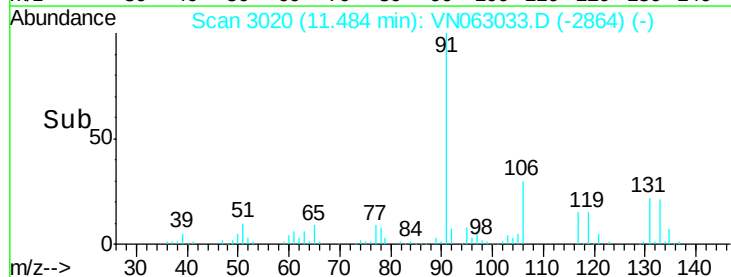
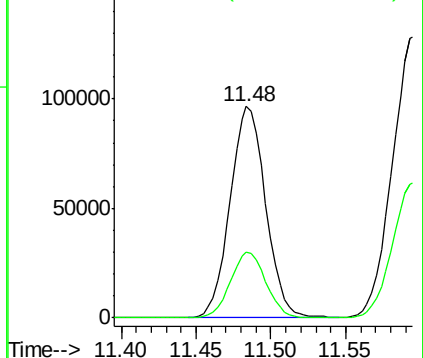
91 100

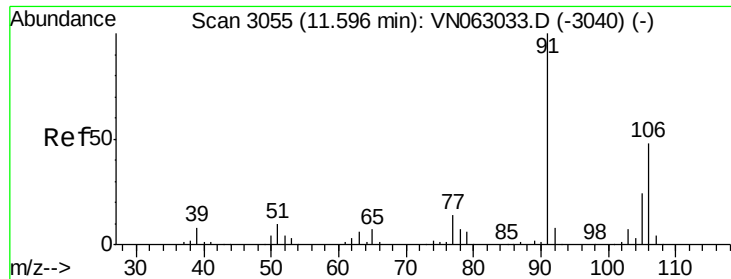
106 31.2 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 35.945 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

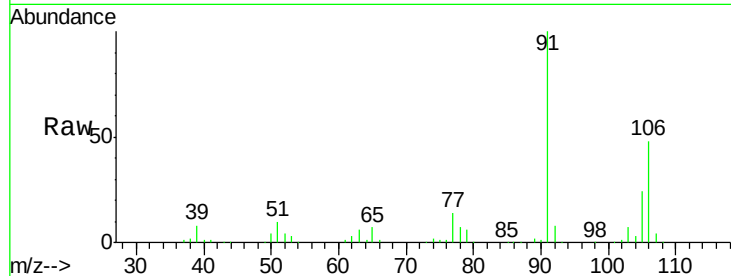
VSTDICCC020

Tgt Ion:106 Resp: 121572

Ion Ratio Lower Upper

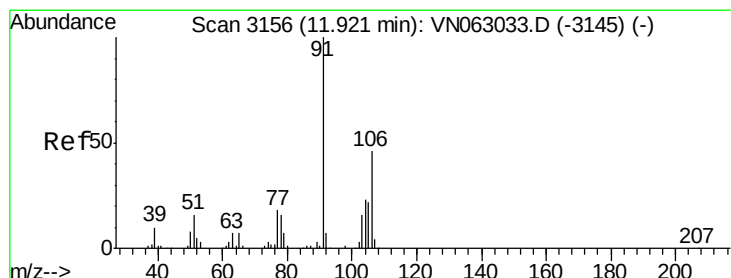
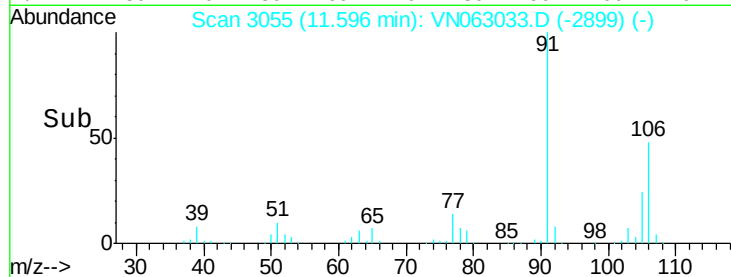
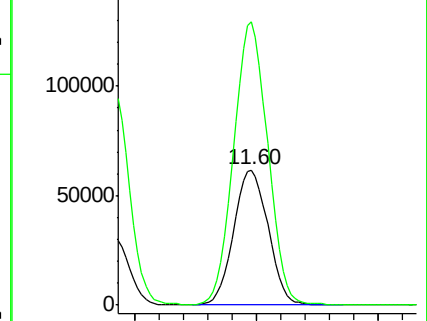
106 100

91 206.1 164.9 247.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 17.775 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN063033.D

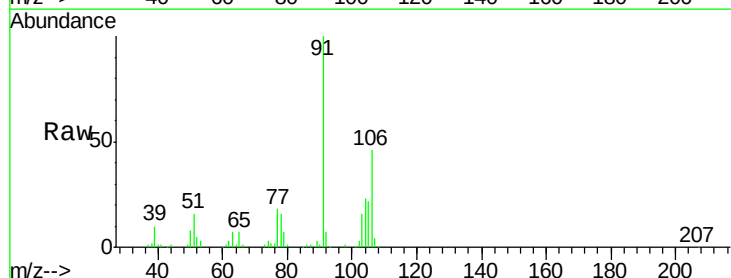
Acq: 20 Aug 2020 13:00

Tgt Ion:106 Resp: 57749

Ion Ratio Lower Upper

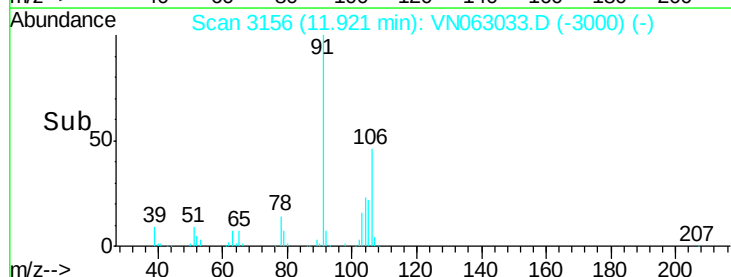
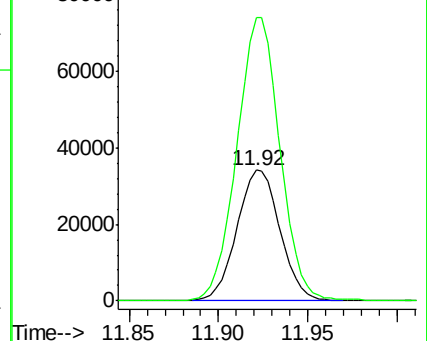
106 100

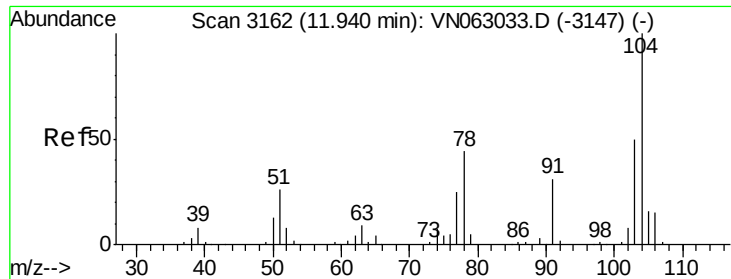
91 216.0 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

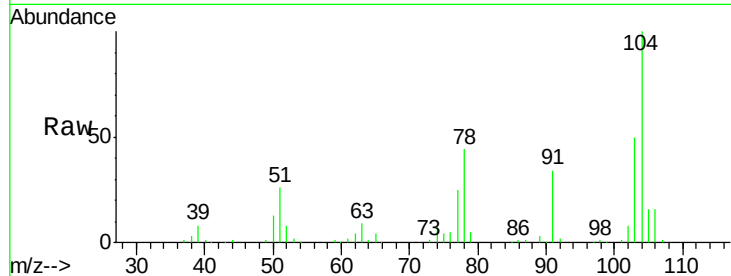




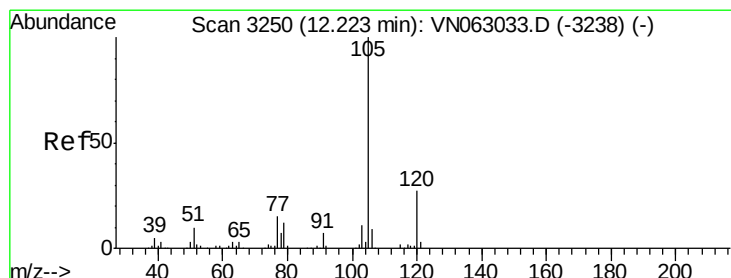
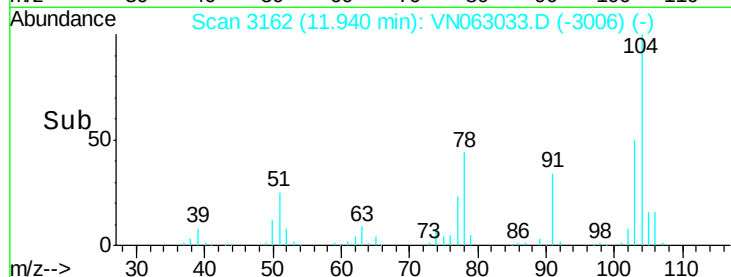
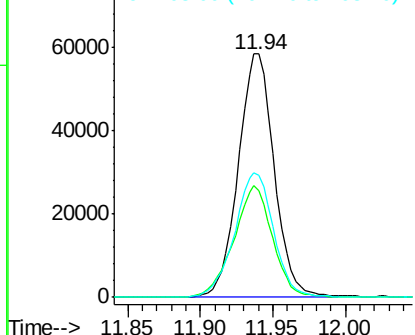
#69
Styrene
Concen: 17.718 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 100556
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 55.5 44.4 66.6

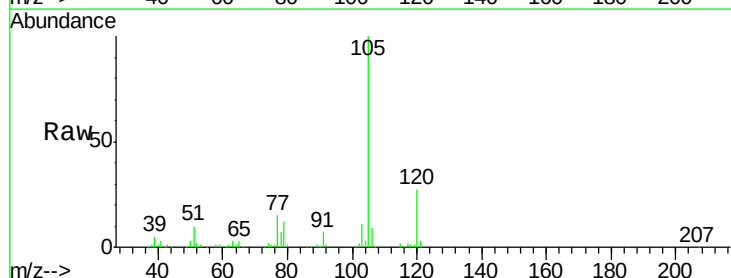


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

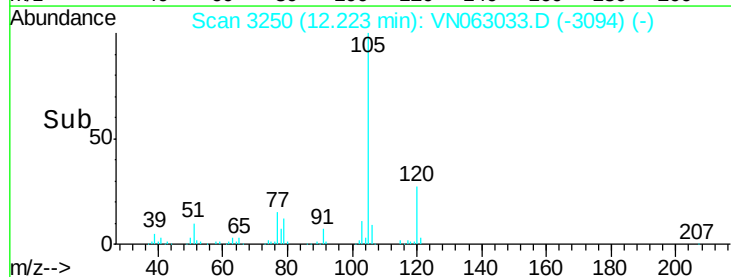
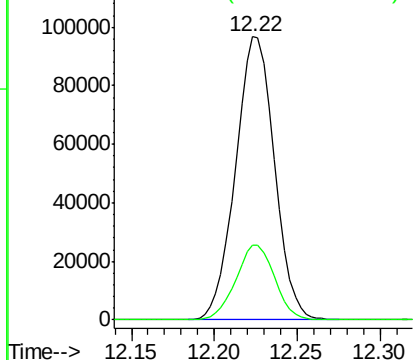


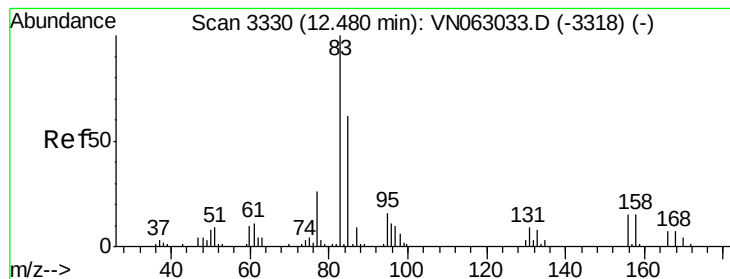
#70
Isopropylbenzene
Concen: 17.871 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion:105 Resp: 157940
Ion Ratio Lower Upper
105 100
120 26.4 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.812 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

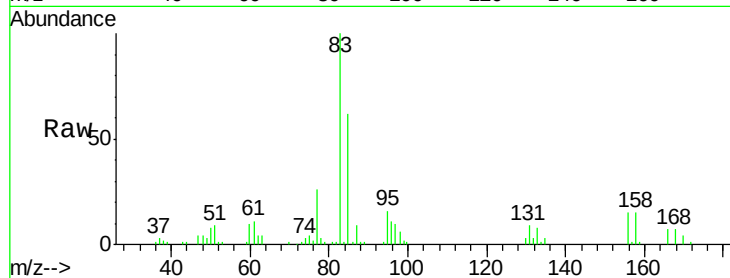
Tgt Ion: 83 Resp: 53317

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

85 63.5 31.8 95.3

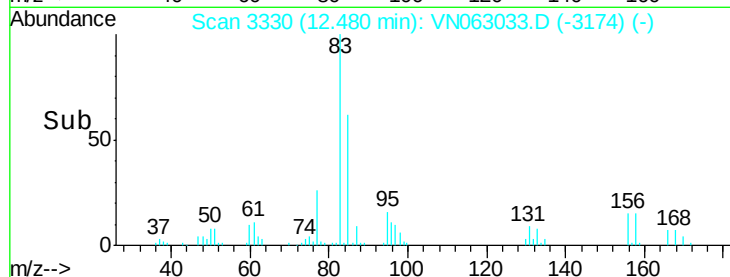


Abundance Ion 83.00 (82.70 to 83.70): VN063033.D (-3318) (-)

Ion 131.00 (130.70 to 131.70): VN063033.D (-3318) (-)

Ion 85.00 (84.70 to 85.70): VN063033.D (-3318) (-)

Time-->

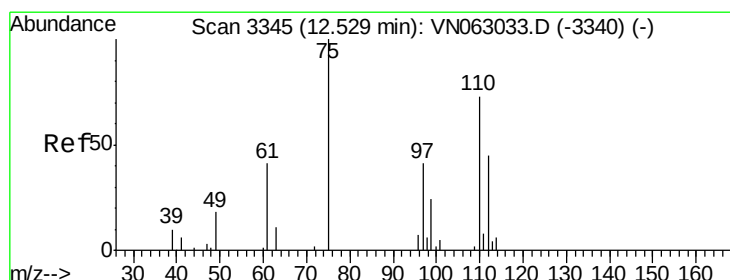


Abundance Ion 83.00 (82.70 to 83.70): VN063033.D (-3318) (-)

Ion 131.00 (130.70 to 131.70): VN063033.D (-3318) (-)

Ion 85.00 (84.70 to 85.70): VN063033.D (-3318) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 25.608 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063033.D

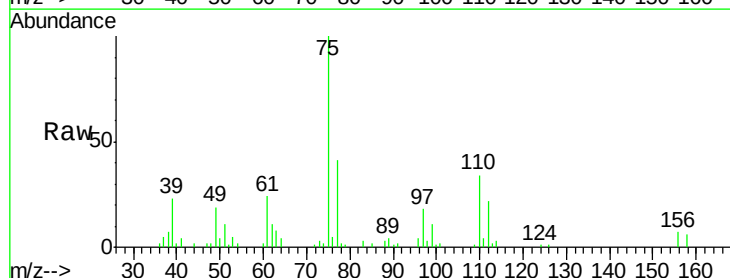
Acq: 20 Aug 2020 13:00

Tgt Ion: 75 Resp: 62728

Ion Ratio Lower Upper

75 100

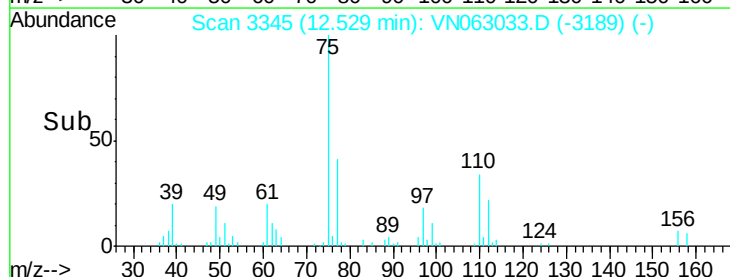
77 135.5 0.0 387.8



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN063033.D (-3340) (-)

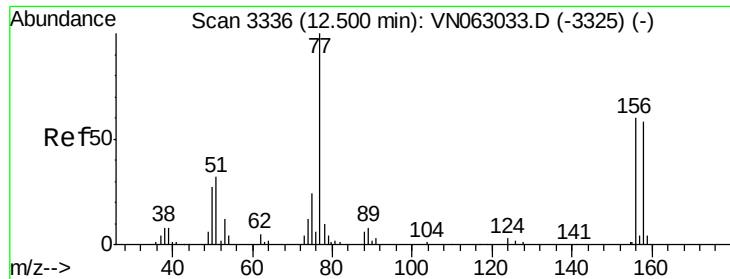
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VN063033.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN063033.D (-3340) (-)

Time-->



#73

Bromobenzene

Concen: 17.900 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

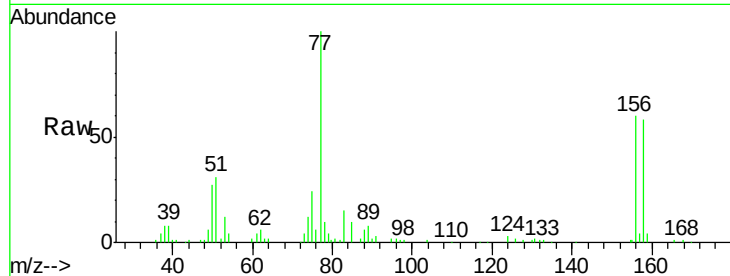
Tgt Ion:156 Resp: 42662

Ion Ratio Lower Upper

156 100

77 199.3 0.0 398.6

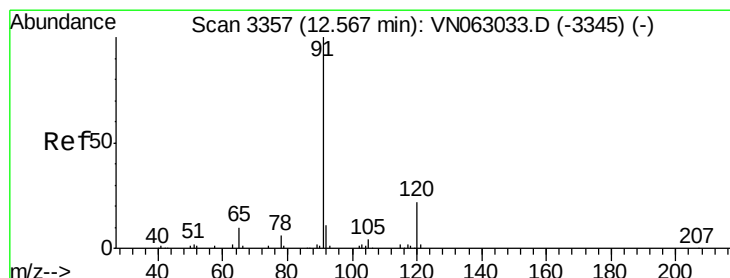
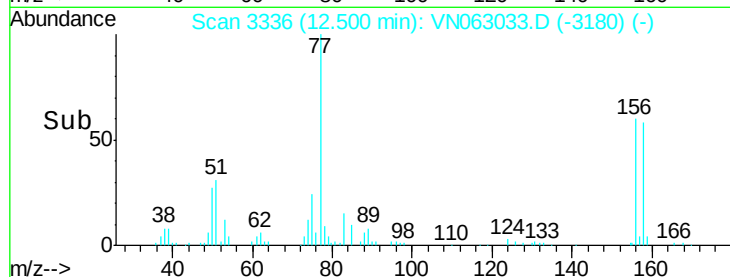
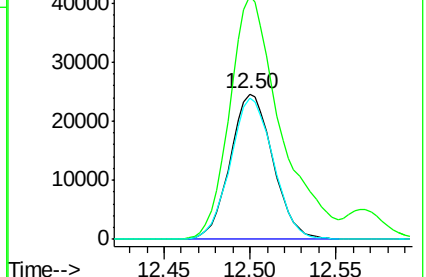
158 97.7 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.707 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063033.D

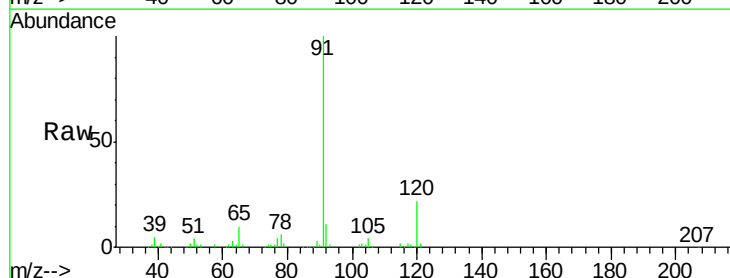
Acq: 20 Aug 2020 13:00

Tgt Ion: 91 Resp: 187725

Ion Ratio Lower Upper

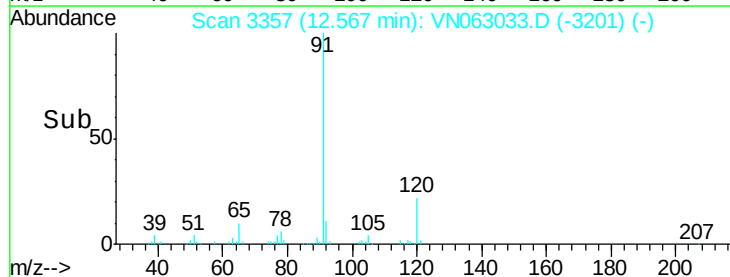
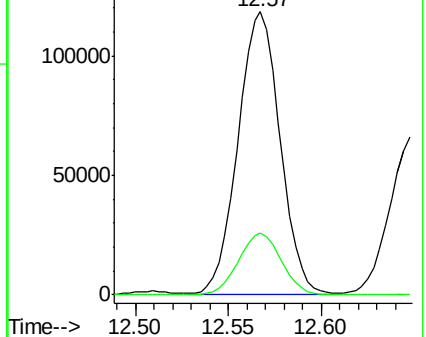
91 100

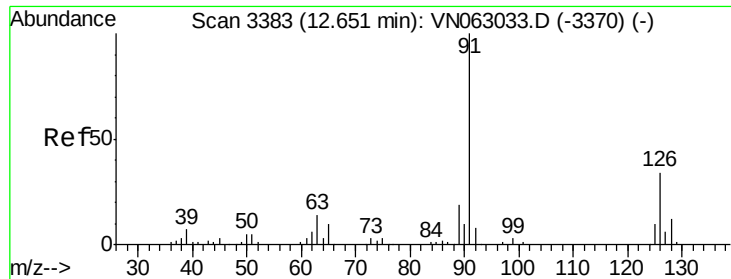
120 22.0 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.892 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

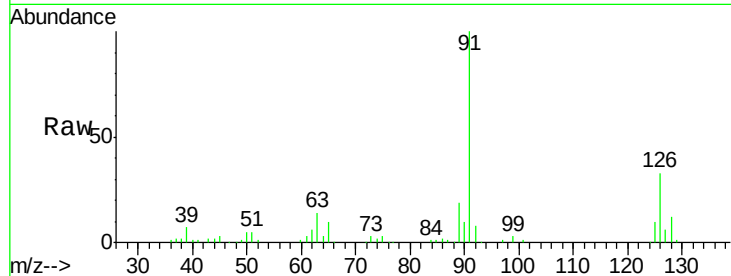
VSTDICCC020

Tgt Ion: 91 Resp: 113050

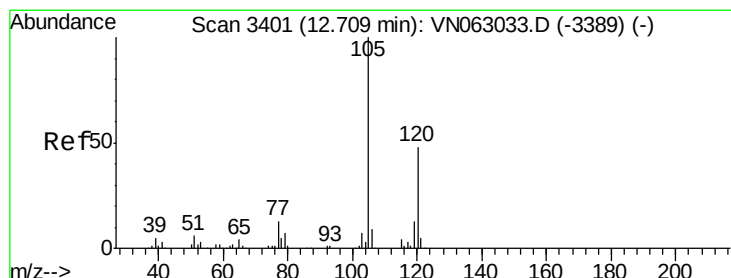
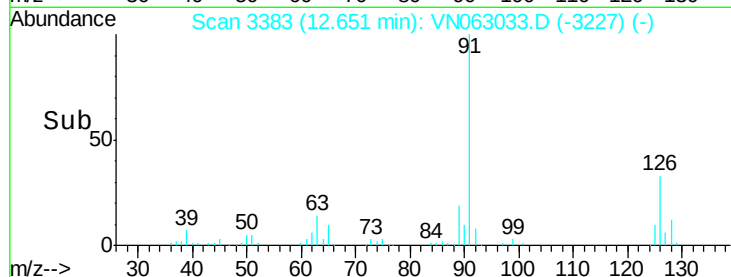
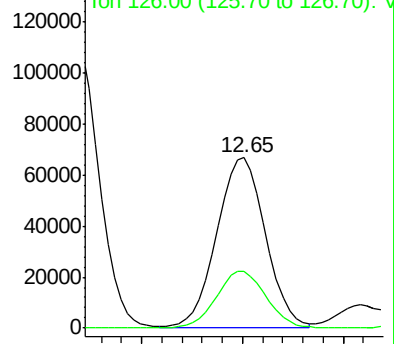
Ion Ratio Lower Upper

91 100

126 34.0 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN063033.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.893 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063033.D

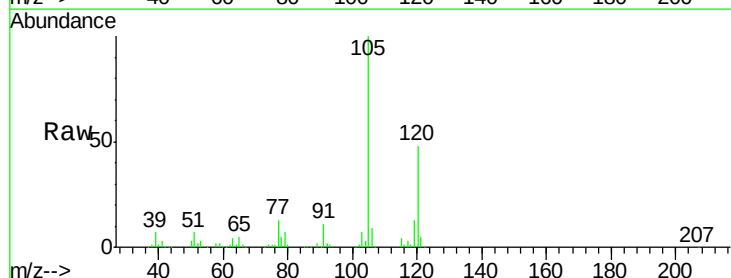
Acq: 20 Aug 2020 13:00

Tgt Ion: 105 Resp: 134957

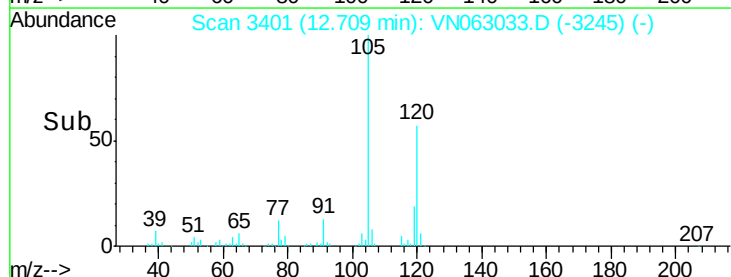
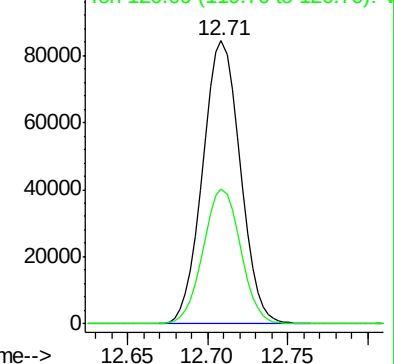
Ion Ratio Lower Upper

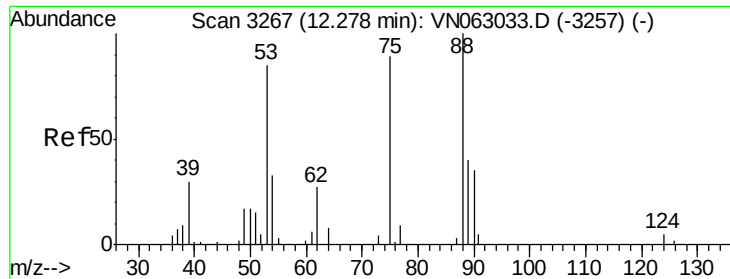
105 100

120 47.5 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063033.D (-3389) (-)

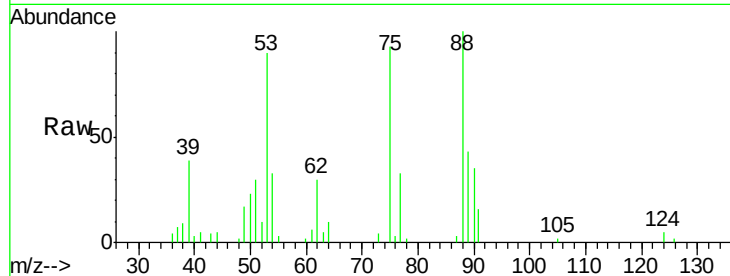




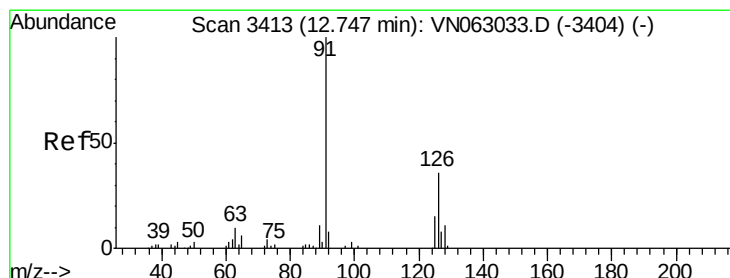
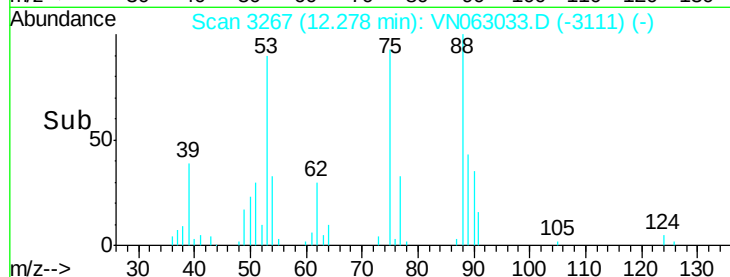
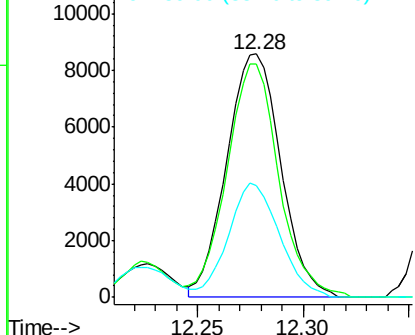
#77
t-1,4-Dichloro-2-butene
Concen: 17.204 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 15291
Ion Ratio Lower Upper
75 100
53 94.0 47.0 141.0
89 45.8 22.9 68.7

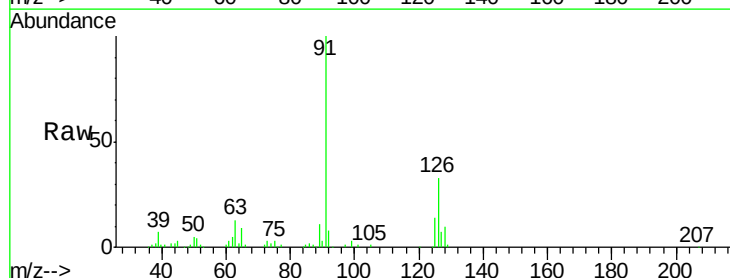


Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0

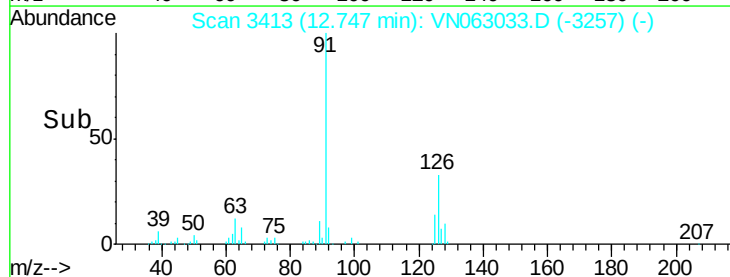
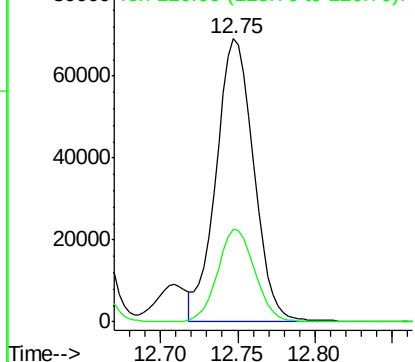


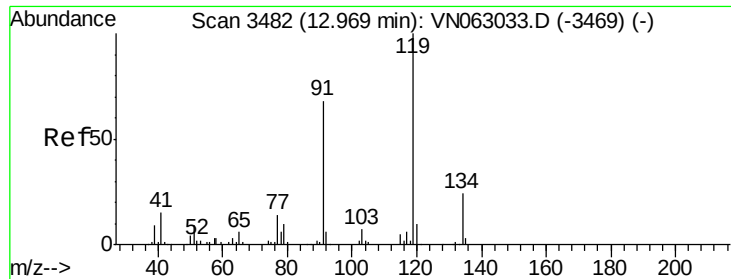
#78
4-Chlorotoluene
Concen: 17.790 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion: 91 Resp: 115892
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V

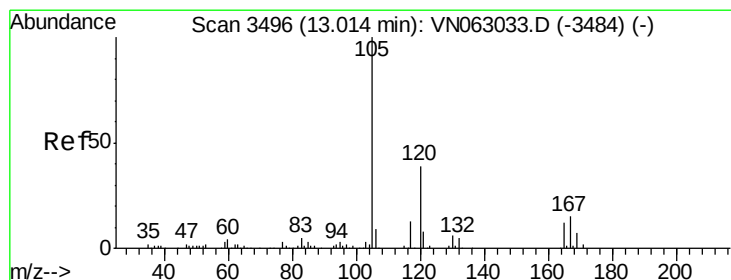
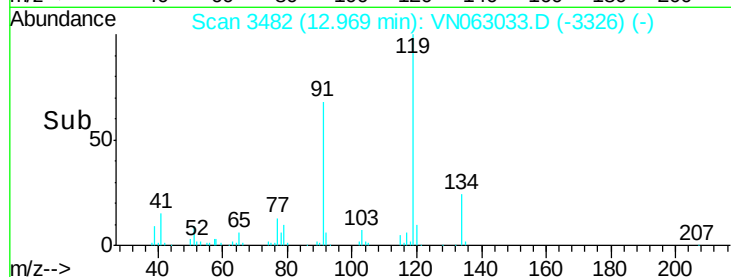
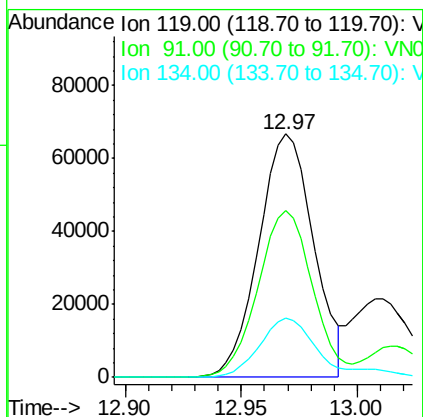
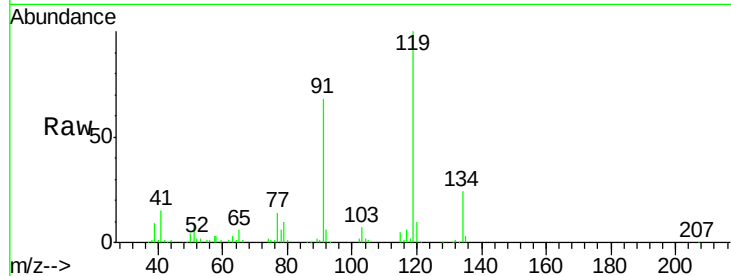




#79
 tert-butylbenzene
 Concen: 17.362 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

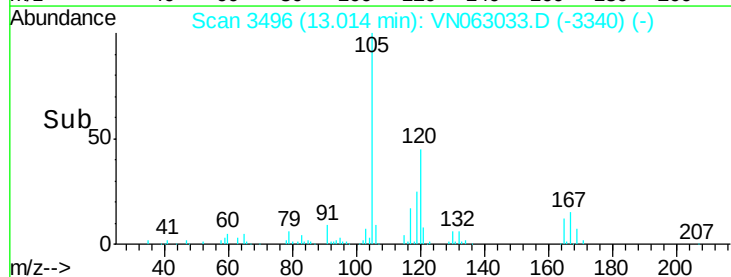
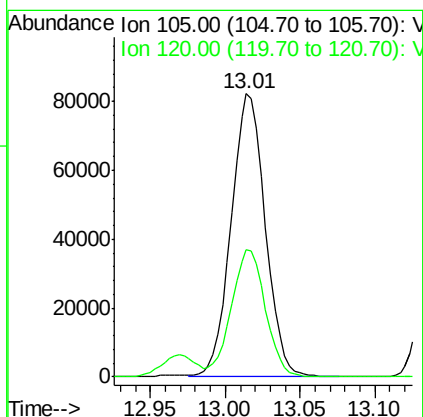
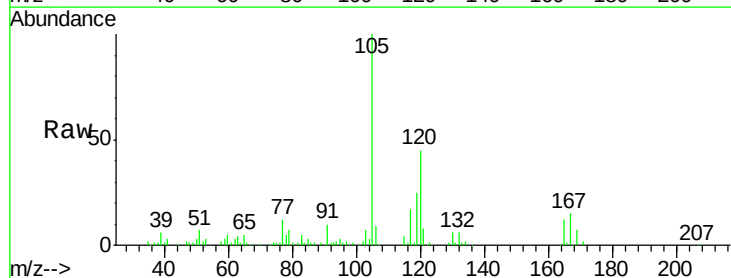
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

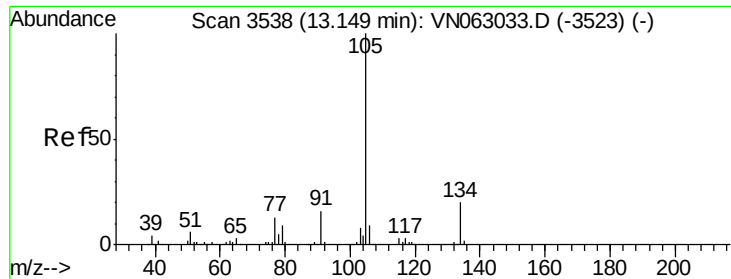
Tgt Ion:119 Resp: 110183
 Ion Ratio Lower Upper
 119 100
 91 68.4 0.0 136.8
 134 24.4 0.0 48.8



#80
 1,2,4-Trimethylbenzene
 Concen: 17.699 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion:105 Resp: 129942
 Ion Ratio Lower Upper
 105 100
 120 45.2 0.0 90.4

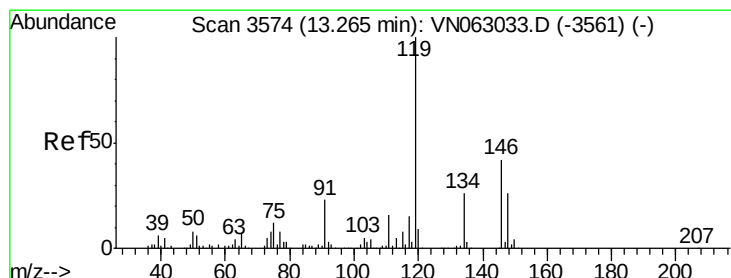
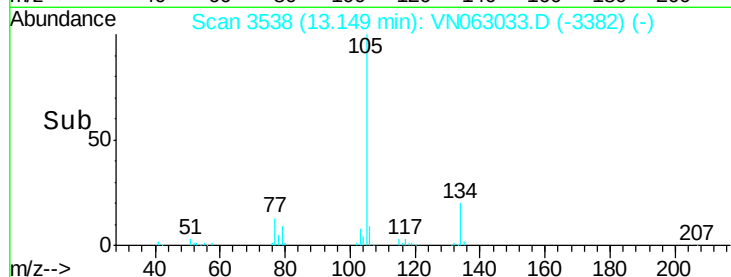
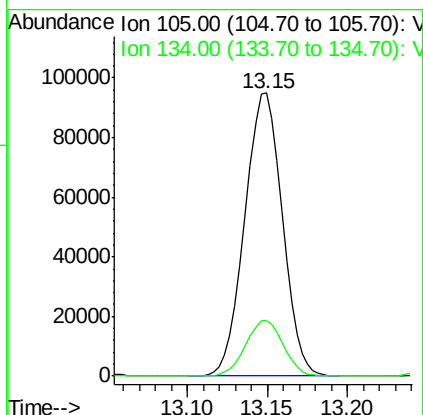
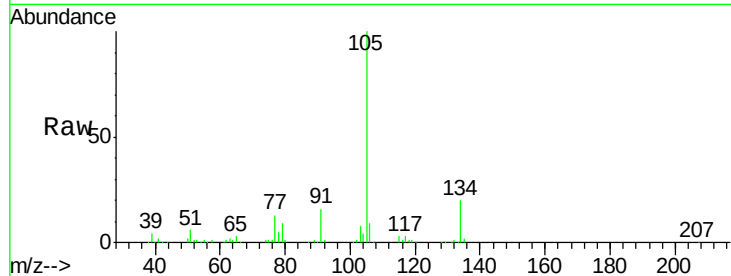




#81
 sec-Butylbenzene
 Concen: 17.423 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

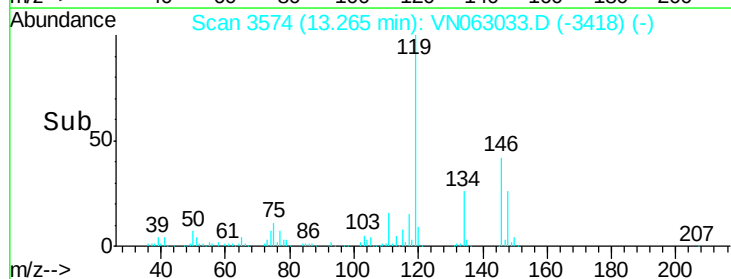
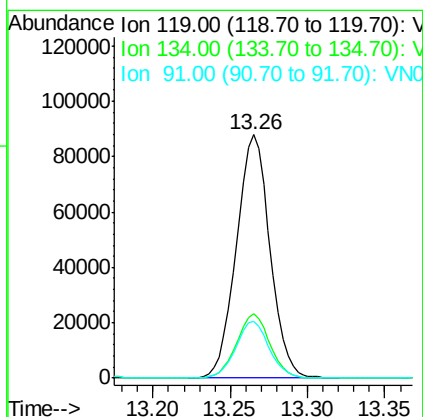
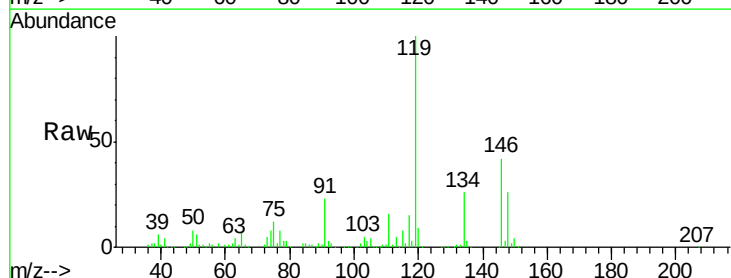
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

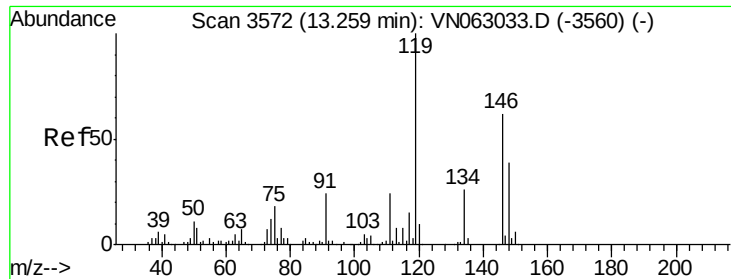
Tgt Ion:105 Resp: 152309
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 17.141 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion:119 Resp: 132846
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 23.1 0.0 46.2

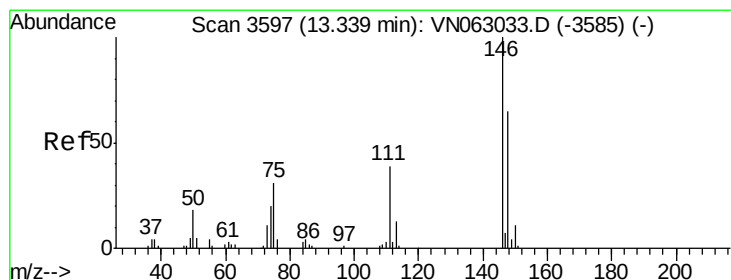
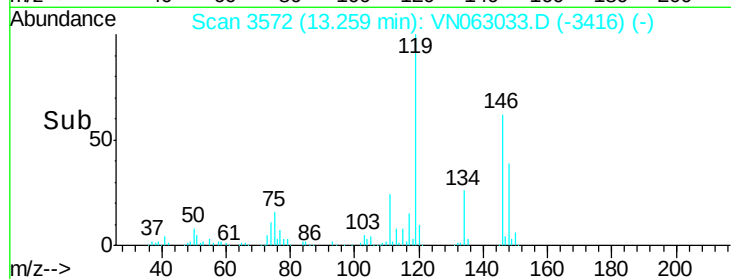
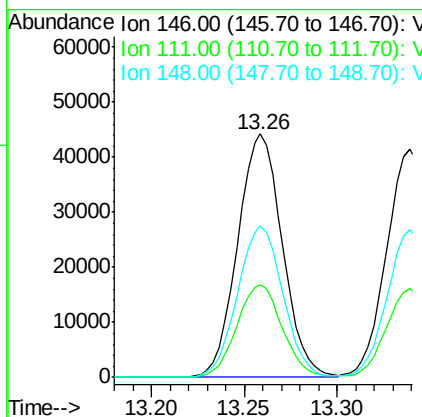
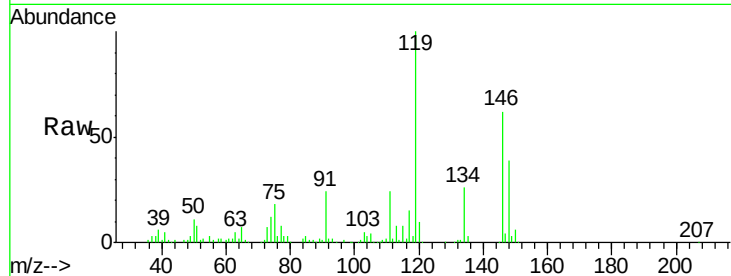




#83
 1,3-Dichlorobenzene
 Concen: 17.786 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

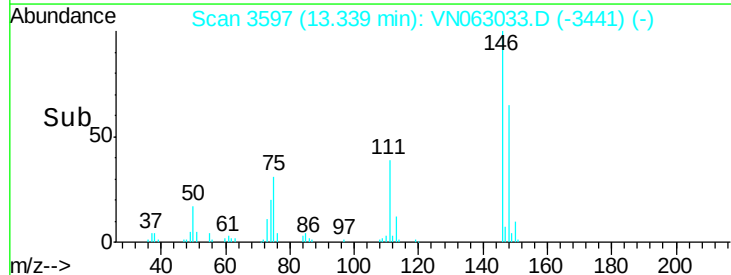
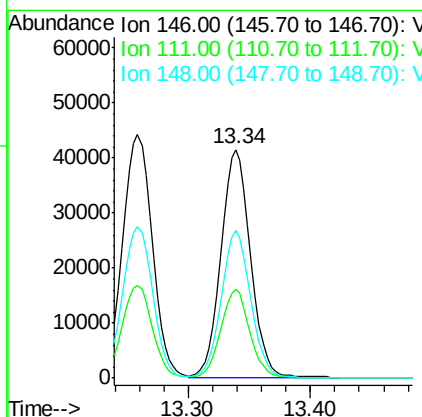
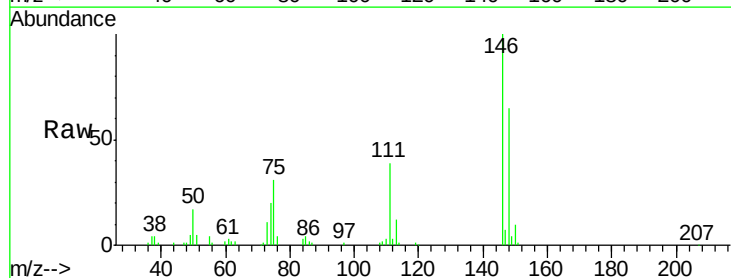
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

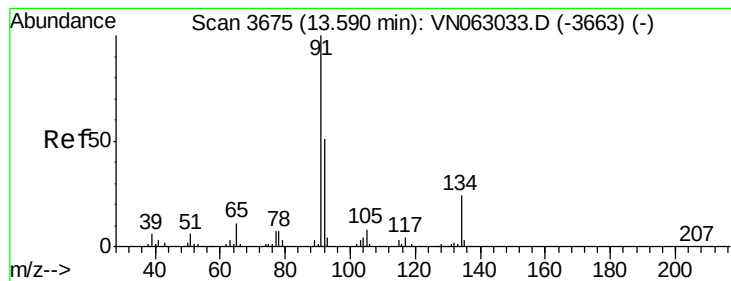
Tgt Ion:146 Resp: 74013
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 63.0 31.5 94.5



#84
 1,4-Dichlorobenzene
 Concen: 17.484 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion:146 Resp: 71108
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.2 31.6 94.8





#85

n-Butylbenzene

Concen: 16.007 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063033.D

Acq: 20 Aug 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC020

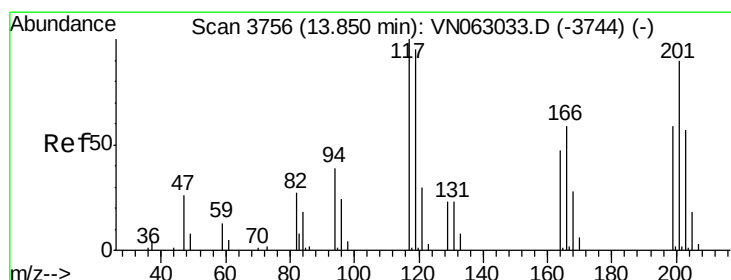
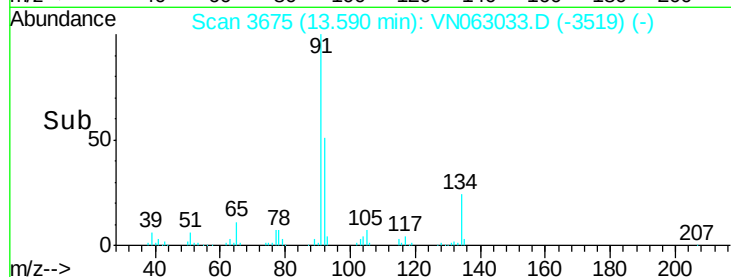
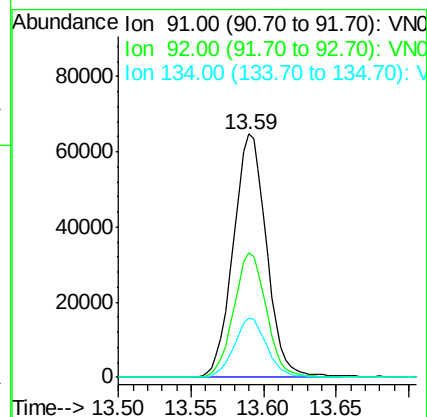
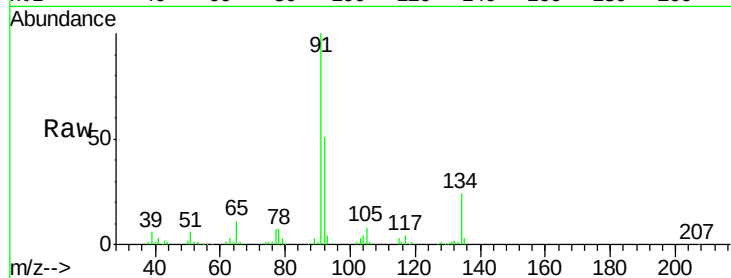
Tgt Ion: 91 Resp: 103095

Ion Ratio Lower Upper

91 100

92 50.3 0.0 100.6

134 23.7 0.0 47.4



#86

Hexachloroethane

Concen: 17.648 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN063033.D

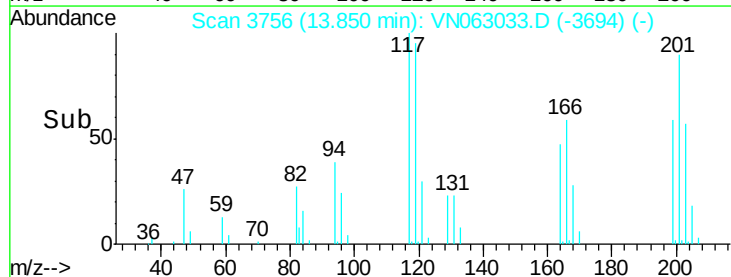
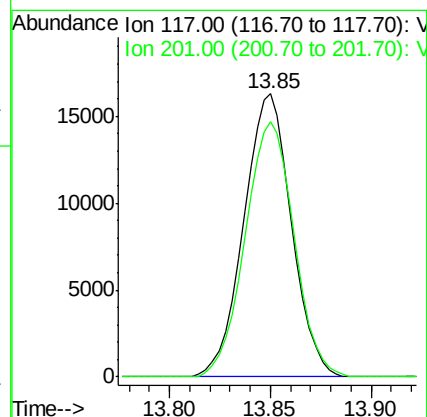
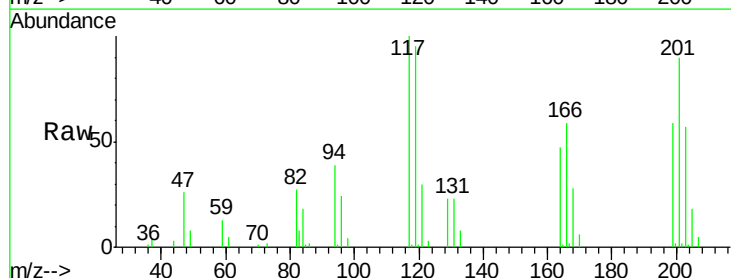
Acq: 20 Aug 2020 13:00

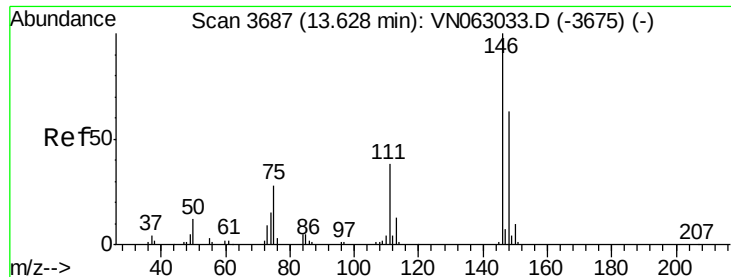
Tgt Ion: 117 Resp: 26937

Ion Ratio Lower Upper

117 100

201 92.2 46.1 138.3

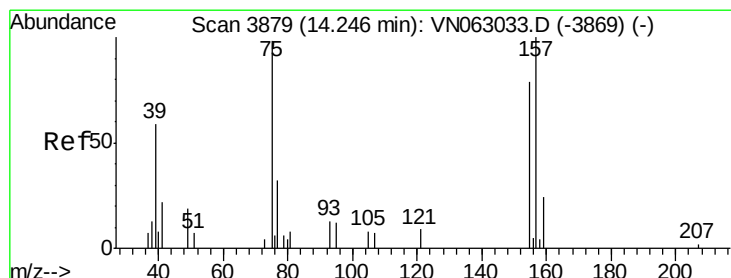
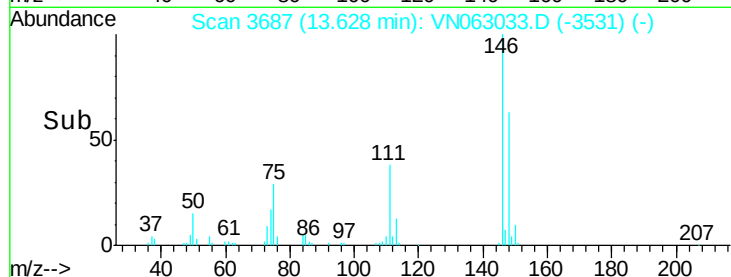
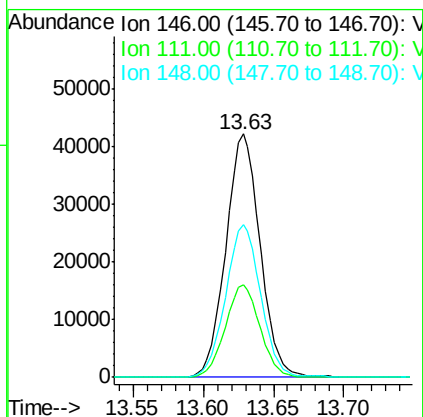
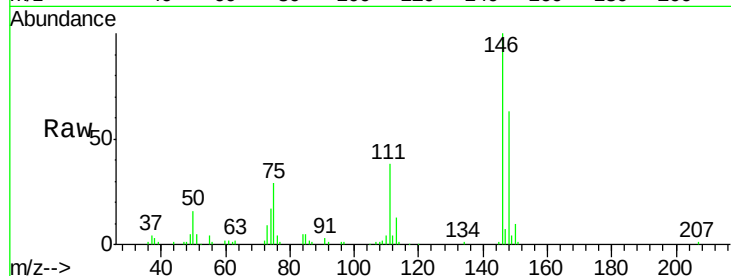




#87
 1,2-Dichlorobenzene
 Concen: 18.023 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

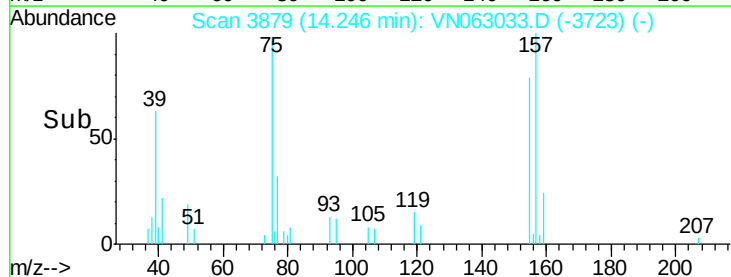
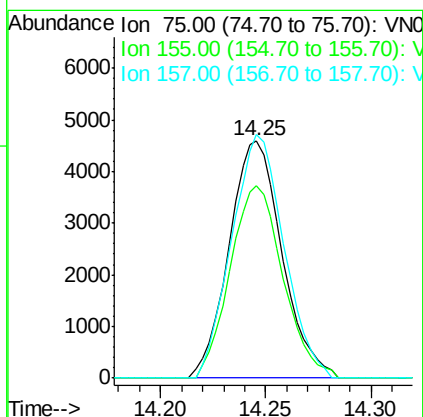
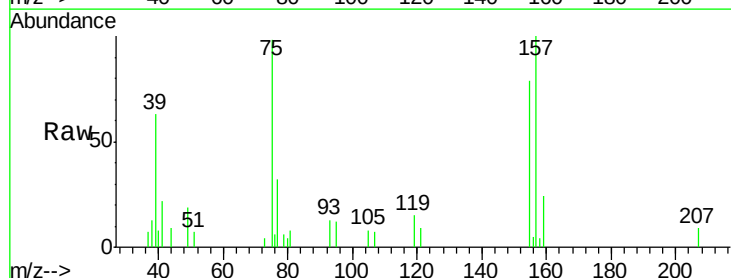
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC020

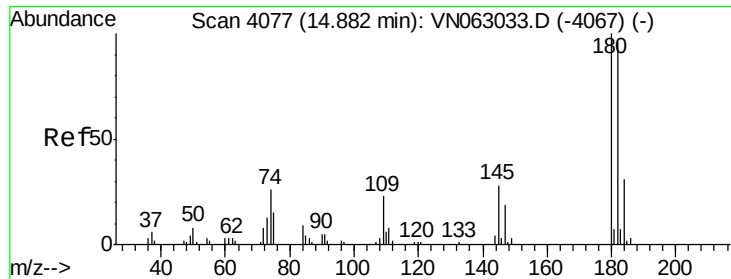
Tgt Ion:146 Resp: 71832
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 63.6 31.8 95.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.800 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion: 75 Resp: 8002
 Ion Ratio Lower Upper
 75 100
 155 81.0 64.8 97.2
 157 101.5 81.2 121.8

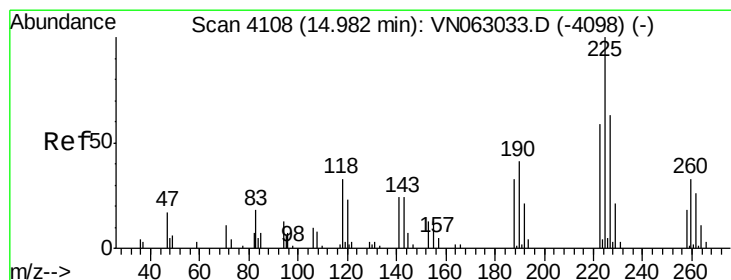
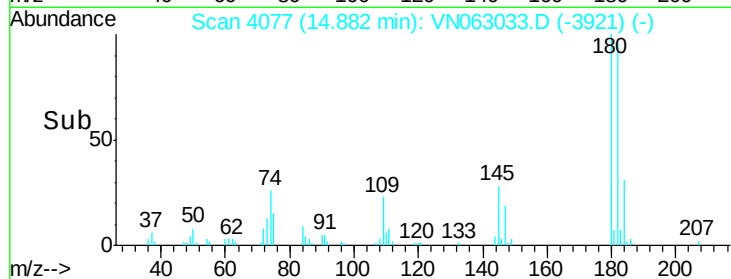
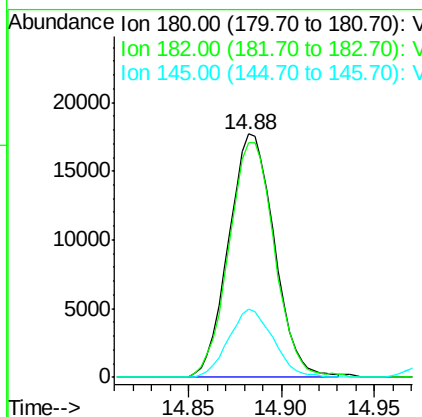
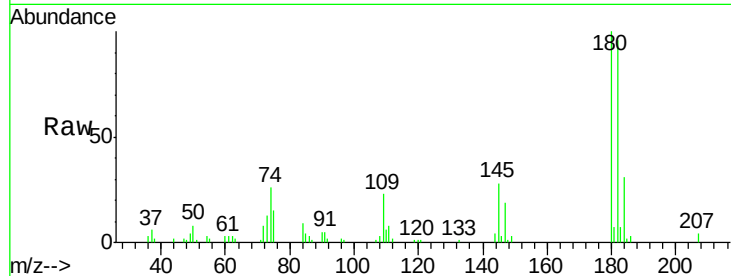




#89
 1,2,4-Trichlorobenzene
 Concen: 15.436 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

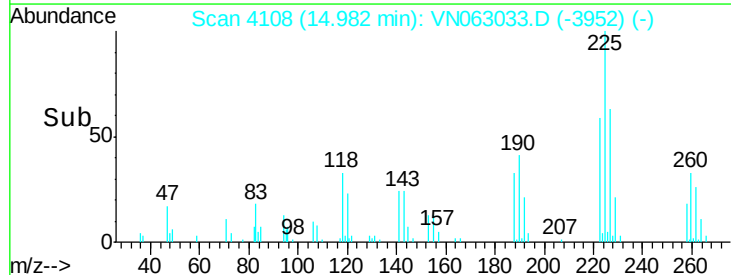
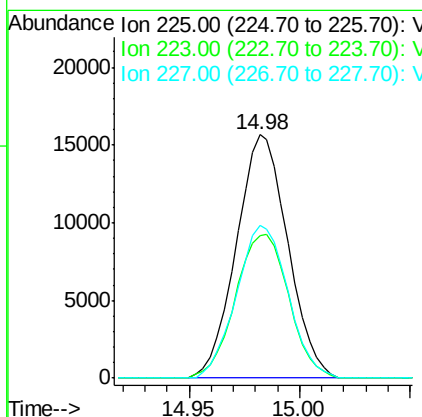
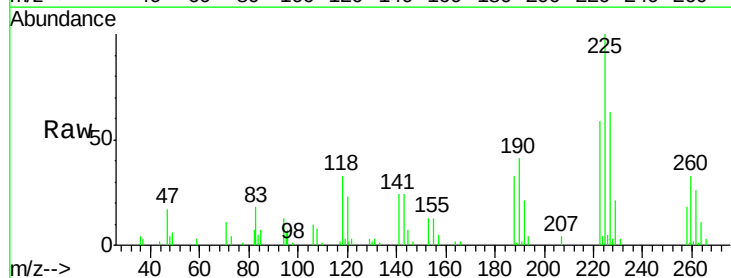
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

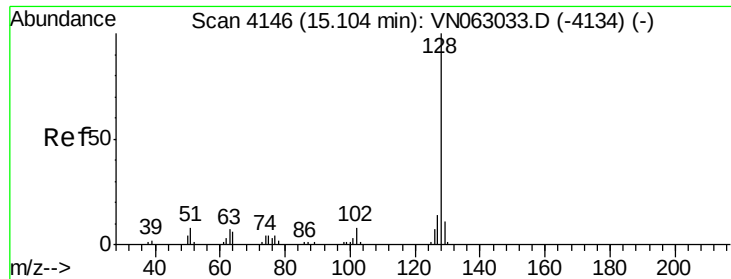
Tgt Ion:180 Resp: 30359
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.9 115.3
 145 27.4 21.9 32.9



#90
 Hexachlorobutadiene
 Concen: 17.412 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN063033.D
 Acq: 20 Aug 2020 13:00

Tgt Ion:225 Resp: 25348
 Ion Ratio Lower Upper
 225 100
 223 61.4 0.0 122.8
 227 62.8 0.0 125.6

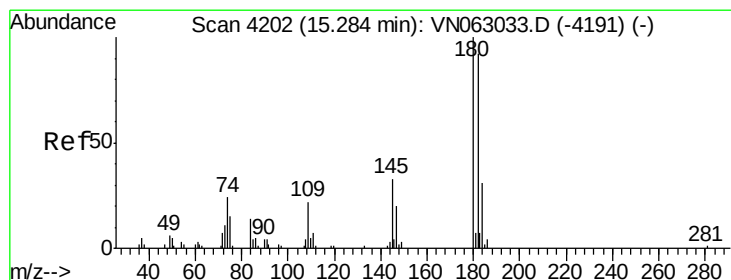
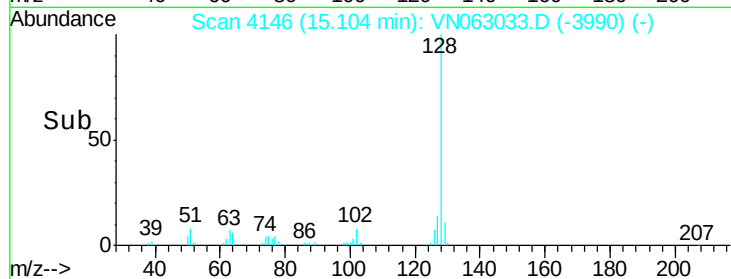
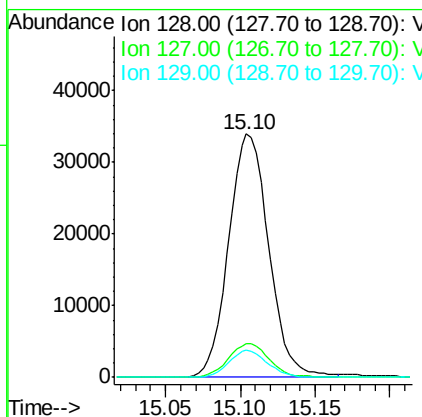
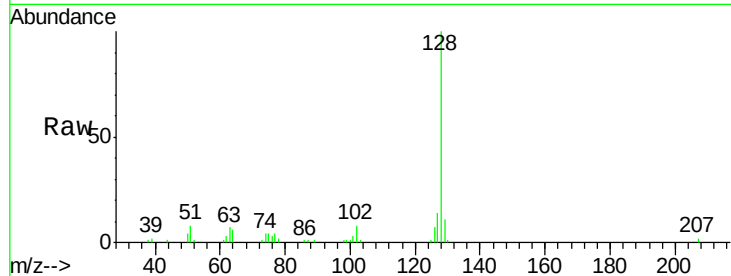




#91
Naphthalene
Concen: 14.616 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 63520
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 10.5 8.4 12.6



#92
1,2,3-Trichlorobenzene
Concen: 15.983 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063033.D
Acq: 20 Aug 2020 13:00

Tgt Ion:180 Resp: 31384
Ion Ratio Lower Upper
180 100
182 94.0 0.0 188.0
145 31.0 0.0 62.0

