

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063647.D
 Acq On : 24 Sep 2020 23:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 25 05:35:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204974	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	141949	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.06	98	542322	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	206721	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	118925	45.357	ug/l	98
3) Chloromethane	2.04	50	144952	41.790	ug/l	99
4) Vinyl Chloride	2.17	62	147575	48.021	ug/l	99
5) Bromomethane	2.53	94	91789	50.306	ug/l	98
6) Chloroethane	2.67	64	93601	49.619	ug/l	95
7) Trichlorofluoromethane	2.99	101	245095	53.456	ug/l	94
8) Diethyl Ether	3.38	74	83467	46.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124317	48.212	ug/l	97
10) Methyl Iodide	3.91	142	159578	47.535	ug/l	98
11) Tert butyl alcohol	4.73	59	112698	206.488	ug/l	99
12) 1,1-Dichloroethene	3.70	96	121800	46.636	ug/l	99
13) Acrolein	3.57	56	56477	279.230	ug/l	98
14) Allyl chloride	4.28	41	229164	44.359	ug/l	96
15) Acrylonitrile	4.93	53	332960	239.834	ug/l	99
16) Acetone	3.78	43	302216	238.690	ug/l	98
17) Carbon Disulfide	4.02	76	316204	41.623	ug/l	100
18) Methyl Acetate	4.28	43	165322	51.434	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	462427	47.506	ug/l	98
20) Methylene Chloride	4.50	84	149987	46.755	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	135051	46.672	ug/l	95
22) Diisopropyl ether	5.90	45	501666	47.614	ug/l	100
23) Vinyl Acetate	5.85	43	2065256	238.676	ug/l	99
24) 1,1-Dichloroethane	5.80	63	275400	47.877	ug/l	99
25) 2-Butanone	6.78	43	461031	236.754	ug/l	99
26) 2,2-Dichloropropane	6.78	77	194867	38.477	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159695	48.759	ug/l	99
28) Bromochloromethane	7.15	49	141480	53.269	ug/l	98
29) Tetrahydrofuran	7.17	42	315477	237.207	ug/l	98
30) Chloroform	7.33	83	290940	50.413	ug/l	96
31) Cyclohexane	7.62	56	223858	41.142	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	254120	49.507	ug/l	98
36) 1,1-Dichloropropene	7.76	75	203380	47.568	ug/l	100
37) Ethyl Acetate	6.88	43	203122	48.405	ug/l #	95
38) Carbon Tetrachloride	7.73	117	217534	49.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	200578	43.225	ug/l	99
40) Benzene	8.00	78	601885	49.314	ug/l	98
41) Methacrylonitrile	7.13	41	97138	51.468	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	248447	50.618	ug/l	100
43) Isopropyl Acetate	8.13	43	342065	45.588	ug/l	99
44) Trichloroethene	8.80	130	144788	48.910	ug/l	99
45) 1,2-Dichloropropane	9.08	63	163620	49.221	ug/l	98
46) Dibromomethane	9.17	93	110908	50.763	ug/l	99
47) Bromodichloromethane	9.37	83	234643	51.696	ug/l	99
48) Methyl methacrylate	9.17	41	178890	48.526	ug/l	99
49) 1,4-Dioxane	9.17	88	44953	849.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1054271	250.978	ug/l	99
52) Toluene	10.13	92	374697	51.061	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	238292	47.026	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	255104	47.729	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	151335	51.920	ug/l	97
56) Ethyl methacrylate	10.40	69	222195	48.831	ug/l	98
57) 1,3-Dichloropropane	10.68	76	262616	49.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	572509	239.847	ug/l	98
59) 2-Hexanone	10.72	43	761000	250.061	ug/l	100
60) Dibromochloromethane	10.87	129	168095	51.048	ug/l	100
61) 1,2-Dibromoethane	10.98	107	153658	50.742	ug/l	98
64) Tetrachloroethene	10.60	164	135347	52.456	ug/l	99
65) Chlorobenzene	11.41	112	388694	48.324	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	149559	50.725	ug/l	98
67) Ethyl Benzene	11.49	91	737030	48.658	ug/l	99
68) m/p-Xylenes	11.59	106	542129	99.266	ug/l	99
69) o-Xylene	11.92	106	261598	50.283	ug/l	97
70) Styrene	11.94	104	451186	51.715	ug/l	99
71) Bromoform	12.10	173	112835	51.370	ug/l #	100
73) Isopropylbenzene	12.23	105	707943	48.470	ug/l	99
74) N-amyl acetate	12.04	43	318810	46.111	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	214904	47.520	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	297520	65.949	ug/l #	100
77) Bromobenzene	12.50	156	167374	50.944	ug/l	95
78) n-propylbenzene	12.57	91	820092	48.208	ug/l	100
79) 2-Chlorotoluene	12.65	91	496673	48.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	596151	48.948	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	69731	42.377	ug/l	94
82) 4-Chlorotoluene	12.75	91	524561	48.685	ug/l	100
83) tert-Butylbenzene	12.97	119	477666	47.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	610498	49.625	ug/l	100
85) sec-Butylbenzene	13.15	105	636838	47.330	ug/l	100
86) p-Isopropyltoluene	13.26	119	570307	48.055	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	303293	49.806	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	300345	48.512	ug/l	98
89) n-Butylbenzene	13.59	91	504329	46.103	ug/l	99
90) Hexachloroethane	13.85	117	104380	46.189	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	300844	50.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48146	44.708	ug/l	98

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Quant Title : SW846 8260
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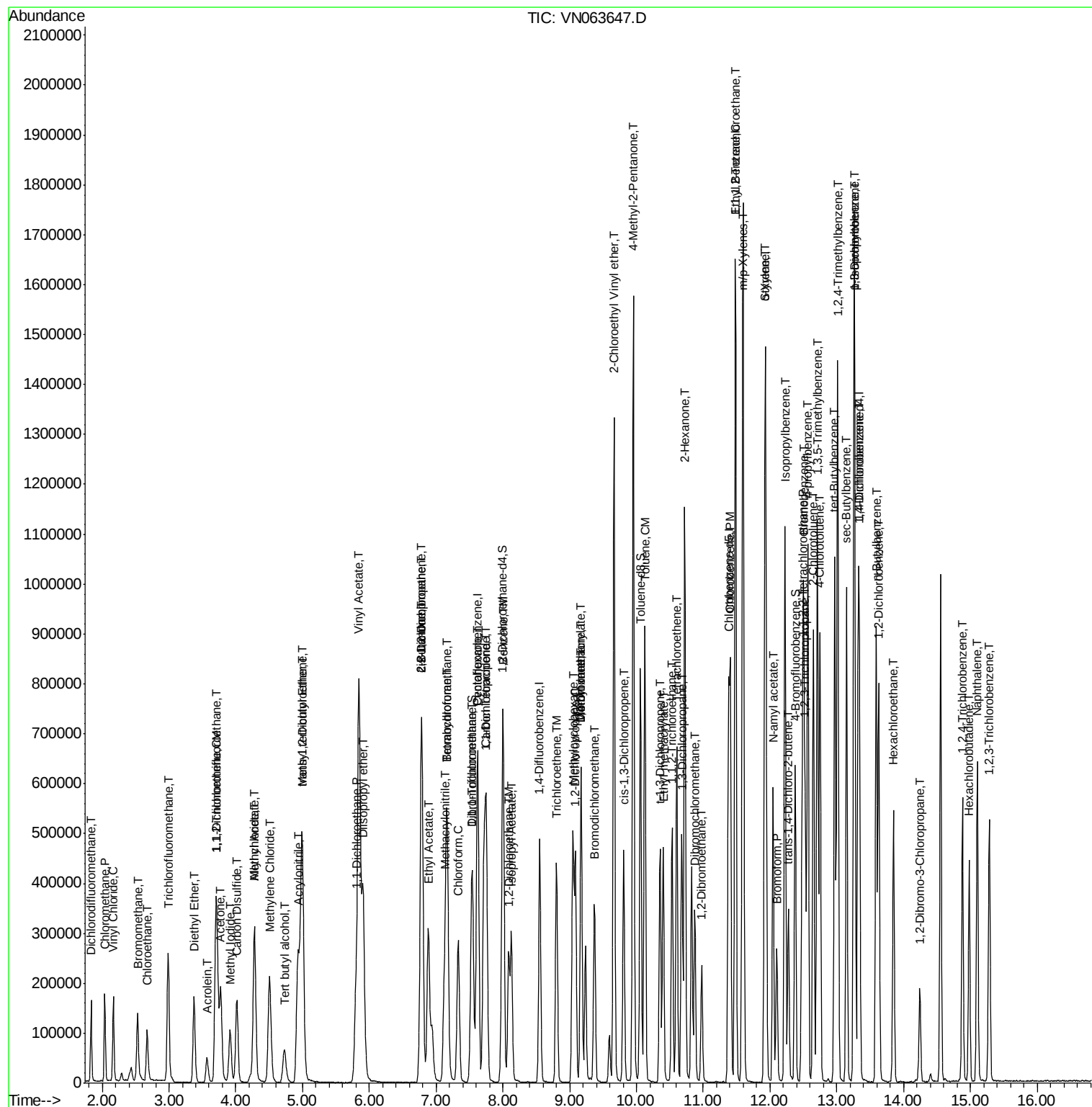
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	161012	45.683	ug/l	99
94) Hexachlorobutadiene	14.98	225	76679	52.551	ug/l	99
95) Naphthalene	15.10	128	515149	44.240	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	156118	45.843	ug/l	98

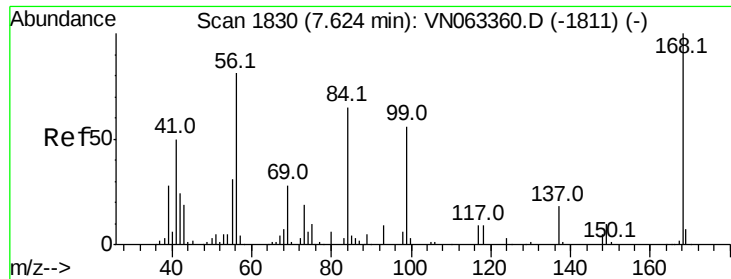
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092420\
Data File : VN063647.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

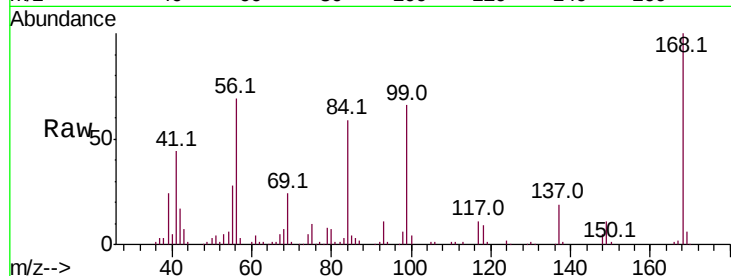
VSTDCCC050

Tot Ion:168 Resp: 231437

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

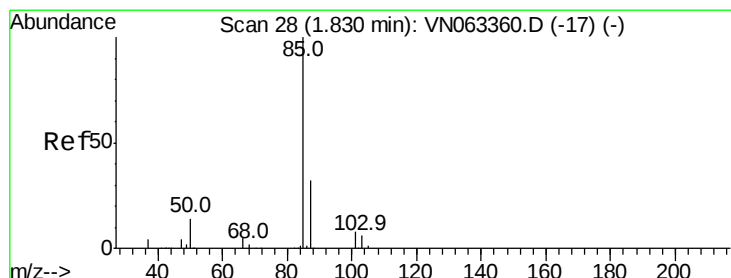
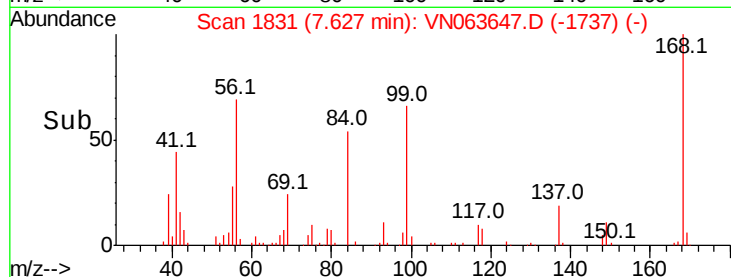
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.357 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063647.D

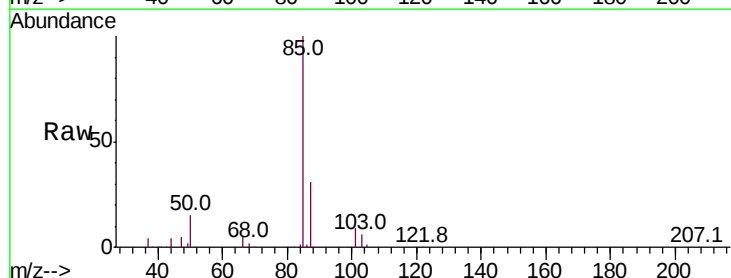
Acq: 24 Sep 2020 23:03

Tgt Ion: 85 Resp: 118925

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

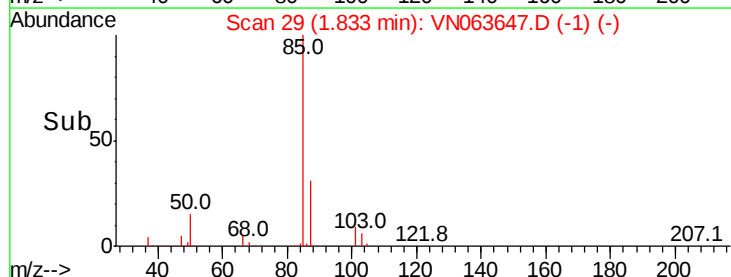
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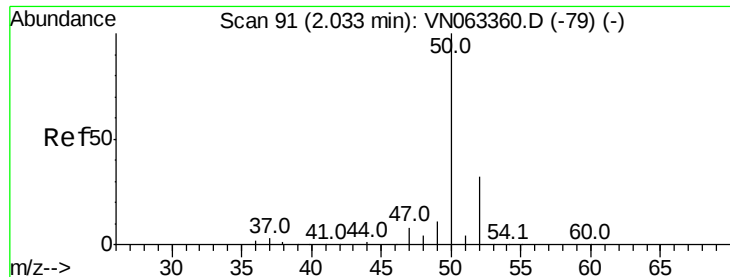
40000

20000

0

Time-->





#3

Chloromethane

Concen: 41.790 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

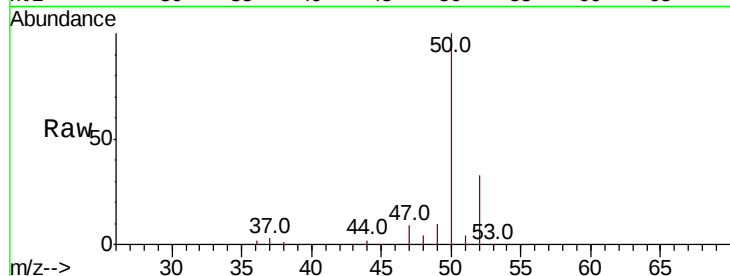
VSTDCCC050

Tot Ion: 50 Resp: 144952

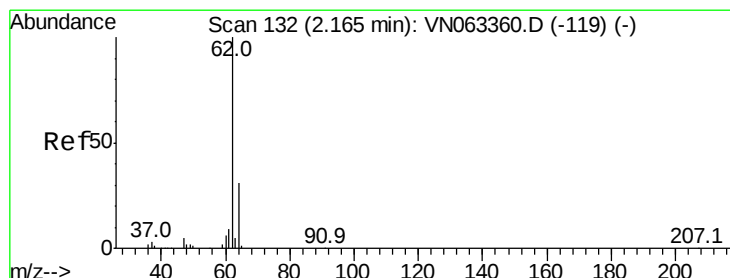
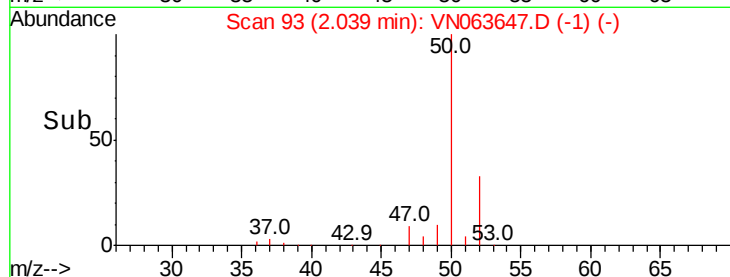
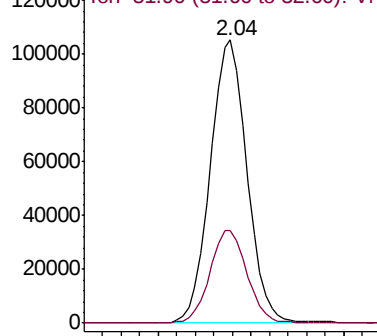
Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.021 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063647.D

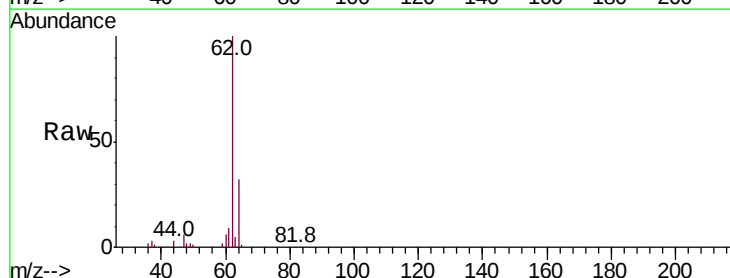
Acq: 24 Sep 2020 23:03

Tgt Ion: 62 Resp: 147575

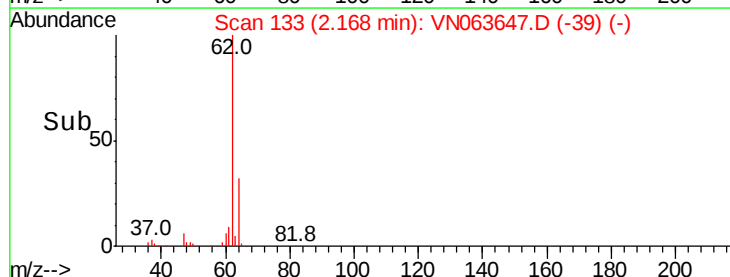
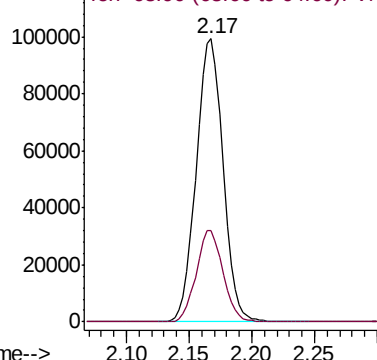
Ion Ratio Lower Upper

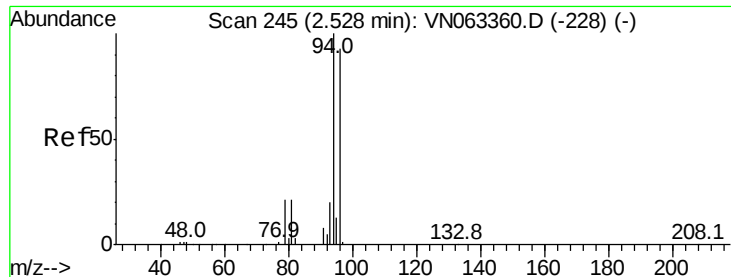
62 100

64 32.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 50.306 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

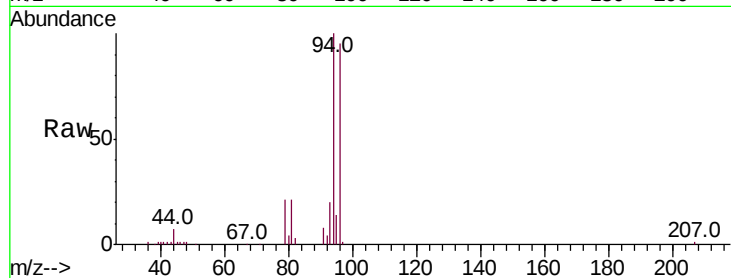
VSTDCCC050

Tot Ion: 94 Resp: 91789

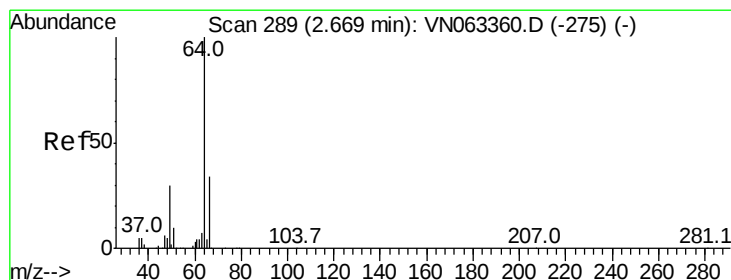
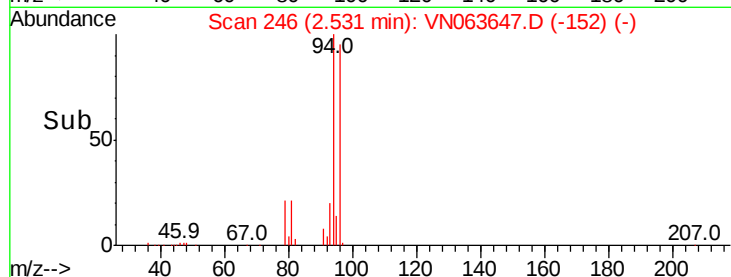
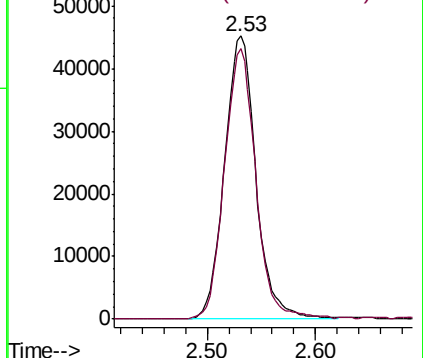
Ion Ratio Lower Upper

94 100

96 95.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 49.619 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063647.D

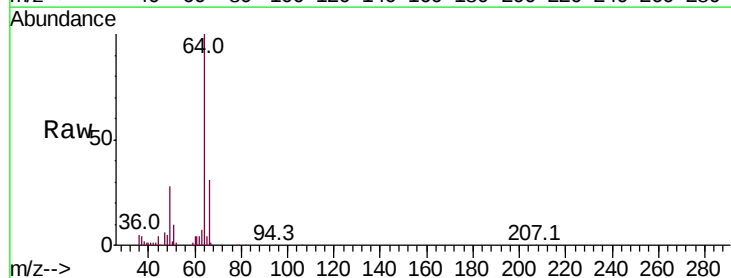
Acq: 24 Sep 2020 23:03

Tgt Ion: 64 Resp: 93601

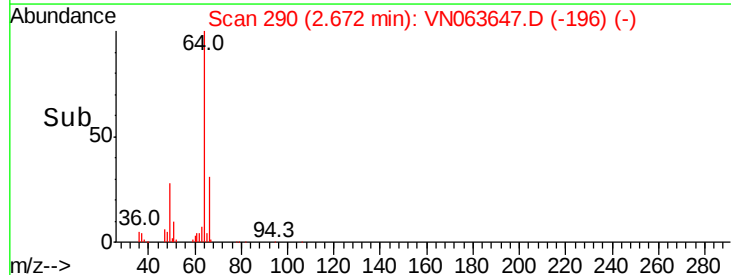
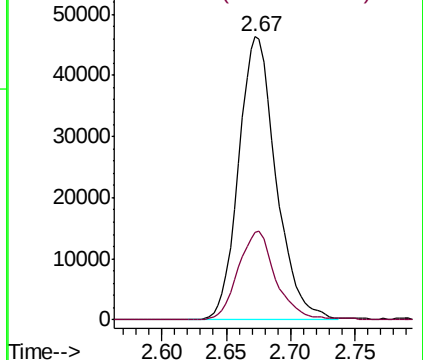
Ion Ratio Lower Upper

64 100

66 30.9 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



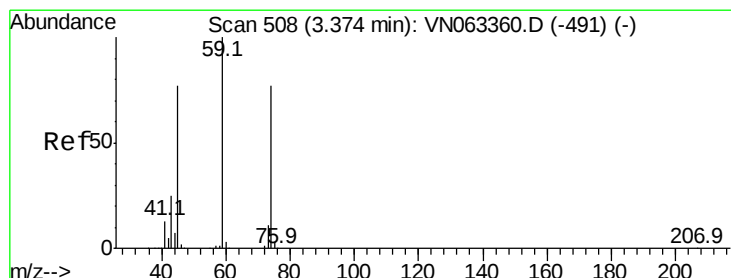
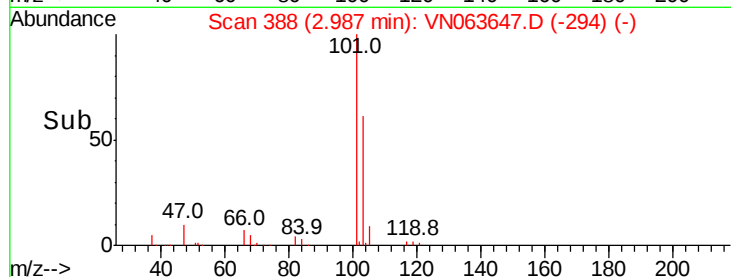
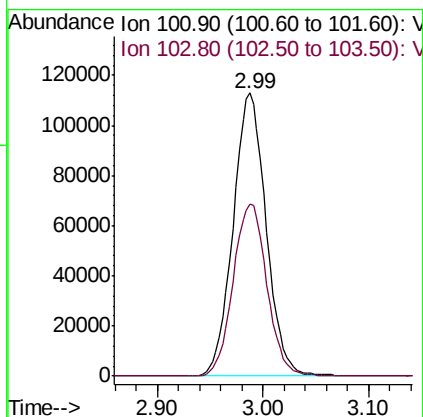
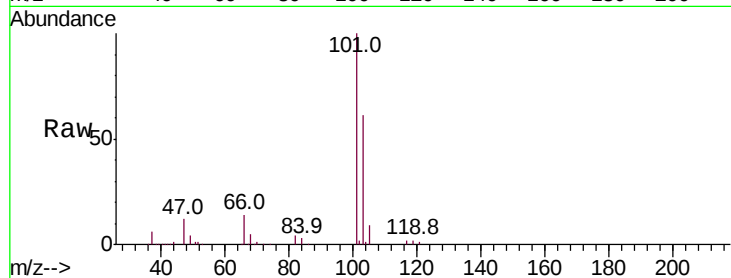


#7

Trichlorofluoromethane
Concen: 53.456 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

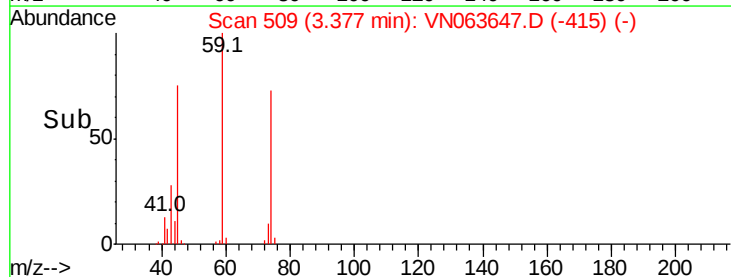
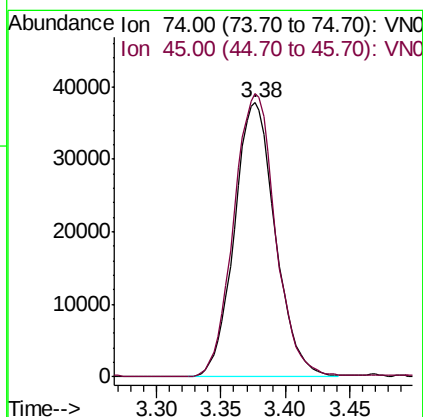
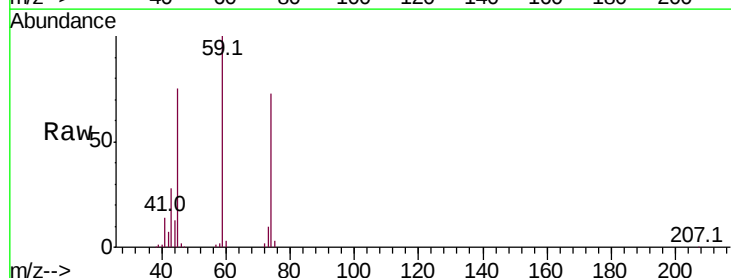
Tot Ion:101 Resp: 245095
Ion Ratio Lower Upper
101 100
103 60.7 52.3 78.5

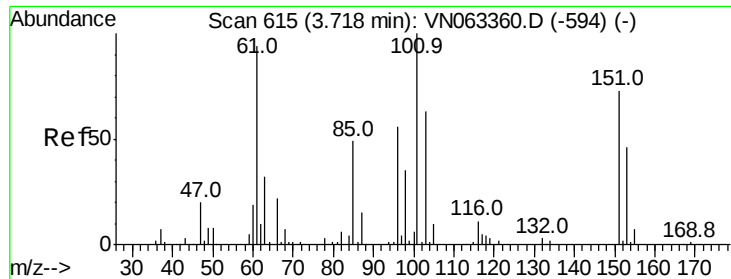


#8

Diethyl Ether
Concen: 46.698 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 74 Resp: 83467
Ion Ratio Lower Upper
74 100
45 105.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.212 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

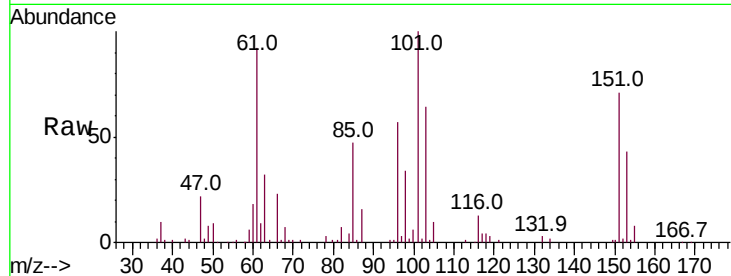
Tot Ion:101 Resp: 124317

Ion Ratio Lower Upper

101 100

85 49.4 37.7 56.5

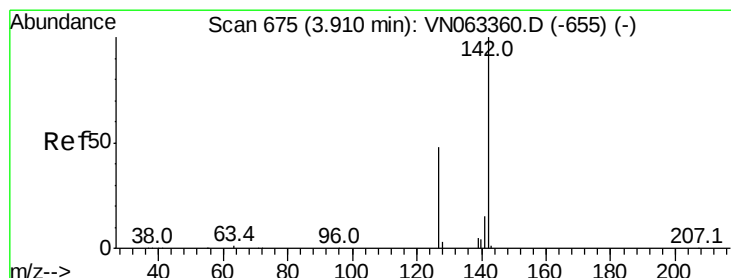
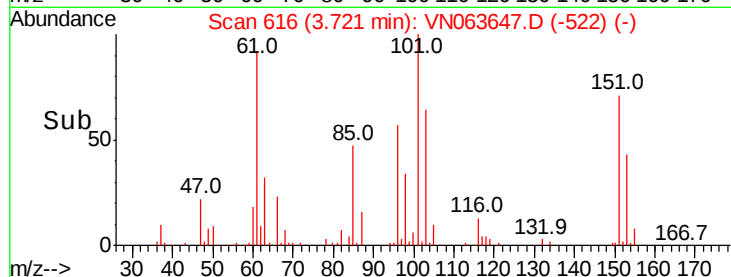
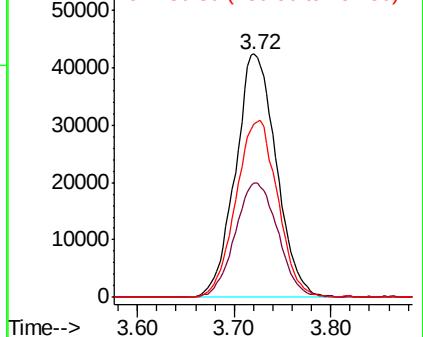
151 74.1 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.535 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

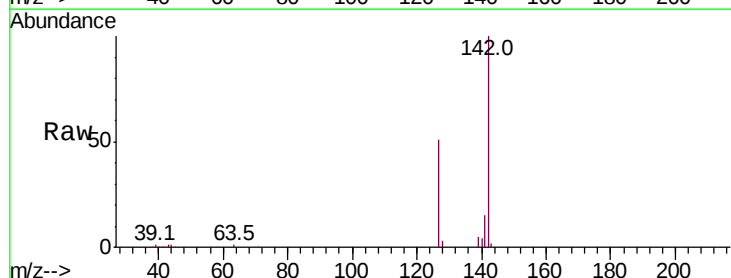
Tgt Ion:142 Resp: 159578

Ion Ratio Lower Upper

142 100

127 50.2 39.0 58.6

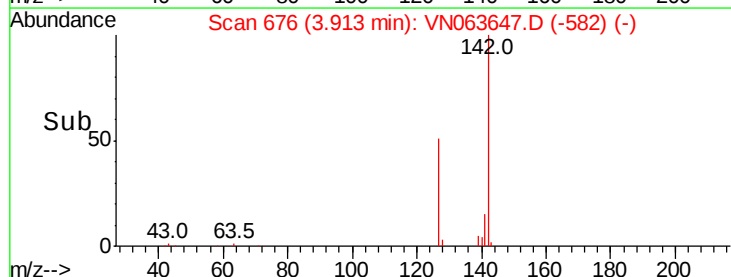
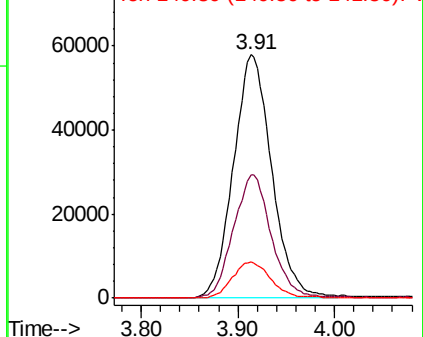
141 14.9 11.6 17.4

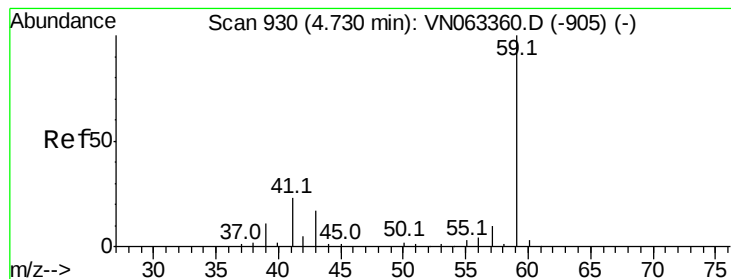


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



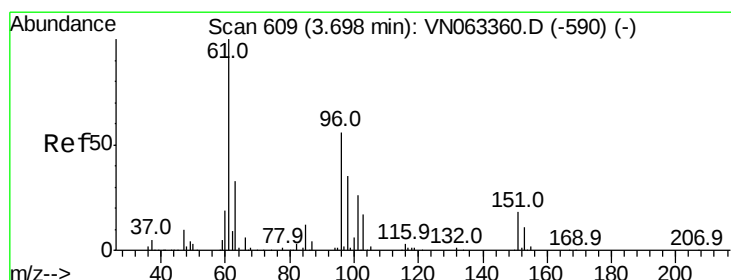
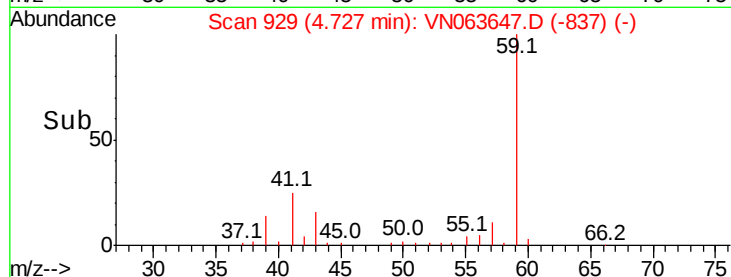
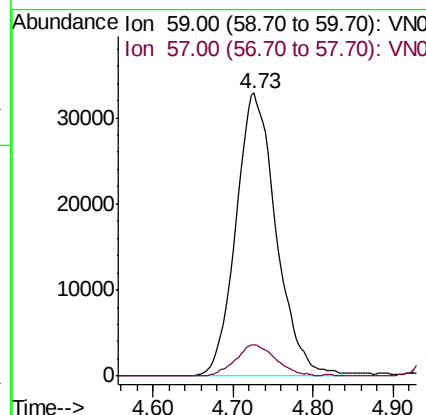
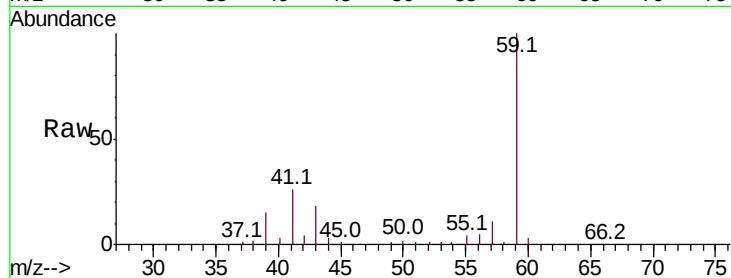


#11

Tert butyl alcohol
 Concen: 206.488 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

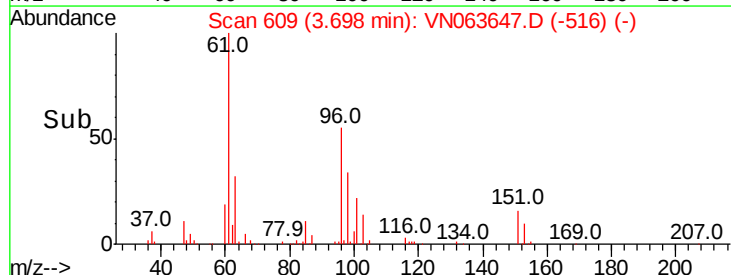
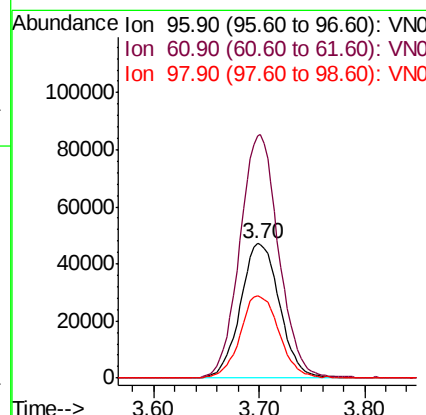
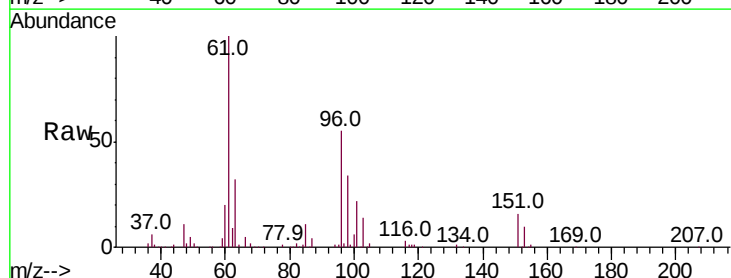
Tot Ion: 59 Resp: 112698
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.4 12.6

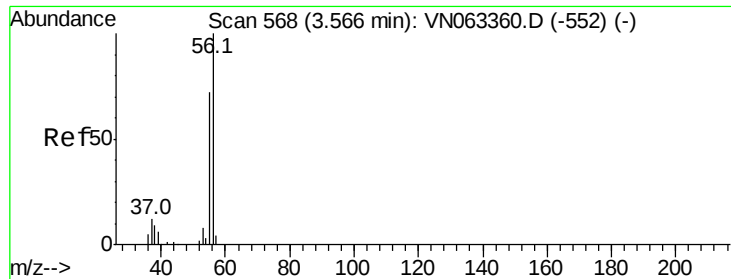


#12

1,1-Dichloroethene
 Concen: 46.636 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 96 Resp: 121800
 Ion Ratio Lower Upper
 96 100
 61 180.5 143.4 215.2
 98 61.0 50.6 76.0





#13

Acrolein

Concen: 279.230 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

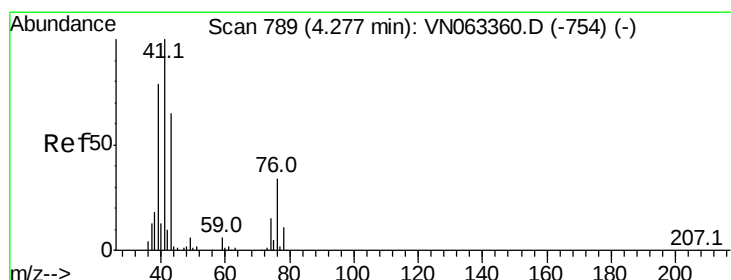
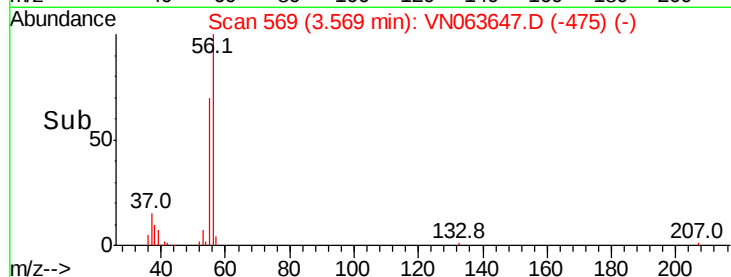
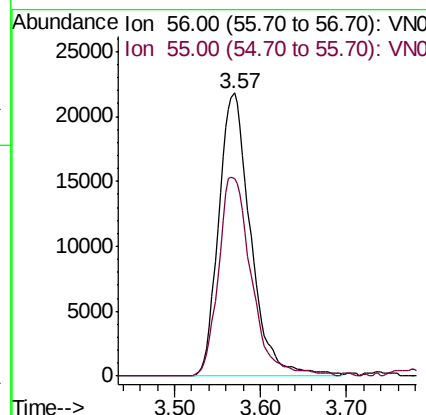
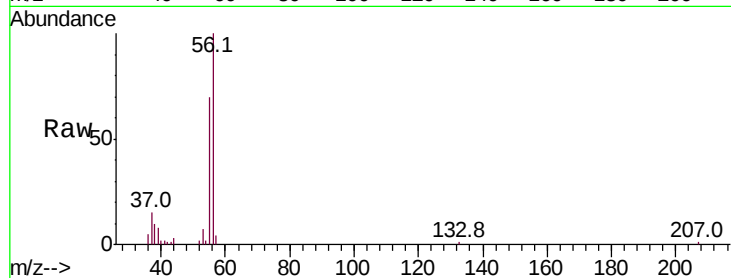
VSTDCCC050

Tot Ion: 56 Resp: 56477

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.2



#14

Allyl chloride

Concen: 44.359 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

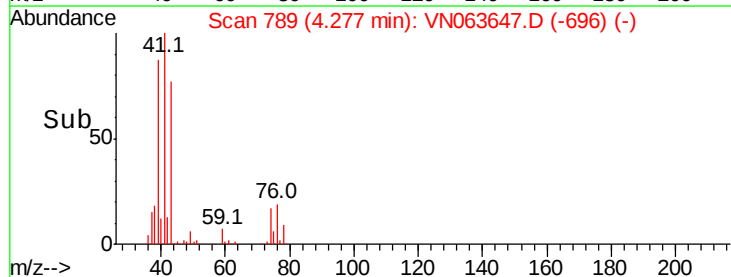
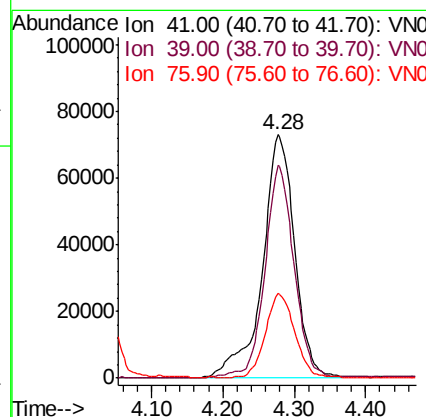
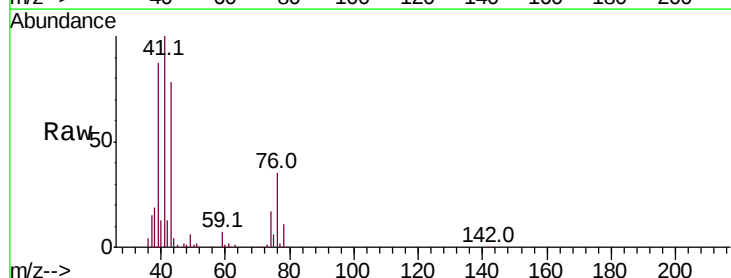
Tgt Ion: 41 Resp: 229164

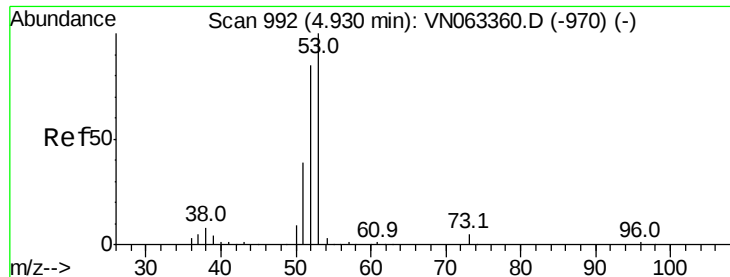
Ion Ratio Lower Upper

41 100

39 79.0 59.3 88.9

76 31.6 25.3 37.9





#15

Acrylonitrile

Concen: 239.834 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

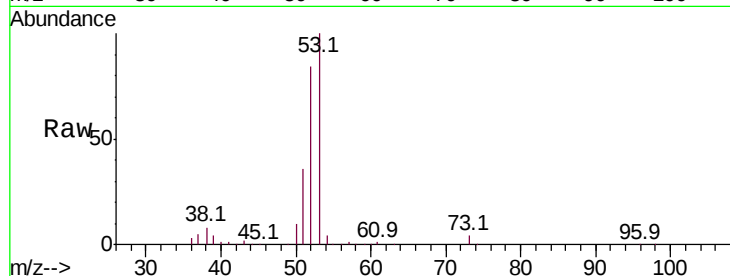
Tot Ion: 53 Resp: 332960

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

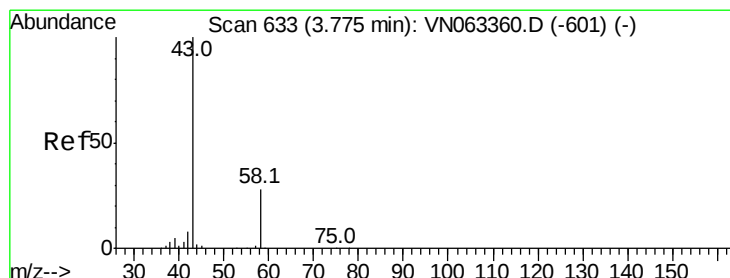
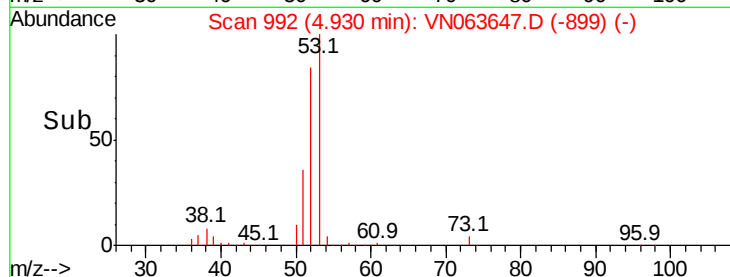
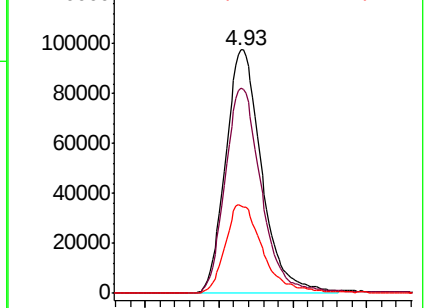
51 38.0 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 238.690 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063647.D

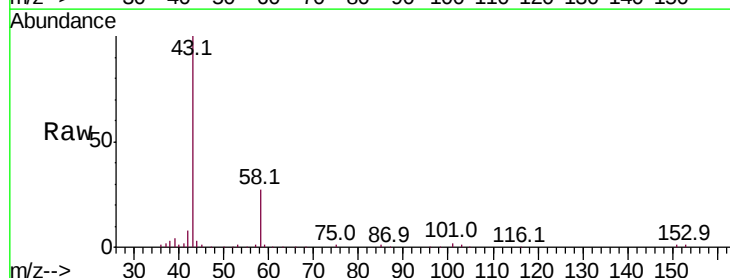
Acq: 24 Sep 2020 23:03

Tgt Ion: 43 Resp: 302216

Ion Ratio Lower Upper

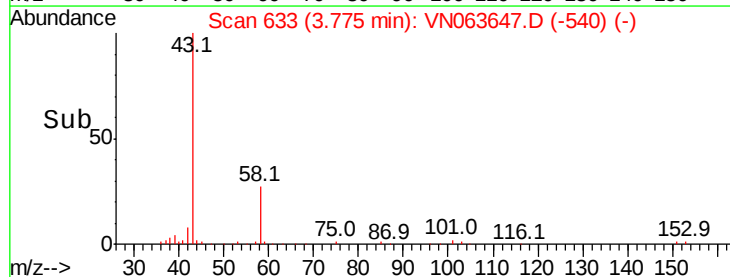
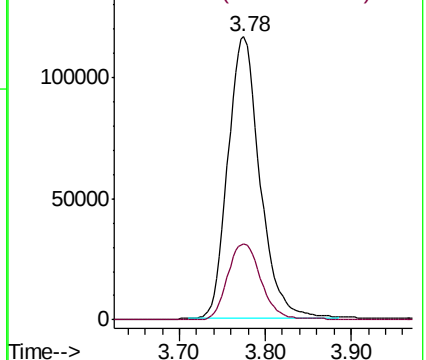
43 100

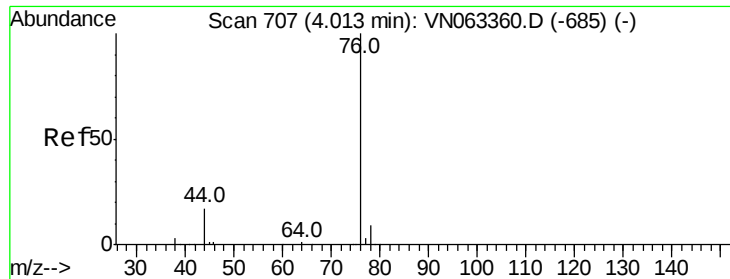
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

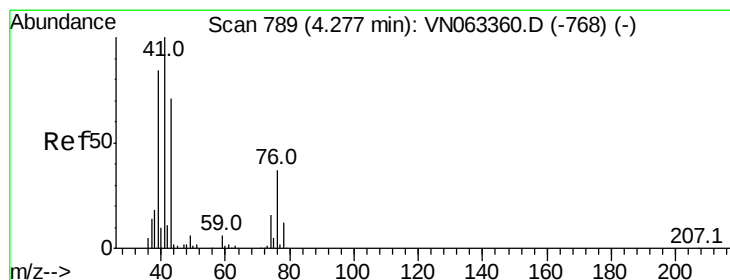
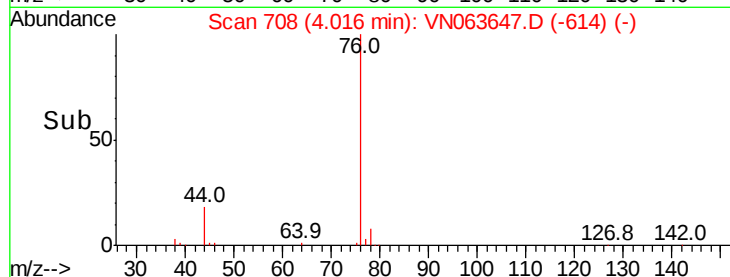
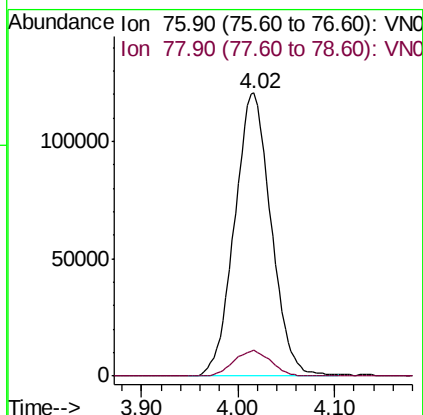
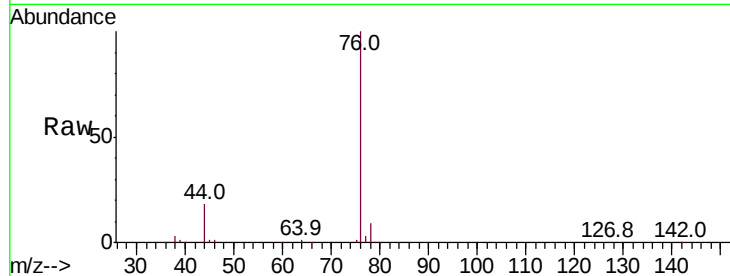




#17
Carbon Disulfide
Concen: 41.623 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

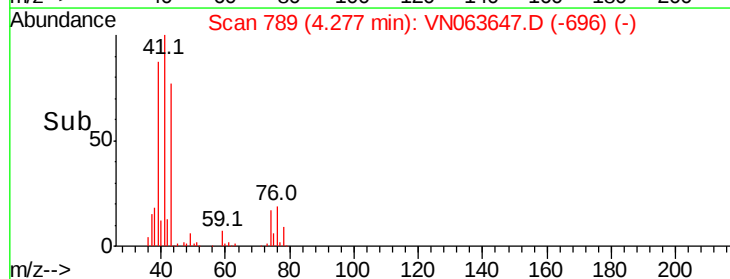
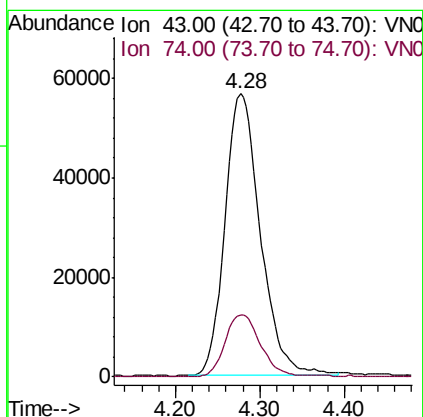
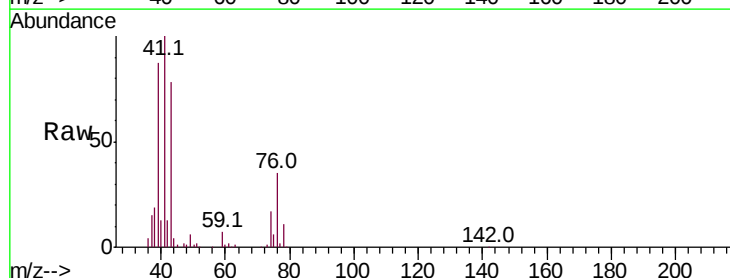
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

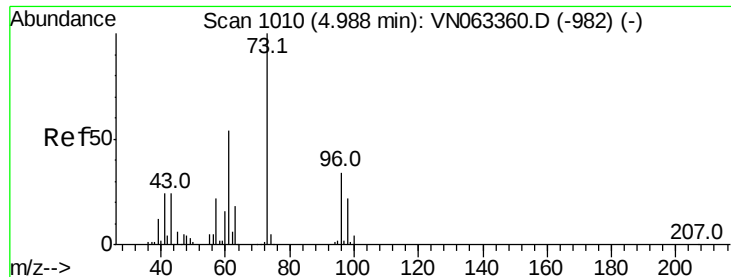
Tot Ion: 76 Resp: 316204
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 51.434 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 43 Resp: 165322
Ion Ratio Lower Upper
43 100
74 22.1 17.4 26.2

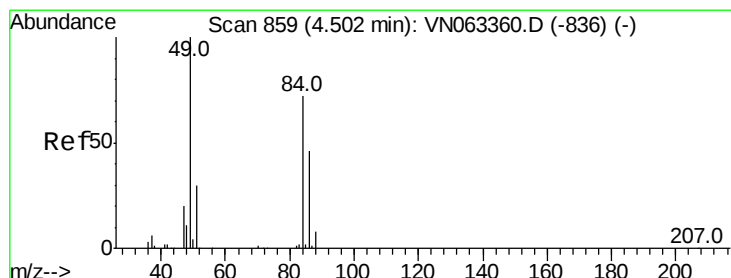
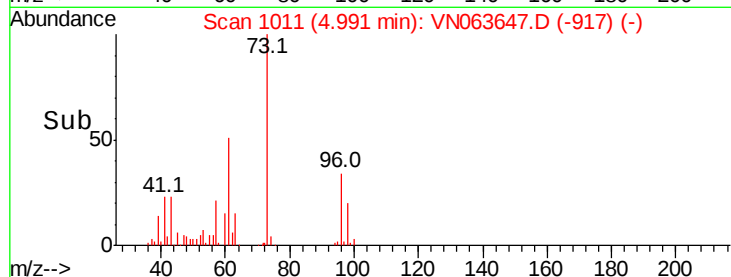
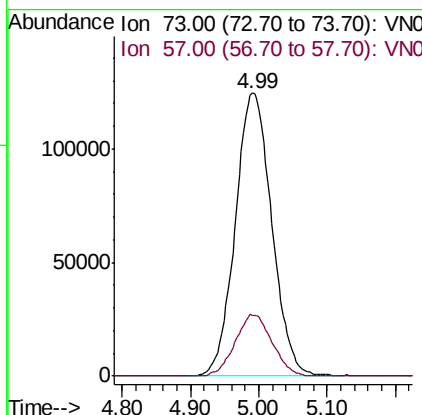
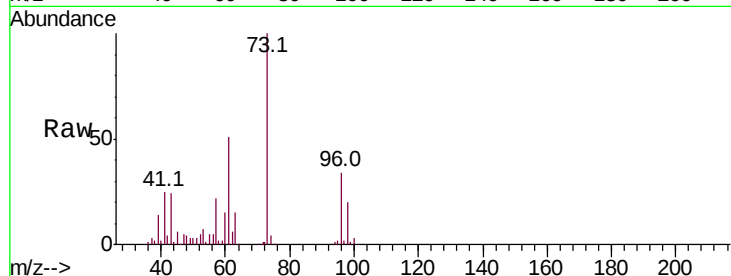




#19
Methvl tert-butvl Ether
Concen: 47.506 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

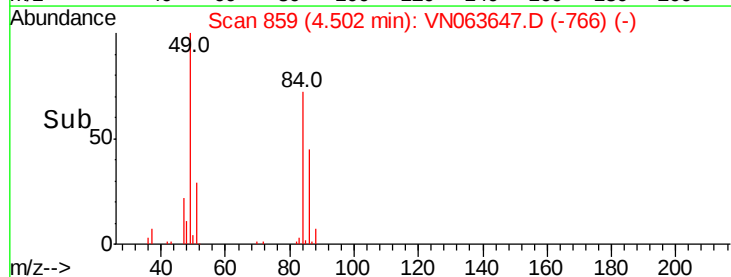
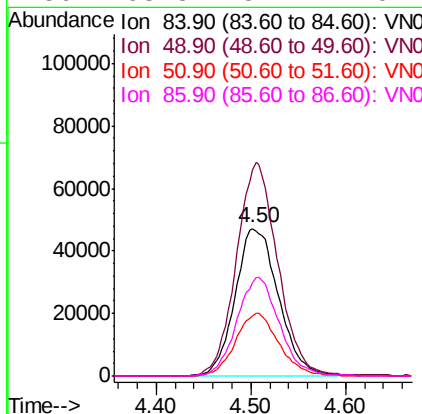
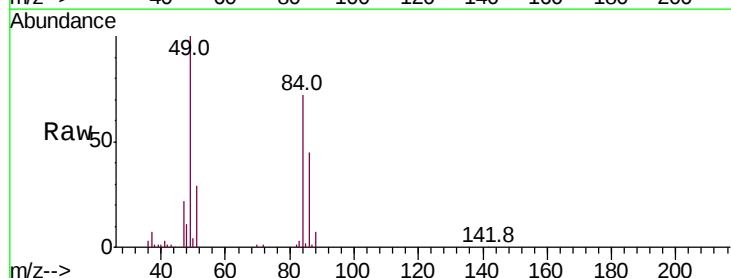
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

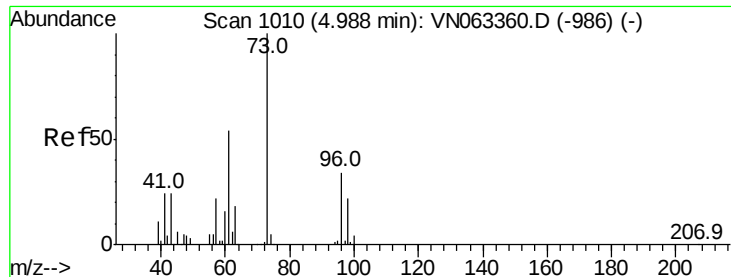
Tot Ion: 73 Resp: 462427
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 46.755 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 84 Resp: 149987
Ion Ratio Lower Upper
84 100
49 139.4 110.7 166.1
51 40.7 32.9 49.3
86 63.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.672 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

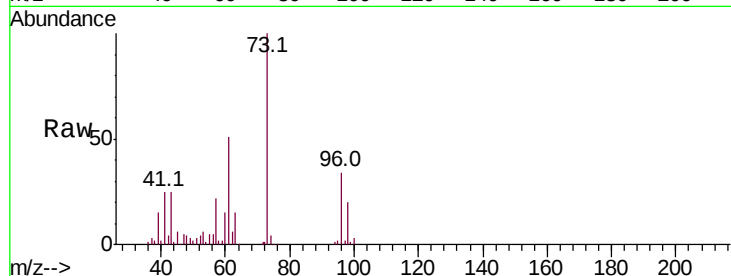
Tot Ion: 96 Resp: 135051

Ion Ratio Lower Upper

96 100

61 151.2 126.2 189.4

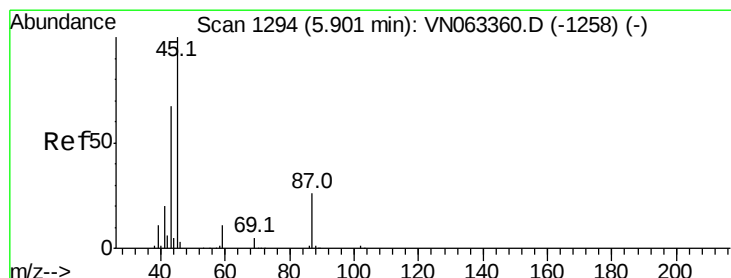
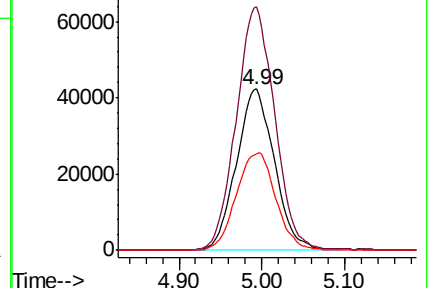
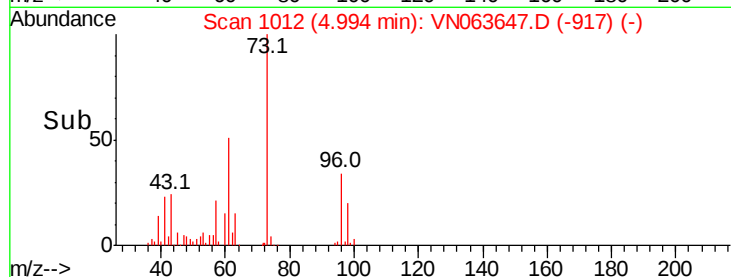
98 59.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.614 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion: 45 Resp: 501666

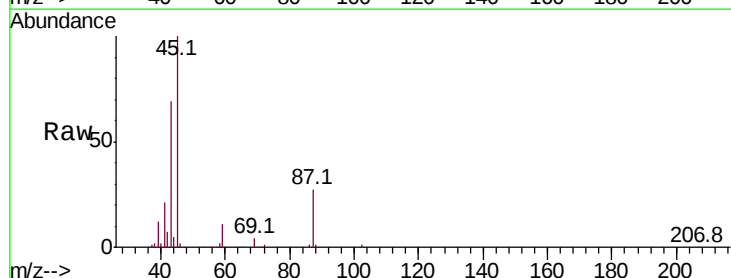
Ion Ratio Lower Upper

45 100

43 66.9 53.5 80.3

87 26.8 21.2 31.8

59 10.9 8.8 13.2

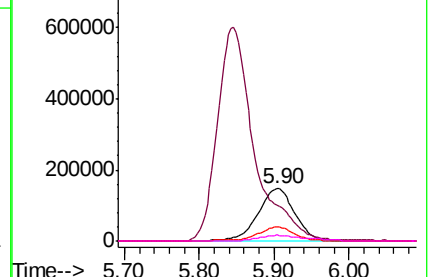
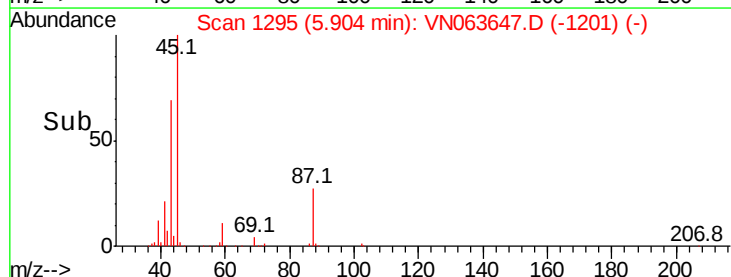


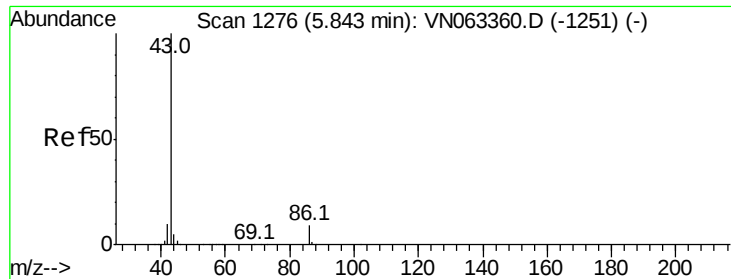
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 238.676 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

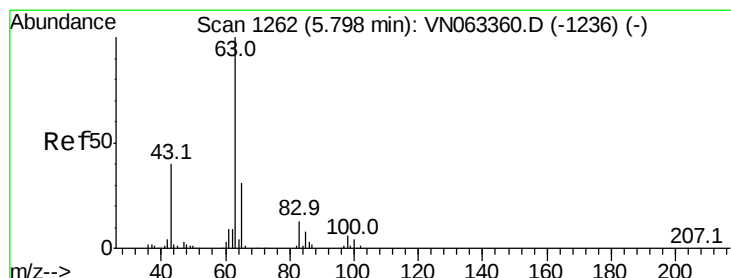
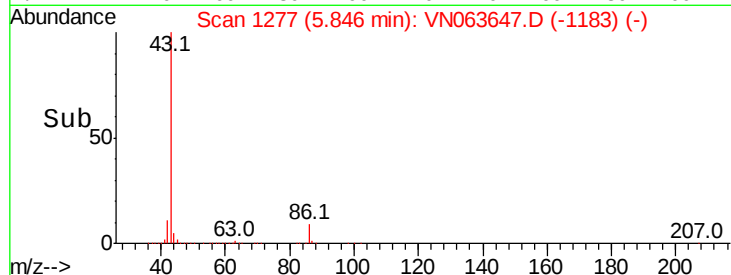
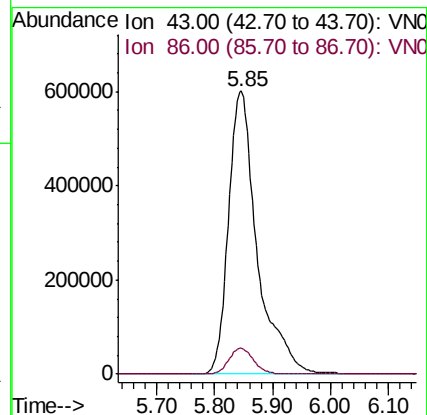
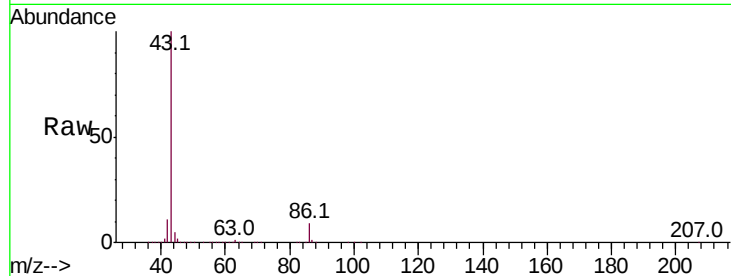
VSTDCCC050

Tot Ion: 43 Resp: 2065256

Ion Ratio Lower Upper

43 100

86 9.2 7.1 10.7



#24

1,1-Dichloroethane

Concen: 47.877 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

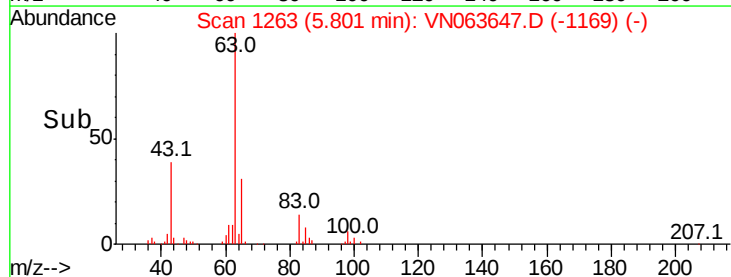
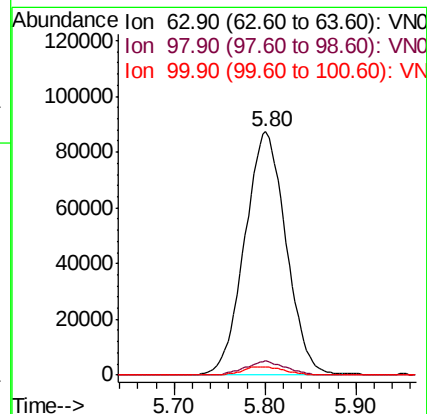
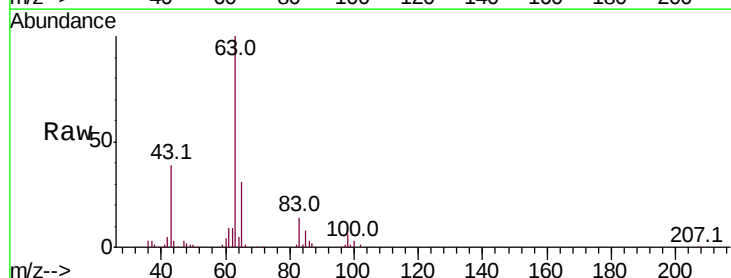
Tgt Ion: 63 Resp: 275400

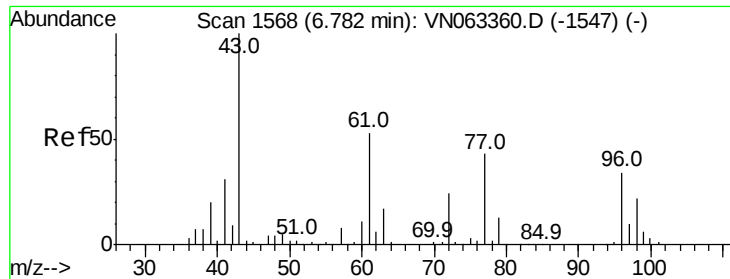
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.4 2.1 6.3

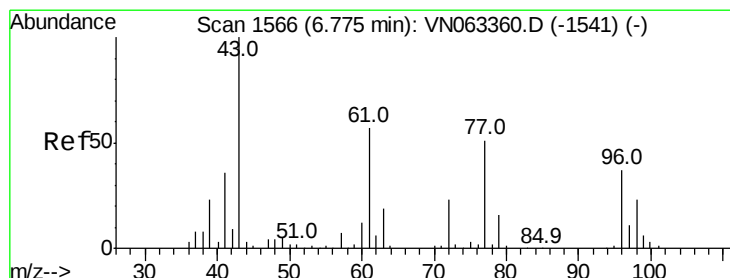
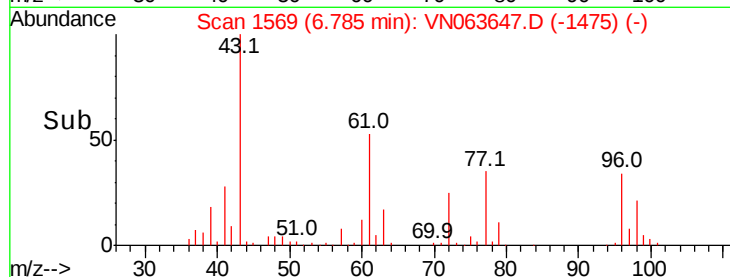
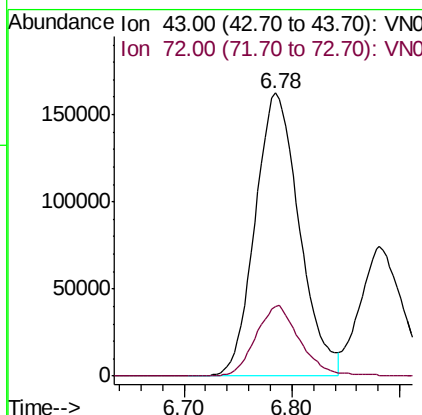
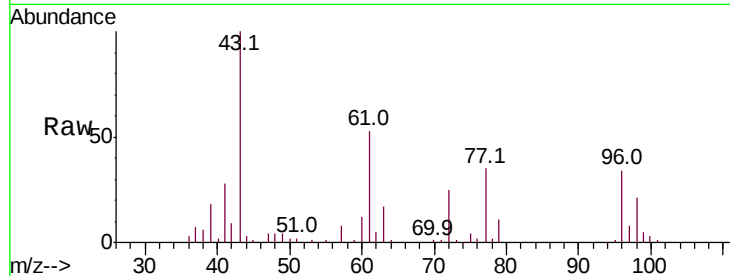




#25
2-Butanone
Concen: 236.754 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

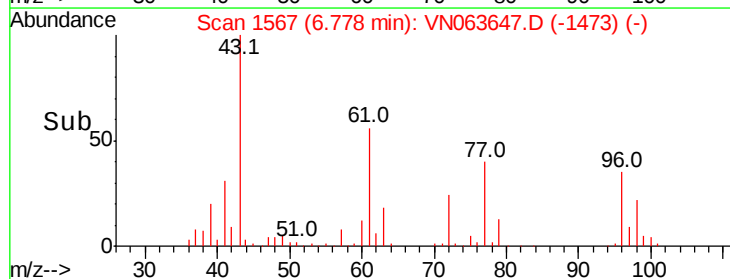
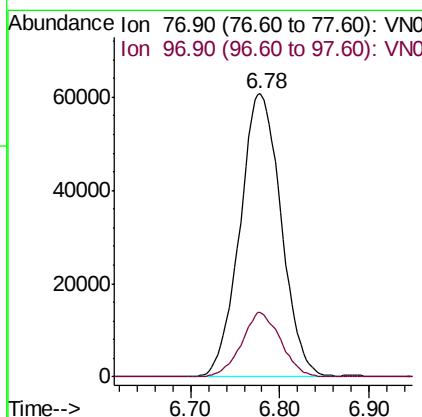
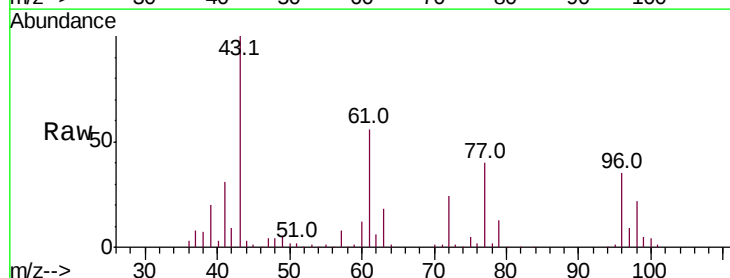
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

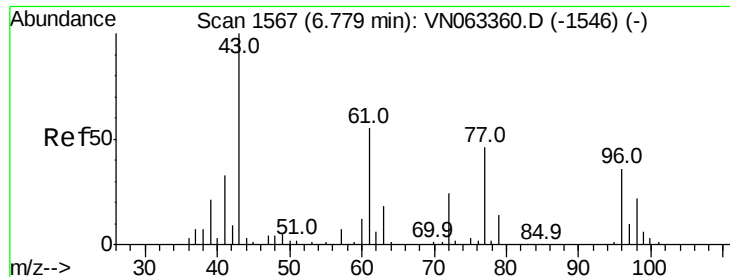
Tot Ion: 43 Resp: 461031
Ion Ratio Lower Upper
43 100
72 24.6 19.2 28.8



#26
2,2-Dichloropropane
Concen: 38.477 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 77 Resp: 194867
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.759 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

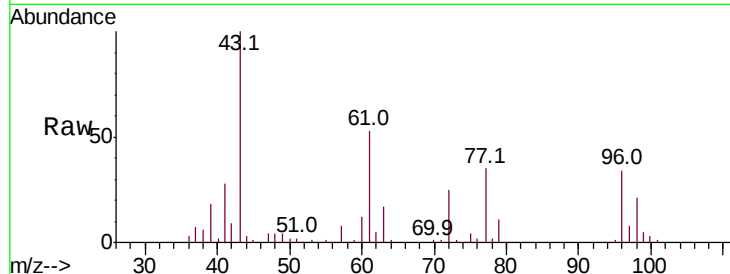
Tot Ion: 96 Resp: 159695

Ion Ratio Lower Upper

96 100

61 158.6 0.0 319.6

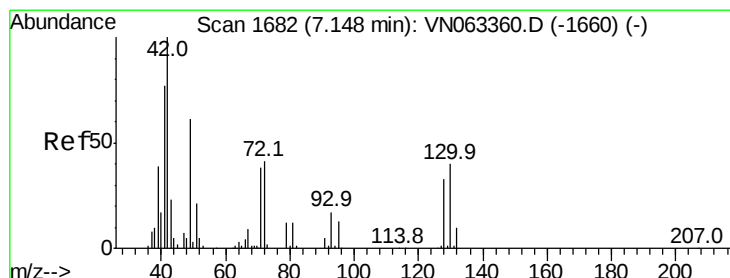
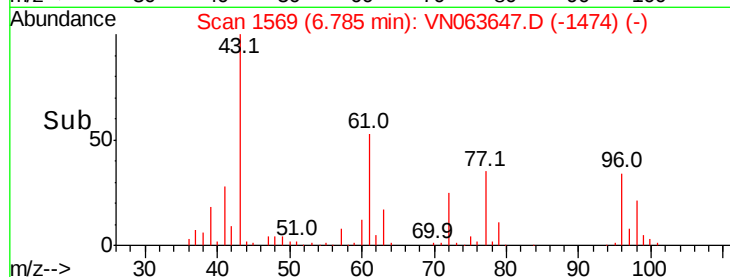
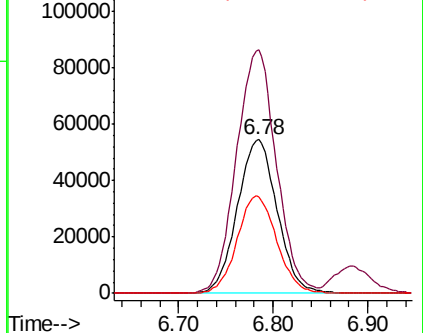
98 62.8 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1546) (-)



#28

Bromochloromethane

Concen: 53.269 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

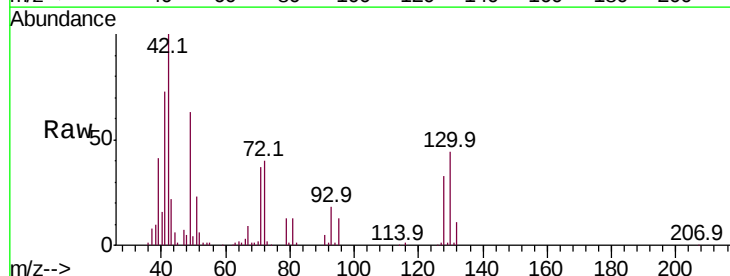
Tgt Ion: 49 Resp: 141480

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

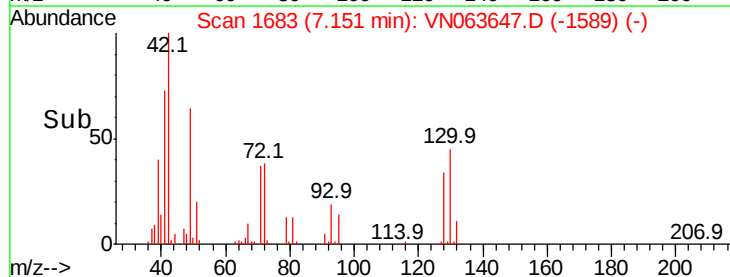
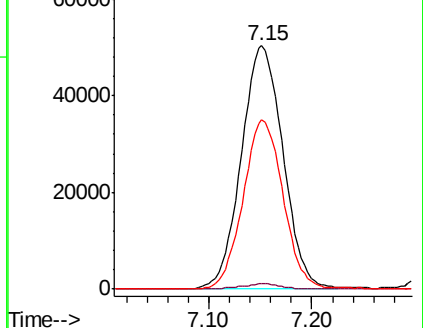
130 66.6 52.2 78.2

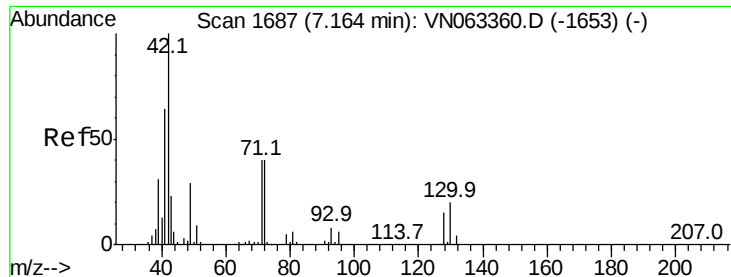


Abundance Ion 48.90 (48.60 to 49.60): VN063360.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063360.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063360.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 237.207 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

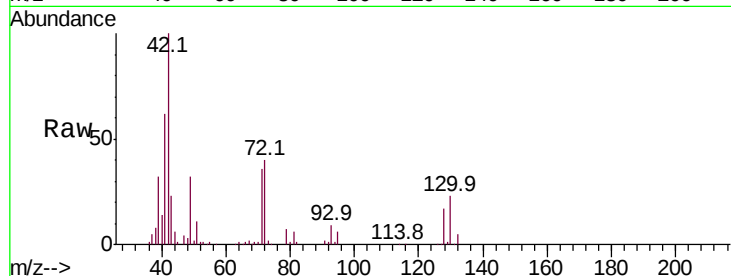
Tot Ion: 42 Resp: 315477

Ion Ratio Lower Upper

42 100

72 39.8 32.1 48.1

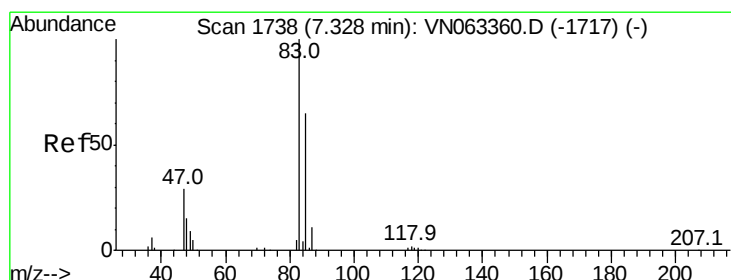
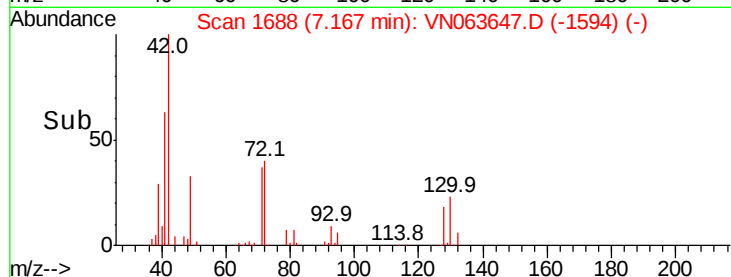
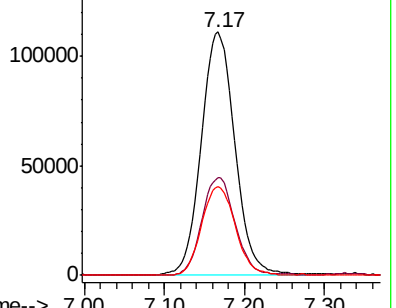
71 36.8 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN063360.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN063360.D (-1653) (-)



#30

Chloroform

Concen: 50.413 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063647.D

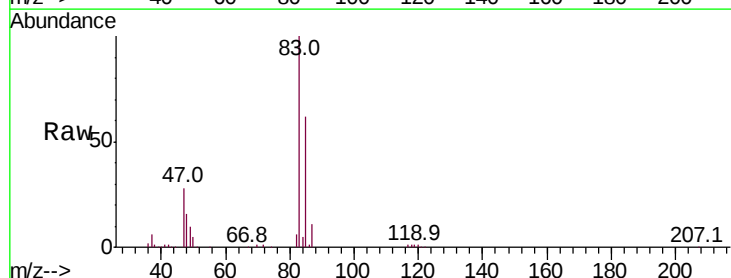
Acq: 24 Sep 2020 23:03

Tgt Ion: 83 Resp: 290940

Ion Ratio Lower Upper

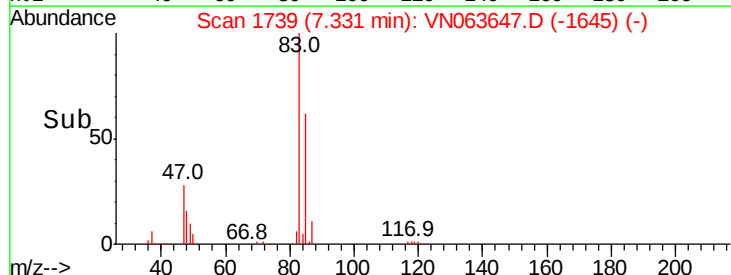
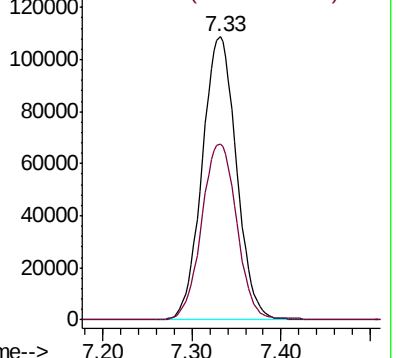
83 100

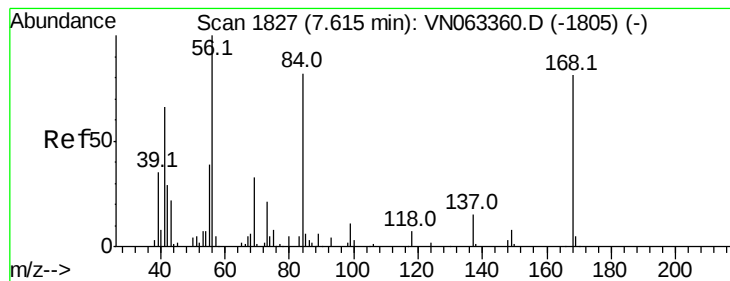
85 62.1 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-1717) (-)





#31

Cyclohexane

Concen: 41.142 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

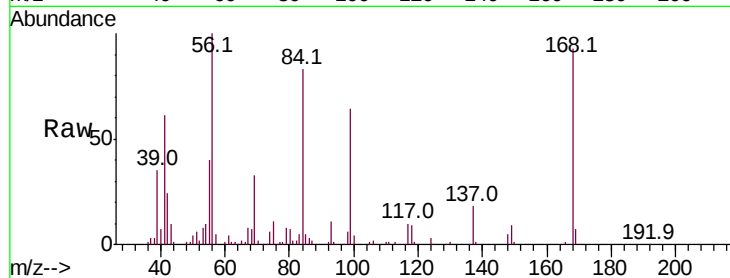
Tot Ion: 56 Resp: 223858

Ion Ratio Lower Upper

56 100

69 33.0 26.1 39.1

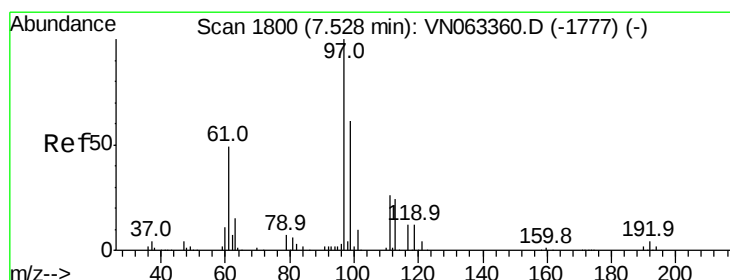
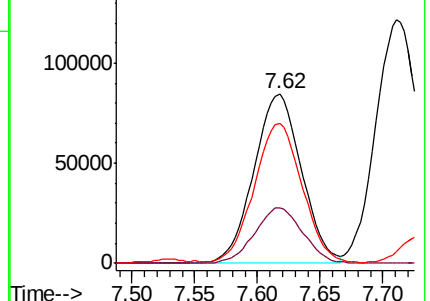
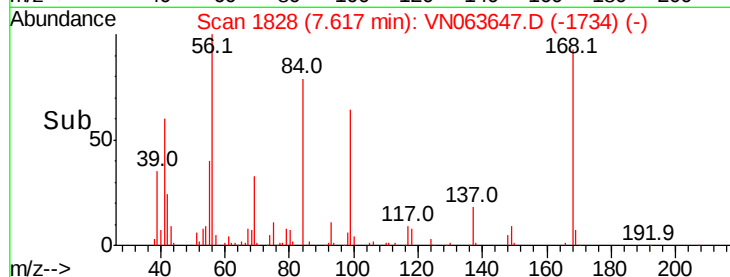
84 81.5 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063360.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 49.507 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

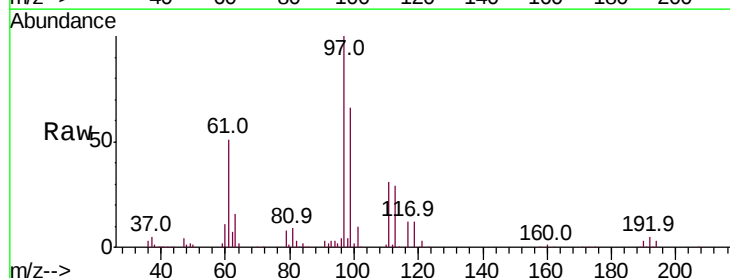
Tgt Ion: 97 Resp: 254120

Ion Ratio Lower Upper

97 100

99 65.1 50.6 76.0

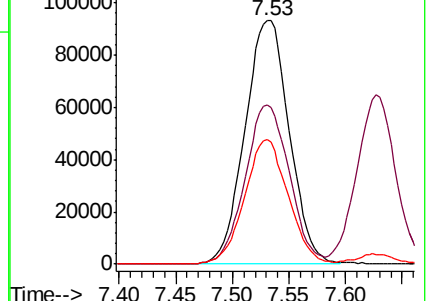
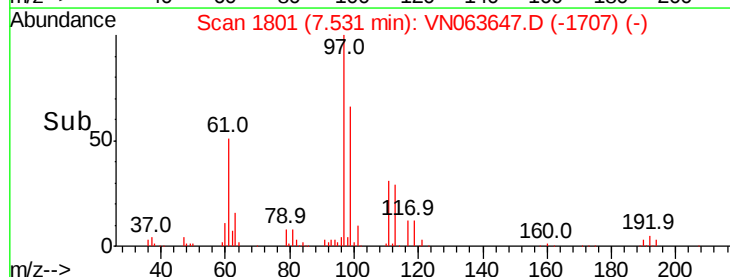
61 50.1 39.2 58.8

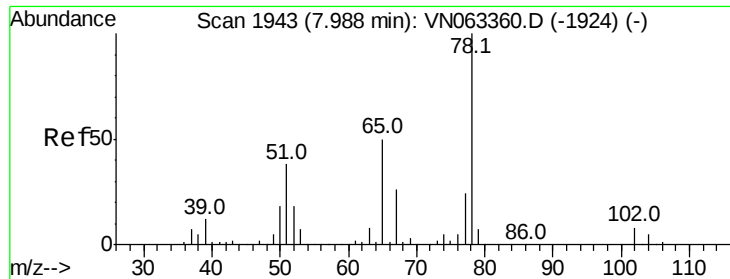


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1777) (-)

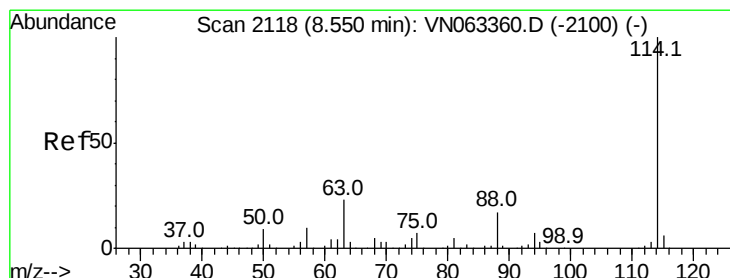
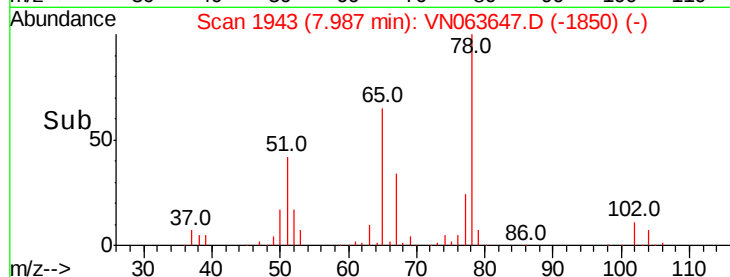
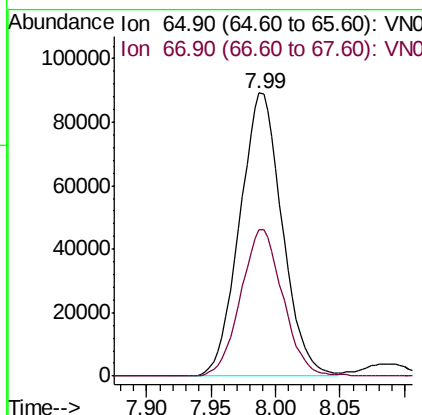
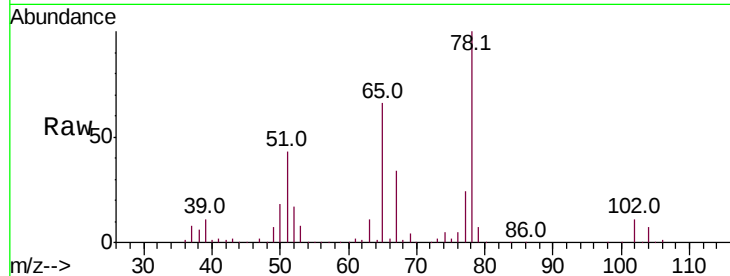




#33
 1,2-Dichloroethane-d4
 Concen: 52.028 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

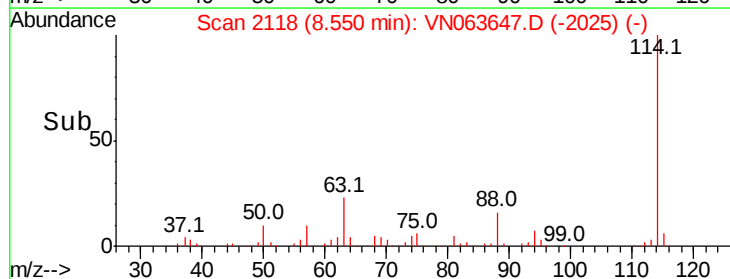
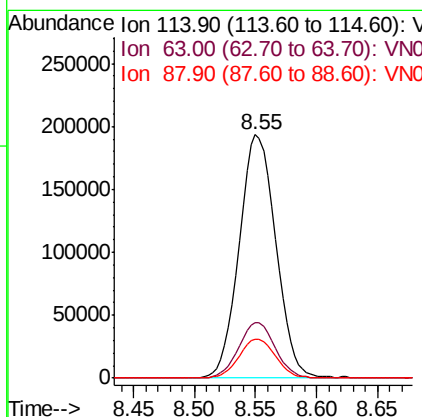
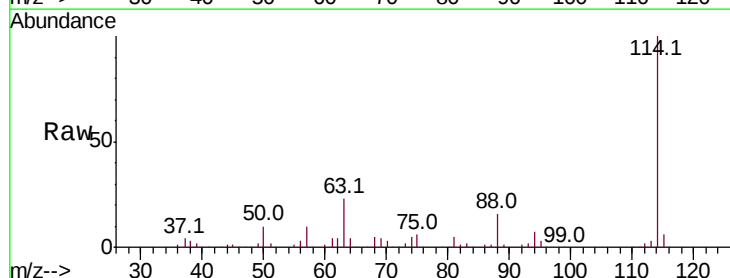
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

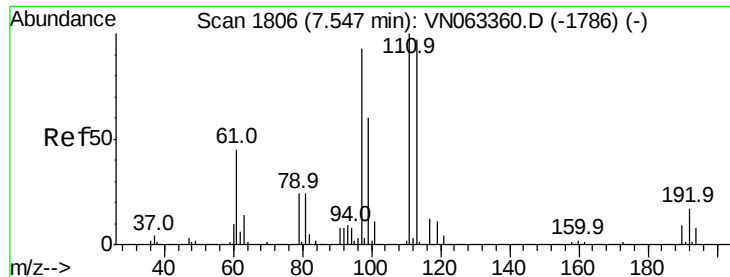
Tot Ion: 65 Resp: 204974
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 114 Resp: 401326
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.092 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

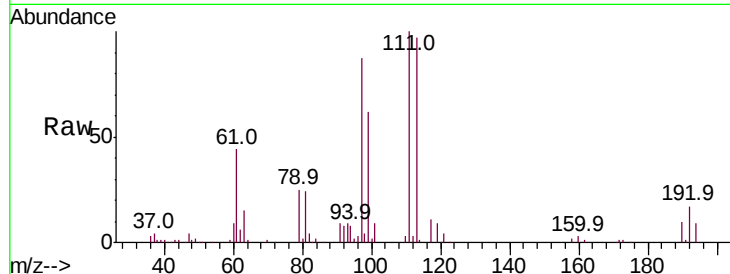
Tot Ion:113 Resp: 141949

Ion Ratio Lower Upper

113 100

111 104.2 82.9 124.3

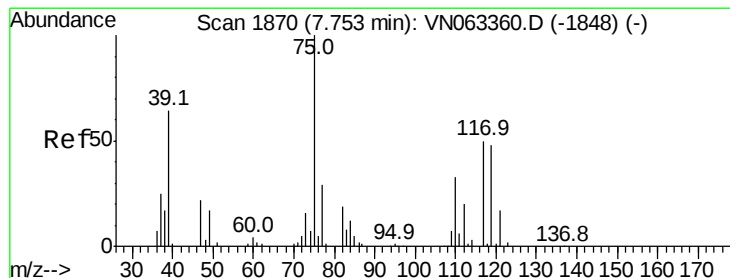
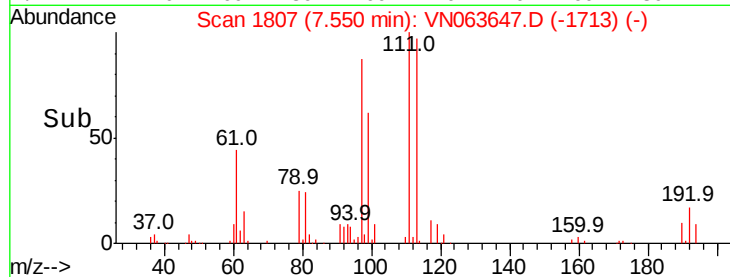
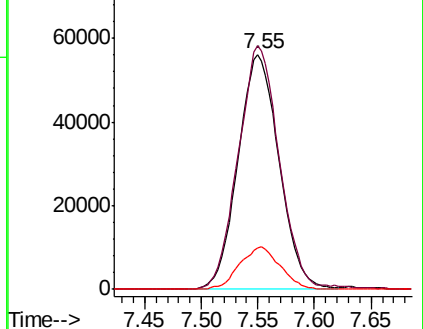
192 17.7 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.568 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

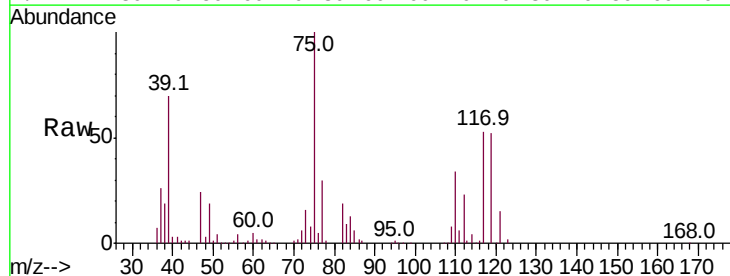
Tgt Ion: 75 Resp: 203380

Ion Ratio Lower Upper

75 100

110 33.4 16.5 49.5

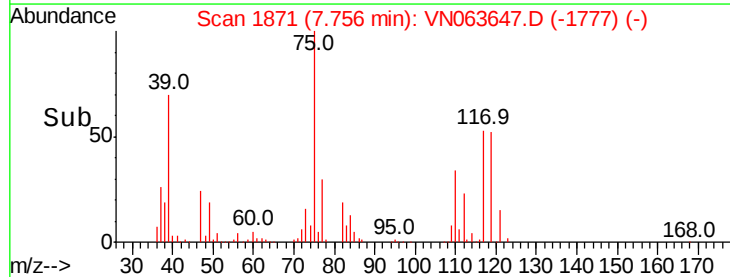
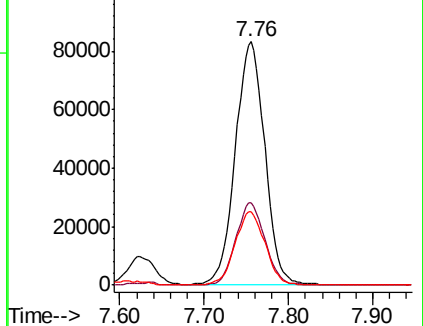
77 30.8 24.6 36.8

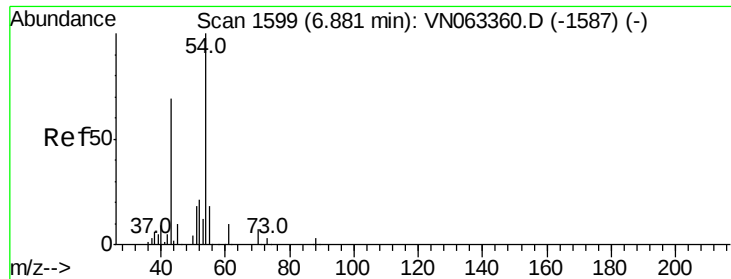


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

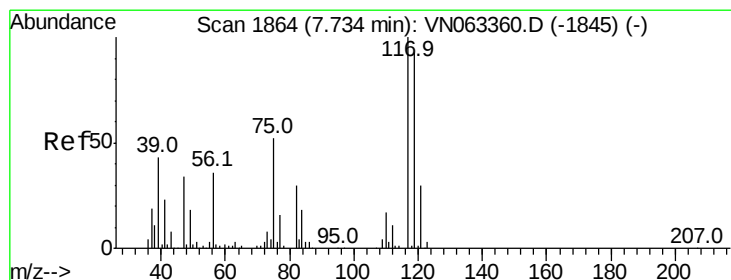
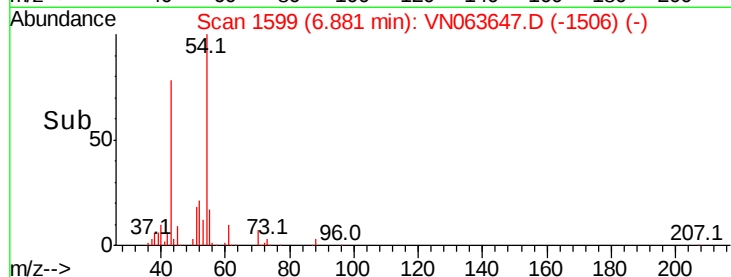
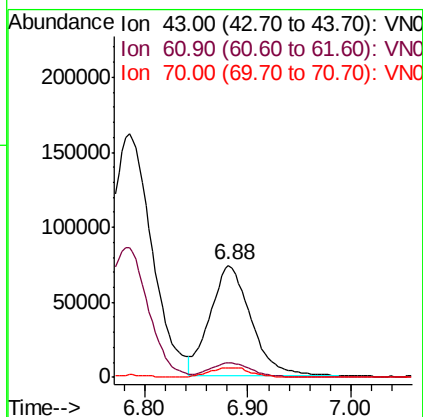
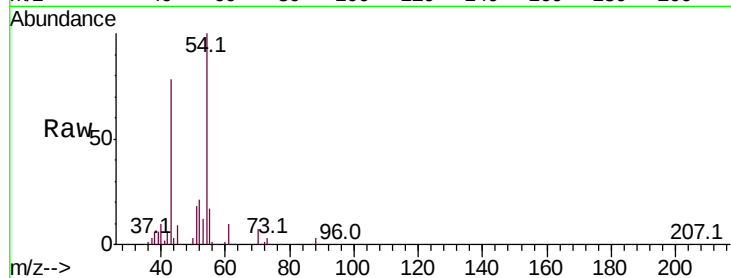




#37
Ethyl Acetate
Concen: 48.405 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

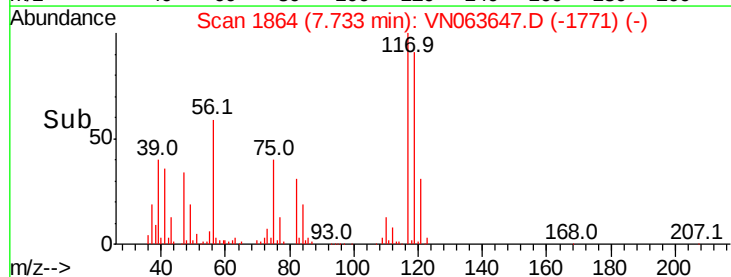
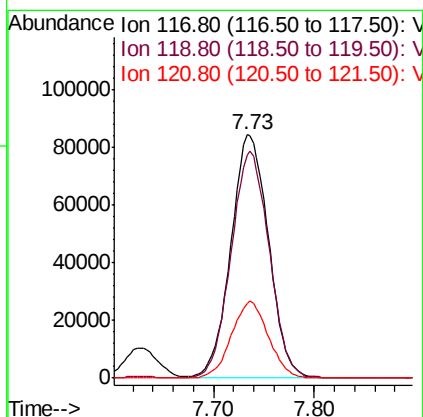
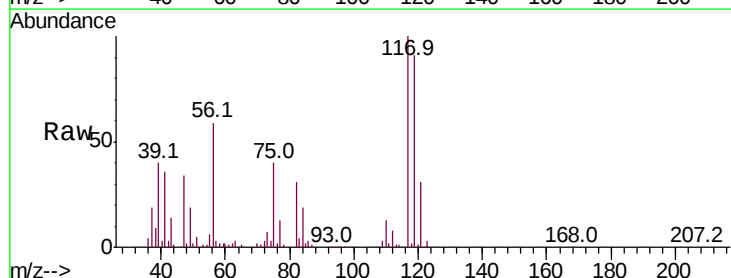
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

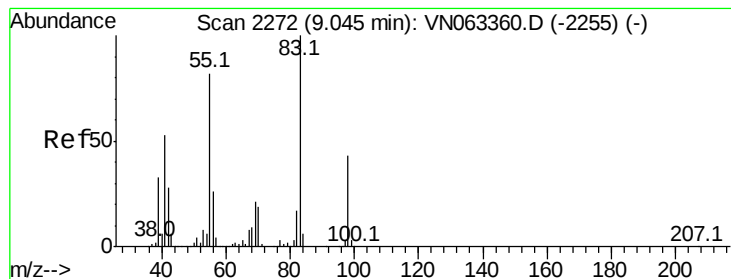
Tot Ion: 43 Resp: 203122
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 4.9 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 49.842 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 117 Resp: 217534
Ion Ratio Lower Upper
117 100
119 91.4 74.5 111.7
121 30.7 24.1 36.1





#39

Methvlcvclohexane

Concen: 43.225 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

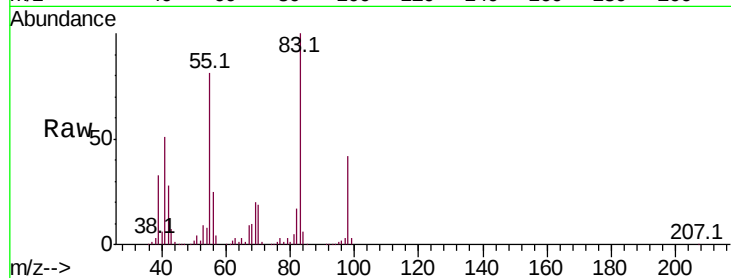
Tot Ion: 83 Resp: 200578

Ion Ratio Lower Upper

83 100

55 81.2 65.5 98.3

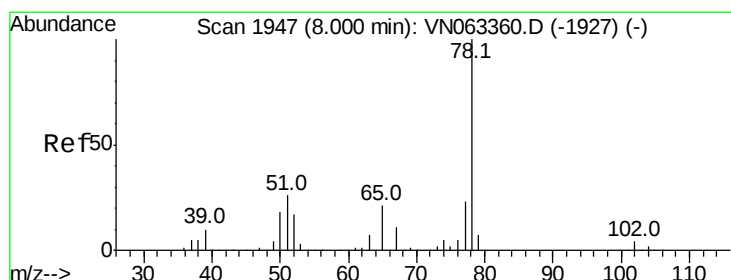
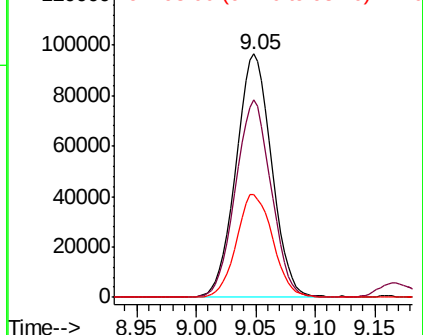
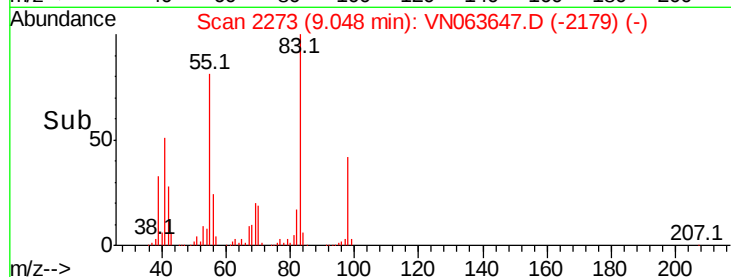
98 42.3 34.2 51.4



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



#40

Benzene

Concen: 49.314 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063647.D

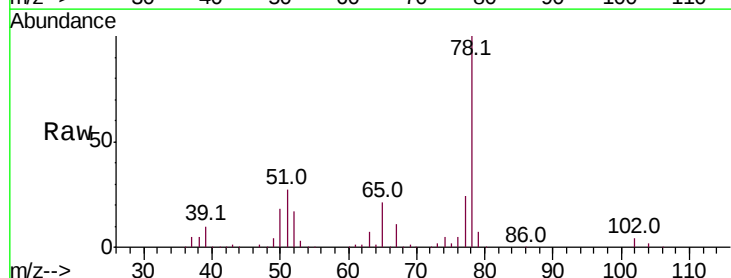
Acq: 24 Sep 2020 23:03

Tgt Ion: 78 Resp: 601885

Ion Ratio Lower Upper

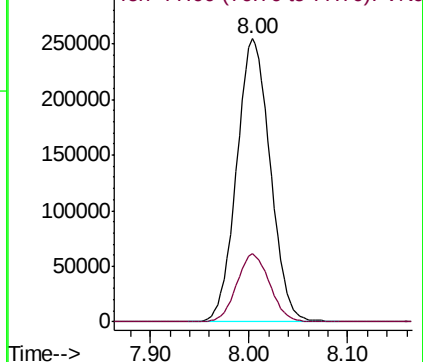
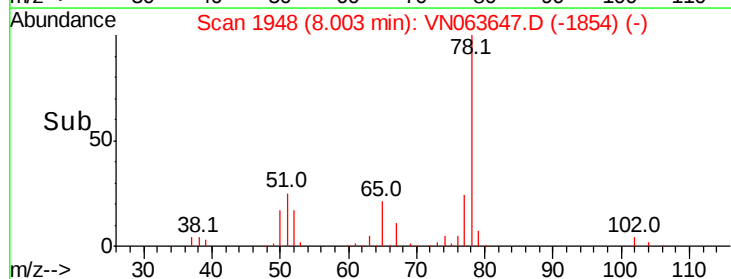
78 100

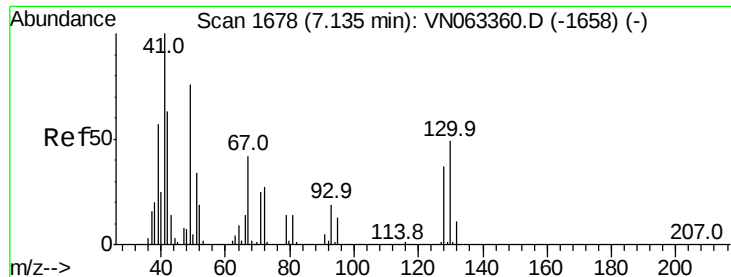
77 24.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

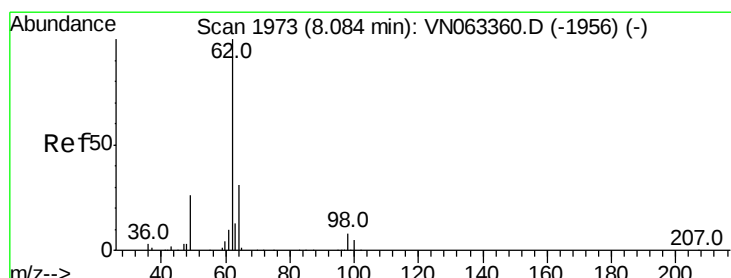
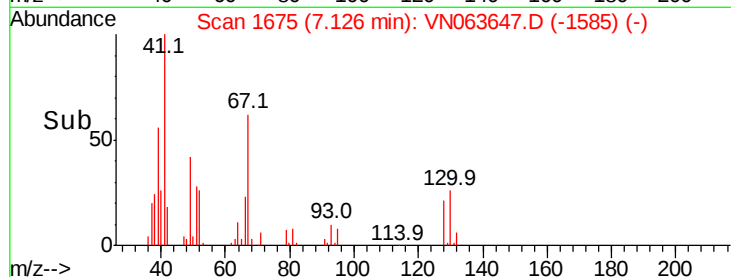
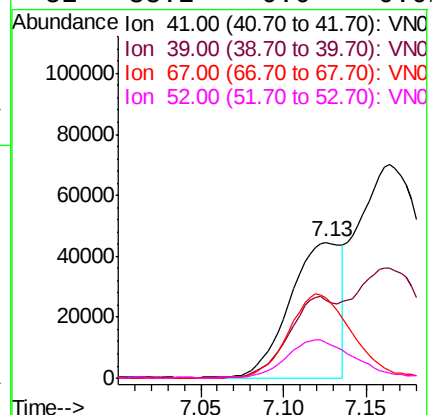
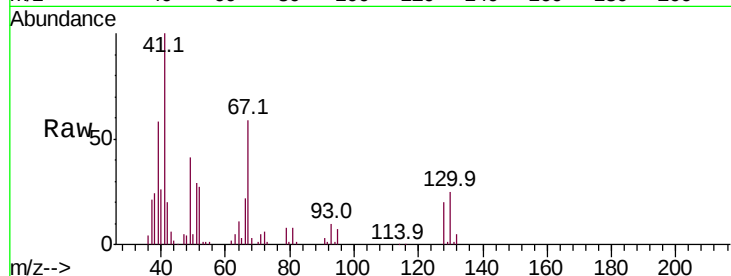




#41
Methacrylonitrile
Concen: 51.468 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

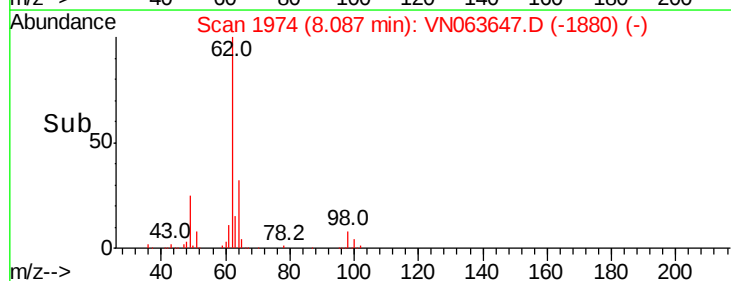
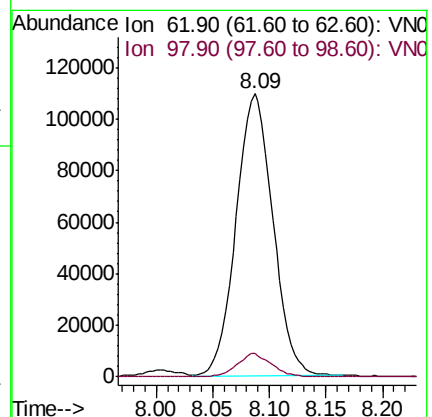
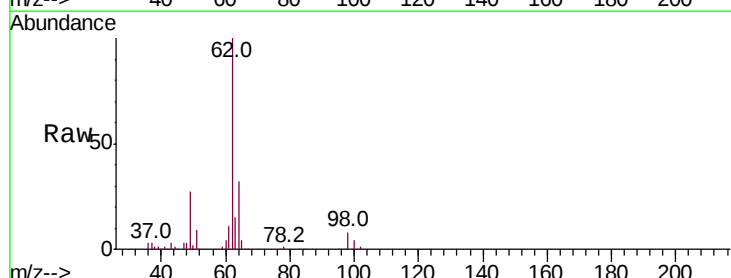
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

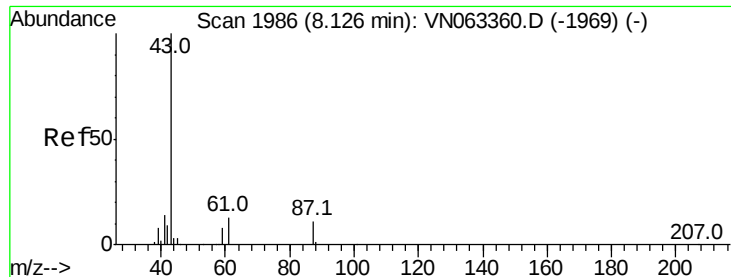
Tot Ion: 41 Resp: 97138
Ion Ratio Lower Upper
41 100
39 52.9 0.0 0.0#
67 76.5 0.0 0.0#
52 38.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.618 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 62 Resp: 248447
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 45.588 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

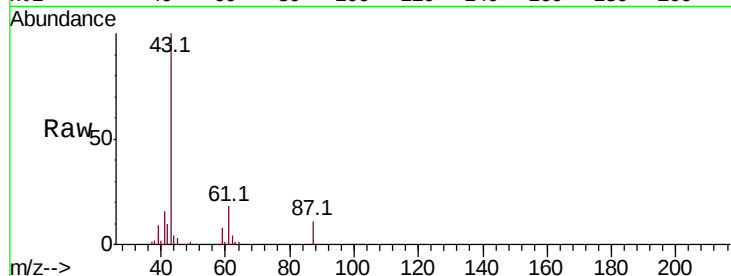
Tot Ion: 43 Resp: 342065

Ion Ratio Lower Upper

43 100

61 17.4 14.2 21.2

87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)

8.13

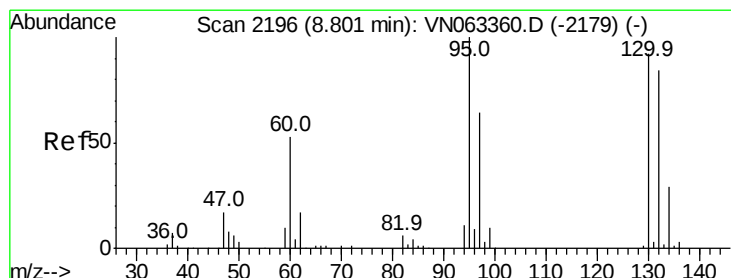
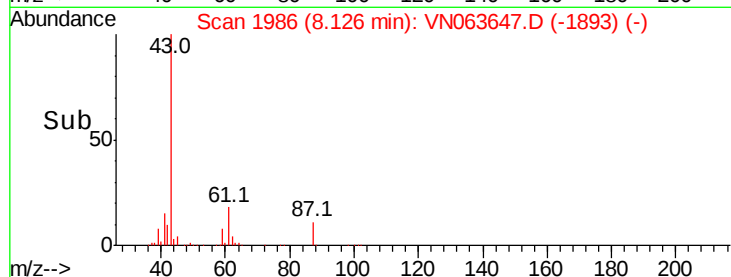
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 48.910 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063647.D

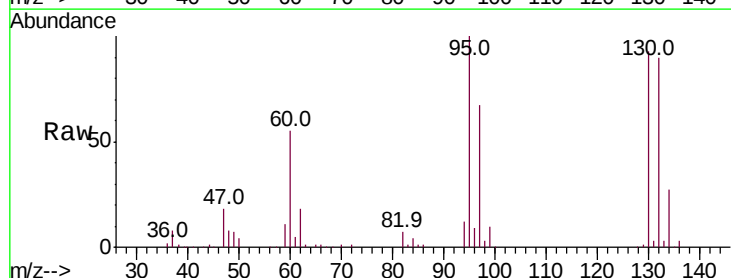
Acq: 24 Sep 2020 23:03

Tgt Ion:130 Resp: 144788

Ion Ratio Lower Upper

130 100

95 107.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

80000

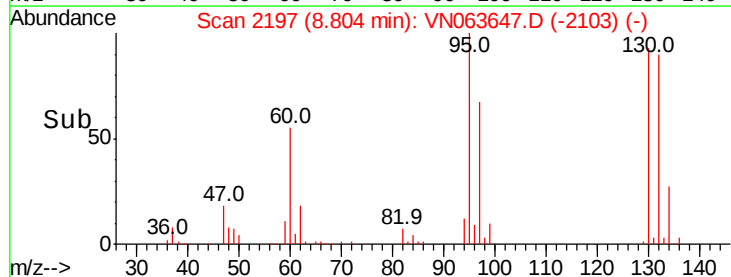
60000

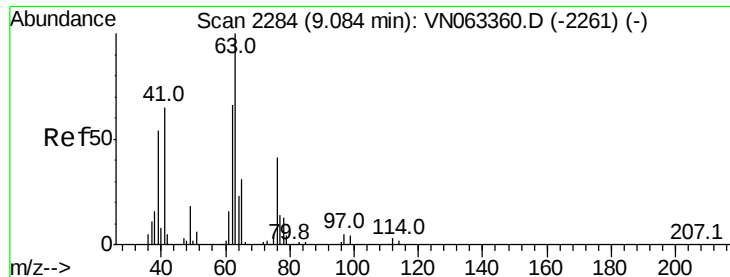
40000

20000

0

Time-->





#45

1,2-Dichloropropane

Concen: 49.221 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

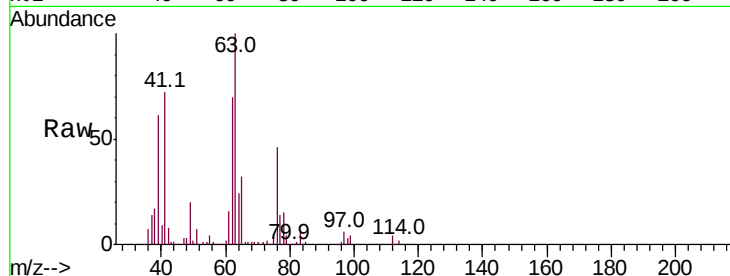
VSTDCCC050

Tot Ion: 63 Resp: 163620

Ion Ratio Lower Upper

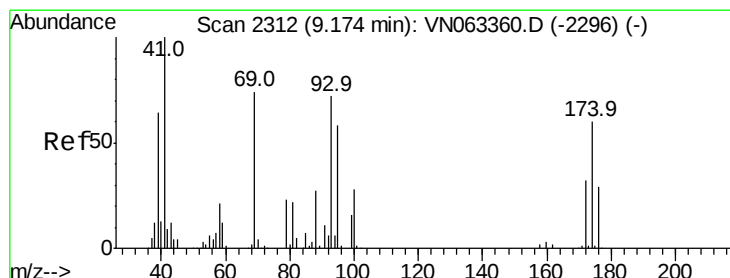
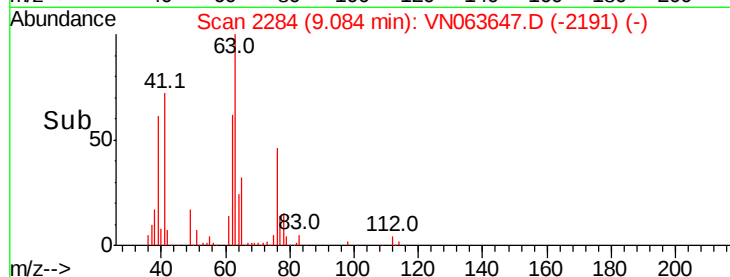
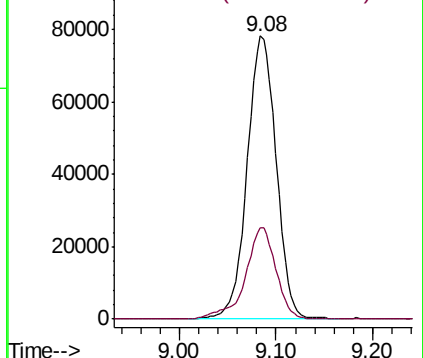
63 100

65 32.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 50.763 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

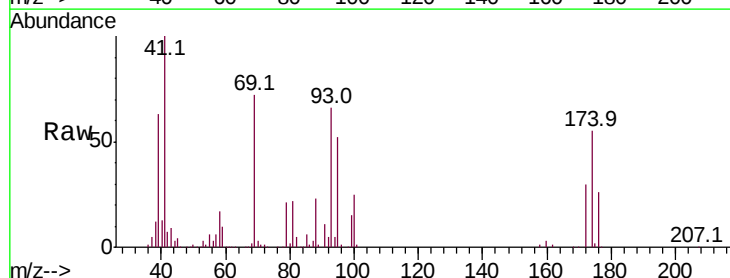
Tgt Ion: 93 Resp: 110908

Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

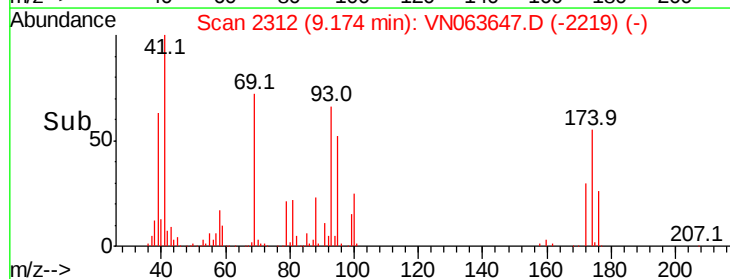
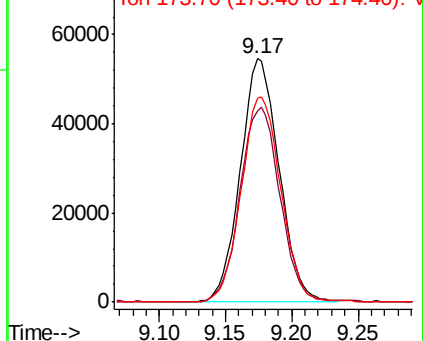
174 86.0 68.1 102.1

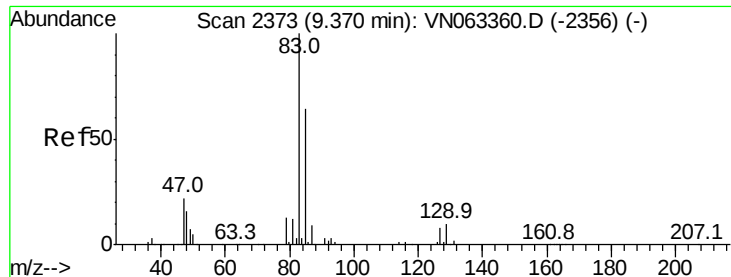


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 51.696 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

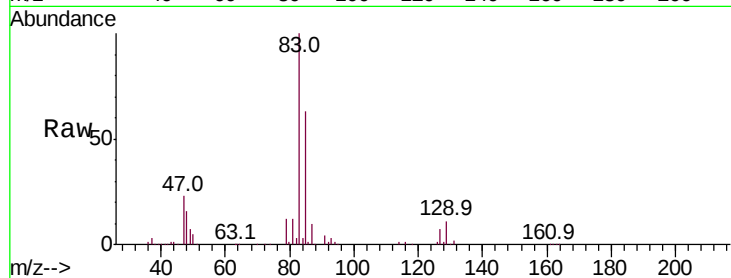
Tot Ion: 83 Resp: 234643

Ion Ratio Lower Upper

83 100

85 63.0 51.0 76.6

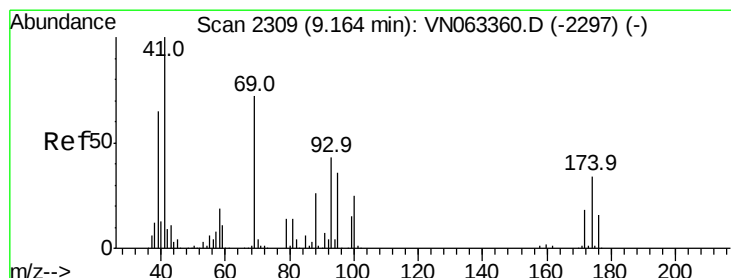
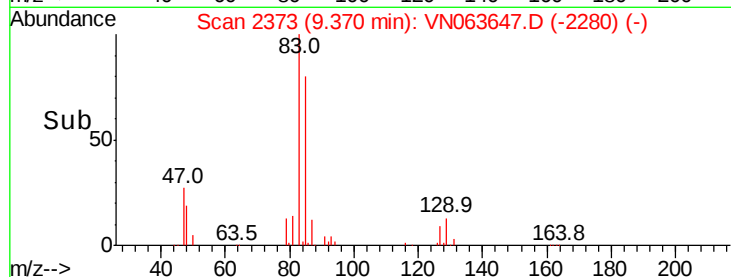
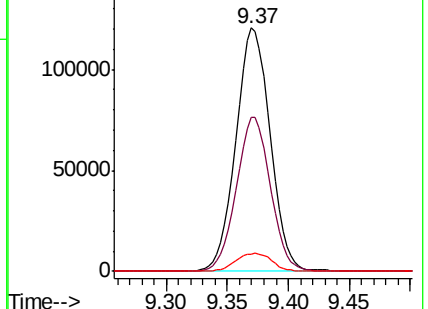
127 7.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2356) (-)



#48

Methyl methacrylate

Concen: 48.526 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

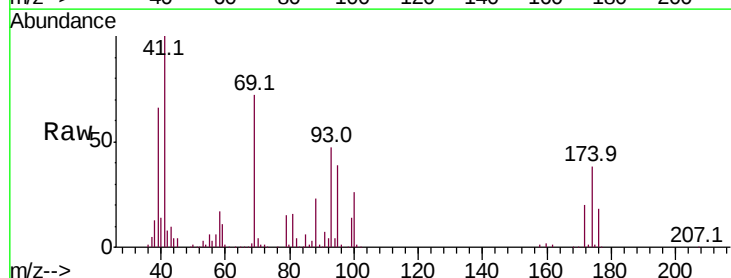
Tgt Ion: 41 Resp: 178890

Ion Ratio Lower Upper

41 100

69 73.4 59.3 88.9

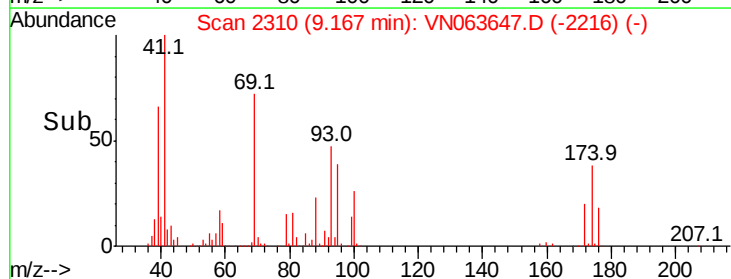
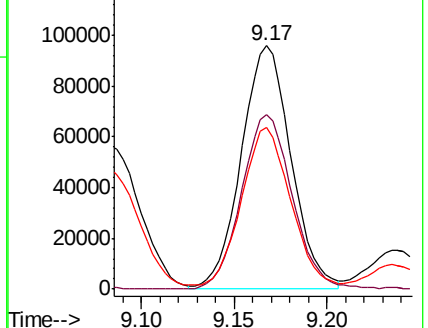
39 66.6 52.9 79.3

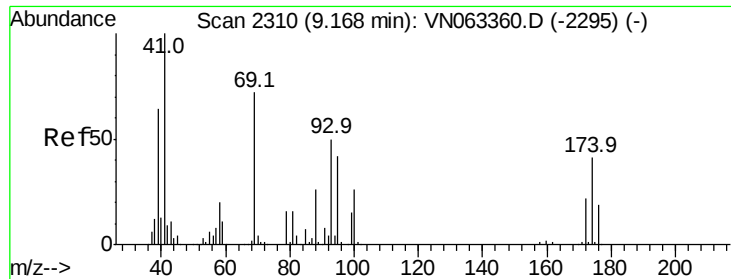


Abundance Ion 41.00 (40.70 to 41.70): VN063360.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063360.D (-2297) (-)





#49

1,4-Dioxane

Concen: 849.726 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

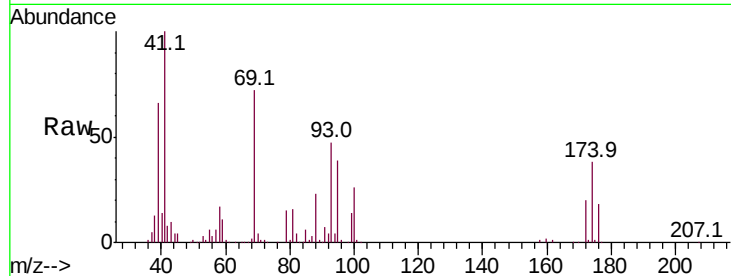
Tot Ion: 88 Resp: 44953

Ion Ratio Lower Upper

88 100

43 38.9 32.6 49.0

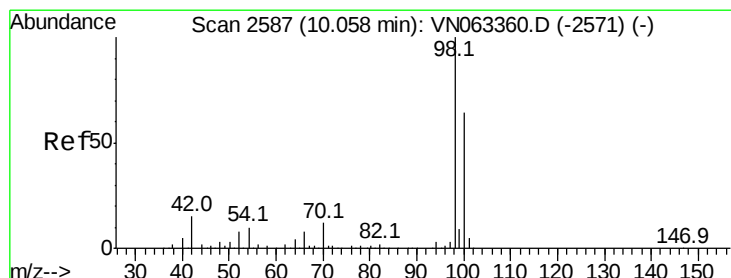
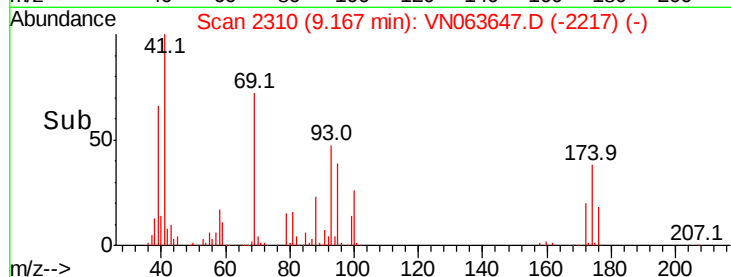
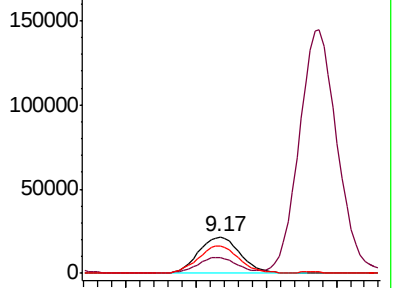
58 73.1 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 51.912 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063647.D

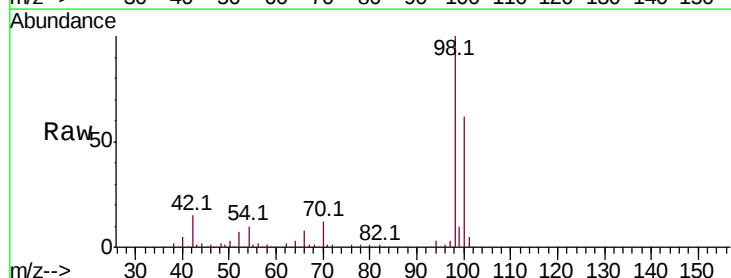
Acq: 24 Sep 2020 23:03

Tgt Ion: 98 Resp: 542322

Ion Ratio Lower Upper

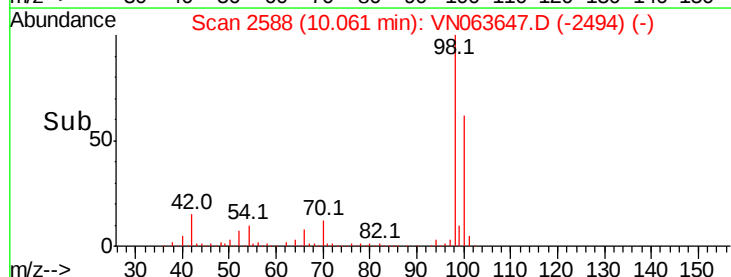
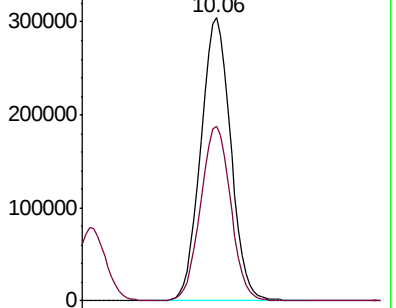
98 100

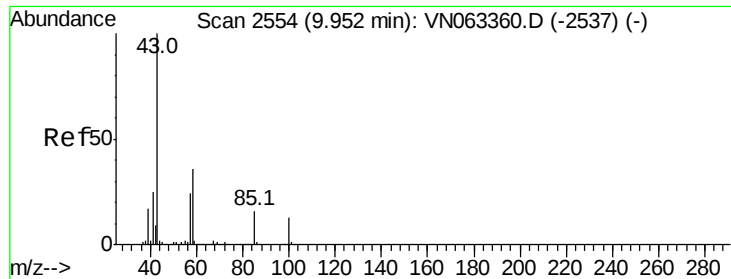
100 61.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 250.978 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

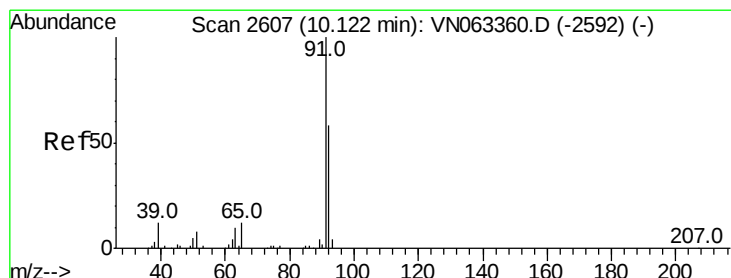
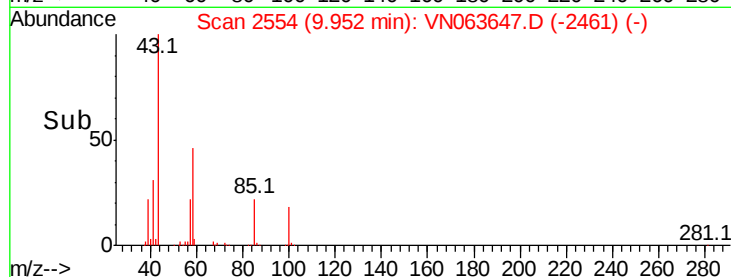
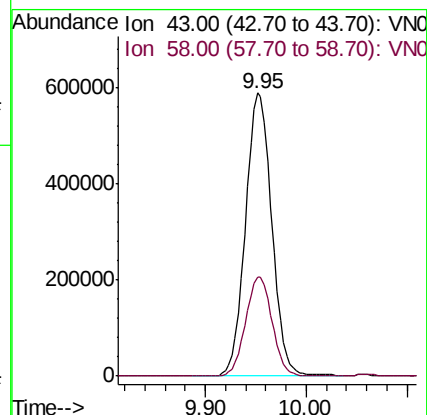
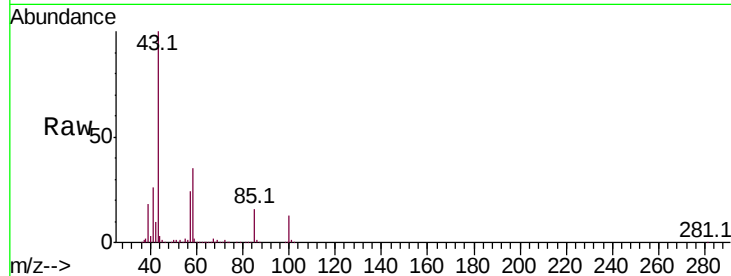
VSTDCCC050

Tot Ion: 43 Resp: 1054271

Ion Ratio Lower Upper

43 100

58 35.5 29.0 43.6



#52

Toluene

Concen: 51.061 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063647.D

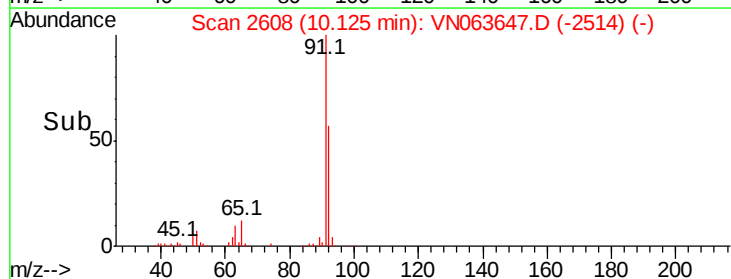
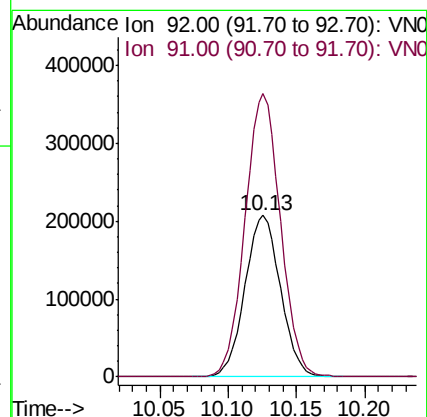
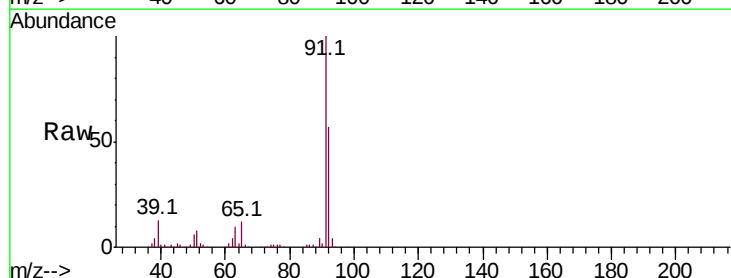
Acq: 24 Sep 2020 23:03

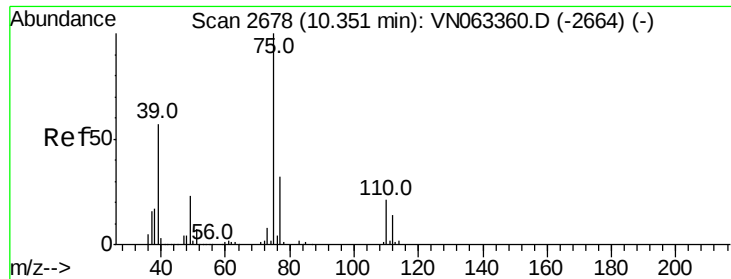
Tgt Ion: 92 Resp: 374697

Ion Ratio Lower Upper

92 100

91 175.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 47.026 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

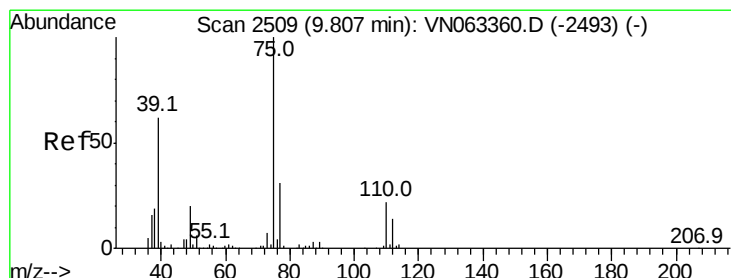
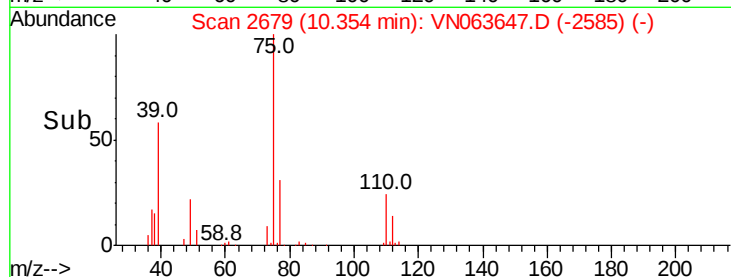
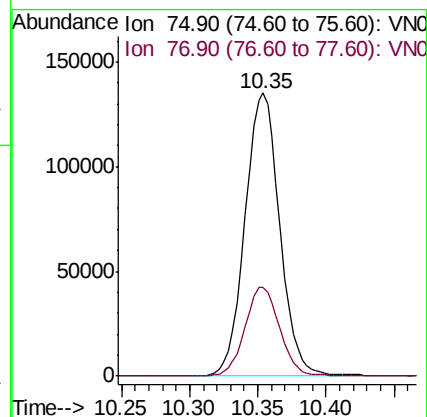
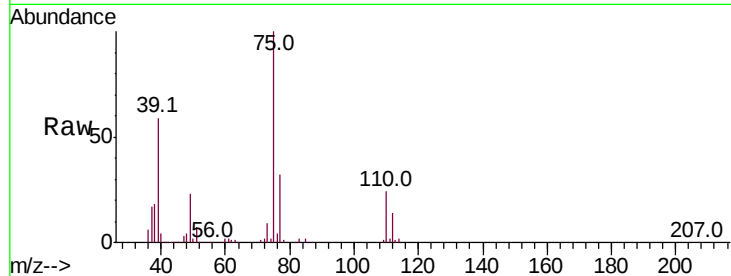
VSTDCCC050

Tot Ion: 75 Resp: 238292

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.729 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

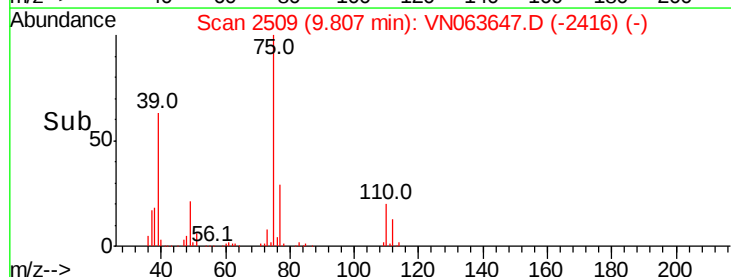
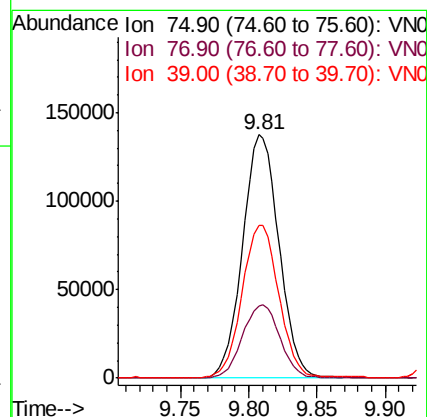
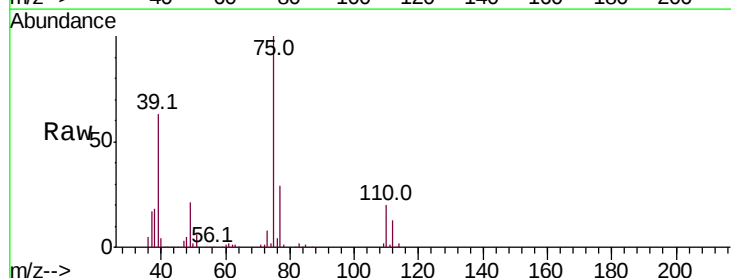
Tgt Ion: 75 Resp: 255104

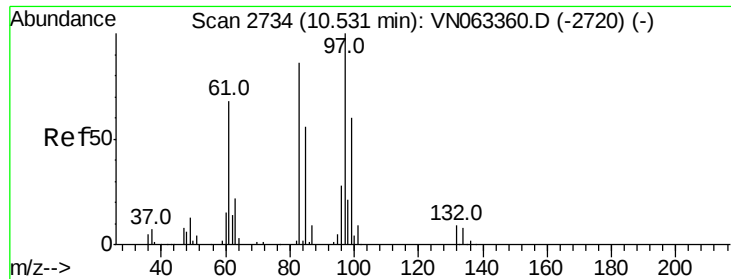
Ion Ratio Lower Upper

75 100

77 29.5 24.6 37.0

39 62.6 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 51.920 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 151335

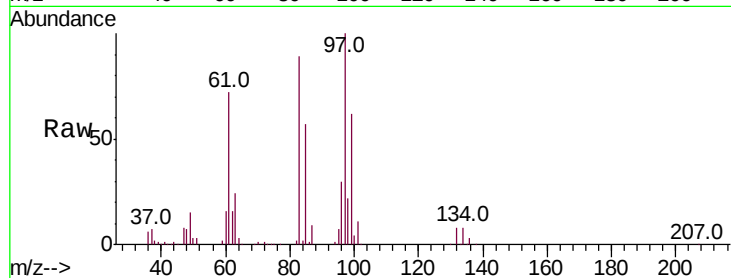
Ion Ratio Lower Upper

97 100

83 89.2 68.9 103.3

85 57.3 44.8 67.2

99 61.6 47.8 71.8

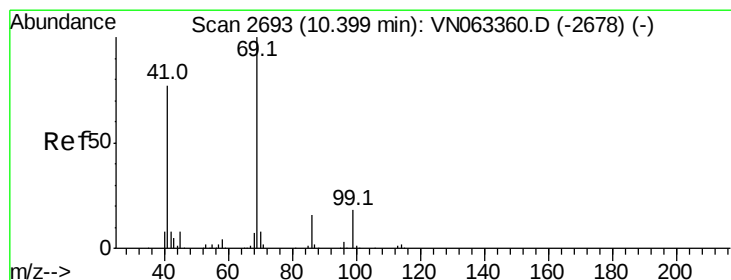
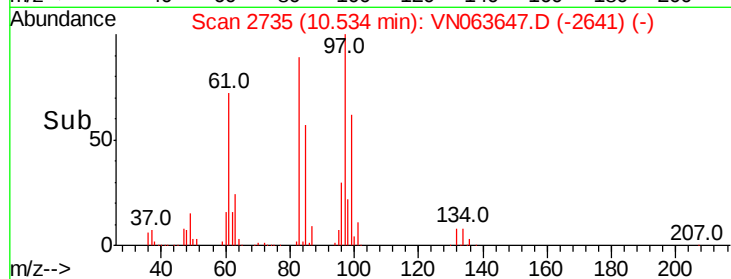
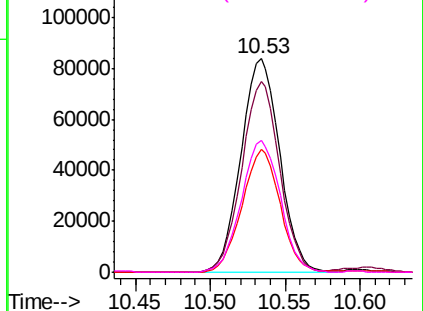


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.831 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

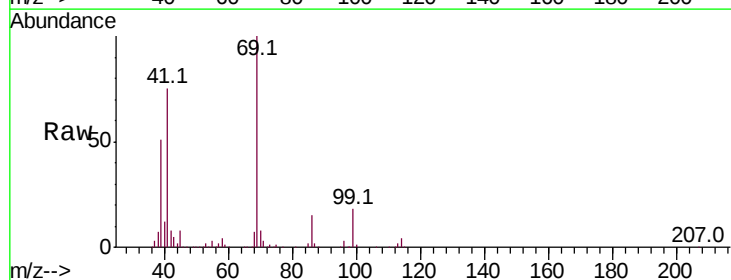
Tgt Ion: 69 Resp: 222195

Ion Ratio Lower Upper

69 100

41 75.9 61.0 91.6

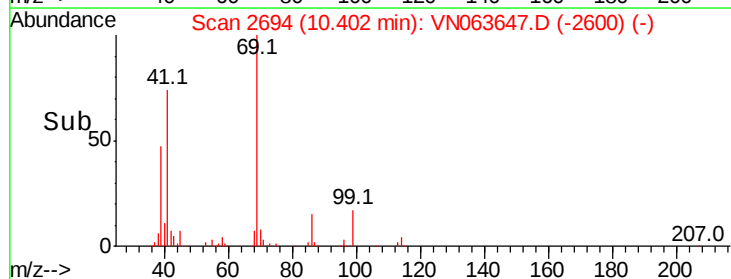
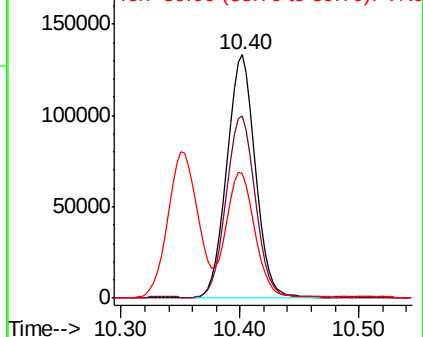
39 52.1 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 49.963 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

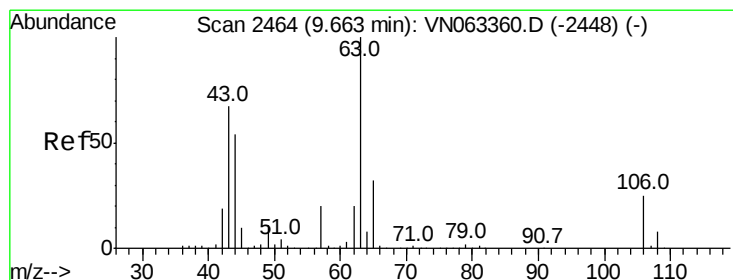
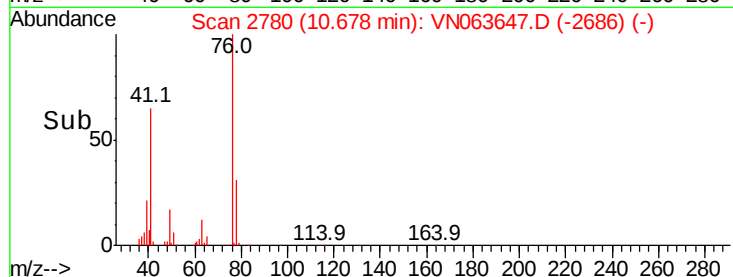
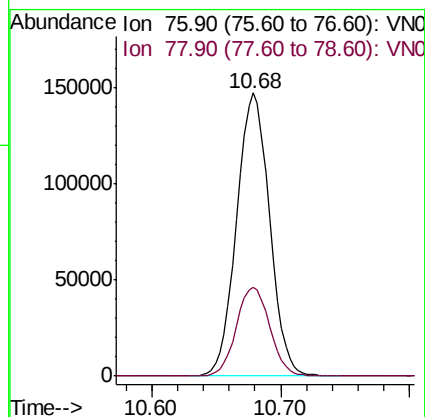
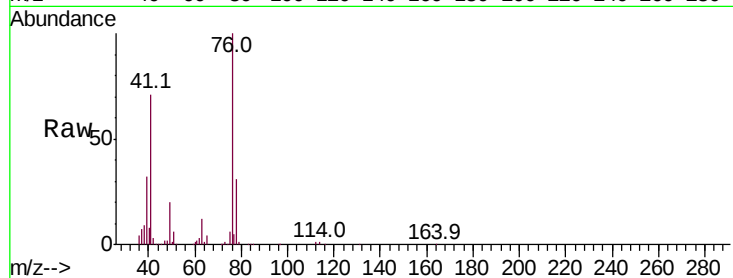
VSTDCCC050

Tot Ion: 76 Resp: 262616

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 239.847 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063647.D

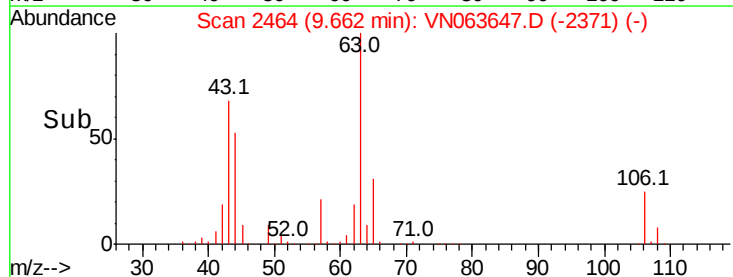
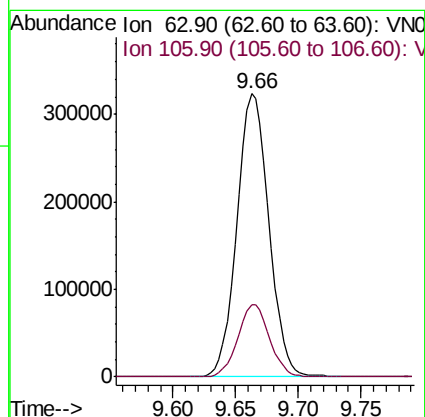
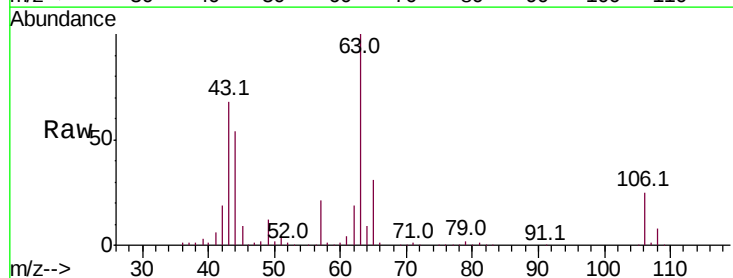
Acq: 24 Sep 2020 23:03

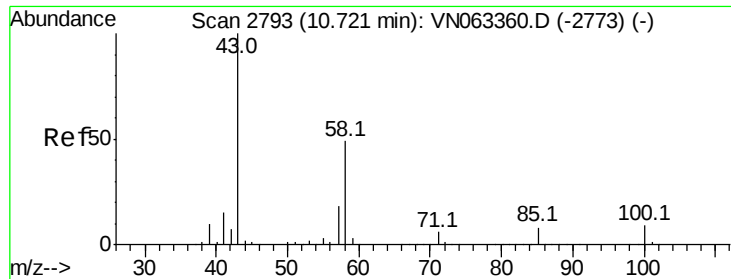
Tgt Ion: 63 Resp: 572509

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

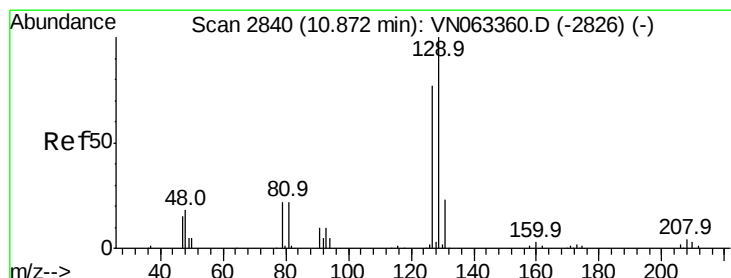
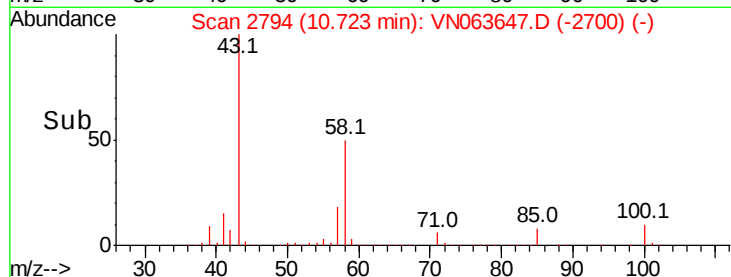
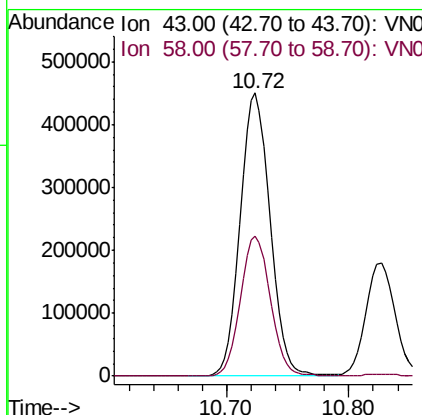
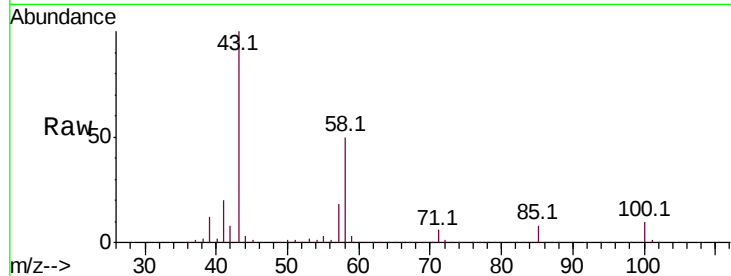




#59
2-Hexanone
Concen: 250.061 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

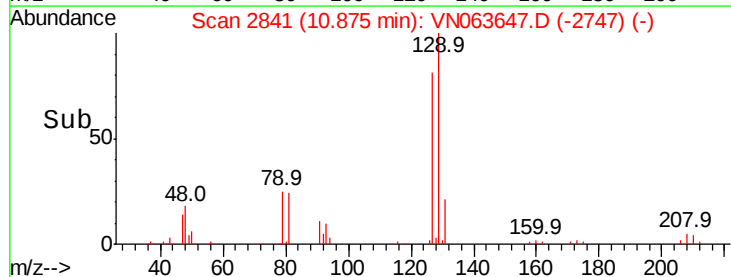
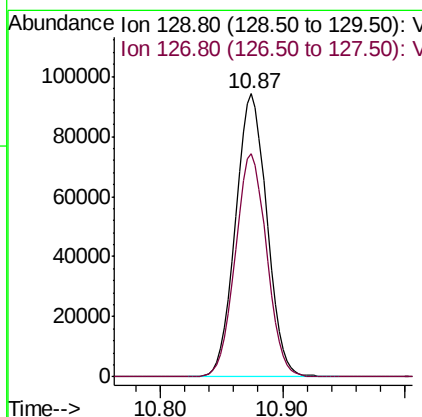
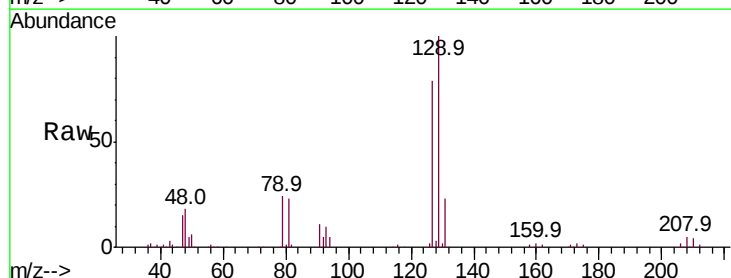
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

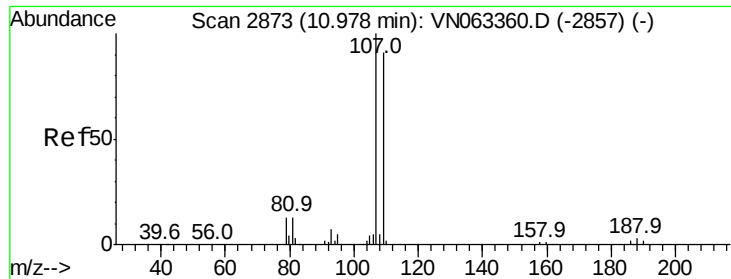
Tot Ion: 43 Resp: 761000
Ion Ratio Lower Upper
43 100
58 49.6 24.7 74.1



#60
Dibromochloromethane
Concen: 51.048 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion: 129 Resp: 168095
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3

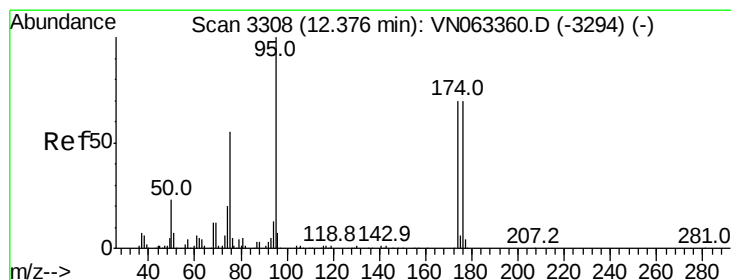
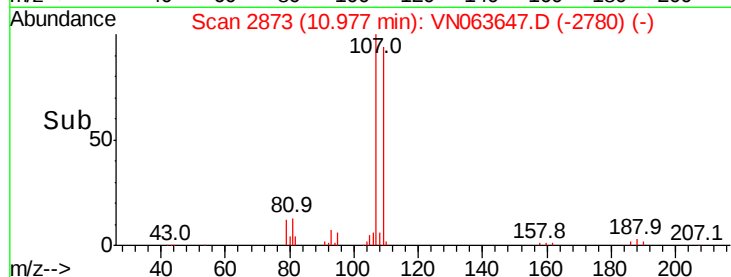
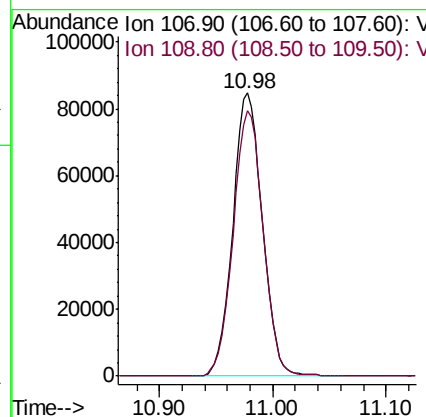
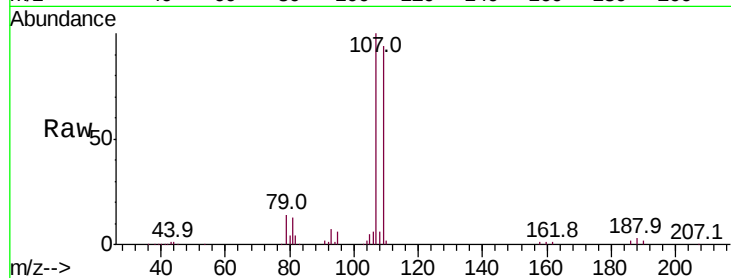




#61
 1,2-Dibromoethane
 Concen: 50.742 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

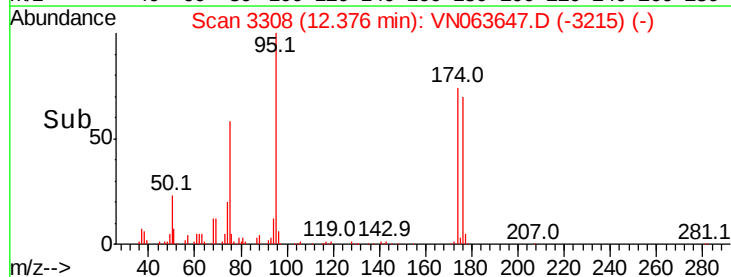
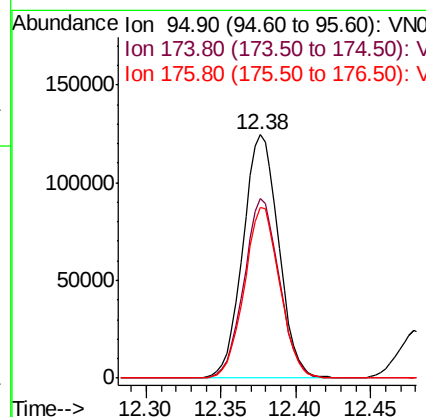
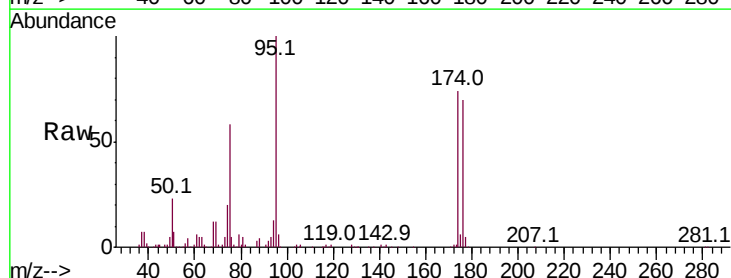
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

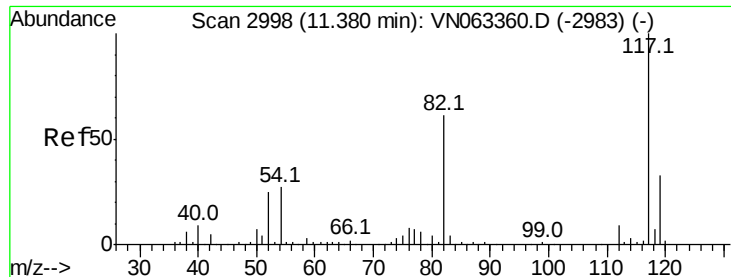
Tot Ion:107 Resp: 153658
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 53.979 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 95 Resp: 206721
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 140.8
 176 69.6 0.0 137.6

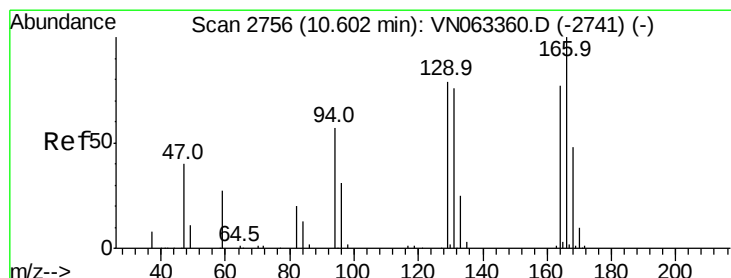
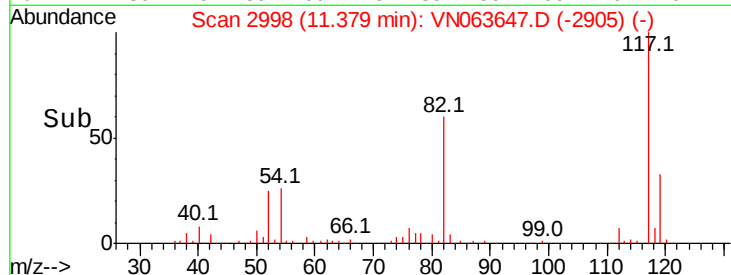
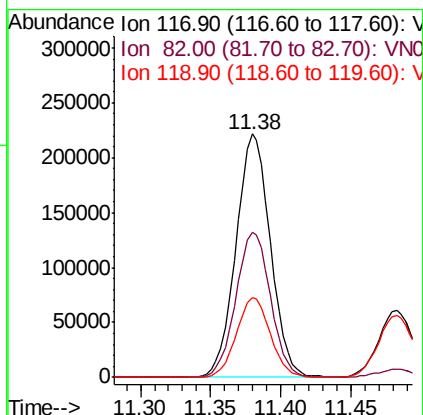
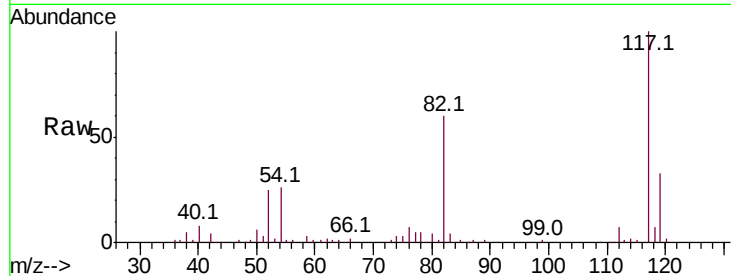




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

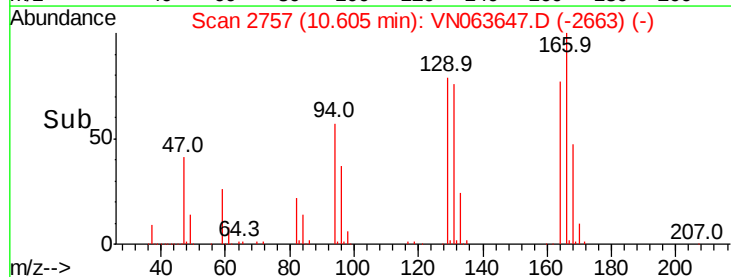
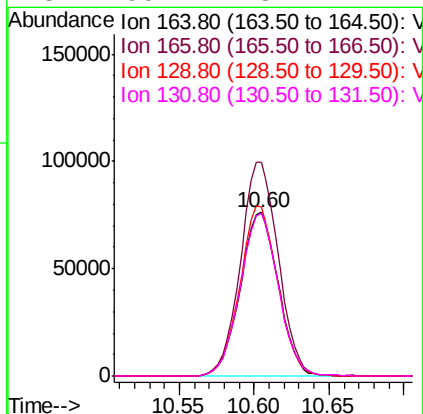
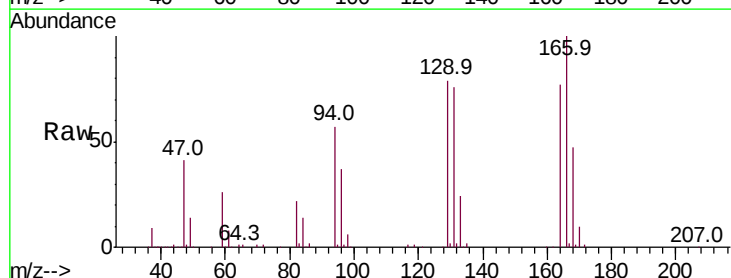
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

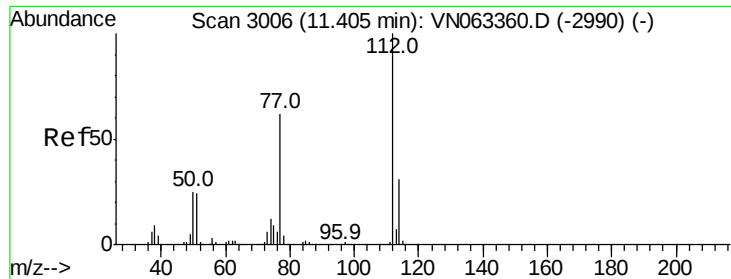
Tot Ion:117 Resp: 378921
Ion Ratio Lower Upper
117 100
82 59.6 49.2 73.8
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 52.456 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion:164 Resp: 135347
Ion Ratio Lower Upper
164 100
166 130.5 103.4 155.0
129 103.3 81.8 122.6
131 99.2 78.2 117.4

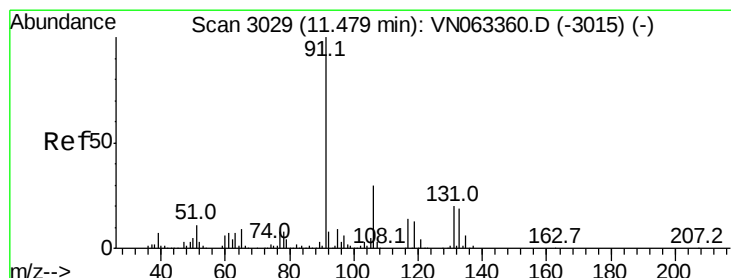
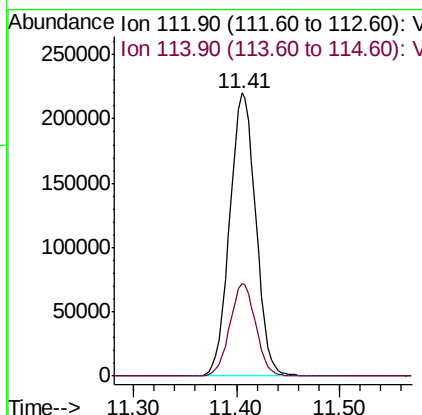
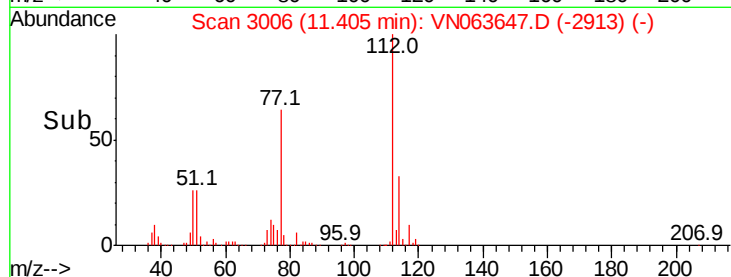
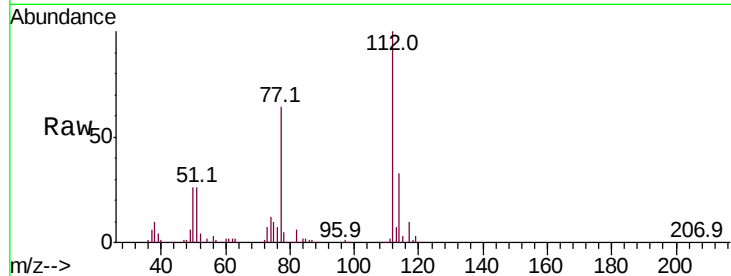




#65
Chlorobenzene
Concen: 48.324 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

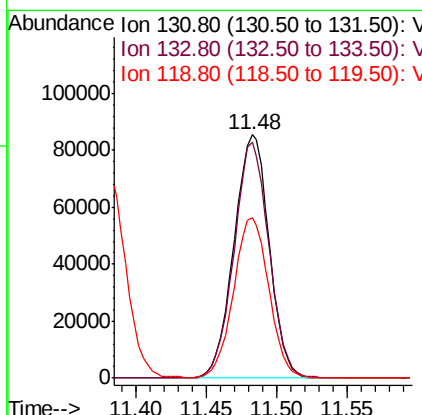
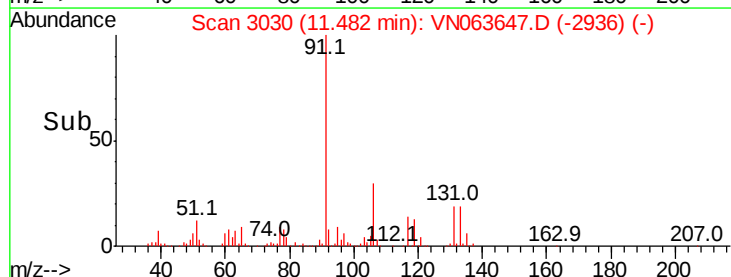
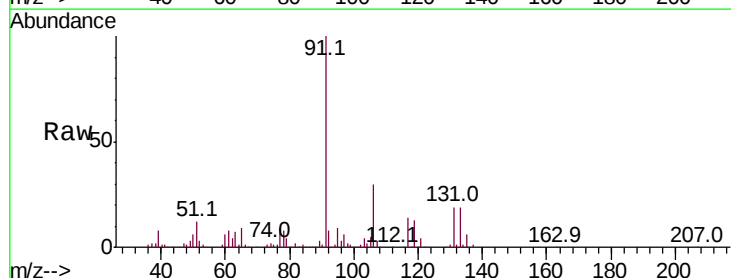
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

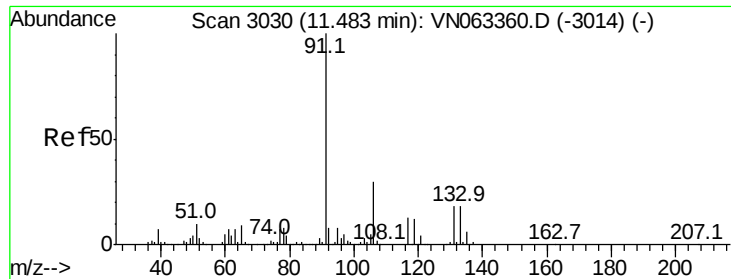
Tot Ion:112 Resp: 388694
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.725 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion:131 Resp: 149559
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 66.3 33.6 100.8





#67

Ethyl Benzene

Concen: 48.658 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

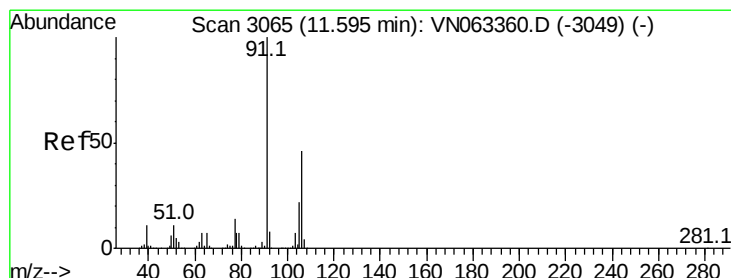
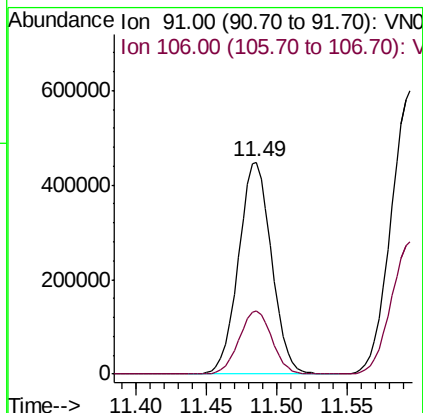
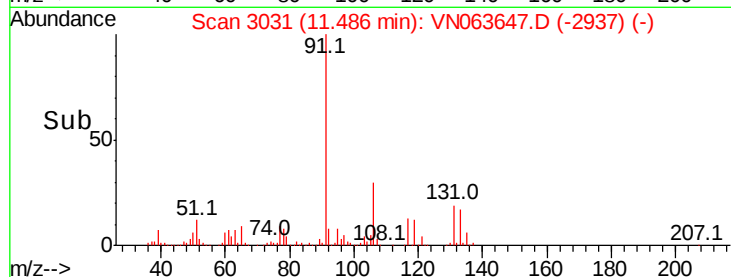
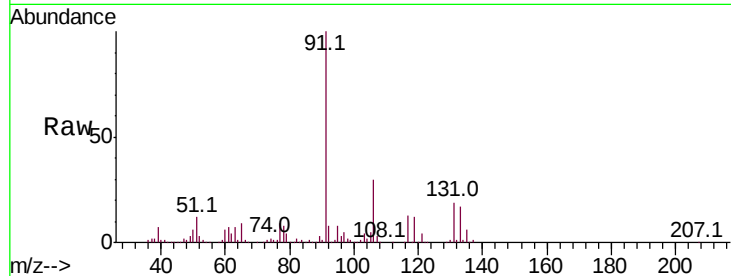
VSTDCCC050

Tot Ion: 91 Resp: 737030

Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.6



#68

m/p-Xylenes

Concen: 99.266 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063647.D

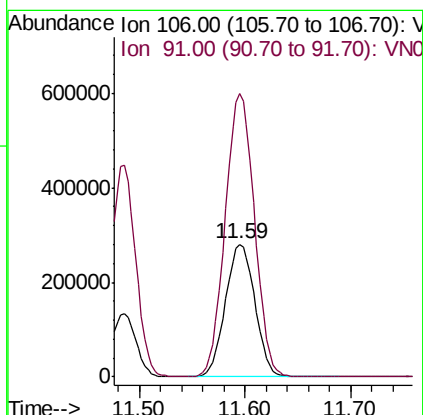
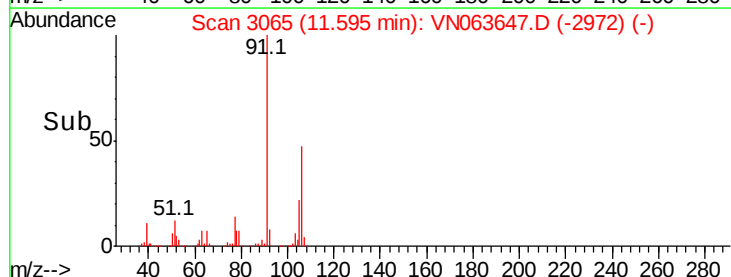
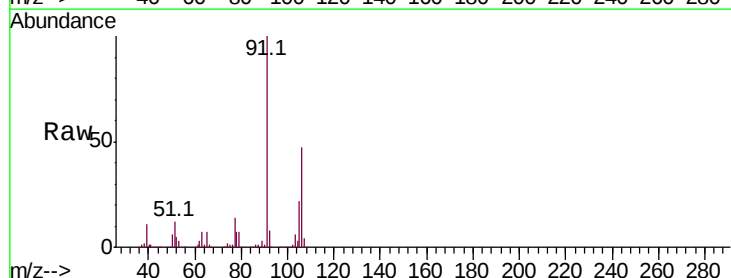
Acq: 24 Sep 2020 23:03

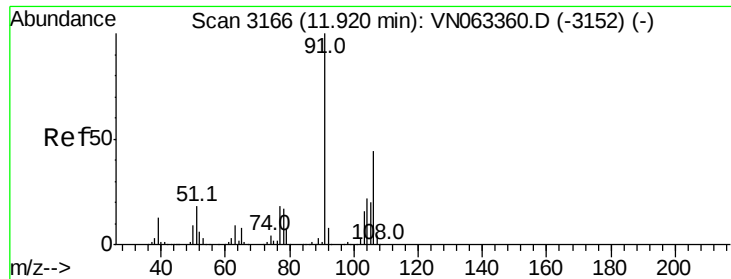
Tgt Ion: 106 Resp: 542129

Ion Ratio Lower Upper

106 100

91 211.9 171.2 256.8

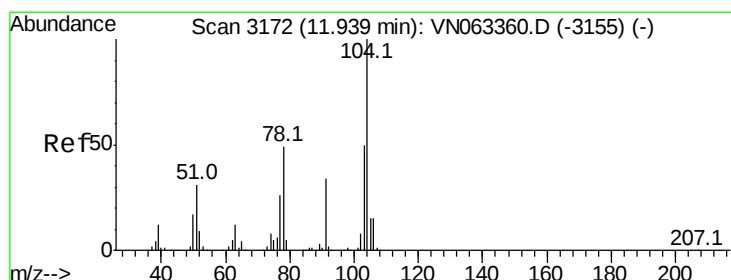
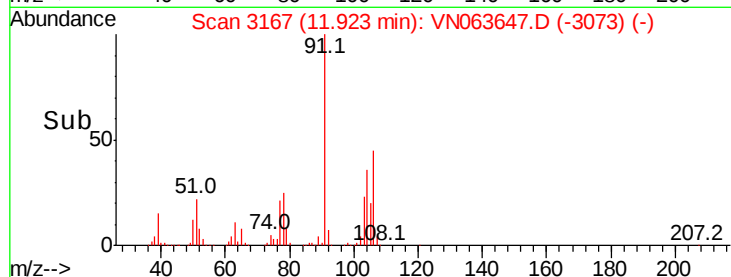
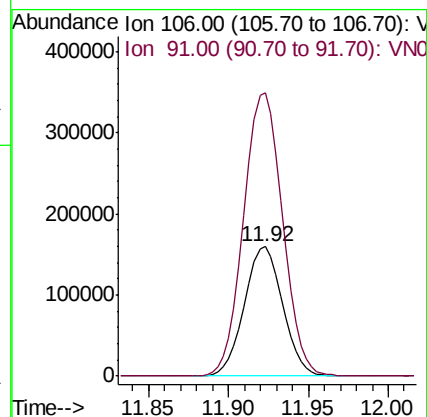
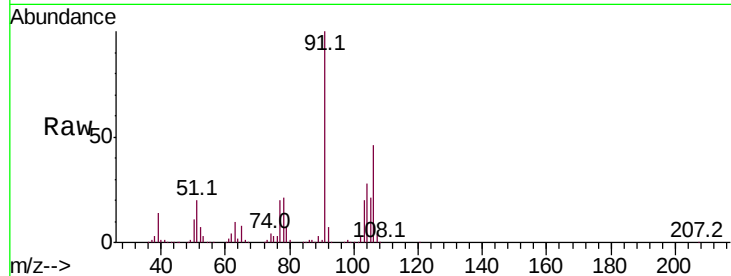




#69
o-Xylene
Concen: 50.283 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

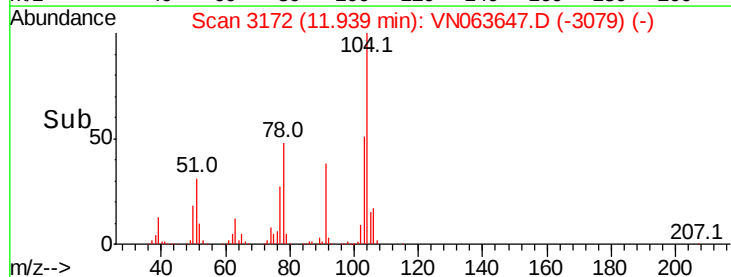
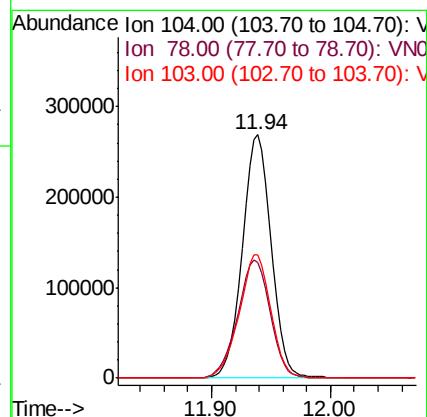
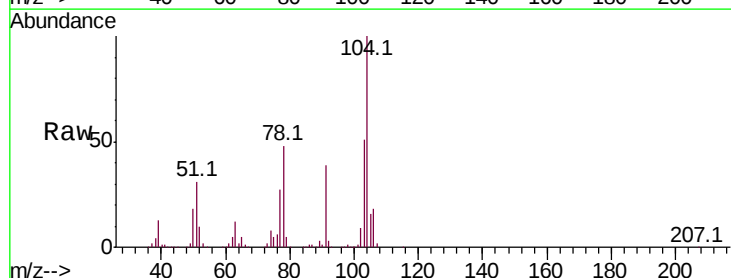
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

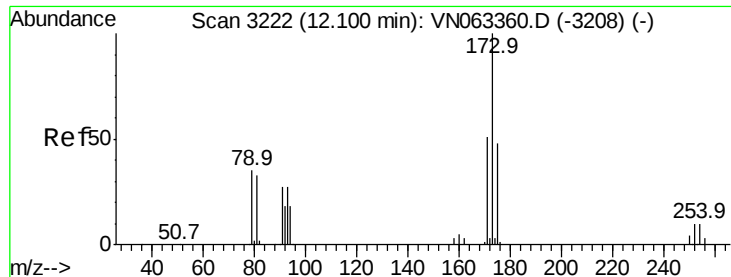
Tot Ion:106 Resp: 261598
Ion Ratio Lower Upper
106 100
91 221.8 113.6 340.8



#70
Styrene
Concen: 51.715 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063647.D
Acq: 24 Sep 2020 23:03

Tgt Ion:104 Resp: 451186
Ion Ratio Lower Upper
104 100
78 54.9 44.4 66.6
103 55.7 43.7 65.5





#71

Bromoform

Concen: 51.370 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

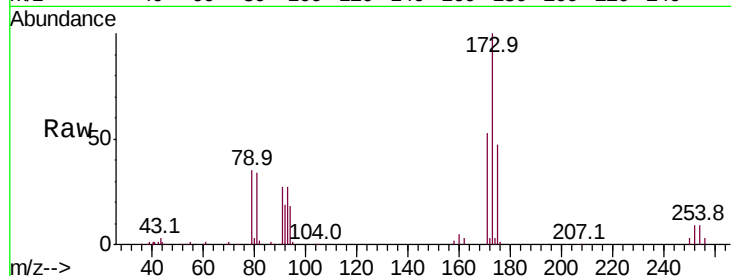
Tot Ion:173 Resp: 112835

Ion Ratio Lower Upper

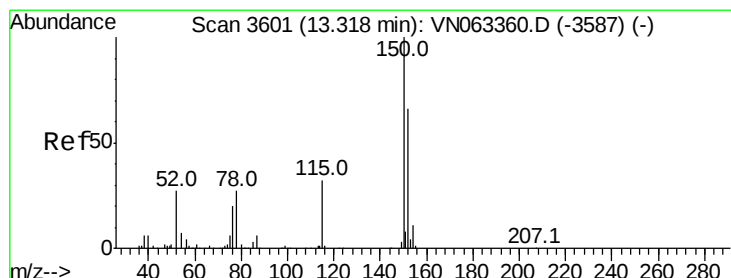
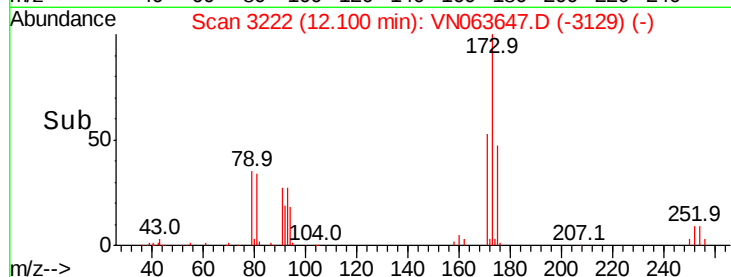
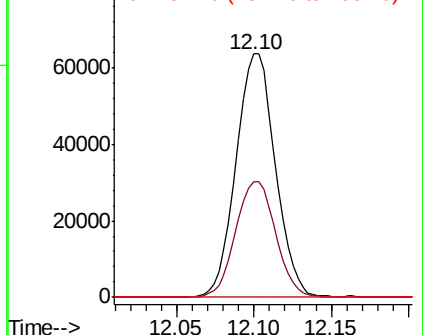
173 100

175 48.3 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

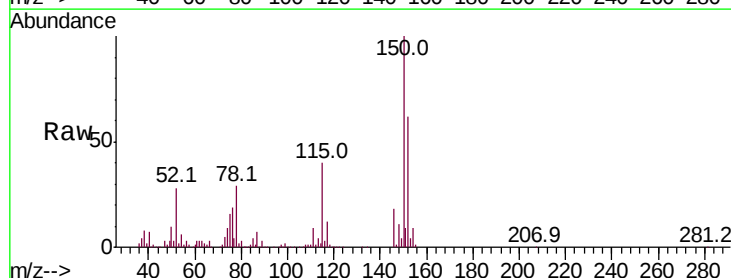
Tgt Ion:152 Resp: 182266

Ion Ratio Lower Upper

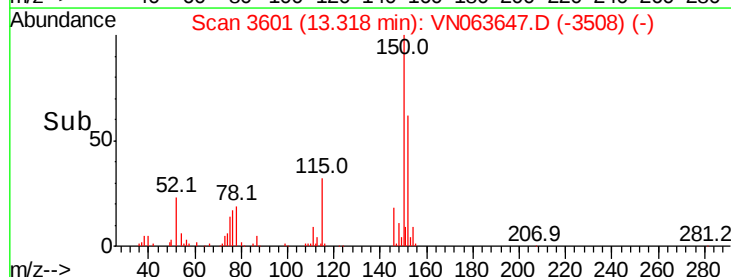
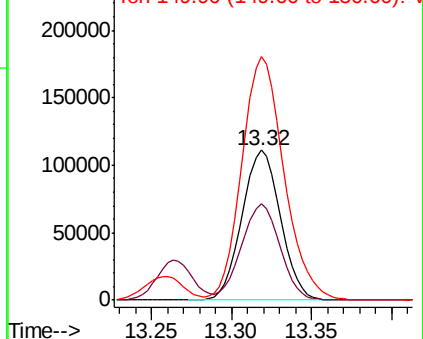
152 100

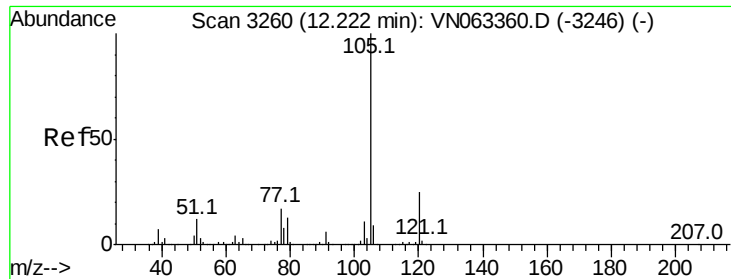
115 64.4 32.2 96.6

150 177.5 0.0 343.4



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





#73

Isopropylbenzene

Concen: 48.470 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

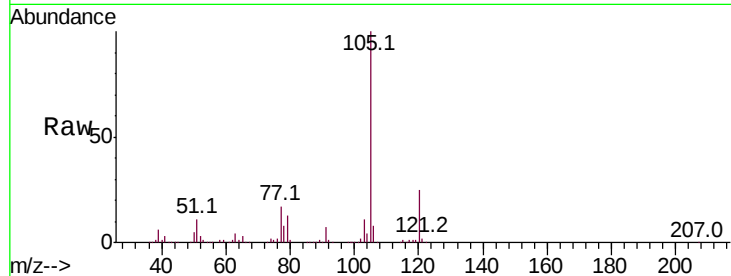
VSTDCCC050

Tot Ion:105 Resp: 707943

Ion Ratio Lower Upper

105 100

120 24.7 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

400000

300000

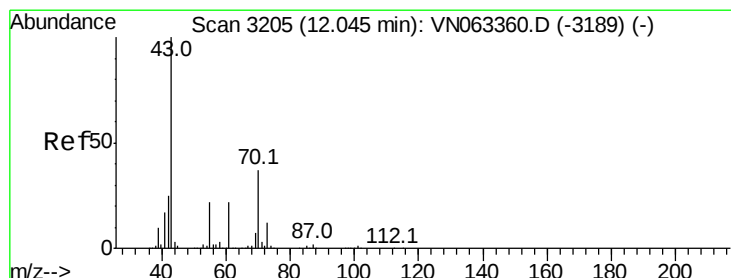
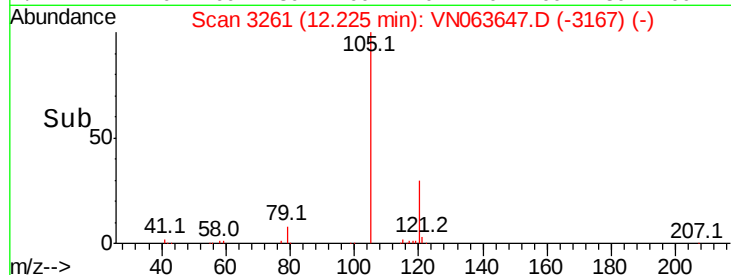
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 46.111 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Tgt Ion: 43 Resp: 318810

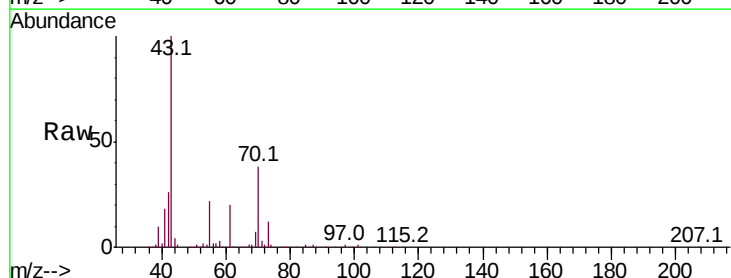
Ion Ratio Lower Upper

43 100

70 37.0 29.6 44.4

55 23.1 17.7 26.5

61 20.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.04

200000

150000

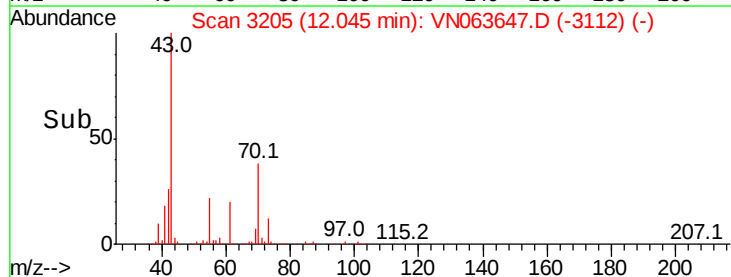
100000

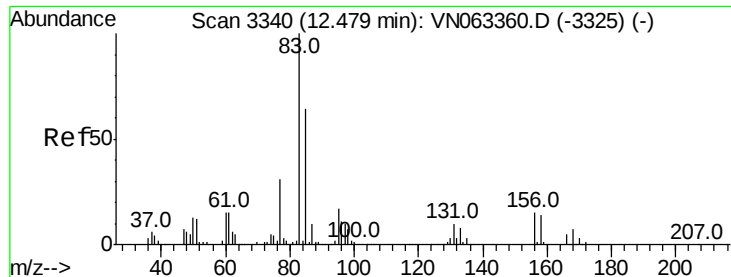
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 47.520 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

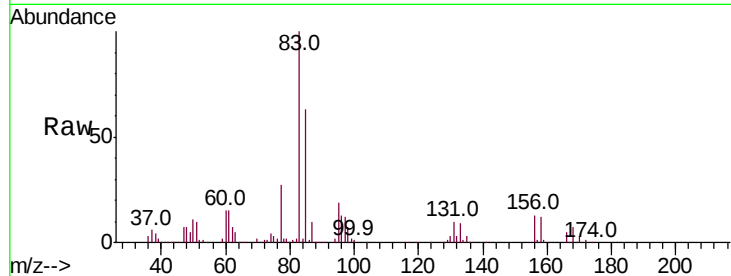
Tot Ion: 83 Resp: 214904

Ion Ratio Lower Upper

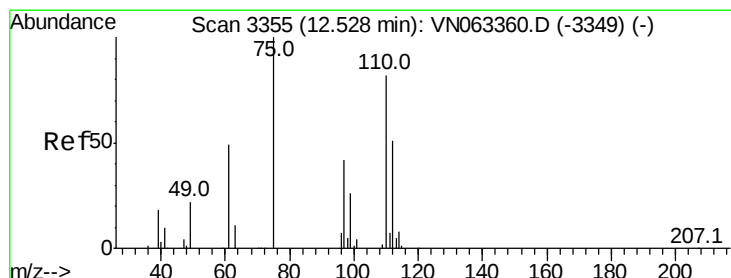
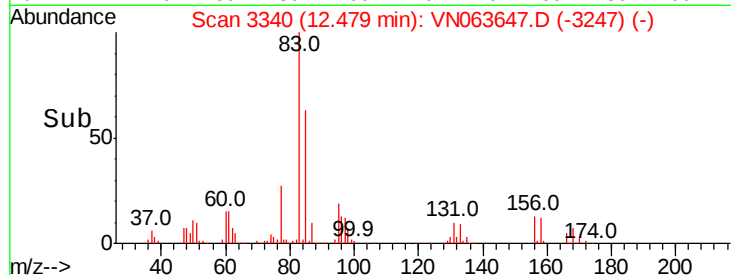
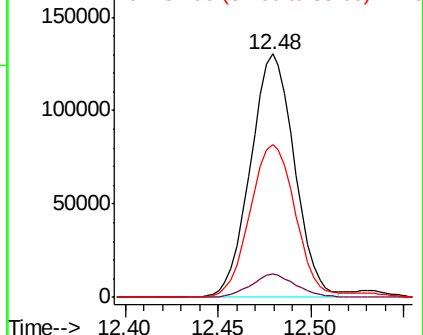
83 100

131 9.6 4.9 14.7

85 65.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 65.949 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063647.D

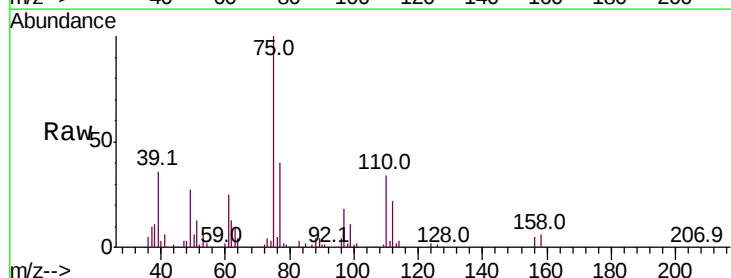
Acq: 24 Sep 2020 23:03

Tgt Ion: 75 Resp: 297520

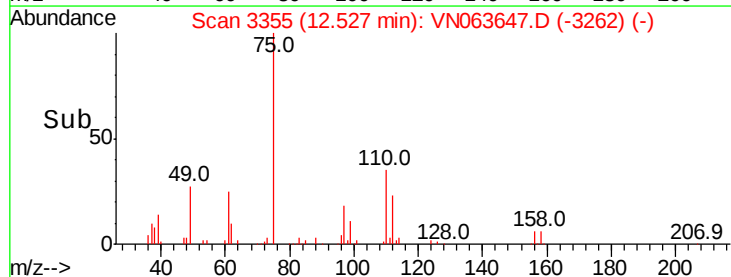
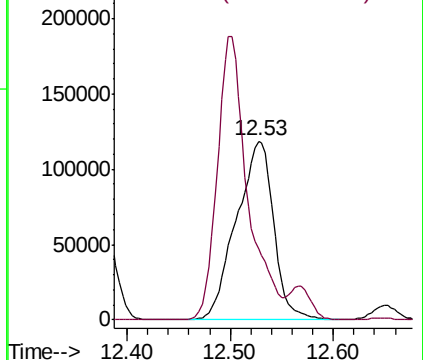
Ion Ratio Lower Upper

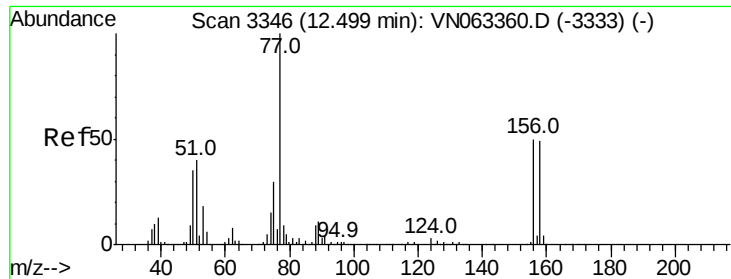
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.944 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

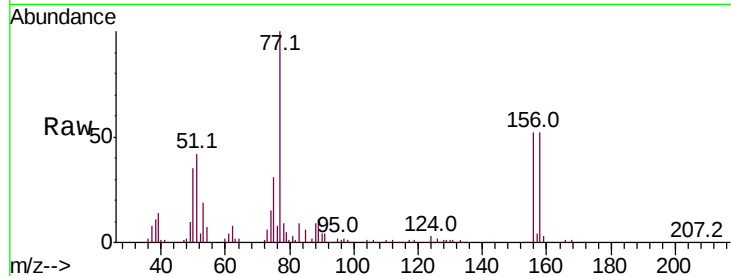
Tot Ion:156 Resp: 167374

Ion Ratio Lower Upper

156 100

77 229.4 120.2 360.6

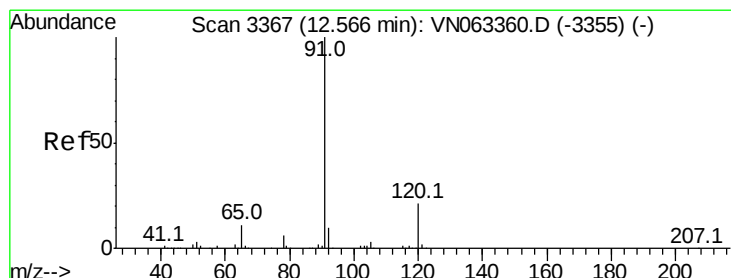
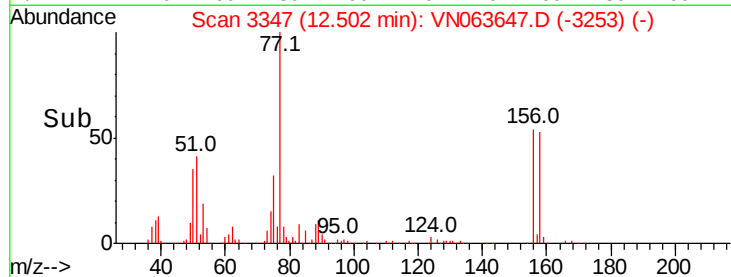
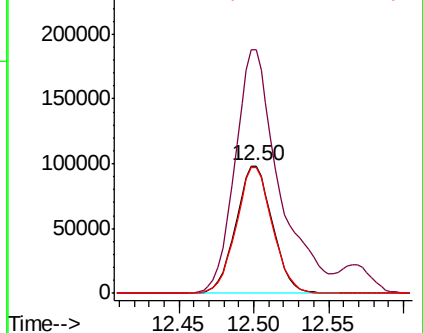
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.208 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063647.D

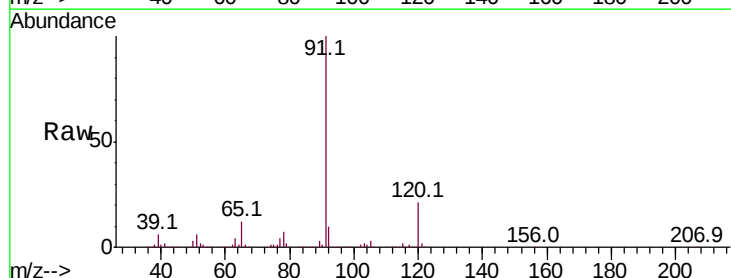
Acq: 24 Sep 2020 23:03

Tgt Ion: 91 Resp: 820092

Ion Ratio Lower Upper

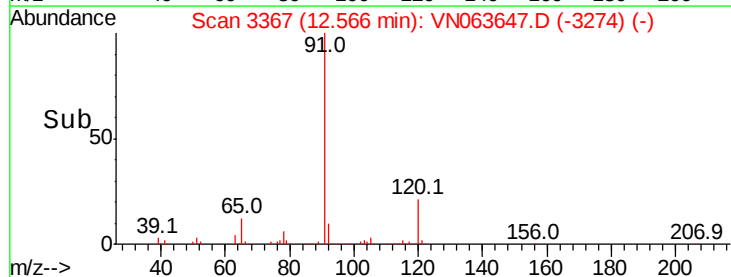
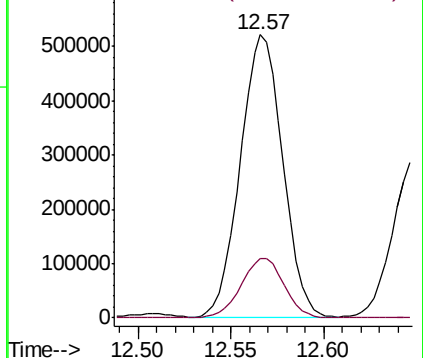
91 100

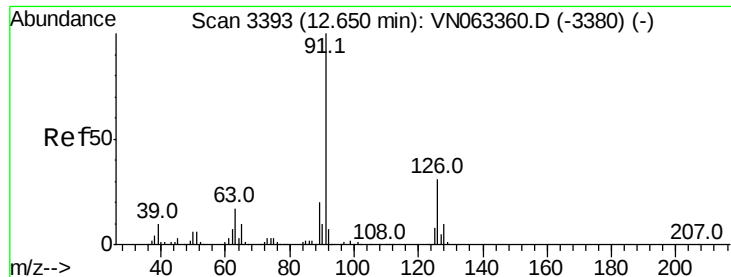
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.705 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

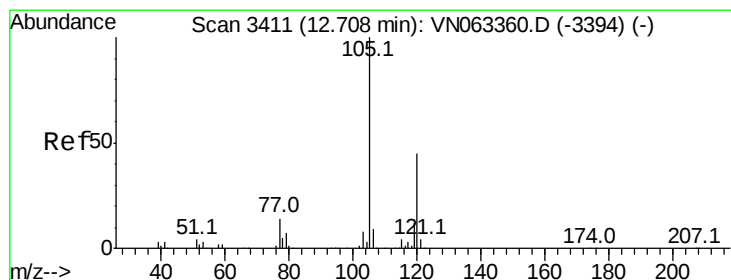
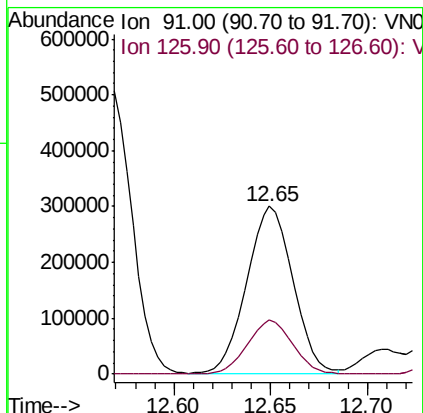
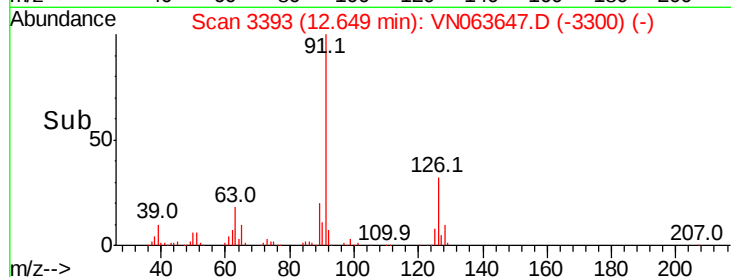
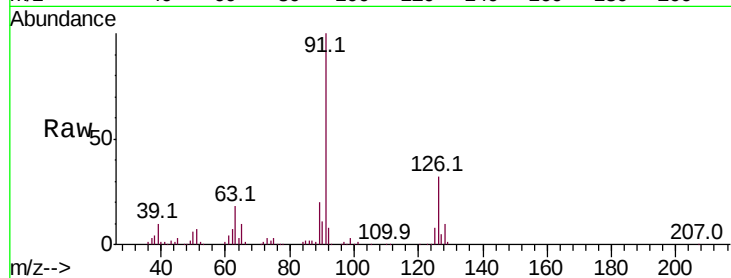
VSTDCCC050

Tot Ion: 91 Resp: 496673

Ion Ratio Lower Upper

91 100

126 32.1 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 48.948 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063647.D

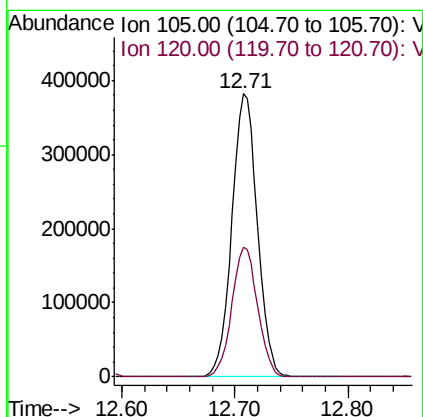
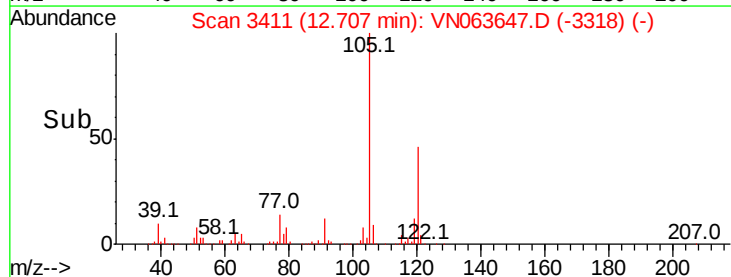
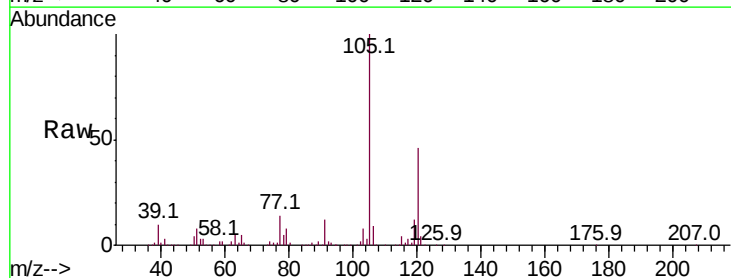
Acq: 24 Sep 2020 23:03

Tgt Ion:105 Resp: 596151

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 42.377 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

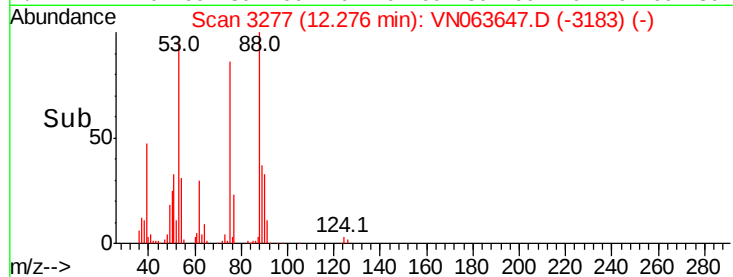
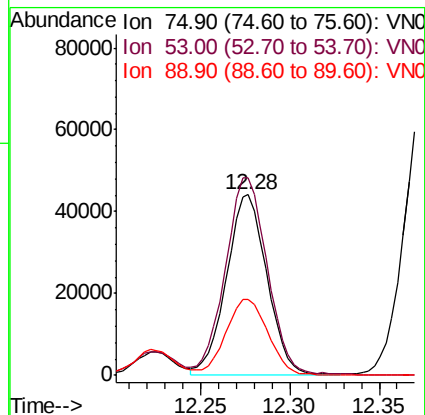
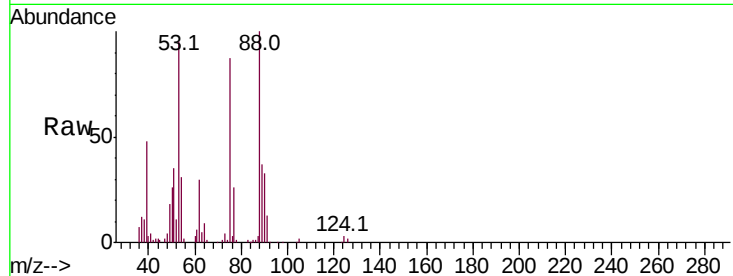
Tot Ion: 75 Resp: 69731

Ion Ratio Lower Upper

75 100

53 114.1 85.7 128.5

89 43.8 38.0 57.0



#82

4-Chlorotoluene

Concen: 48.685 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063647.D

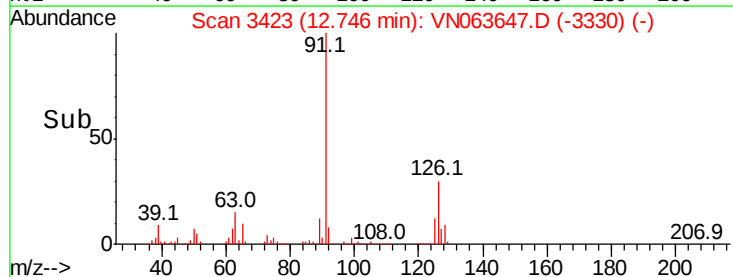
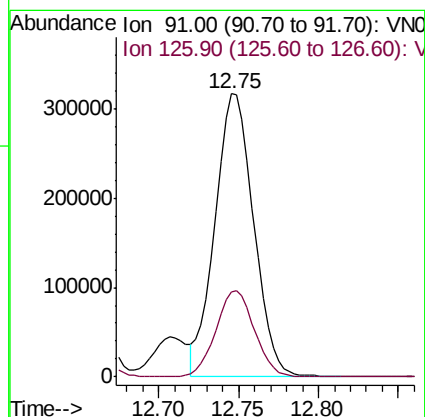
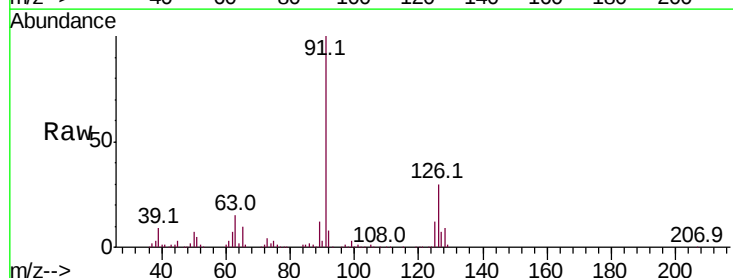
Acq: 24 Sep 2020 23:03

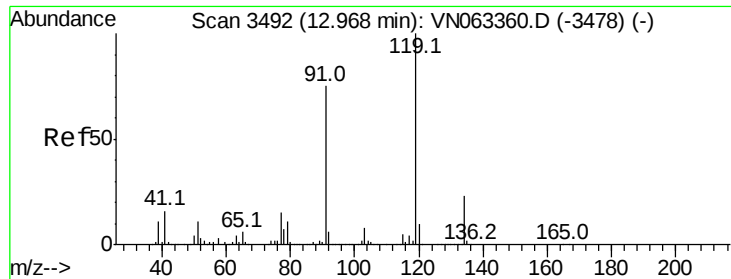
Tgt Ion: 91 Resp: 524561

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5





#83

tert-Butylbenzene

Concen: 47.519 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

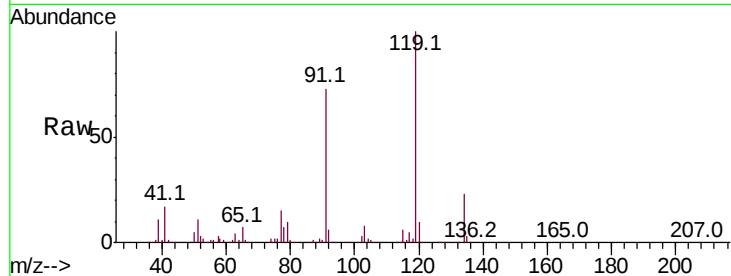
Tot Ion:119 Resp: 477666

Ion Ratio Lower Upper

119 100

91 72.3 36.3 108.9

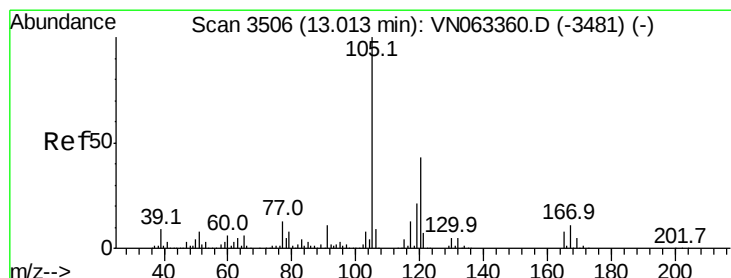
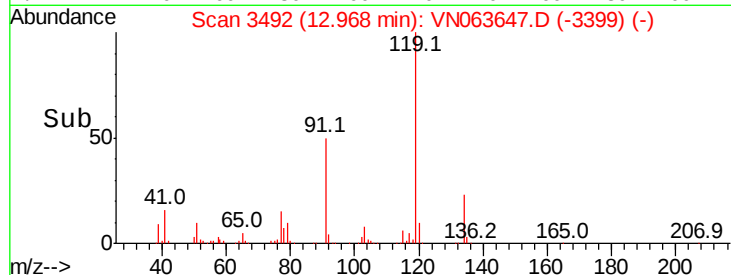
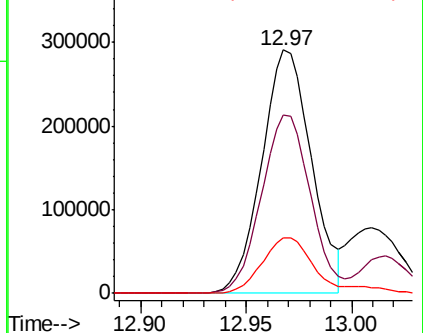
134 23.3 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.625 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063647.D

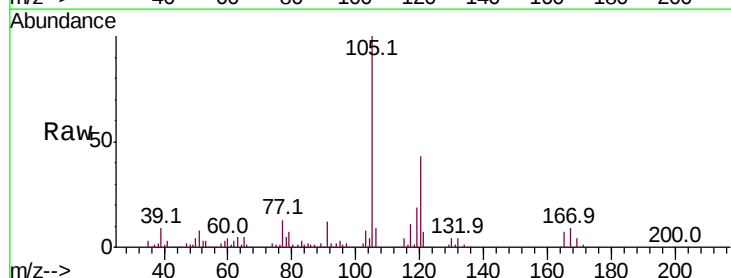
Acq: 24 Sep 2020 23:03

Tgt Ion:105 Resp: 610498

Ion Ratio Lower Upper

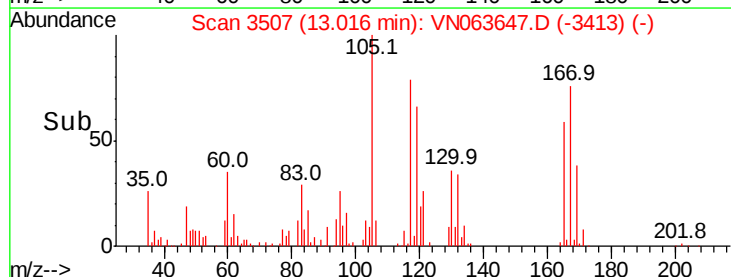
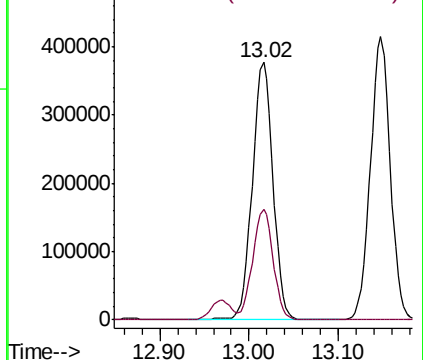
105 100

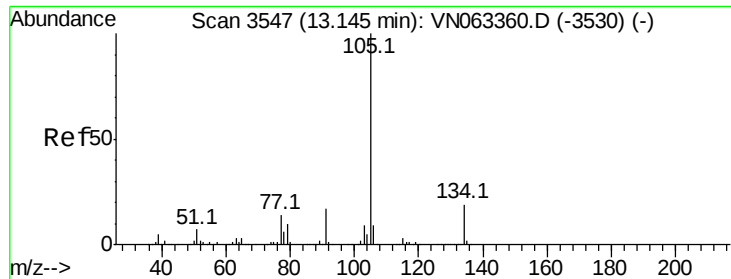
120 42.6 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.330 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

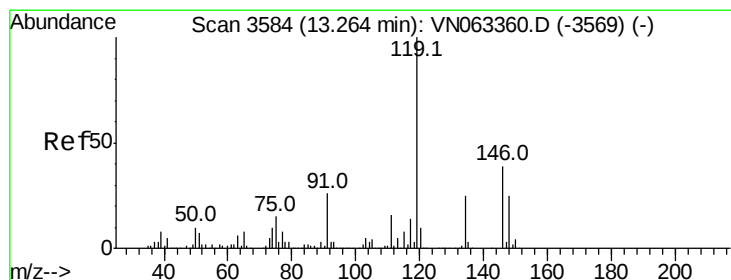
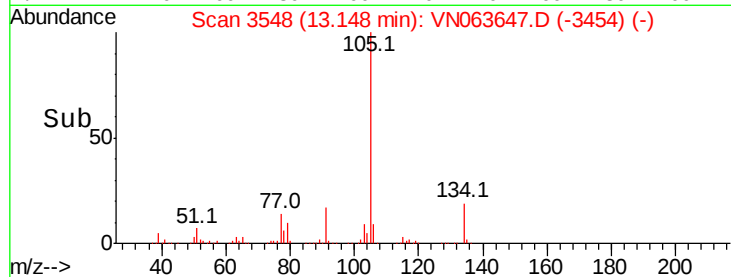
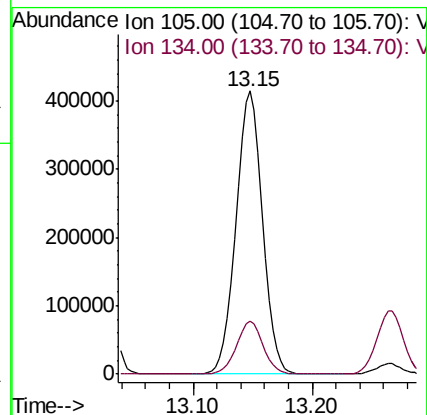
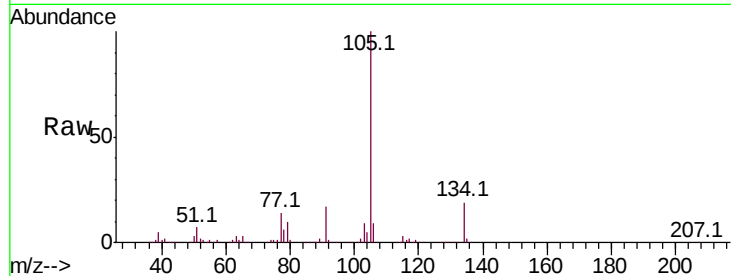
VSTDCCC050

Tot Ion:105 Resp: 636838

Ion Ratio Lower Upper

105 100

134 18.7 9.3 27.7



#86

p-Isopropyltoluene

Concen: 48.055 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

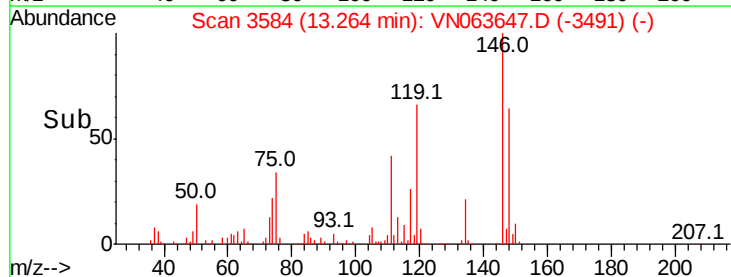
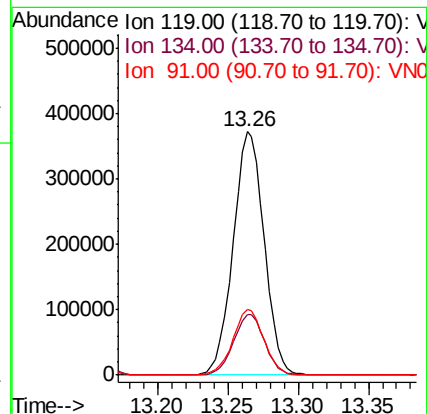
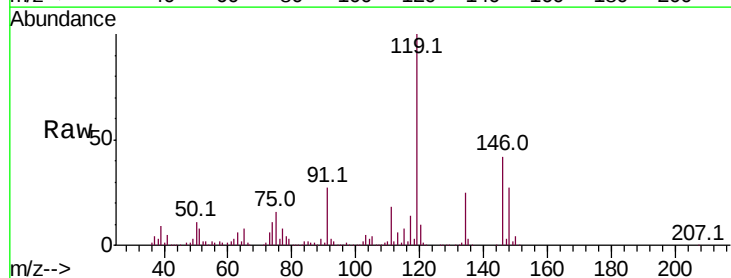
Tgt Ion:119 Resp: 570307

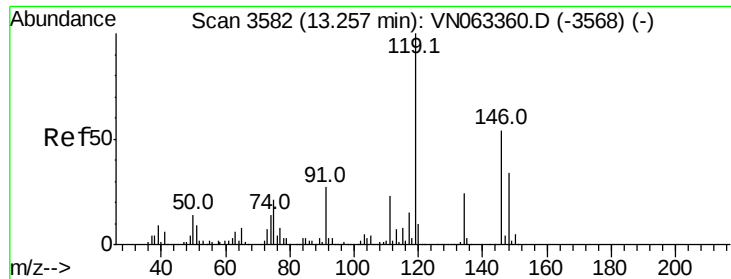
Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 26.7 13.4 40.1

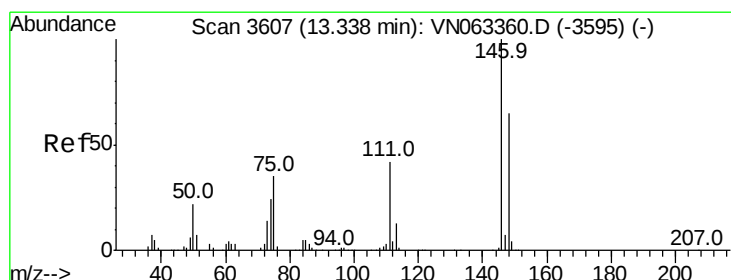
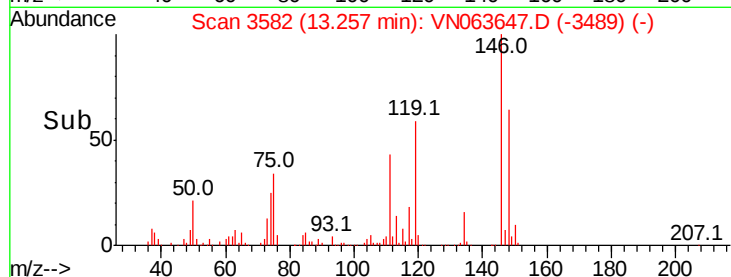
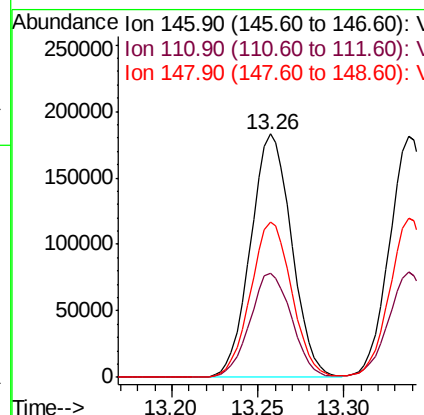
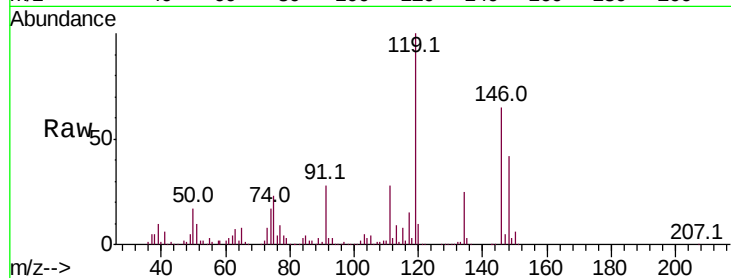




#87
 1,3-Dichlorobenzene
 Concen: 49.806 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

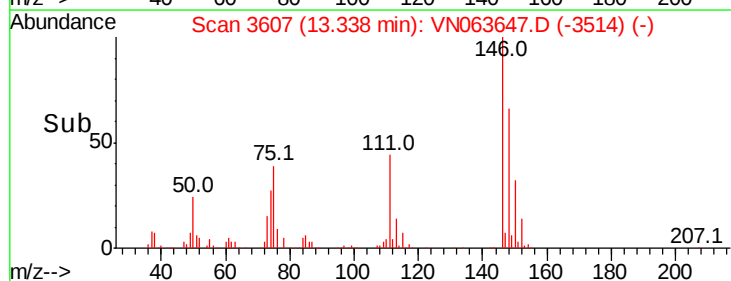
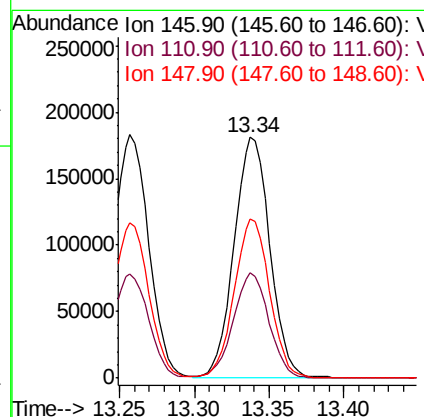
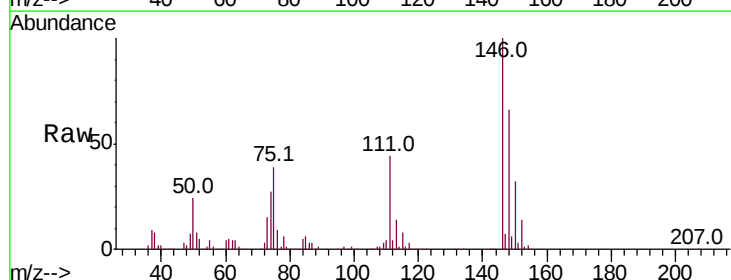
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

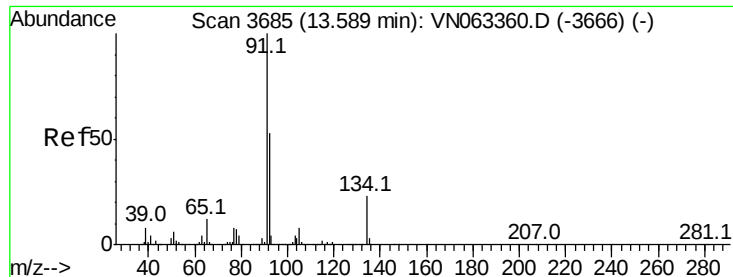
Tot Ion:146 Resp: 303293
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.4 64.3
 148 63.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.512 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion:146 Resp: 300345
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.2 63.6
 148 65.3 31.9 95.9





#89

n-Butylbenzene

Concen: 46.103 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

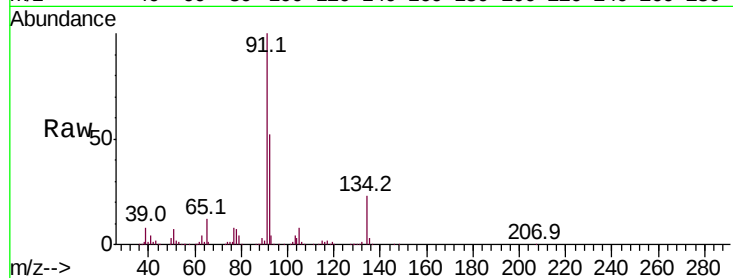
Tot Ion: 91 Resp: 504329

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

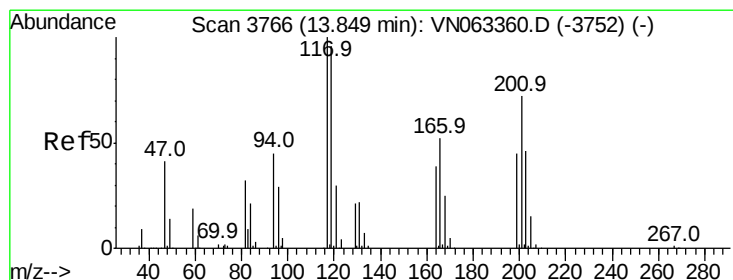
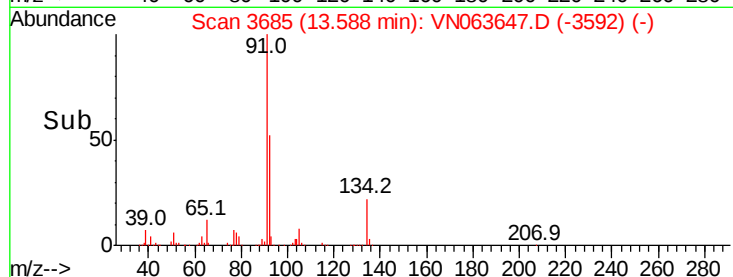
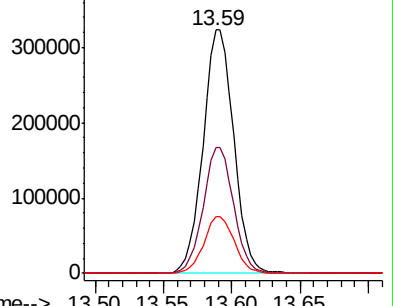
134 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 46.189 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063647.D

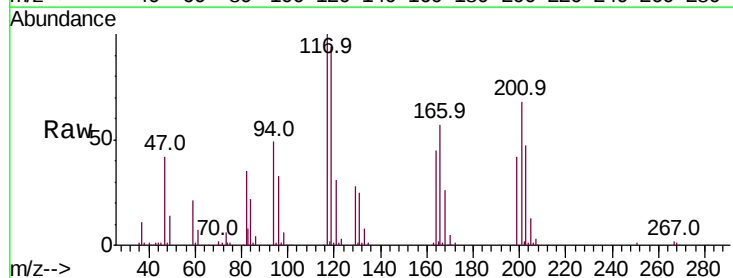
Acq: 24 Sep 2020 23:03

Tgt Ion: 117 Resp: 104380

Ion Ratio Lower Upper

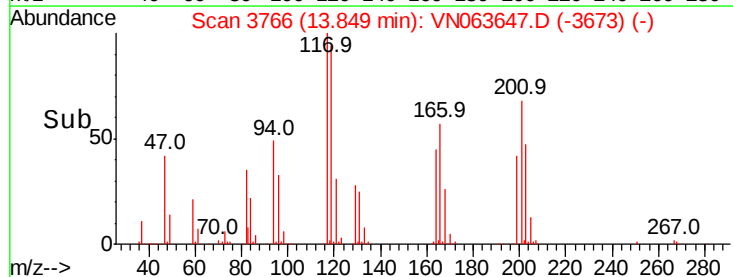
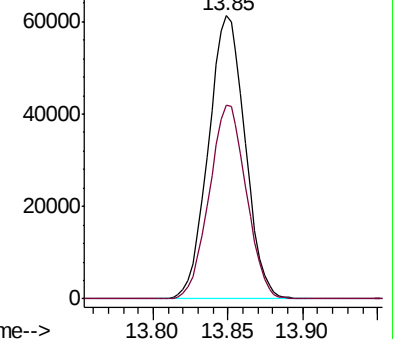
117 100

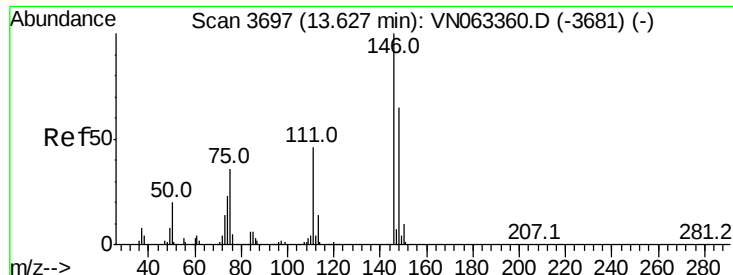
201 69.1 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

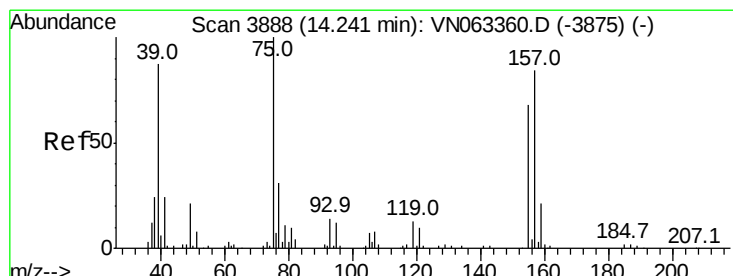
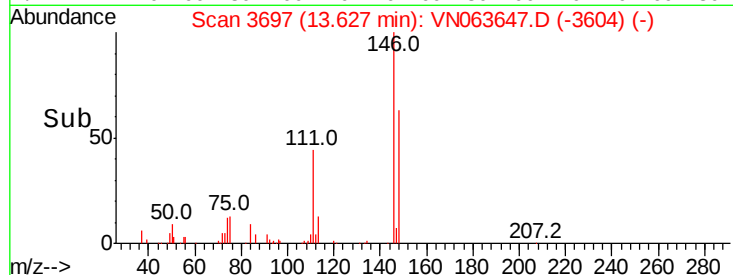
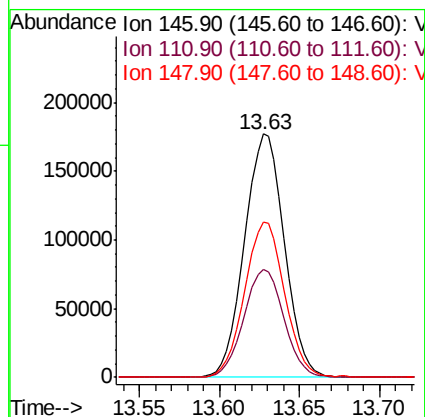
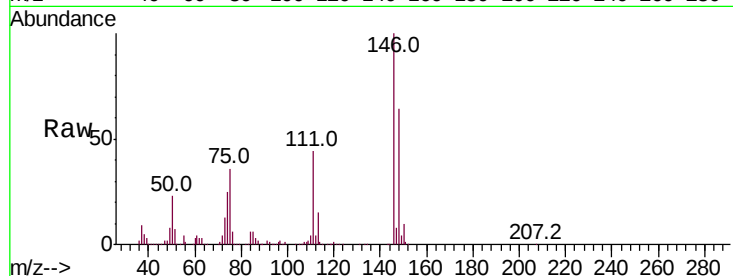




#91
 1,2-Dichlorobenzene
 Concen: 50.320 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

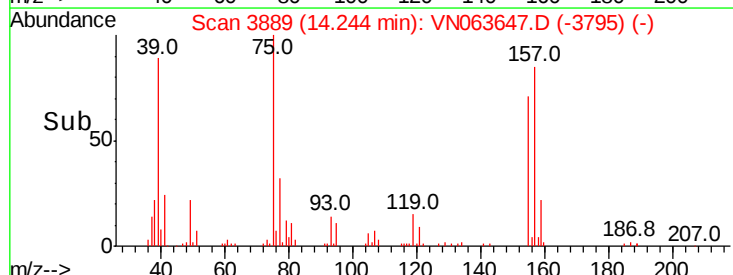
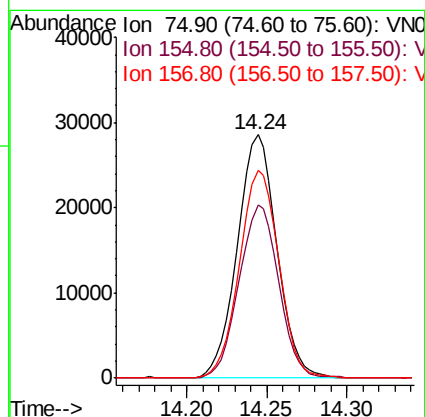
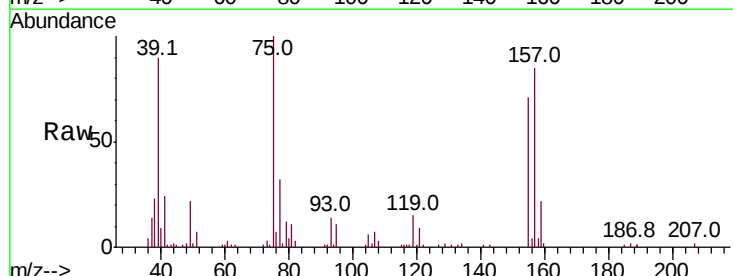
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

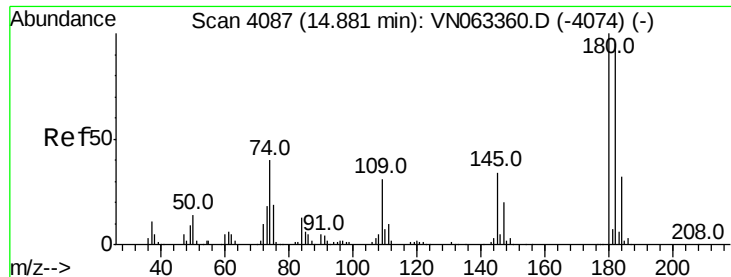
Tot Ion:146 Resp: 300844
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.4 67.2
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.708 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion: 75 Resp: 48146
 Ion Ratio Lower Upper
 75 100
 155 71.3 34.6 103.9
 157 85.1 43.7 131.1

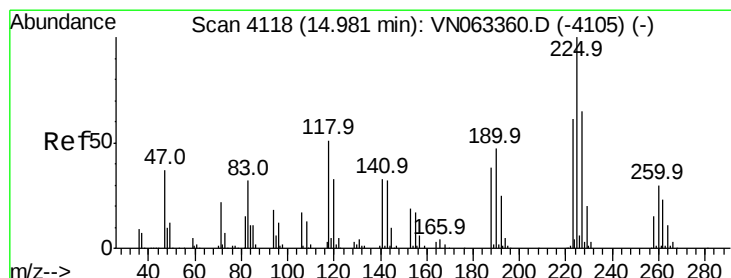
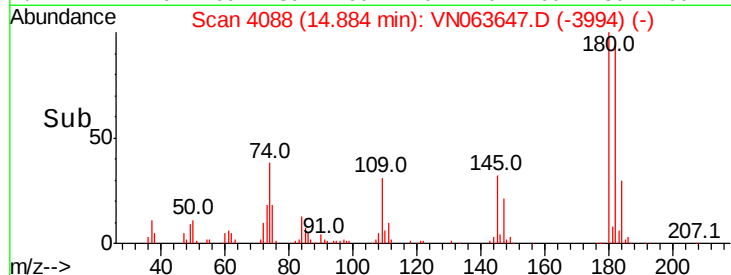
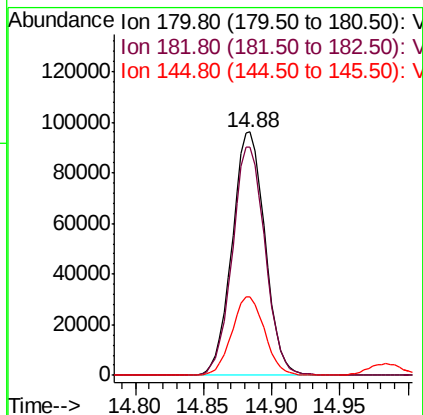
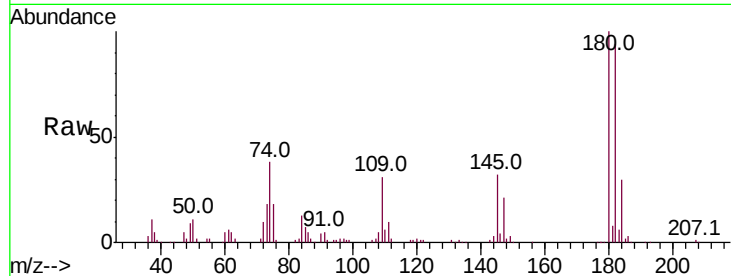




#93
 1,2,4-Trichlorobenzene
 Concen: 45.683 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

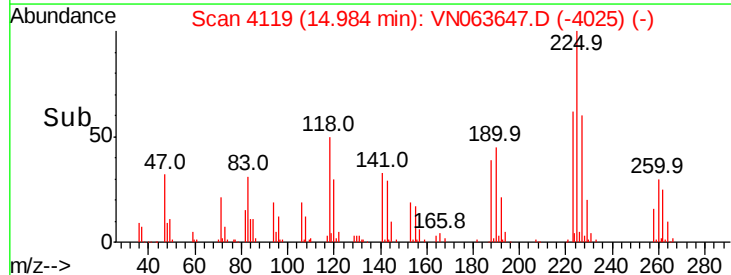
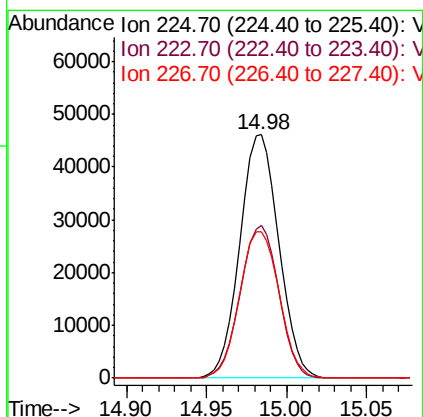
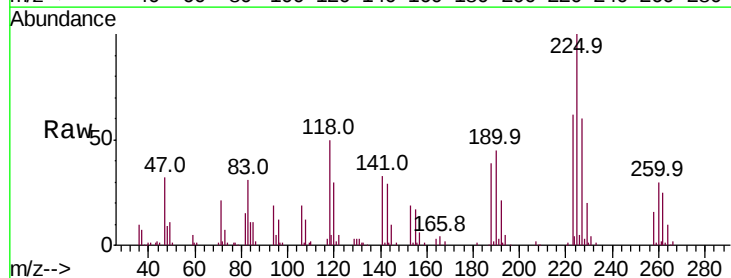
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

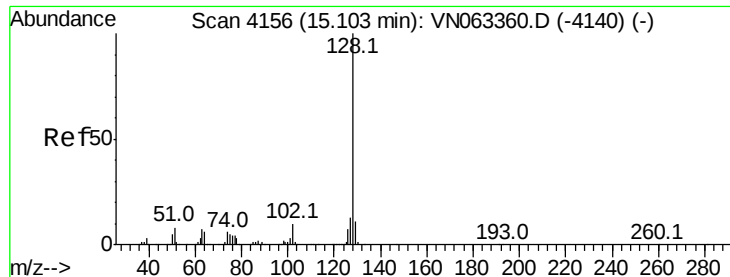
Tot Ion:180 Resp: 161012
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.3 142.0
 145 32.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 52.551 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063647.D
 Acq: 24 Sep 2020 23:03

Tgt Ion:225 Resp: 76679
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.6 91.6
 227 61.2 31.2 93.6





#95

Naphthalene

Concen: 44.240 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

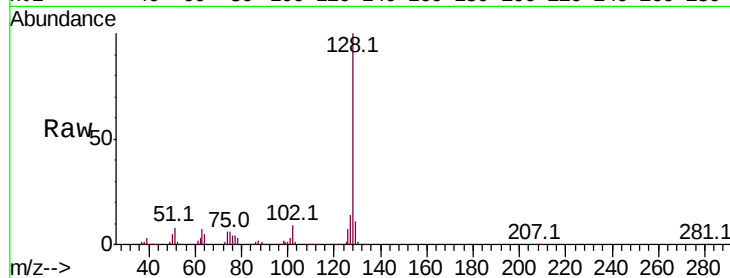
Tot Ion:128 Resp: 515149

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

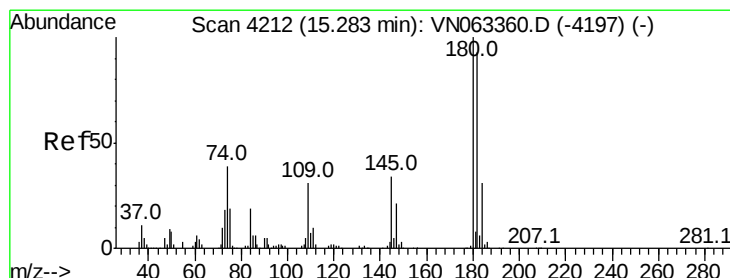
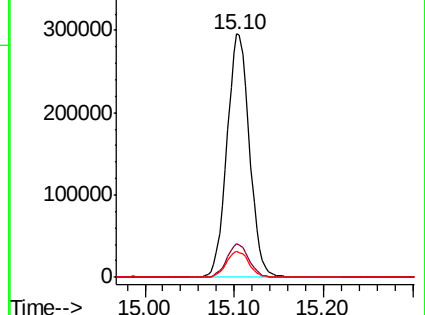
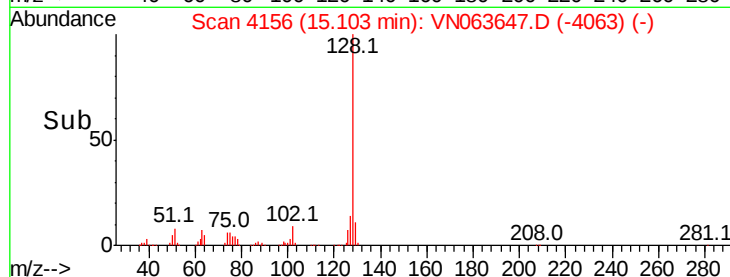
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.843 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063647.D

Acq: 24 Sep 2020 23:03

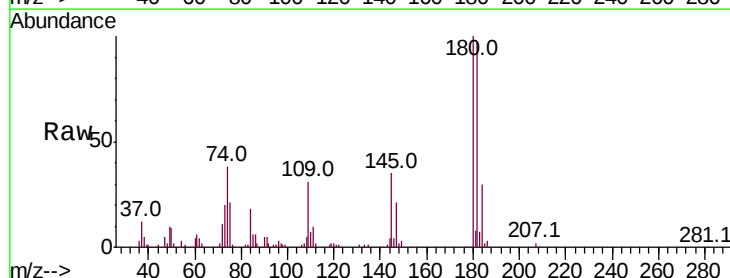
Tgt Ion:180 Resp: 156118

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.1

145 34.5 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

