

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063358.D
 Acq On : 16 Sep 2020 11:08
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 16 12:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	273937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	472696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185594	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	24024	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
35) Dibromofluoromethane	7.54	113	17422	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	
50) Toluene-d8	10.06	98	62914	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
62) 4-Bromofluorobenzene	12.37	95	21397	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	16266	5.986	ug/l 99
3) Chloromethane	2.03	50	21301	5.342	ug/l 99
4) Vinyl Chloride	2.16	62	18293	4.930	ug/l 90
5) Bromomethane	2.53	94	10756	4.291	ug/l 99
6) Chloroethane	2.67	64	11381	4.767	ug/l 96
7) Trichlorofluoromethane	2.98	101	27626	4.835	ug/l 100
8) Diethyl Ether	3.37	74	10437	5.016	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	3.71	101	16660	5.522	ug/l # 85
10) Methyl Iodide	3.90	142	17063	4.388	ug/l 99
11) Tert butyl alcohol	4.74	59	16314	28.056	ug/l 99
12) 1,1-Dichloroethene	3.70	96	15119	4.995	ug/l 97
13) Acrolein	3.56	56	556	2.085	ug/l # 54
14) Allyl chloride	4.27	41	32567	5.252	ug/l # 89
15) Acrylonitrile	4.93	53	40809	26.000	ug/l 99
16) Acetone	3.78	43	35377	23.760	ug/l 91
17) Carbon Disulfide	4.01	76	44099	4.713	ug/l 99
18) Methyl Acetate	4.28	43	21359	5.686	ug/l 93
19) Methyl tert-butyl Ether	4.99	73	58134	5.367	ug/l 95
20) Methylene Chloride	4.51	84	20082	5.267	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	17664	5.224	ug/l # 77
22) Diisopropyl ether	5.90	45	64164	5.293	ug/l 91
23) Vinyl Acetate	5.84	43	261698	27.276	ug/l 99
24) 1,1-Dichloroethane	5.79	63	34809	5.257	ug/l 99
25) 2-Butanone	6.79	43	56394	25.532	ug/l 94
26) 2,2-Dichloropropane	6.78	77	31247	5.399	ug/l # 75
27) cis-1,2-Dichloroethene	6.78	96	19005	4.824	ug/l 89
28) Bromochloromethane	7.14	49	17924	5.637	ug/l 97
29) Tetrahydrofuran	7.17	42	40579	28.204	ug/l 99
30) Chloroform	7.32	83	34560	5.232	ug/l 98
31) Cyclohexane	7.61	56	39490	6.493	ug/l # 85
32) 1,1,1-Trichloroethane	7.52	97	30488	5.276	ug/l 96
36) 1,1-Dichloropropene	7.75	75	26346	5.374	ug/l 96
37) Ethyl Acetate	6.88	43	25671	5.304	ug/l # 92
38) Carbon Tetrachloride	7.73	117	26452	5.450	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
 Data File : VN063358.D
 Acq On : 16 Sep 2020 11:08
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Sep 16 12:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	28346	5.305	ug/l	98
40) Benzene	8.00	78	74424	5.324	ug/l	94
41) Methacrylonitrile	7.12	41	9695	4.401	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	30025	5.605	ug/l	99
43) Isopropyl Acetate	8.13	43	42653	5.196	ug/l	95
44) Trichloroethene	8.80	130	17403	4.833	ug/l	95
45) 1,2-Dichloropropane	9.08	63	19760	5.149	ug/l	95
46) Dibromomethane	9.17	93	14138	5.651	ug/l	95
47) Bromodichloromethane	9.37	83	27410	5.276	ug/l	99
48) Methyl methacrylate	9.16	41	21921	5.557	ug/l	98
49) 1,4-Dioxane	9.17	88	6214	102.246	ug/l	89
51) 4-Methyl-2-Pentanone	9.95	43	130319	28.839	ug/l	96
52) Toluene	10.12	92	43565	5.092	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	28888	5.092	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	31271	5.125	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	17327	5.171	ug/l	89
56) Ethyl methacrylate	10.40	69	26453	5.196	ug/l	98
57) 1,3-Dichloropropane	10.68	76	32627	5.569	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	70526	25.761	ug/l	96
59) 2-Hexanone	10.72	43	88279	26.507	ug/l	100
60) Dibromochloromethane	10.87	129	18732	5.084	ug/l	98
61) 1,2-Dibromoethane	10.97	107	17958	5.135	ug/l	100
64) Tetrachloroethene	10.60	164	15117	4.539	ug/l	96
65) Chlorobenzene	11.40	112	45180	5.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	16599	5.042	ug/l	95
67) Ethyl Benzene	11.48	91	86119	5.302	ug/l	99
68) m/p-Xylenes	11.59	106	60076	9.989	ug/l	100
69) o-Xylene	11.92	106	28363	4.927	ug/l	98
70) Styrene	11.94	104	46105	4.802	ug/l	99
71) Bromoform	12.10	173	11138	4.828	ug/l #	97
73) Isopropylbenzene	12.22	105	78380	5.236	ug/l	100
74) N-amyl acetate	12.05	43	35300	5.685	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	23817	5.493	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	33636	8.055	ug/l #	100
77) Bromobenzene	12.50	156	16917	4.922	ug/l	95
78) n-propylbenzene	12.57	91	89968	5.299	ug/l	99
79) 2-Chlorotoluene	12.65	91	51211	4.906	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	64974	5.225	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	7835	5.092	ug/l	95
82) 4-Chlorotoluene	12.75	91	55619	5.069	ug/l	99
83) tert-Butylbenzene	12.97	119	52723	5.014	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	65454	5.219	ug/l	100
85) sec-Butylbenzene	13.14	105	71913	5.363	ug/l	99
86) p-Isopropyltoluene	13.26	119	61330	5.000	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	32024	5.093	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	32049	4.897	ug/l	91
89) n-Butylbenzene	13.59	91	55204	4.978	ug/l	99
90) Hexachloroethane	13.85	117	11538	5.644	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	30806	4.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	5587	5.628	ug/l	99

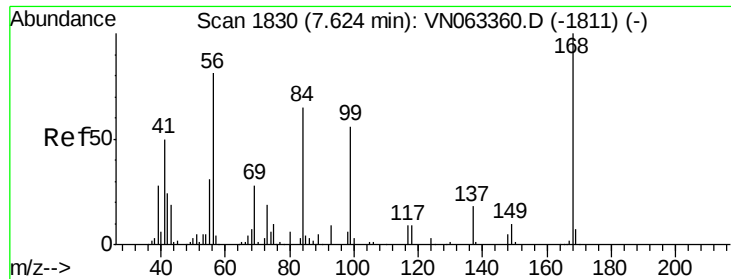
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091620\
Data File : VN063358.D
Acq On : 16 Sep 2020 11:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 16 12:20:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 12:15:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	17923	4.886	ug/l	98
94) Hexachlorobutadiene	14.98	225	8110	5.166	ug/l	98
95) Naphthalene	15.10	128	58184	4.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	16964	4.727	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

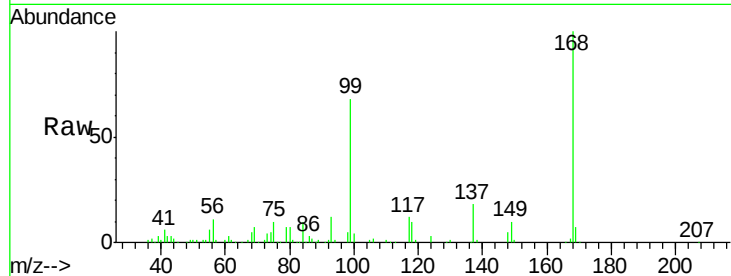
VSTDIC005

Tgt Ion:168 Resp: 273937

Ion Ratio Lower Upper

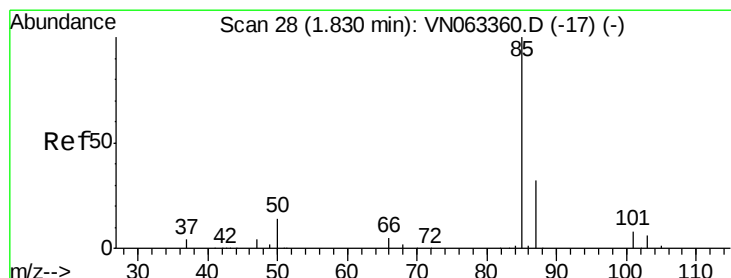
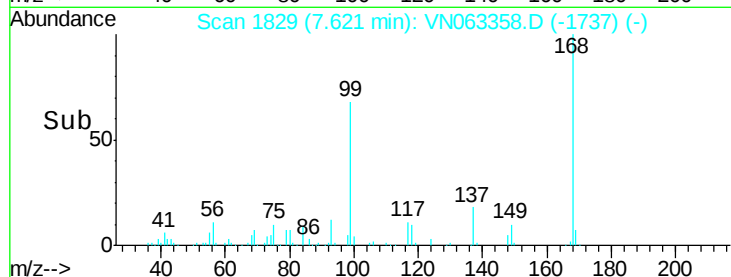
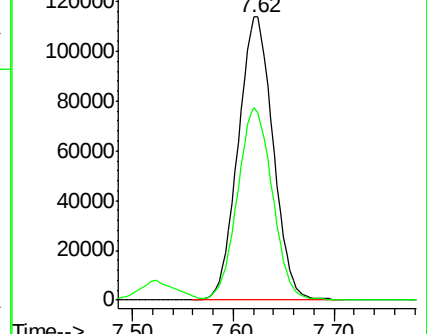
168 100

99 67.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 5.986 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063358.D

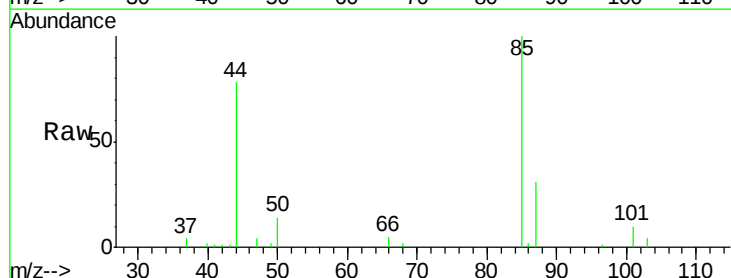
Acq: 16 Sep 2020 11:08

Tgt Ion: 85 Resp: 16266

Ion Ratio Lower Upper

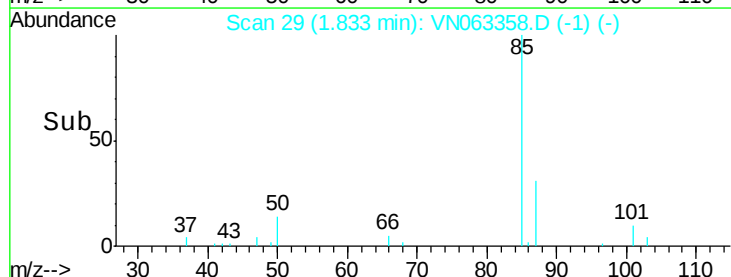
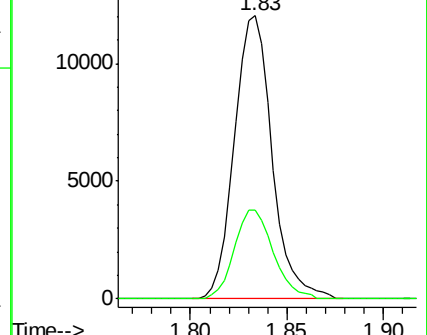
85 100

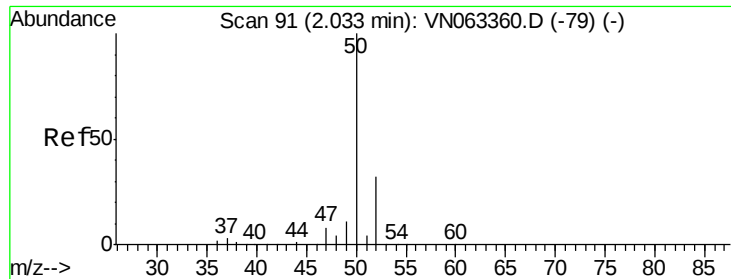
87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 5.342 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

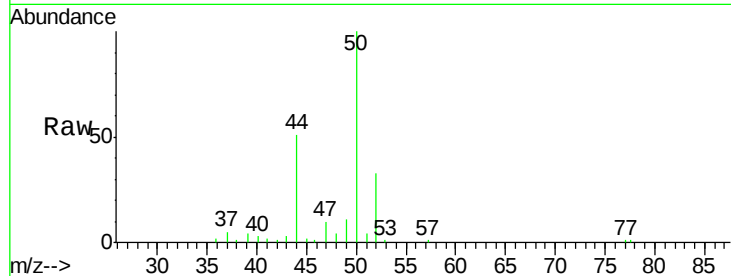
VSTDIC005

Tgt Ion: 50 Resp: 21301

Ion Ratio Lower Upper

50 100

52 33.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

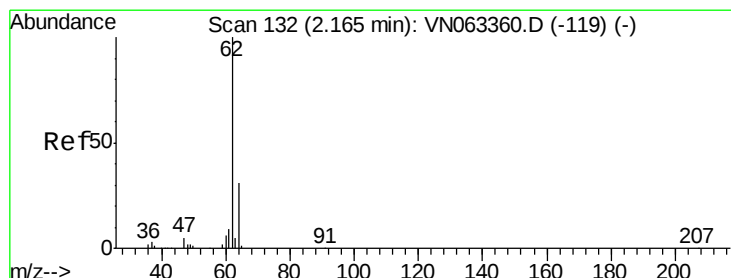
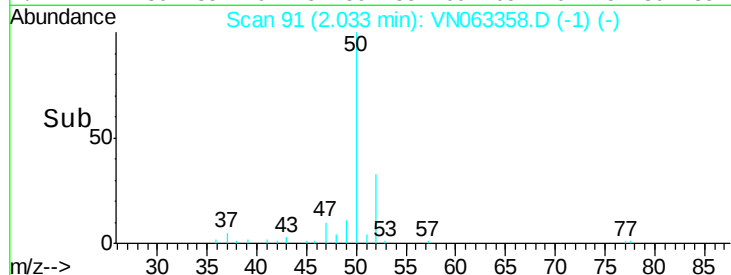
15000

10000

5000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 4.930 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN063358.D

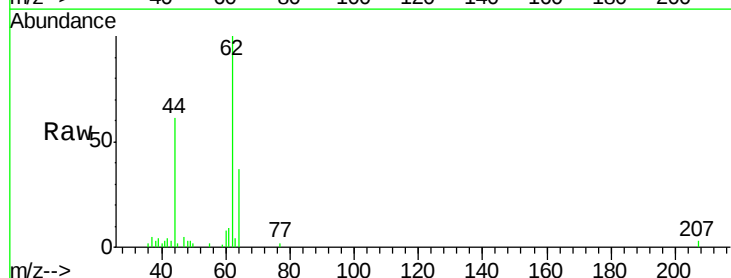
Acq: 16 Sep 2020 11:08

Tgt Ion: 62 Resp: 18293

Ion Ratio Lower Upper

62 100

64 36.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

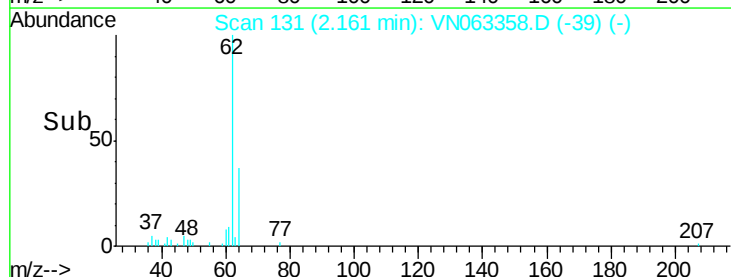
2.16

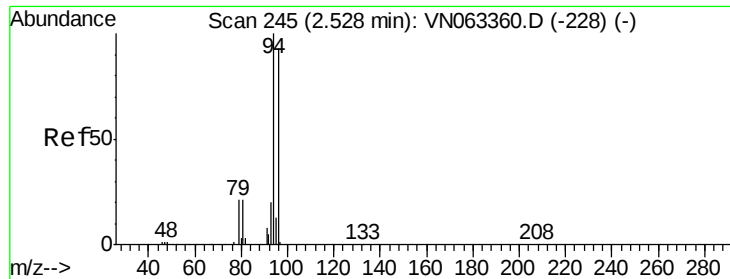
10000

5000

0

Time--> 2.10 2.15 2.20





#5

Bromomethane

Concen: 4.291 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

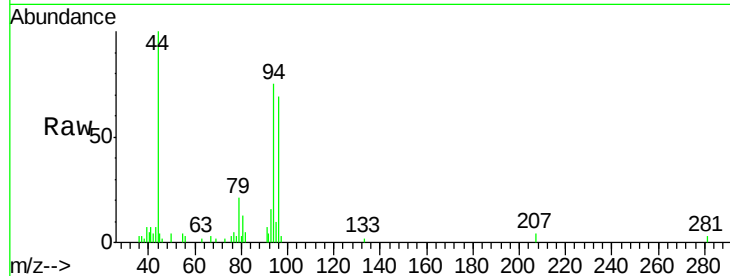
VSTDIC005

Tgt Ion: 94 Resp: 10756

Ion Ratio Lower Upper

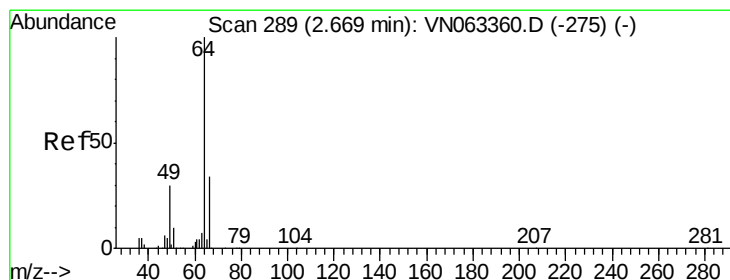
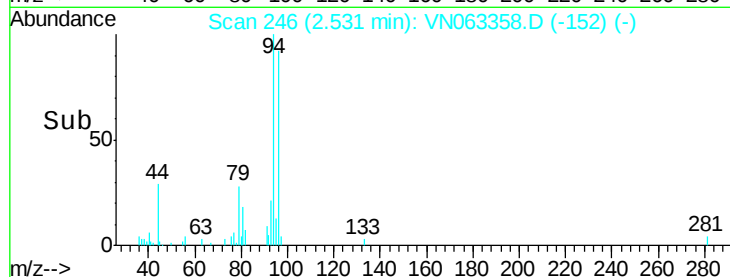
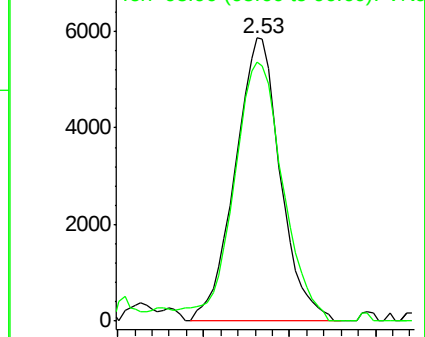
94 100

96 91.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 4.767 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063358.D

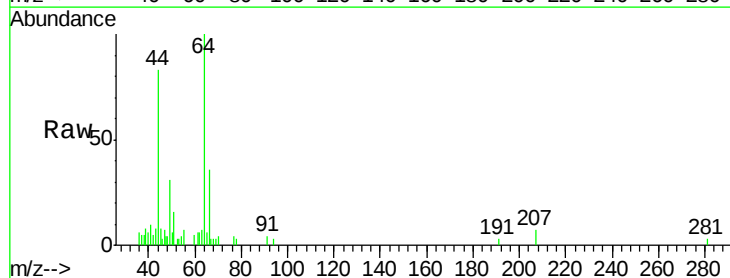
Acq: 16 Sep 2020 11:08

Tgt Ion: 64 Resp: 11381

Ion Ratio Lower Upper

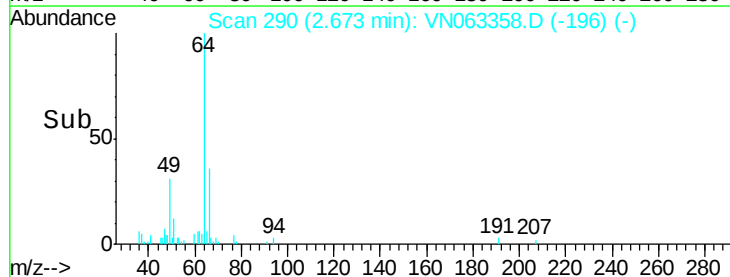
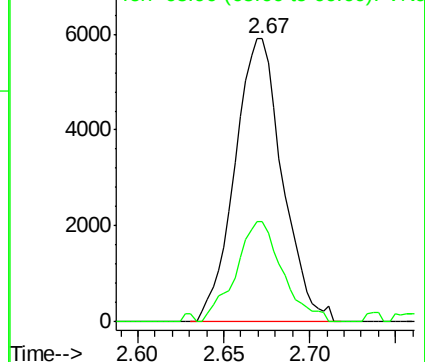
64 100

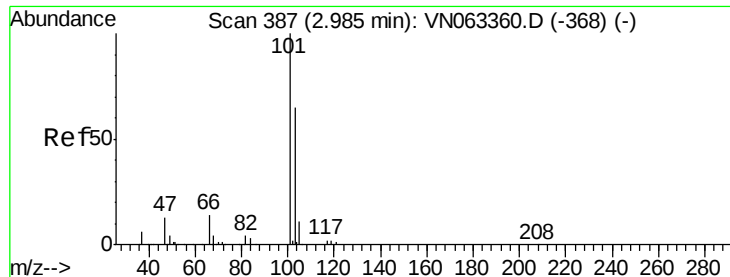
66 35.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



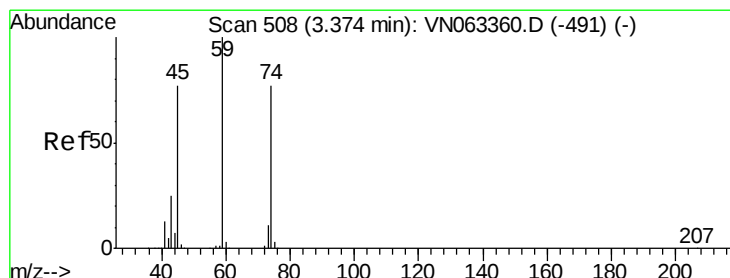
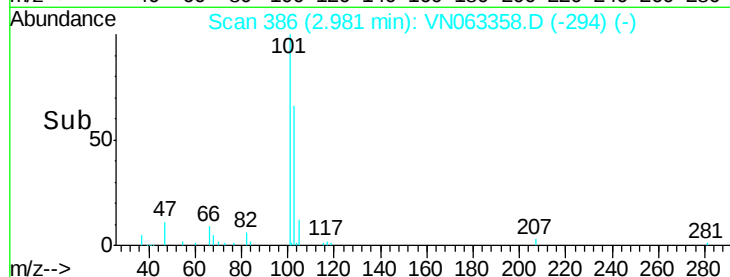
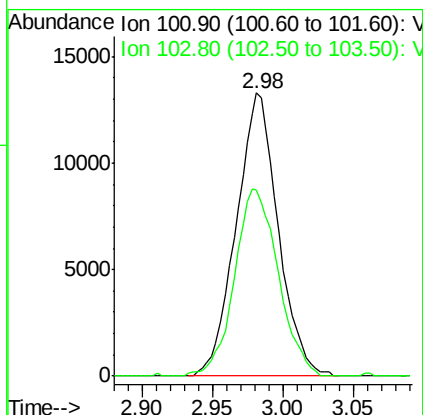
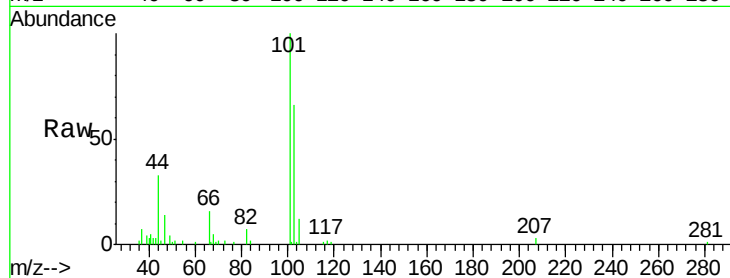


#7

Trichlorofluoromethane
 Concen: 4.835 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

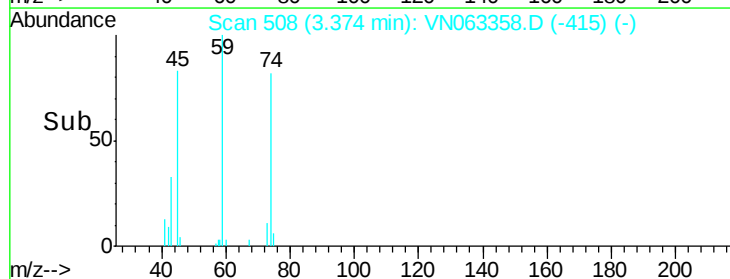
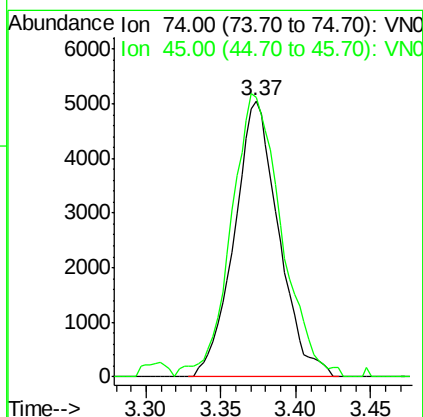
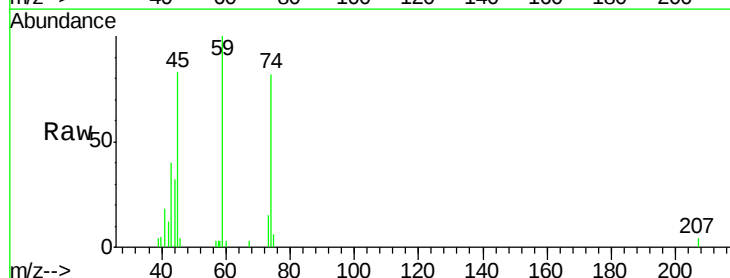
Tgt Ion: 101 Resp: 27626
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.3 78.5

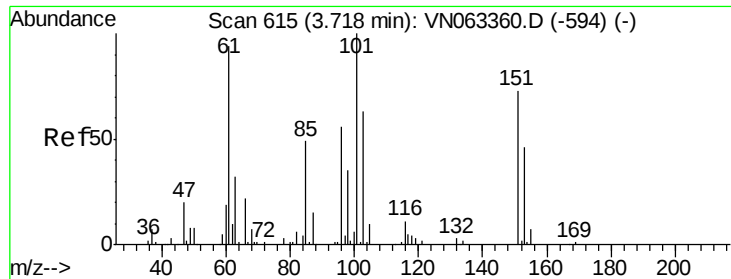


#8

Diethyl Ether
 Concen: 5.016 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 74 Resp: 10437
 Ion Ratio Lower Upper
 74 100
 45 116.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.522 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

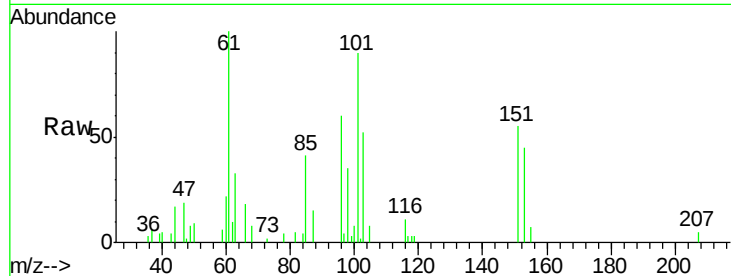
Tgt Ion:101 Resp: 16660

Ion Ratio Lower Upper

101 100

85 25.2 37.7 56.5#

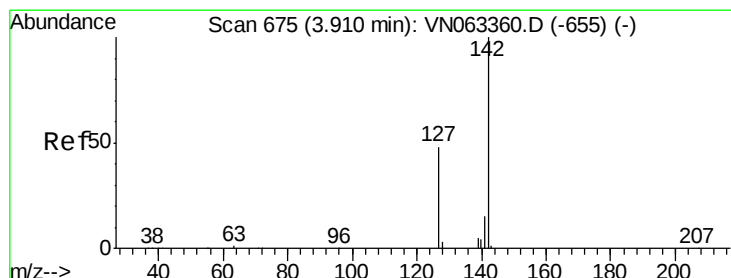
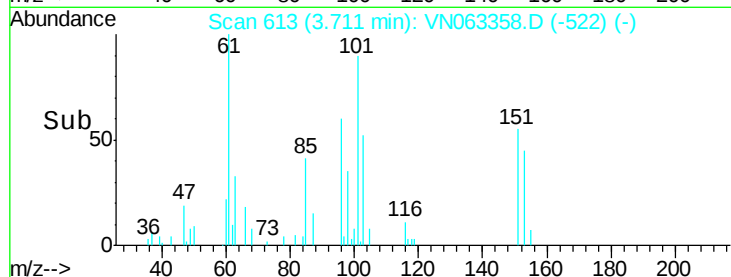
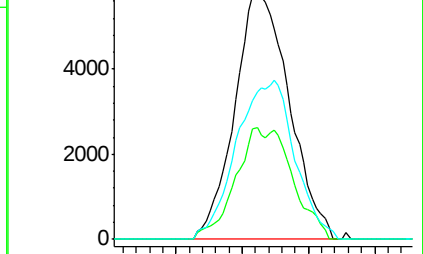
151 68.6 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.388 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

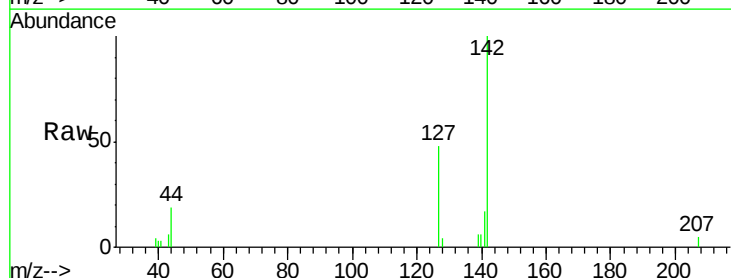
Tgt Ion:142 Resp: 17063

Ion Ratio Lower Upper

142 100

127 47.9 39.0 58.6

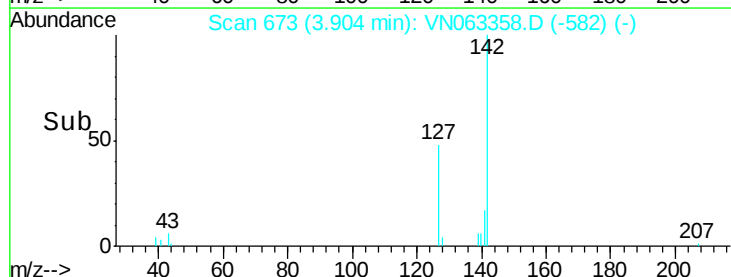
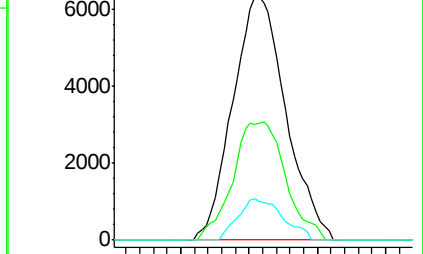
141 14.3 11.6 17.4

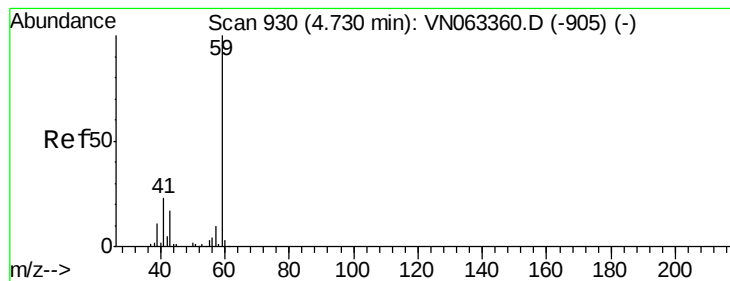


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



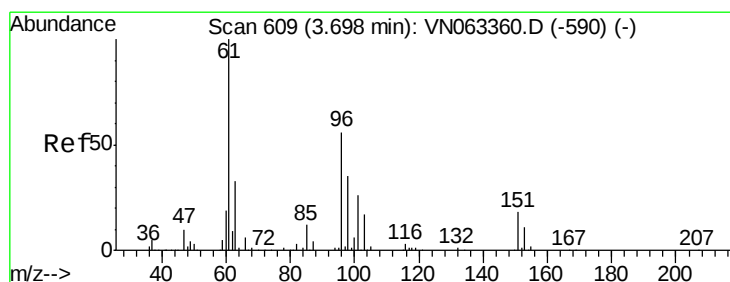
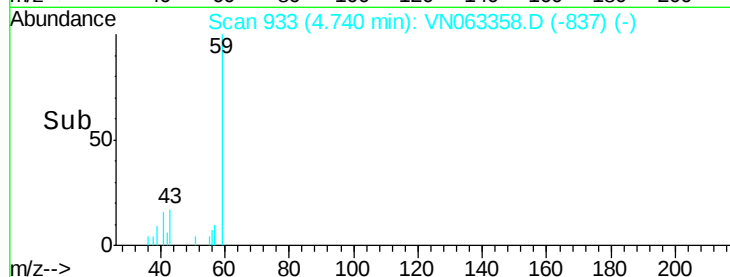
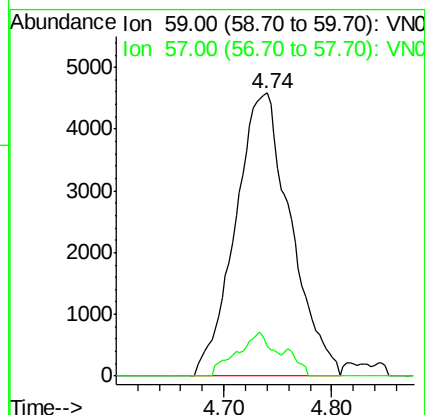
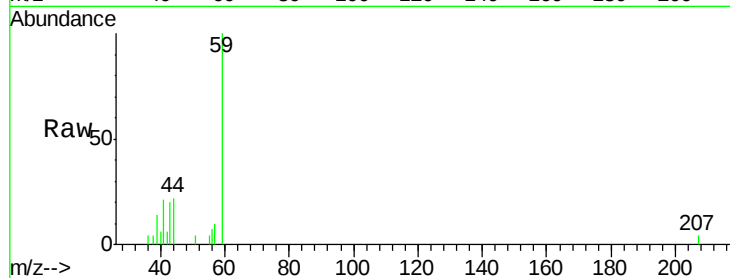


#11

Tert butyl alcohol
 Concen: 28.056 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

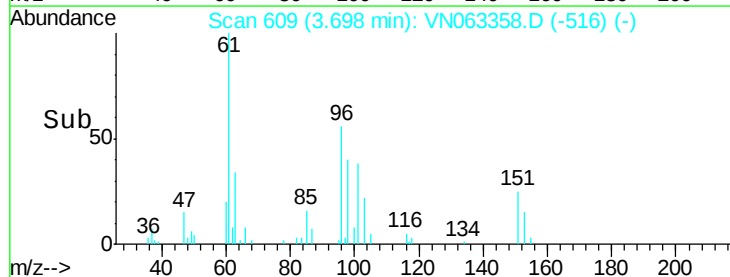
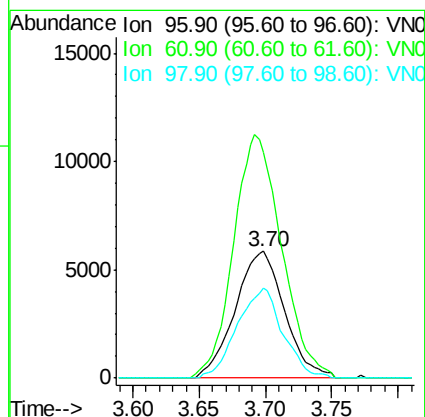
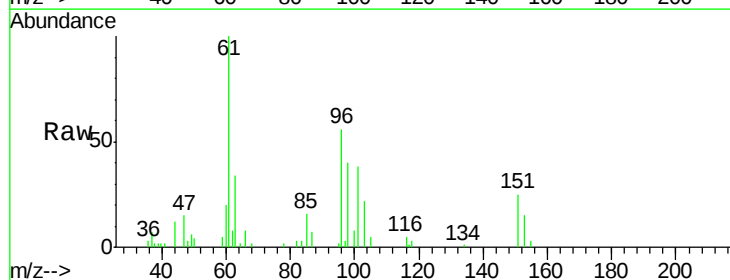
Tgt Ion: 59 Resp: 16314
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

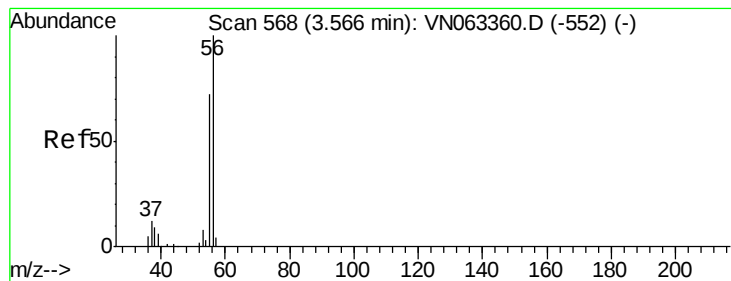


#12

1,1-Dichloroethene
 Concen: 4.995 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 96 Resp: 15119
 Ion Ratio Lower Upper
 96 100
 61 177.8 143.4 215.2
 98 71.1 50.6 76.0





#13

Acrolein

Concen: 2.085 ug/l

RT: 3.56 min Scan# 565

Delta R.T. -0.01 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

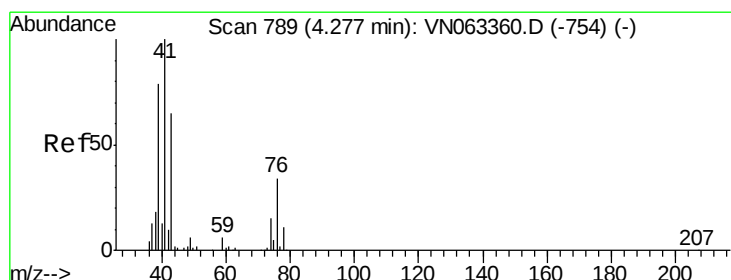
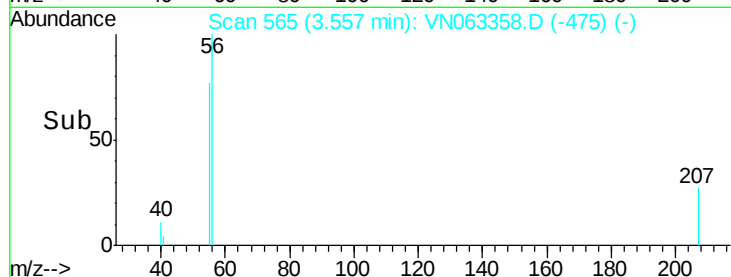
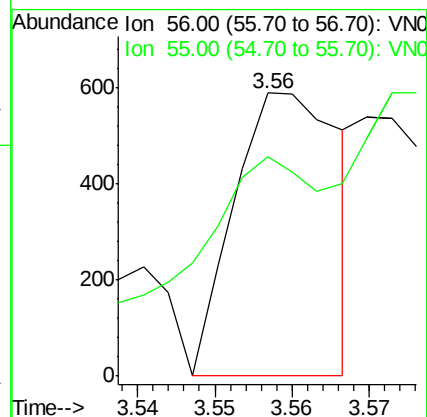
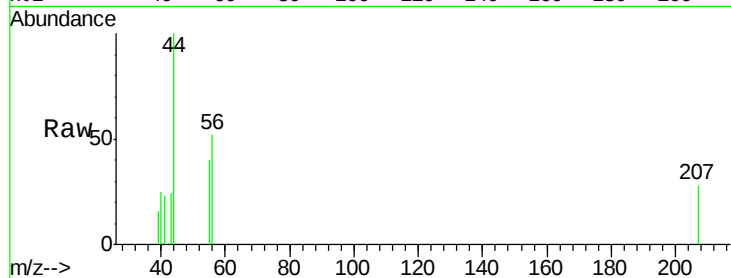
VSTDIC005

Tgt Ion: 56 Resp: 556

Ion Ratio Lower Upper

56 100

55 111.3 58.2 87.2#



#14

Allyl chloride

Concen: 5.252 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

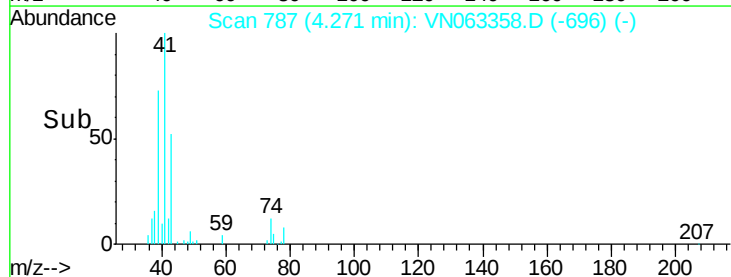
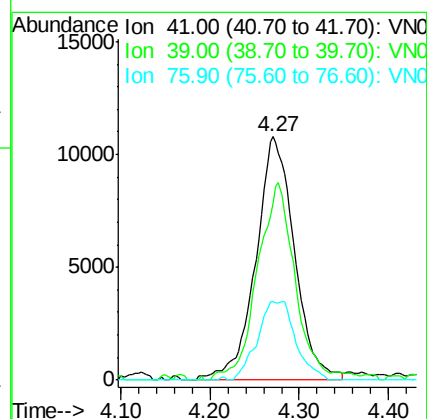
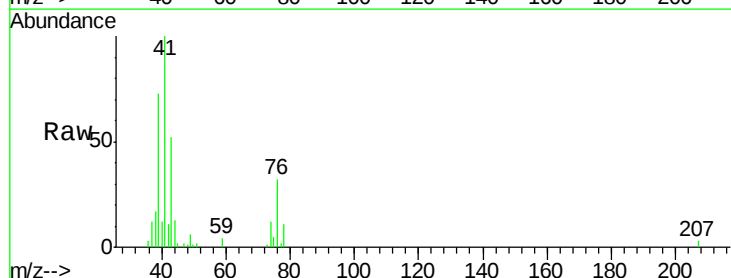
Tgt Ion: 41 Resp: 32567

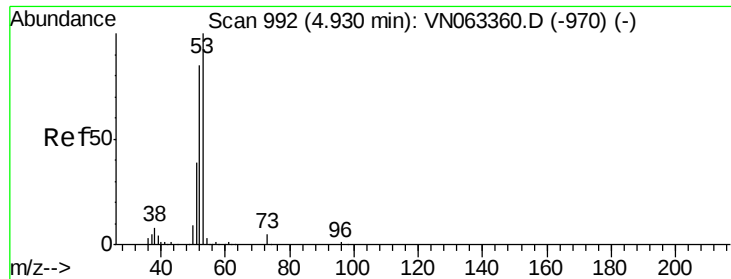
Ion Ratio Lower Upper

41 100

39 77.7 59.3 88.9

76 16.3 25.3 37.9#





#15

Acrylonitrile

Concen: 26.000 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

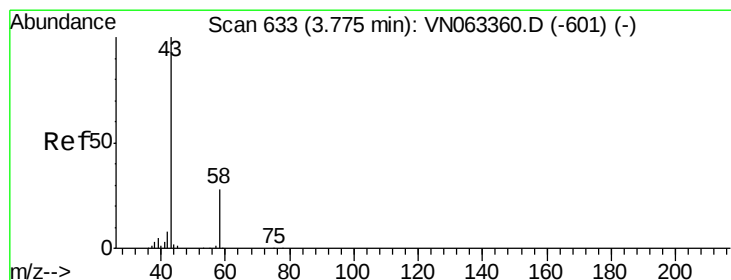
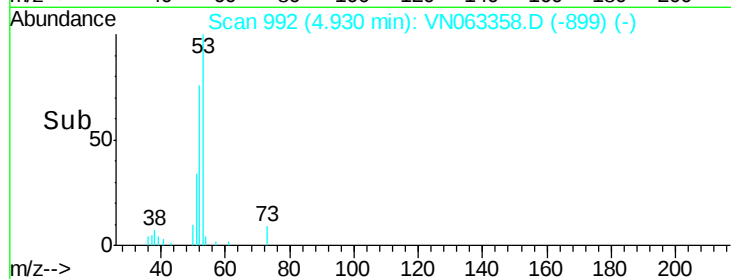
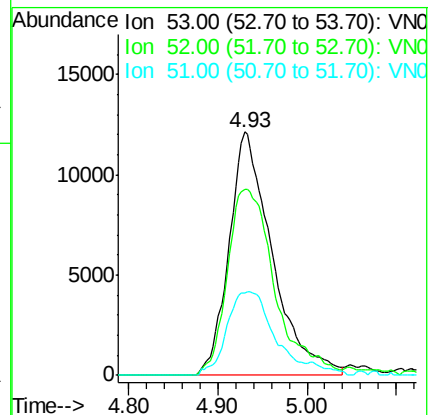
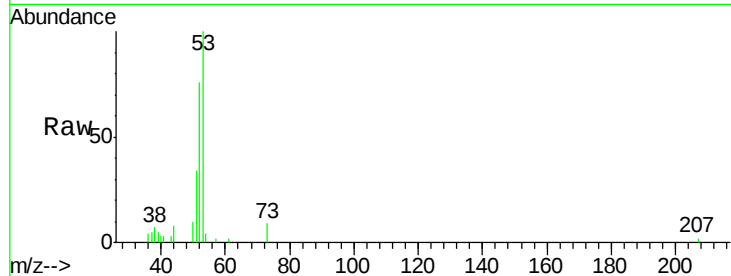
Tgt Ion: 53 Resp: 40809

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 36.9 30.2 45.4



#16

Acetone

Concen: 23.760 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063358.D

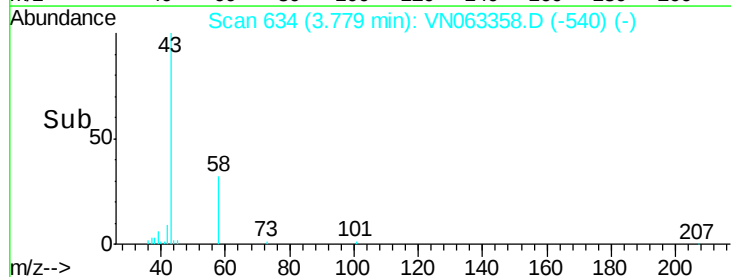
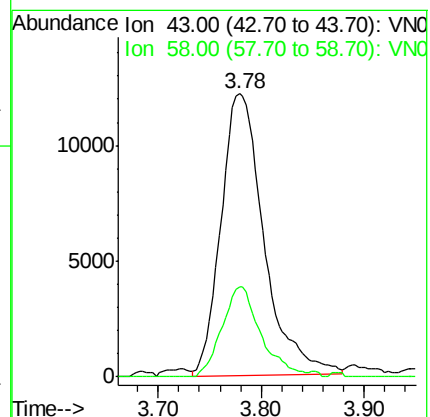
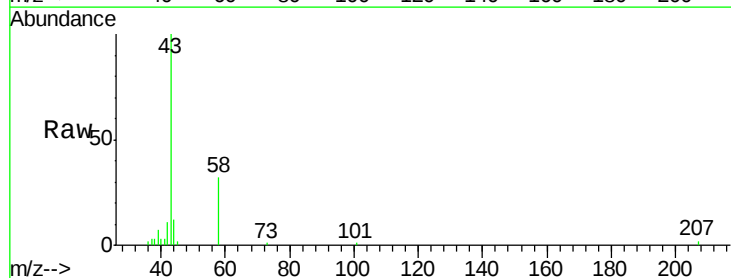
Acq: 16 Sep 2020 11:08

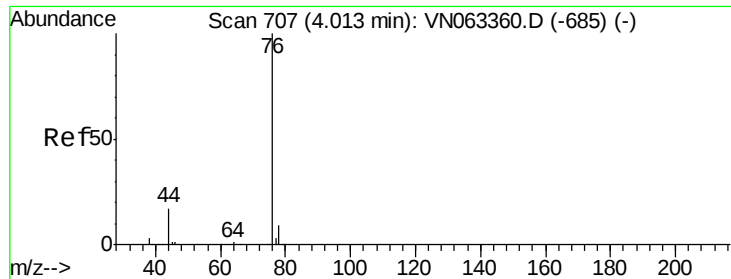
Tgt Ion: 43 Resp: 35377

Ion Ratio Lower Upper

43 100

58 32.5 22.3 33.5

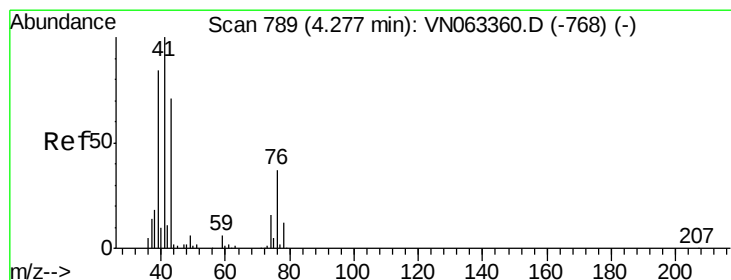
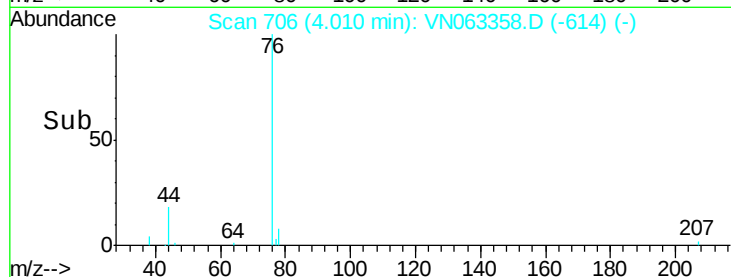
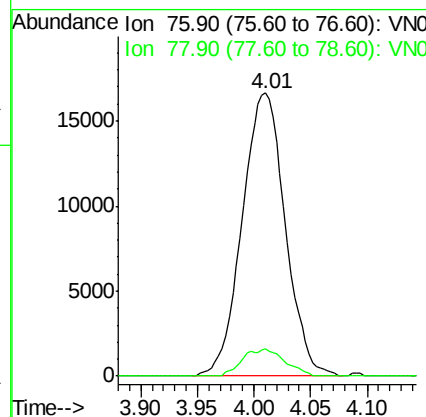
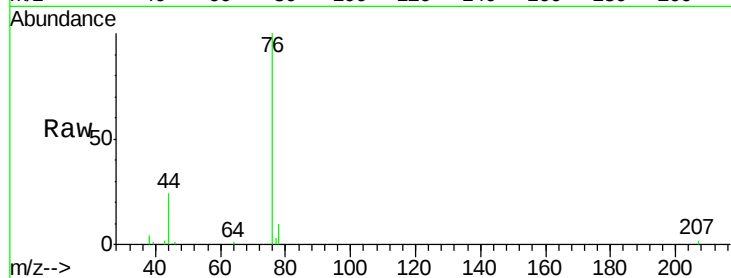




#17
Carbon Disulfide
Concen: 4.713 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

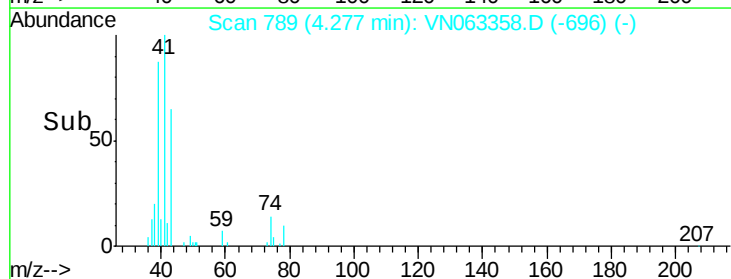
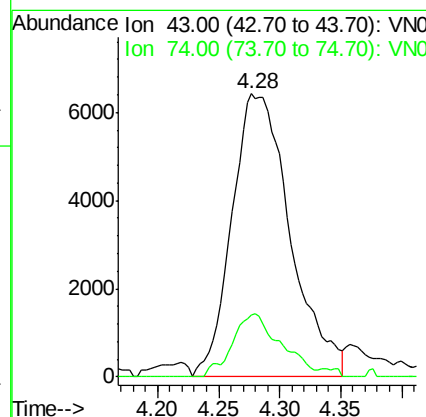
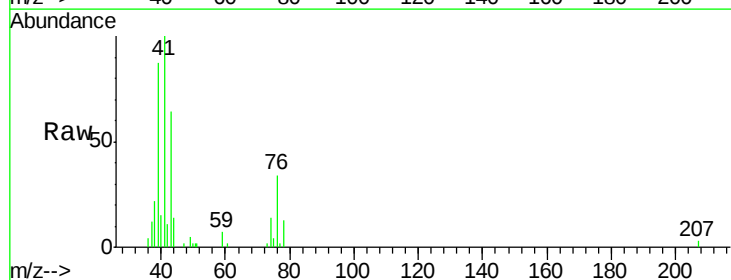
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

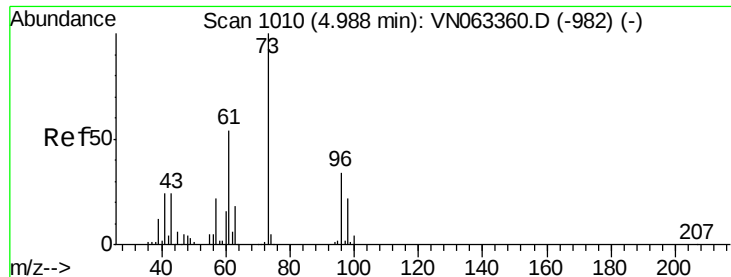
Tgt Ion: 76 Resp: 44099
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 5.686 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 43 Resp: 21359
Ion Ratio Lower Upper
43 100
74 18.5 17.4 26.2

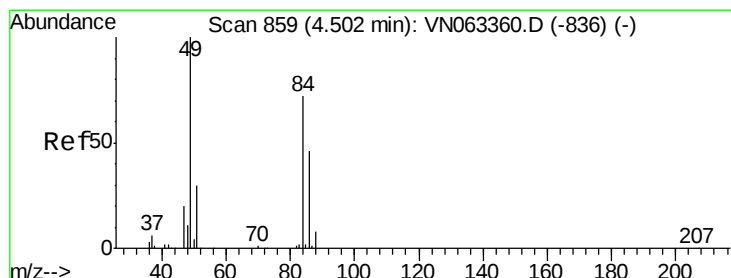
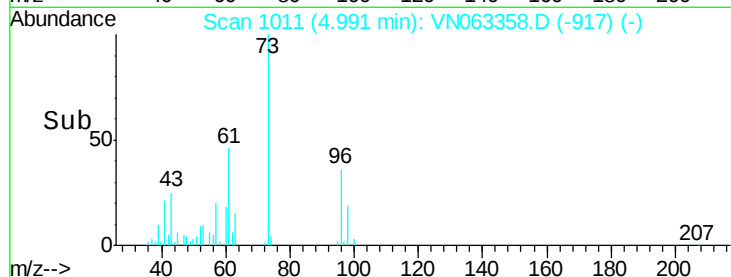
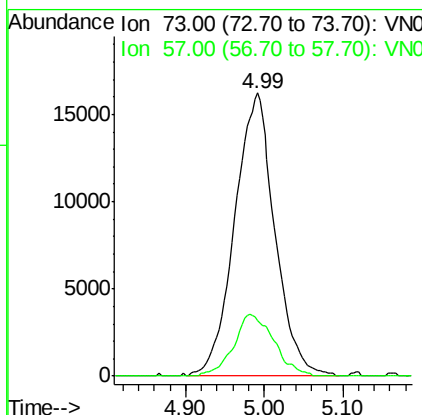
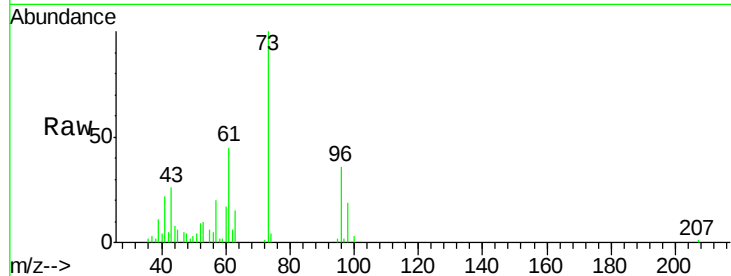




#19
Methyl tert-butyl Ether
Concen: 5.367 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

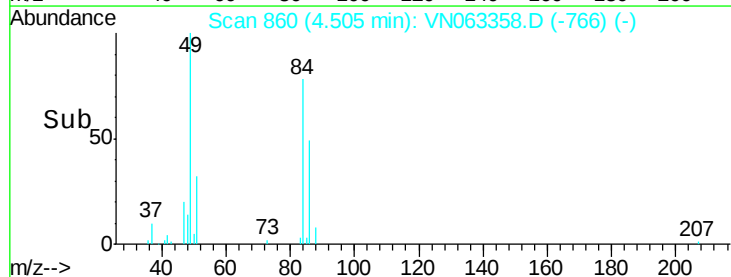
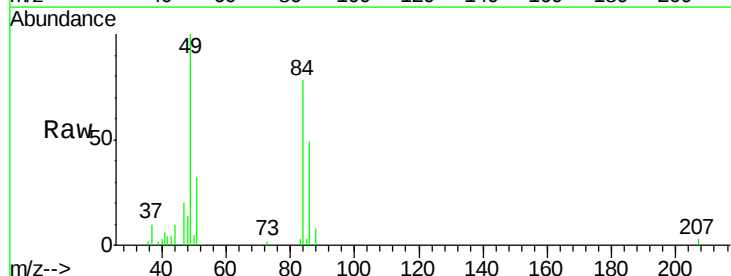
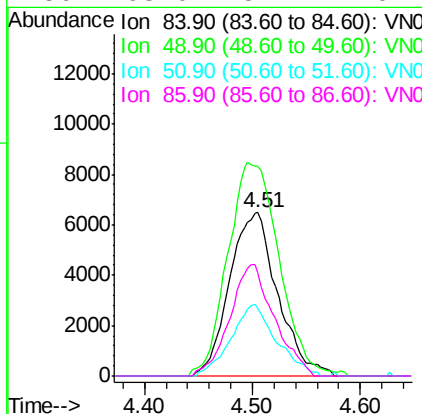
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

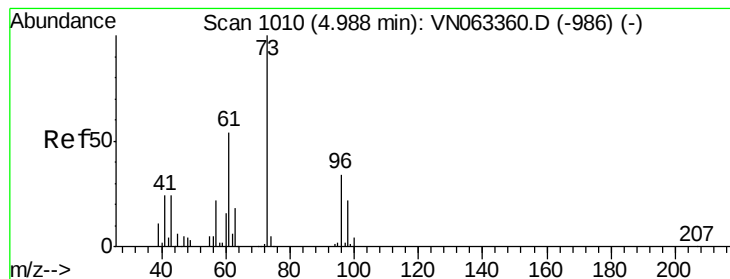
Tgt Ion: 73 Resp: 58134
Ion Ratio Lower Upper
73 100
57 19.8 17.9 26.9



#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 84 Resp: 20082
Ion Ratio Lower Upper
84 100
49 128.6 110.7 166.1
51 41.6 32.9 49.3
86 63.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 5.224 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

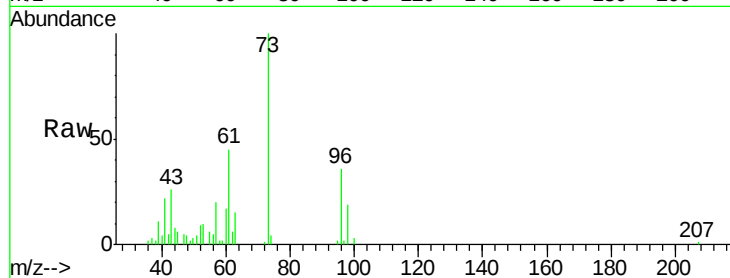
Tgt Ion: 96 Resp: 17664

Ion Ratio Lower Upper

96 100

61 122.1 126.2 189.4#

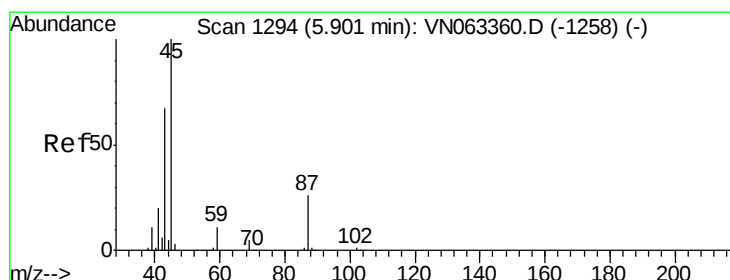
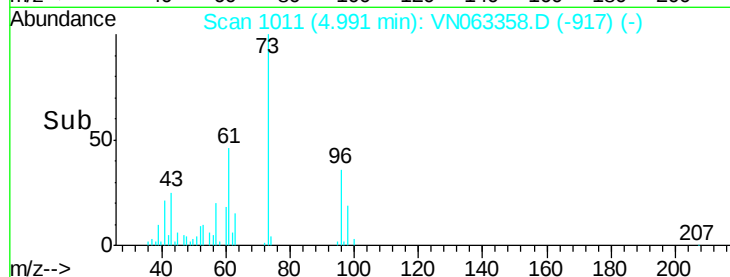
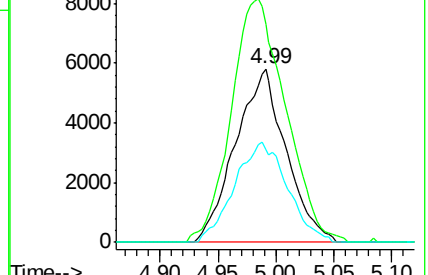
98 53.6 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 5.293 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Tgt Ion: 45 Resp: 64164

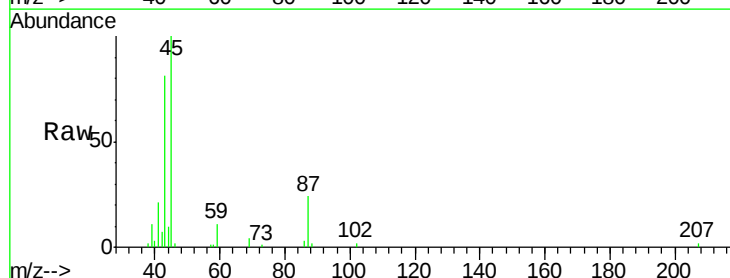
Ion Ratio Lower Upper

45 100

43 76.6 53.5 80.3

87 24.0 21.2 31.8

59 10.8 8.8 13.2

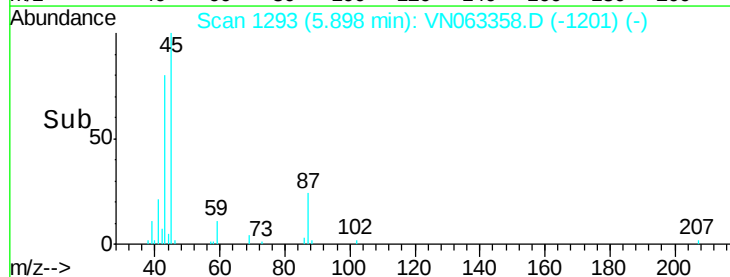
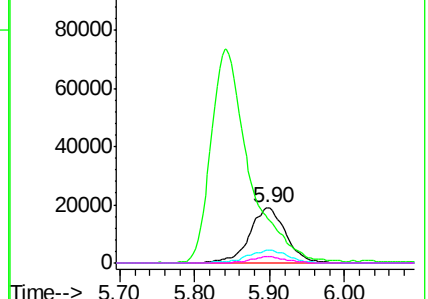


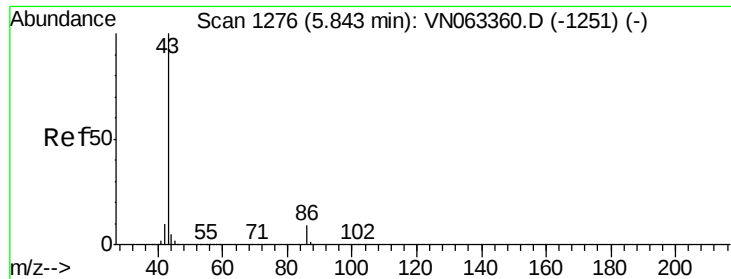
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)





#23

Vinyl Acetate

Concen: 27.276 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

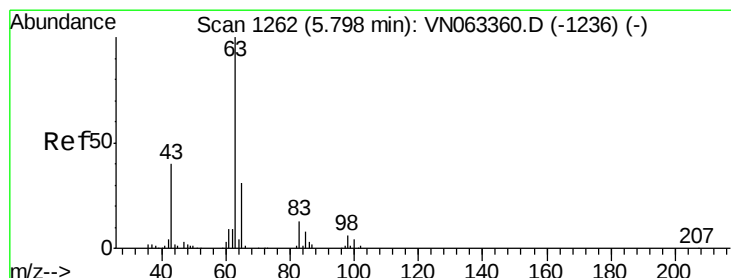
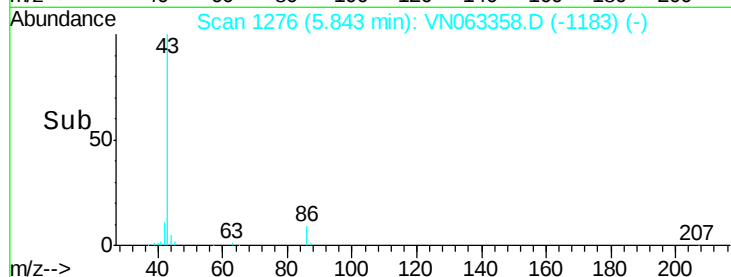
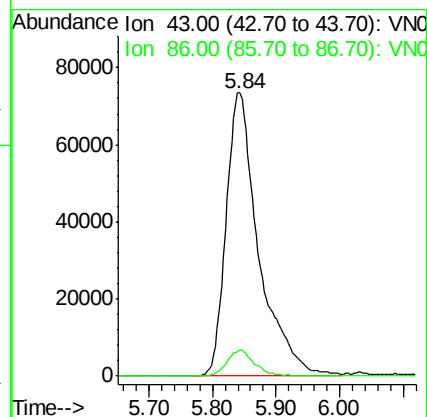
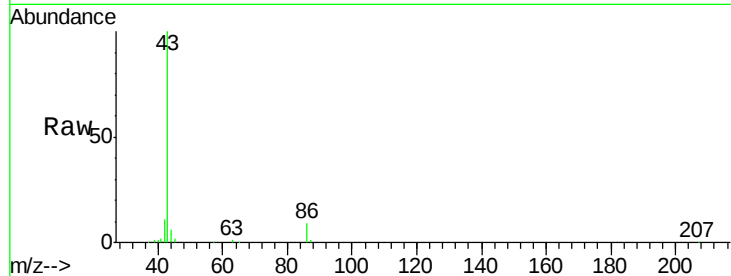
VSTDIC005

Tgt Ion: 43 Resp: 261698

Ion Ratio Lower Upper

43 100

86 9.4 7.1 10.7



#24

1,1-Dichloroethane

Concen: 5.257 ug/l

RT: 5.79 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

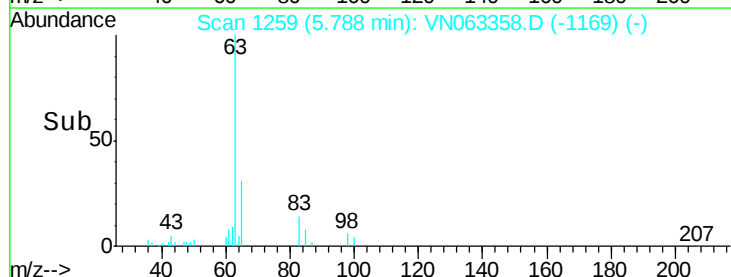
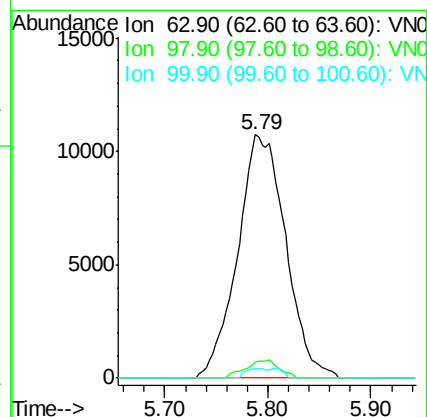
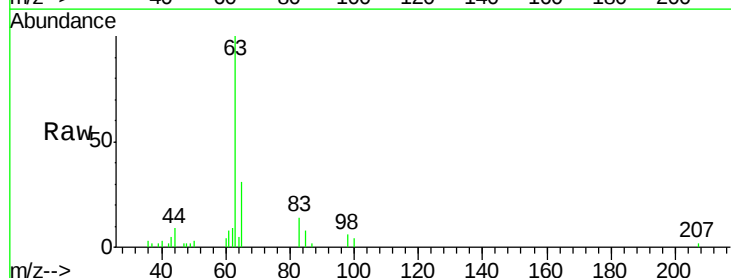
Tgt Ion: 63 Resp: 34809

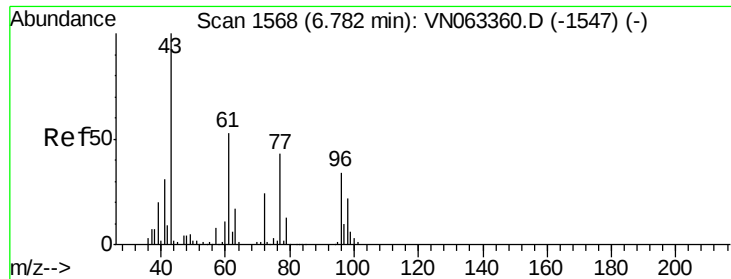
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.8 2.1 6.3

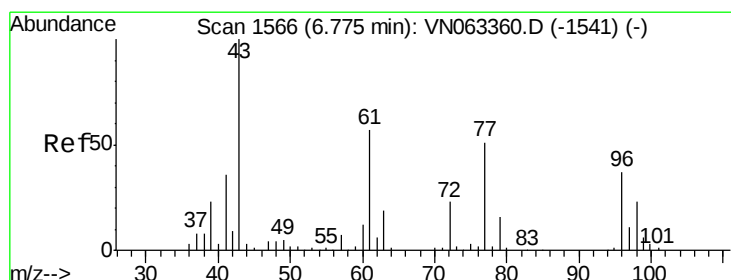
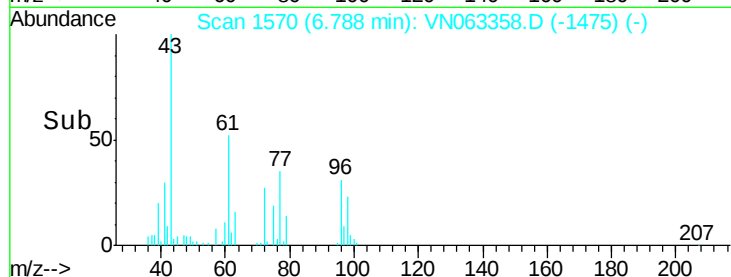
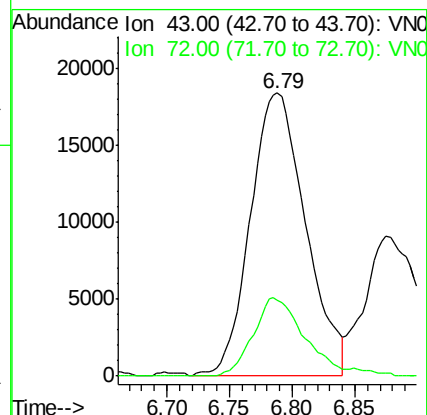
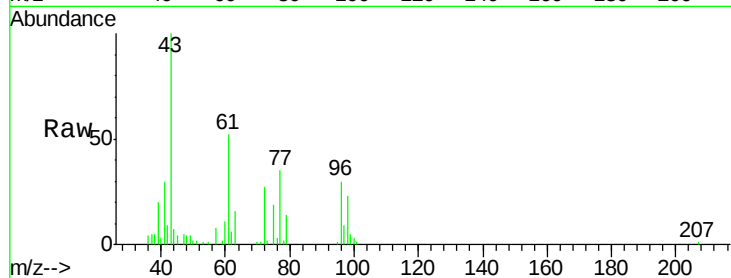




#25
2-Butanone
Concen: 25.532 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

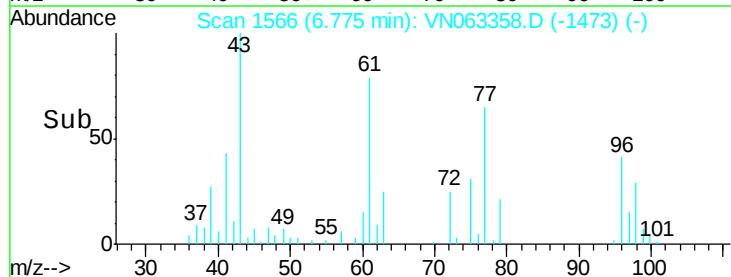
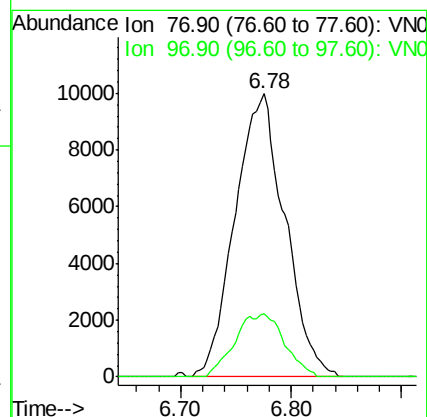
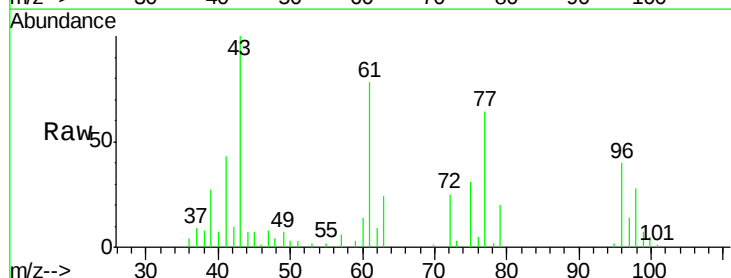
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

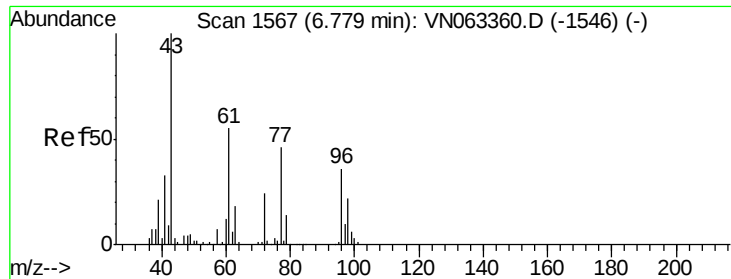
Tgt Ion: 43 Resp: 56394
Ion Ratio Lower Upper
43 100
72 26.9 19.2 28.8



#26
2,2-Dichloropropane
Concen: 5.399 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 77 Resp: 31247
Ion Ratio Lower Upper
77 100
97 9.2 10.5 31.6#

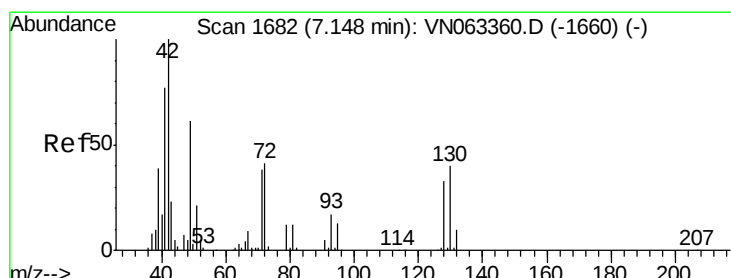
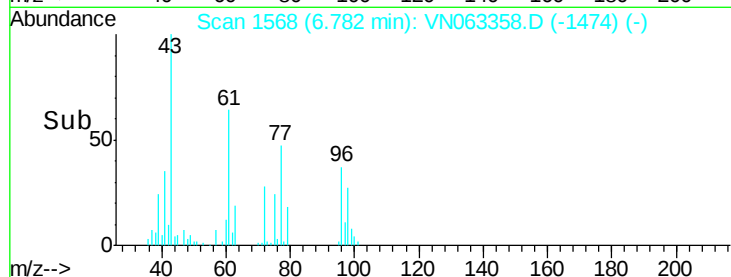
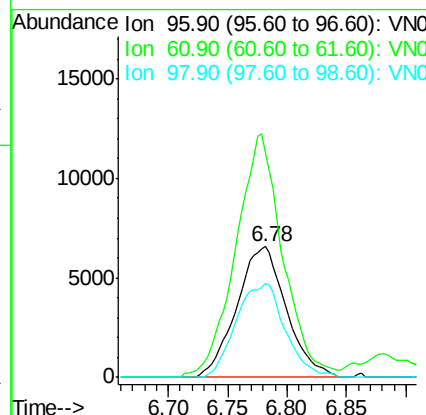
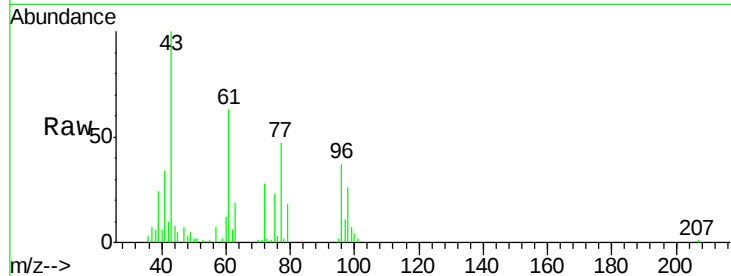




#27
 cis-1,2-Dichloroethene
 Concen: 4.824 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

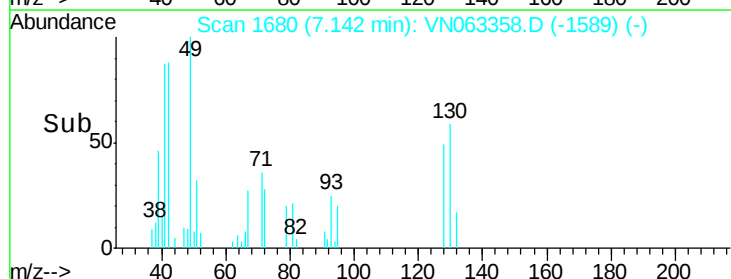
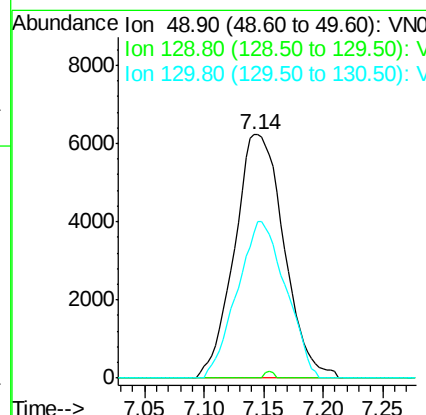
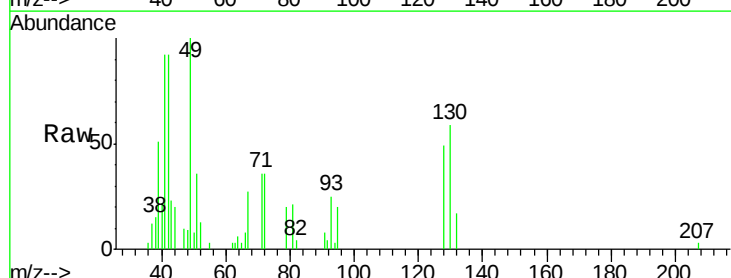
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

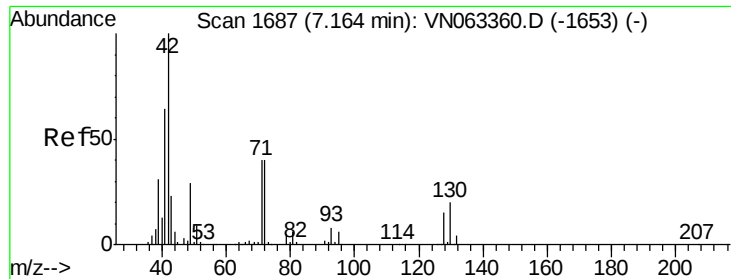
Tgt Ion: 96 Resp: 19005
 Ion Ratio Lower Upper
 96 100
 61 176.1 0.0 319.6
 98 70.6 0.0 127.8



#28
 Bromochloromethane
 Concen: 5.637 ug/l
 RT: 7.14 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 49 Resp: 17924
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.8
 130 63.1 52.2 78.2

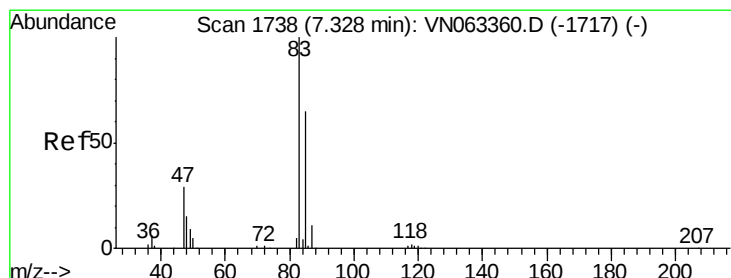
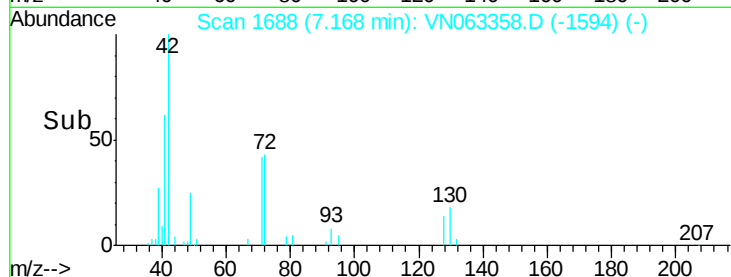
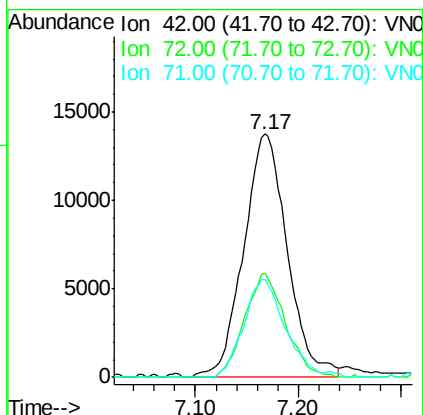
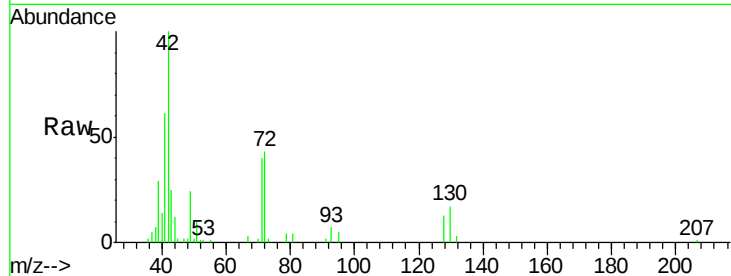




#29
Tetrahydrofuran
Concen: 28.204 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

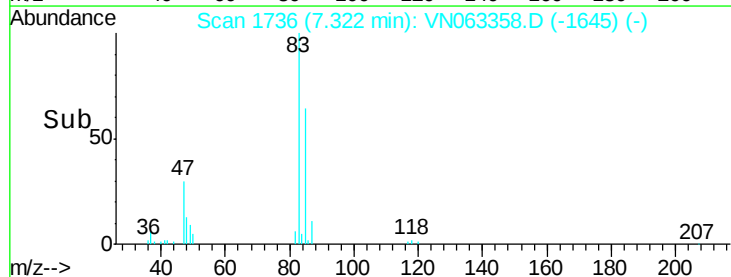
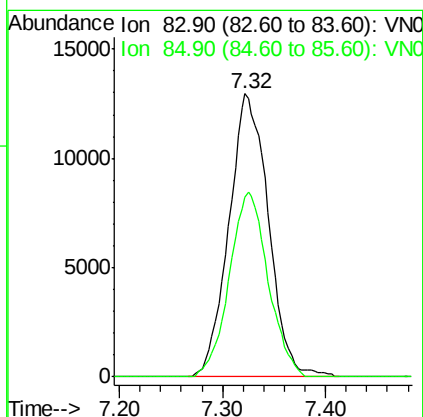
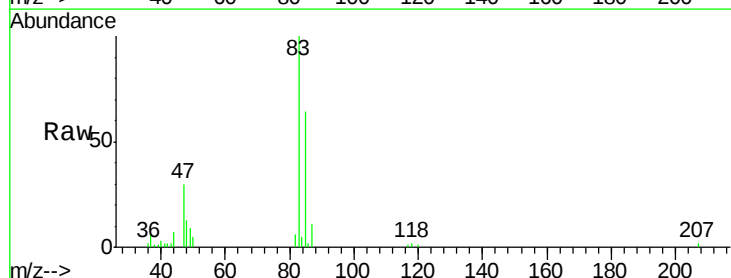
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

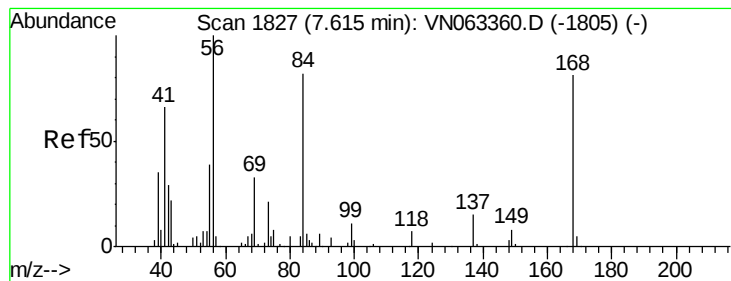
Tgt Ion: 42 Resp: 40579
Ion Ratio Lower Upper
42 100
72 39.6 32.1 48.1
71 37.7 31.2 46.8



#30
Chloroform
Concen: 5.232 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 83 Resp: 34560
Ion Ratio Lower Upper
83 100
85 63.6 52.1 78.1





#31

Cyclohexane

Concen: 6.493 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

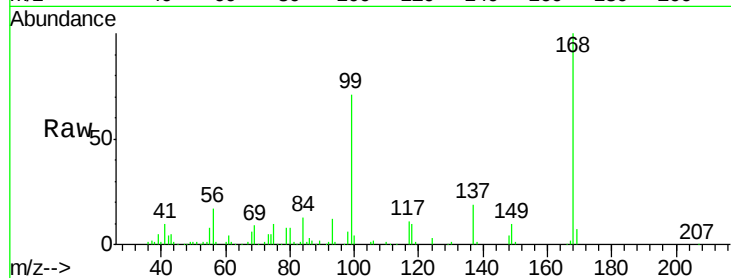
Tgt Ion: 56 Resp: 39490

Ion Ratio Lower Upper

56 100

69 51.2 26.1 39.1#

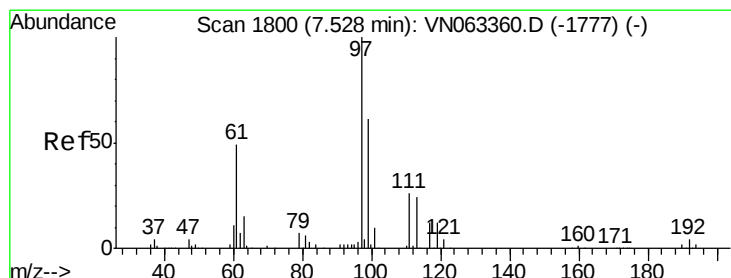
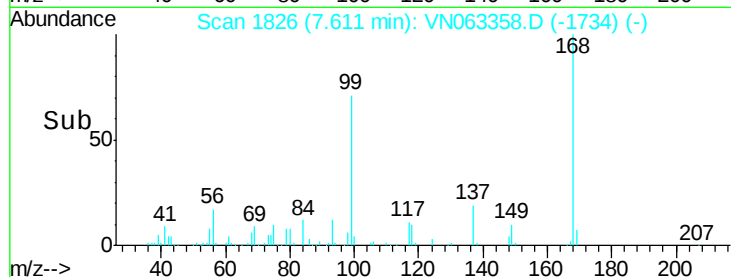
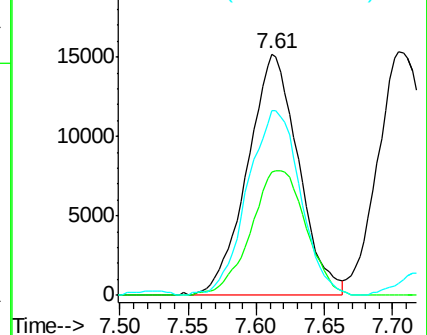
84 75.2 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063358.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063358.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063358.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 5.276 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

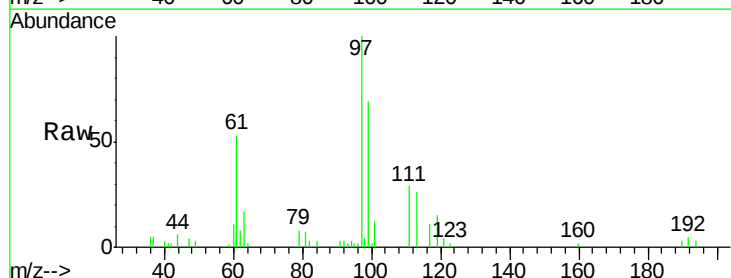
Tgt Ion: 97 Resp: 30488

Ion Ratio Lower Upper

97 100

99 66.6 50.6 76.0

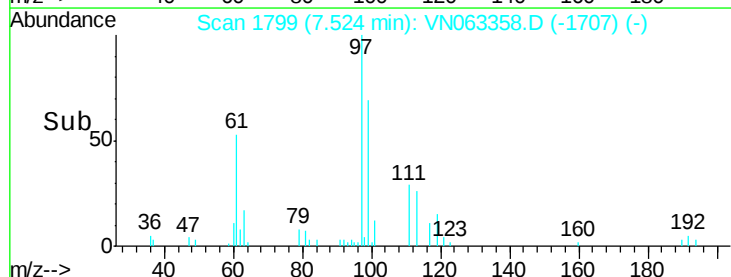
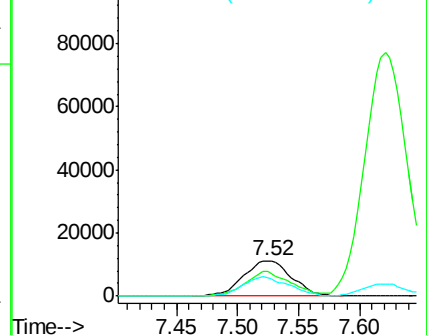
61 52.3 39.2 58.8

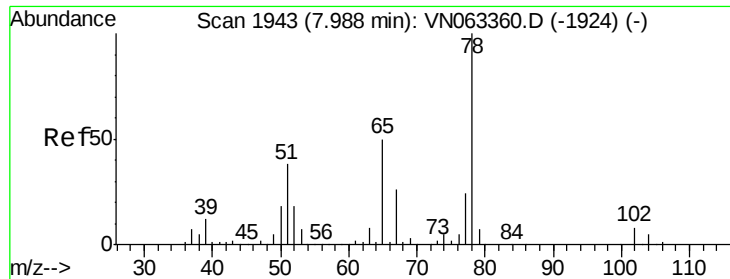


Abundance Ion 96.90 (96.60 to 97.60): VN063358.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063358.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063358.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 5.534 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

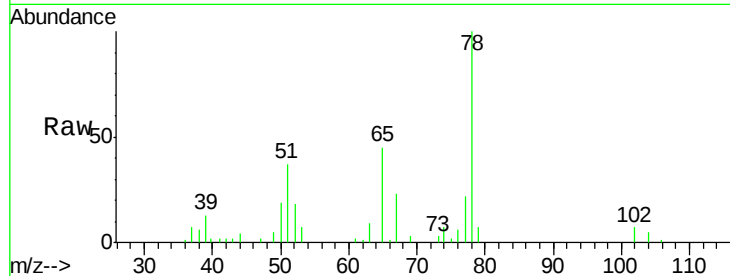
VSTDIC005

Tgt Ion: 65 Resp: 24024

Ion Ratio Lower Upper

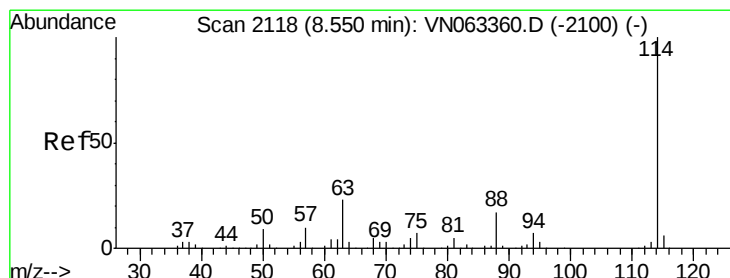
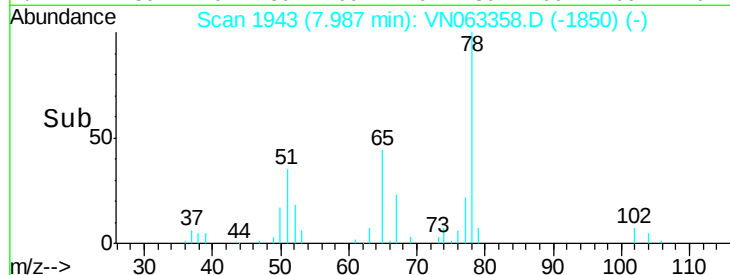
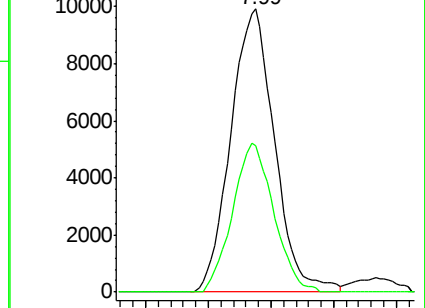
65 100

67 49.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

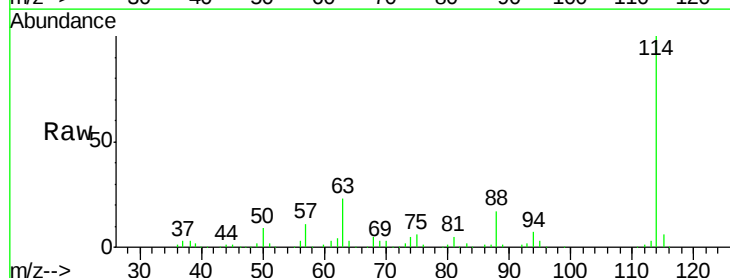
Tgt Ion: 114 Resp: 472696

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

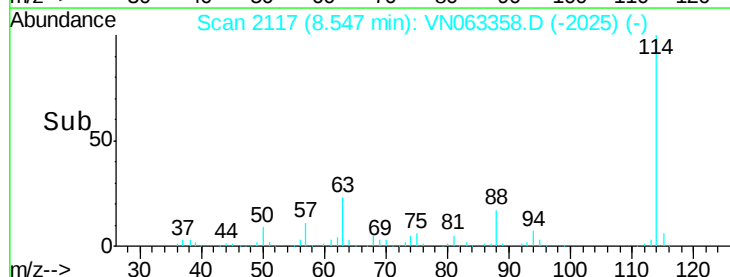
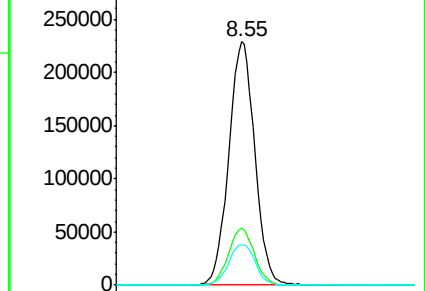
88 16.6 0.0 33.2

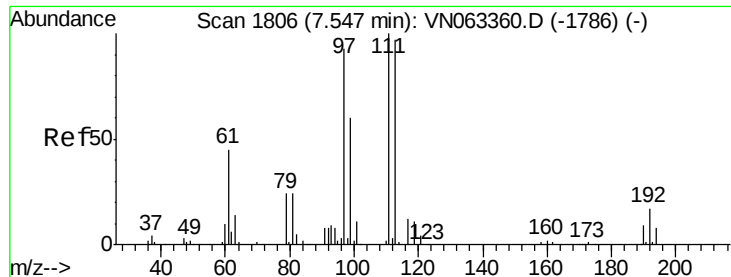


Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

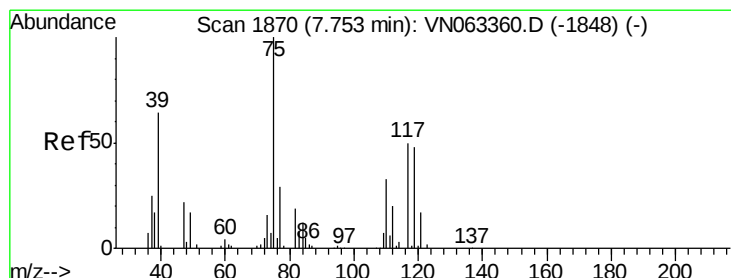
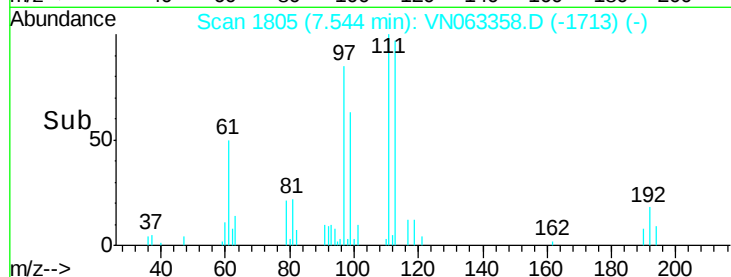
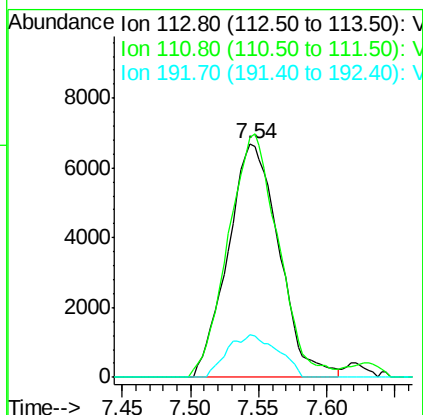
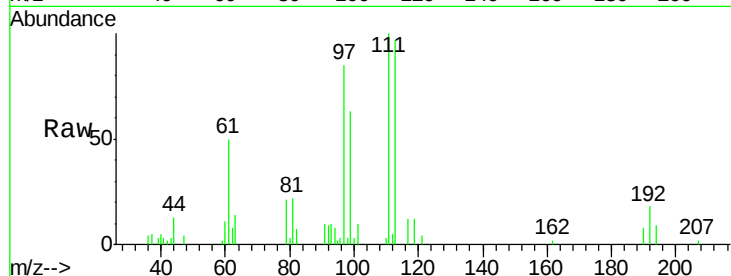




#35
 Dibromofluoromethane
 Concen: 5.686 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

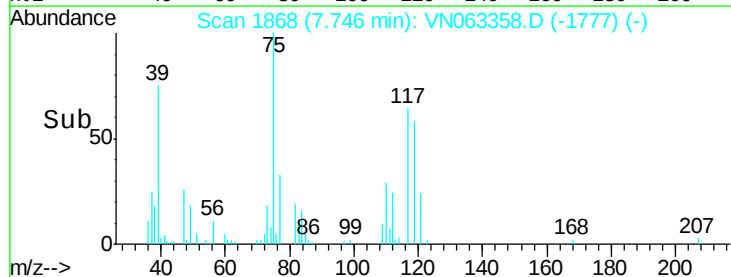
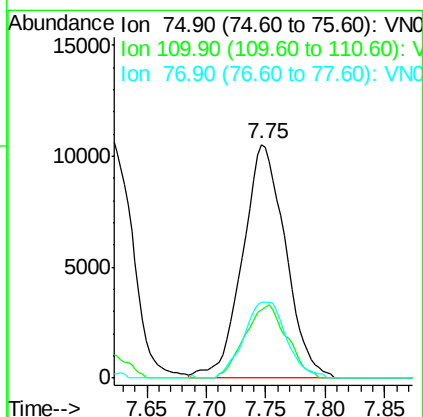
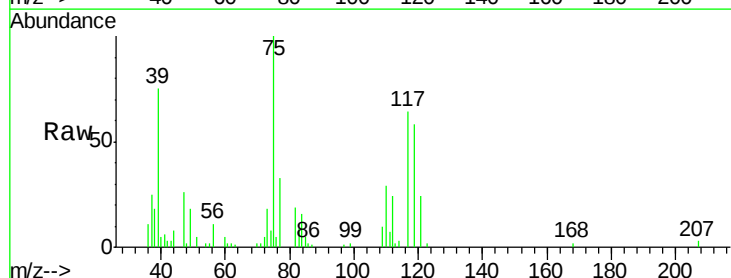
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

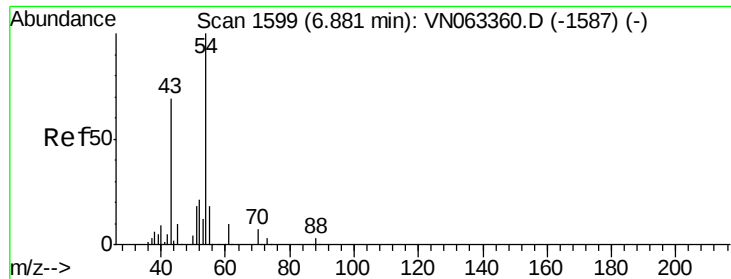
Tgt Ion: 113 Resp: 17422
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 17.9 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 5.374 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 75 Resp: 26346
 Ion Ratio Lower Upper
 75 100
 110 30.6 16.5 49.5
 77 32.4 24.6 36.8

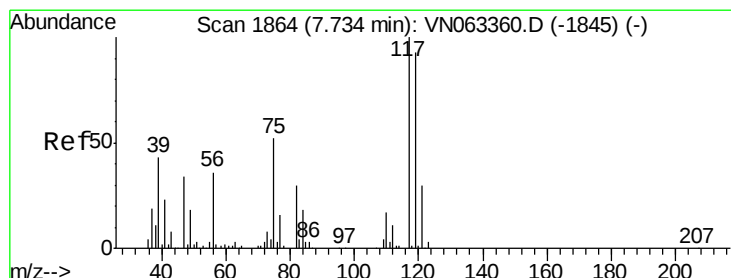
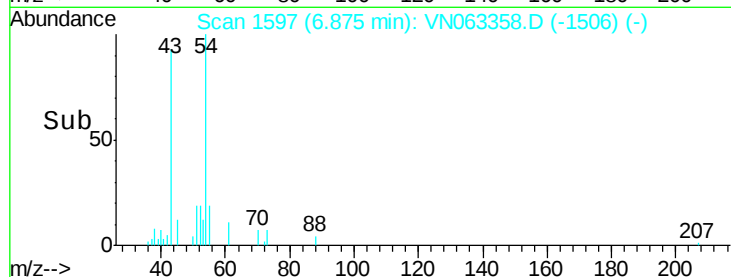
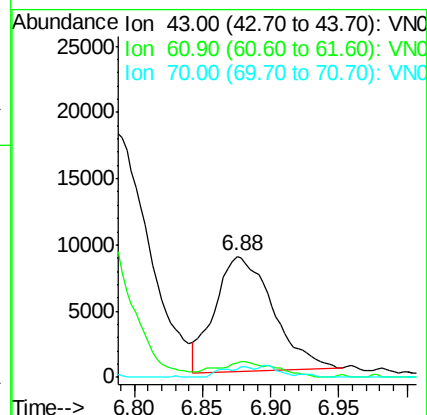
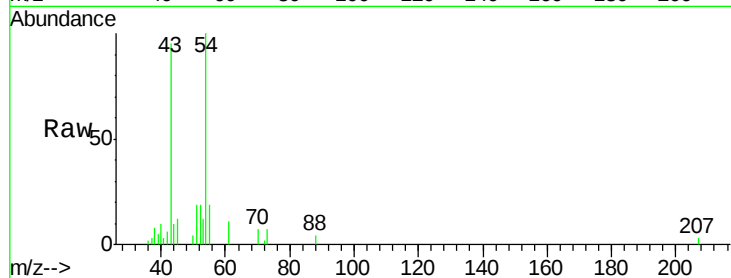




#37
Ethyl Acetate
Concen: 5.304 ug/l
RT: 6.88 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

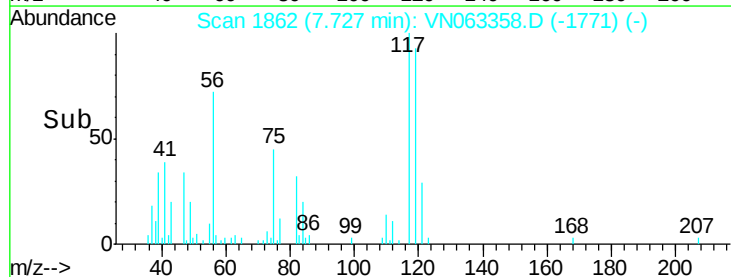
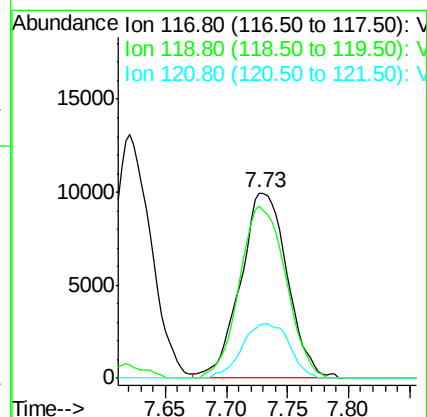
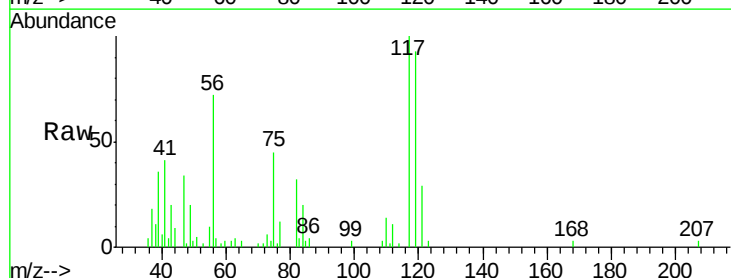
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

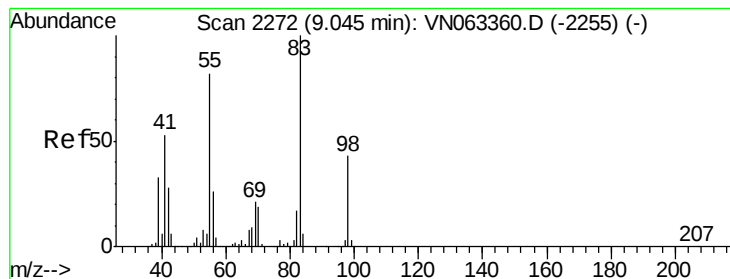
Tgt Ion: 43 Resp: 25671
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 2.7 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 117 Resp: 26452
Ion Ratio Lower Upper
117 100
119 92.9 74.5 111.7
121 28.6 24.1 36.1





#39

Methylcyclohexane

Concen: 5.305 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

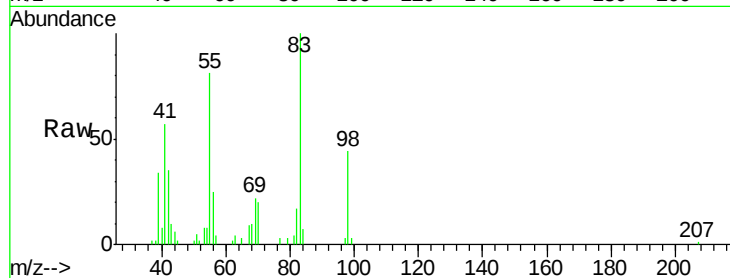
Tgt Ion: 83 Resp: 28346

Ion Ratio Lower Upper

83 100

55 80.0 65.5 98.3

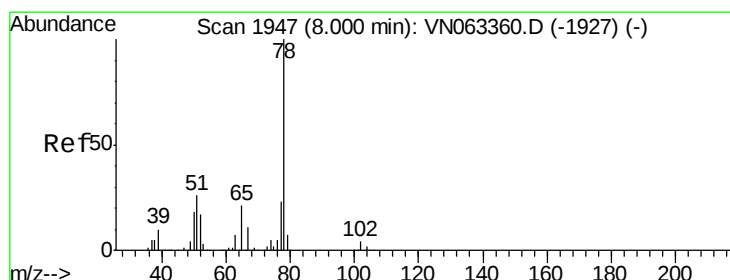
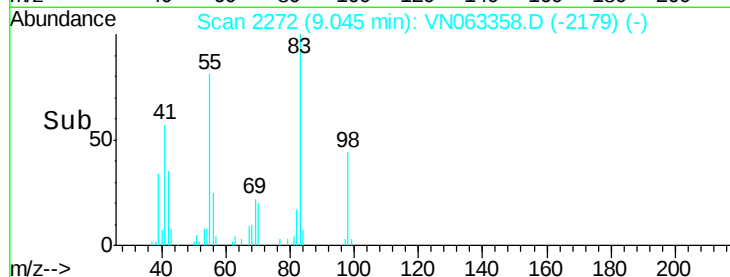
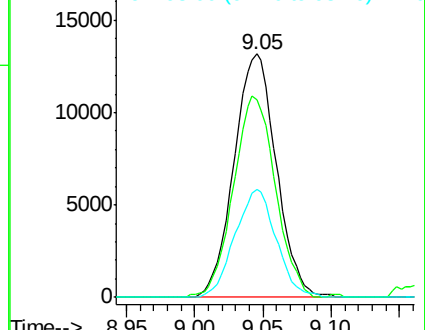
98 44.4 34.2 51.4



Abundance Ion 83.00 (82.70 to 83.70): VN063360.D (-2255) (-)

Ion 55.00 (54.70 to 55.70): VN063360.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN063360.D (-2255) (-)



#40

Benzene

Concen: 5.324 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN063358.D

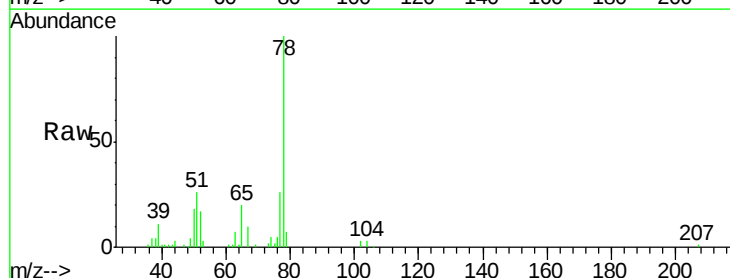
Acq: 16 Sep 2020 11:08

Tgt Ion: 78 Resp: 74424

Ion Ratio Lower Upper

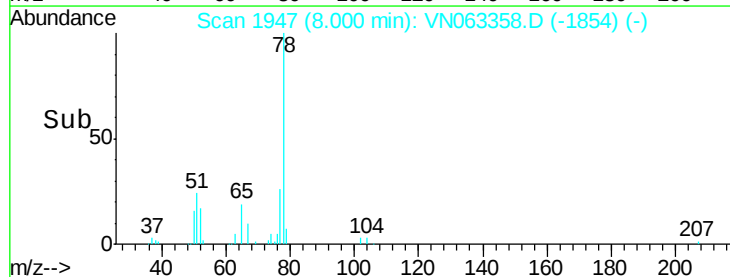
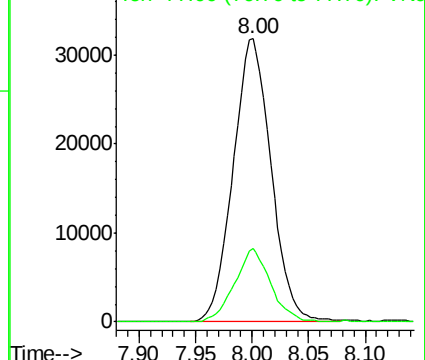
78 100

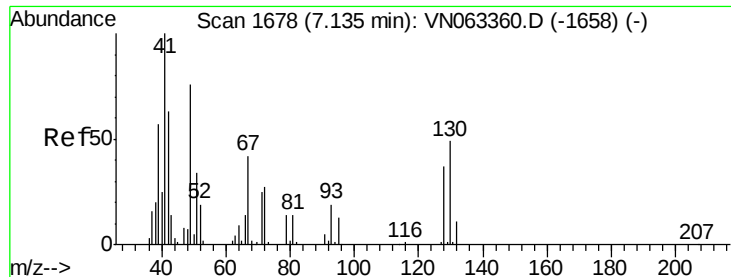
77 26.0 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN063360.D (-1927) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-1927) (-)

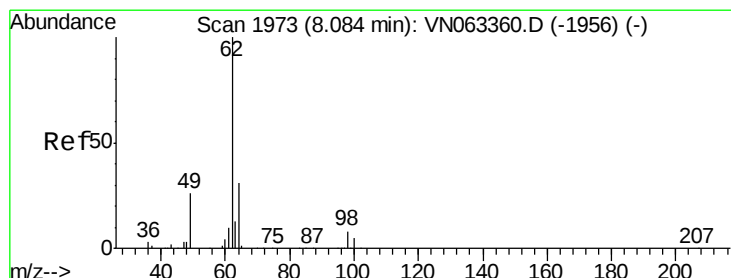
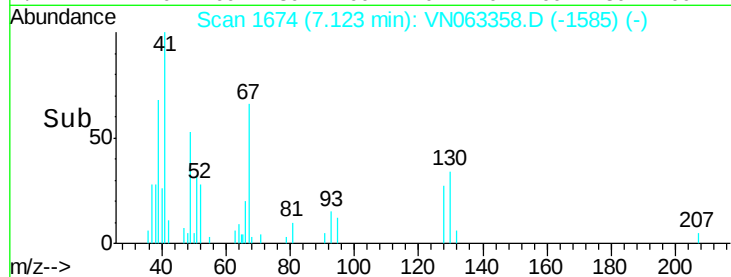
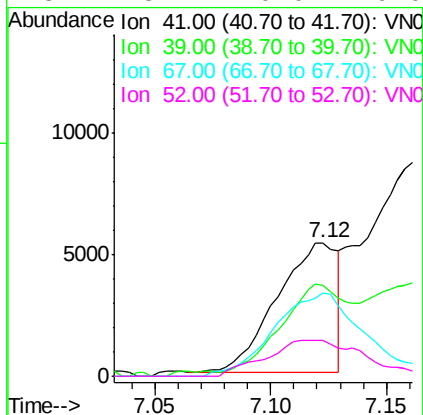
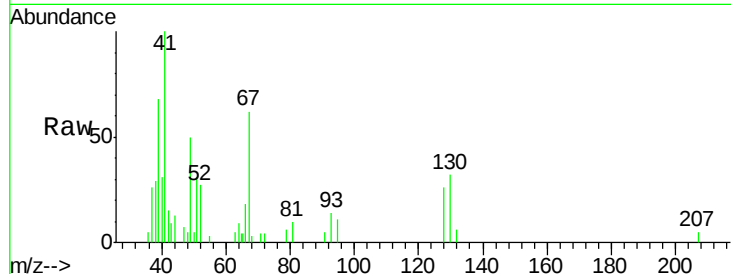




#41
Methacrylonitrile
Concen: 4.401 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

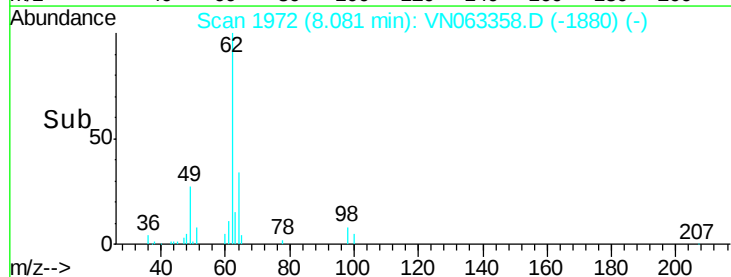
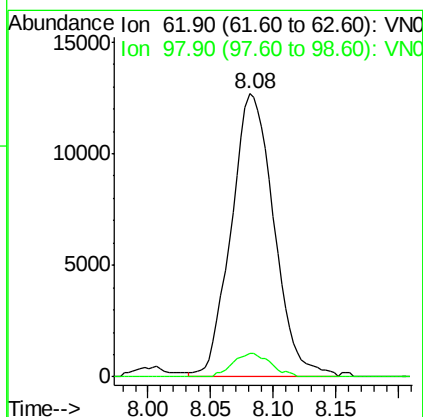
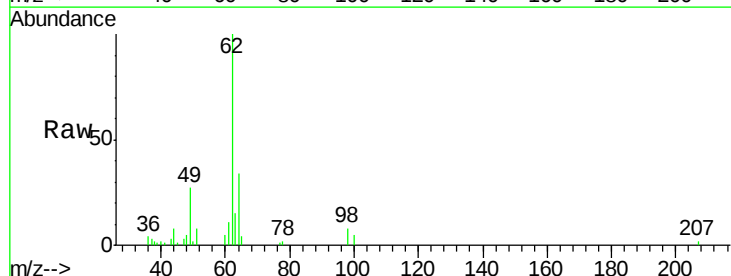
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

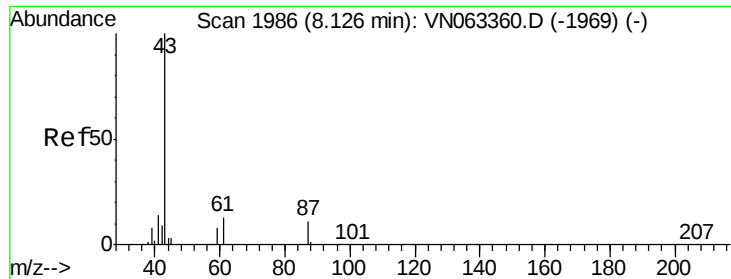
Tgt Ion:	41	Resp:	9695
Ion	Ratio	Lower	Upper
41	100		
39	72.2	0.0	0.0#
67	96.6	0.0	0.0#
52	45.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.605 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion:	62	Resp:	30025
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.6





#43

Isopropyl Acetate

Concen: 5.196 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

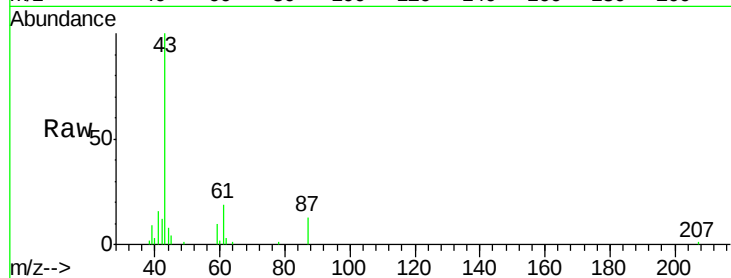
Tgt Ion: 43 Resp: 42653

Ion Ratio Lower Upper

43 100

61 20.6 14.2 21.2

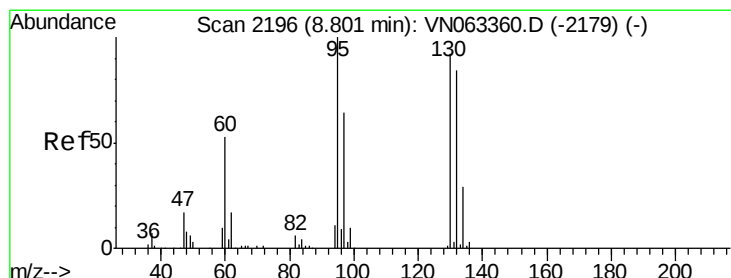
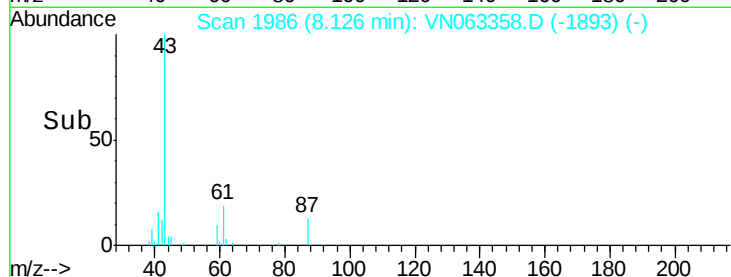
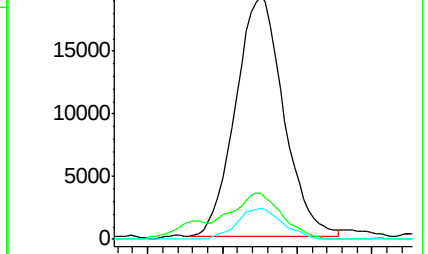
87 12.3 9.0 13.6



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) (-)



#44

Trichloroethene

Concen: 4.833 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063358.D

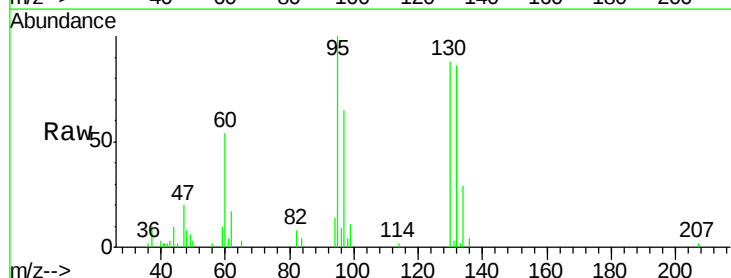
Acq: 16 Sep 2020 11:08

Tgt Ion: 130 Resp: 17403

Ion Ratio Lower Upper

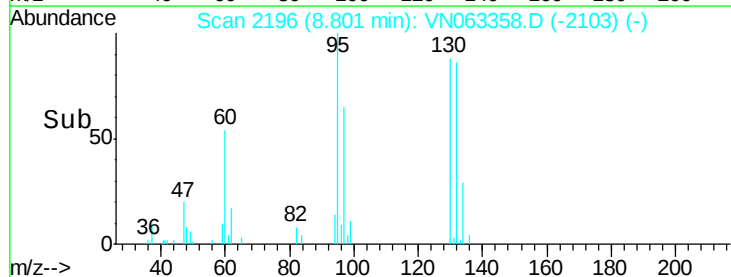
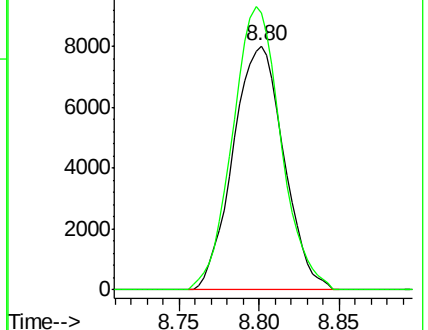
130 100

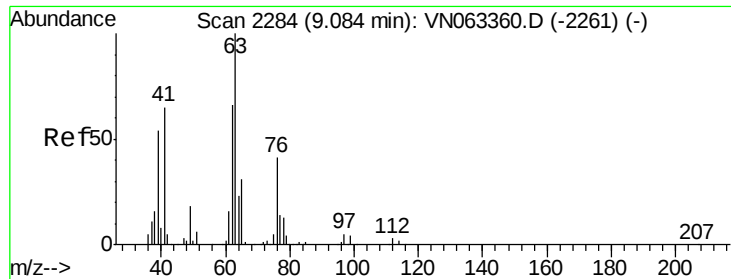
95 113.6 0.0 217.4



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

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





#45

1,2-Dichloropropane

Concen: 5.149 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

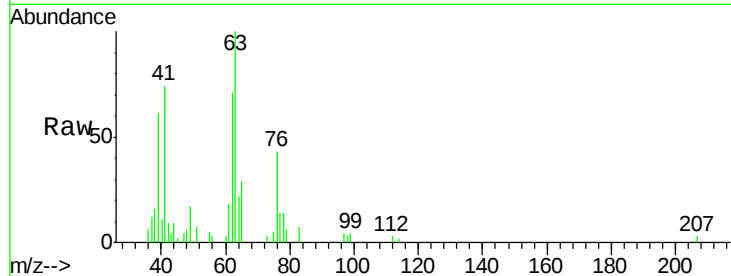
VSTDIC005

Tgt Ion: 63 Resp: 19760

Ion Ratio Lower Upper

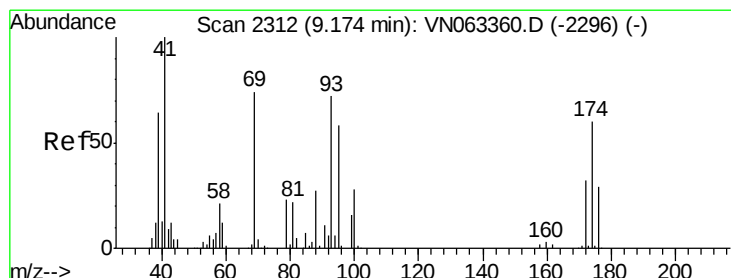
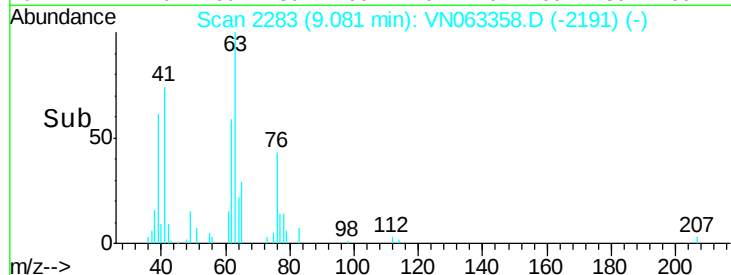
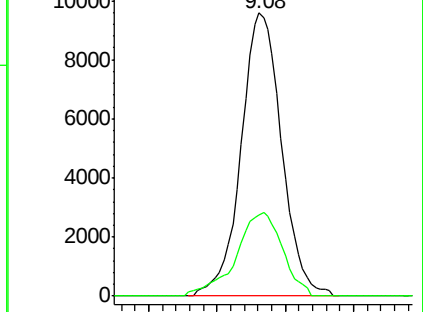
63 100

65 28.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN063360.D (-2261) (-)



#46

Dibromomethane

Concen: 5.651 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

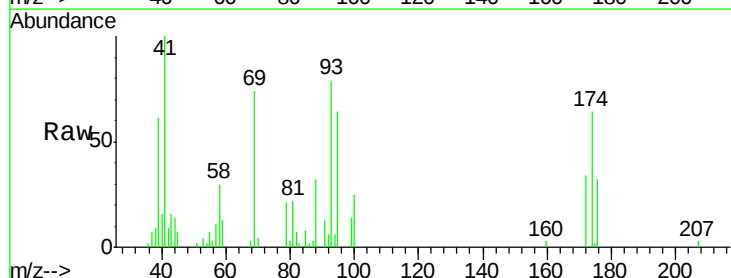
Tgt Ion: 93 Resp: 14138

Ion Ratio Lower Upper

93 100

95 81.8 65.6 98.4

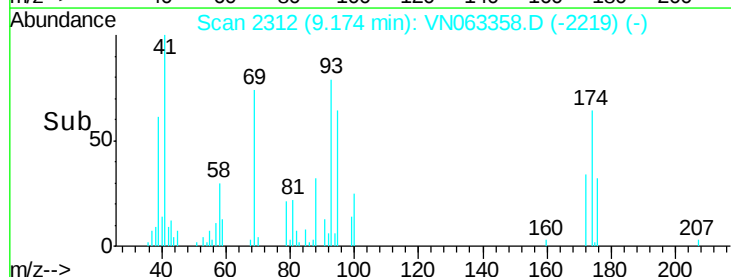
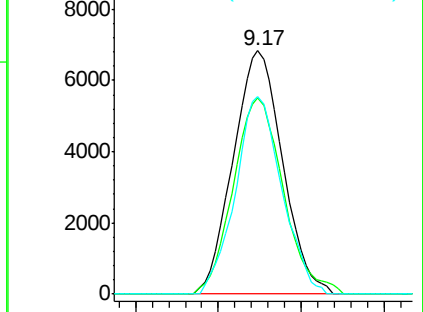
174 76.4 68.1 102.1

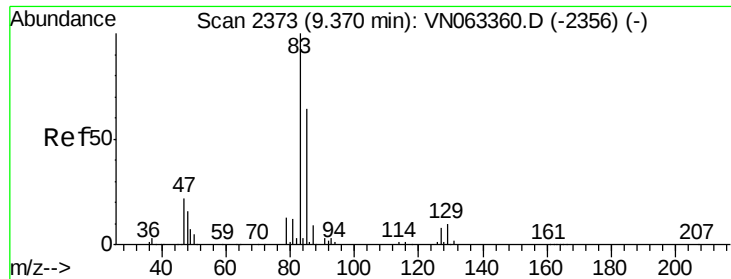


Abundance Ion 92.80 (92.50 to 93.50): VN063360.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN063360.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN063360.D (-2296) (-)

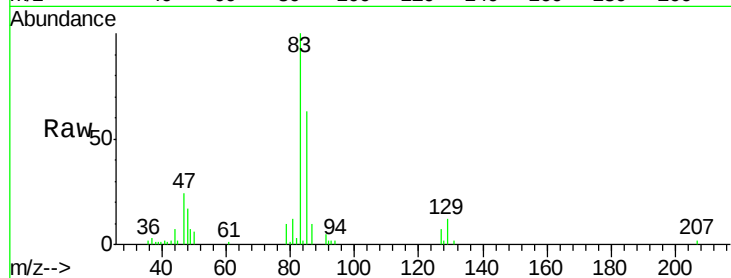




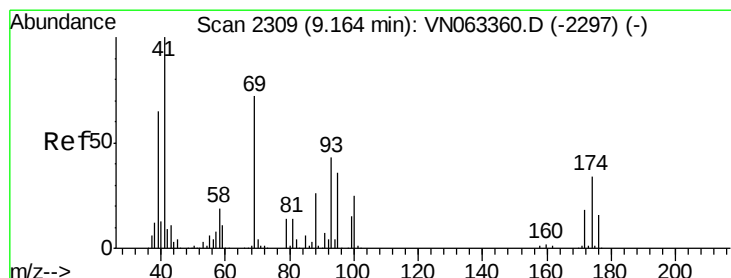
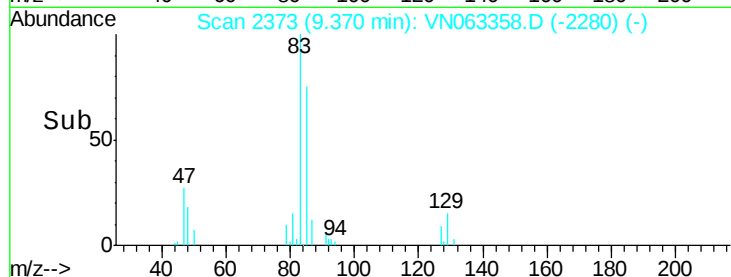
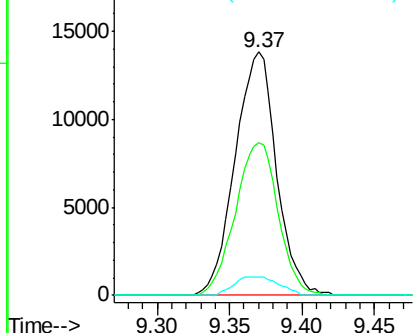
#47
 Bromodichloromethane
 Concen: 5.276 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 83 Resp: 27410
 Ion Ratio Lower Upper
 83 100
 85 62.7 51.0 76.6
 127 7.4 6.3 9.5

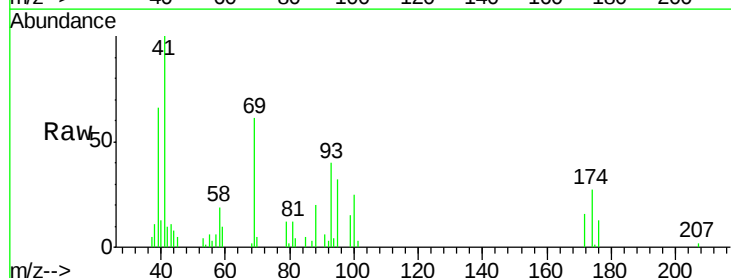


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

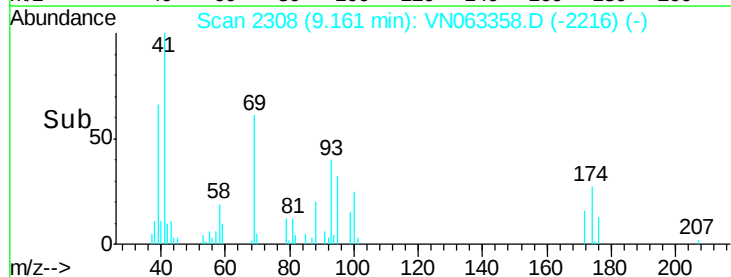
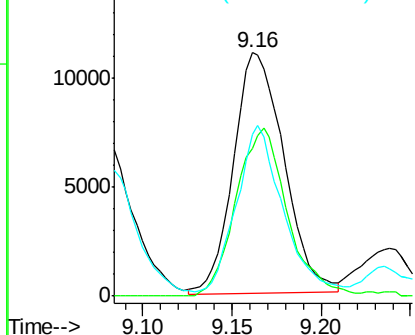


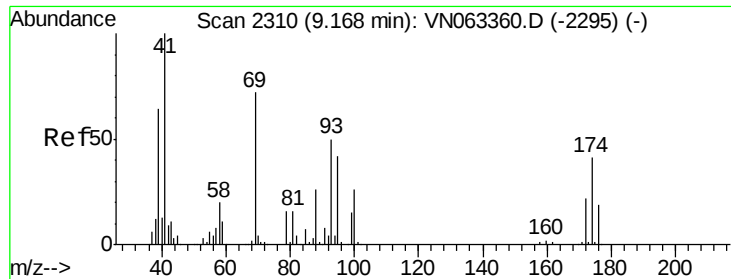
#48
 Methyl methacrylate
 Concen: 5.557 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 41 Resp: 21921
 Ion Ratio Lower Upper
 41 100
 69 71.2 59.3 88.9
 39 65.5 52.9 79.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

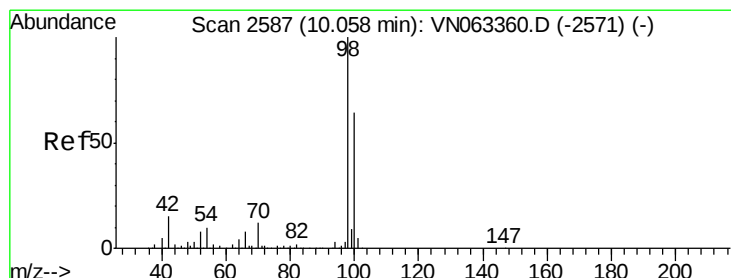
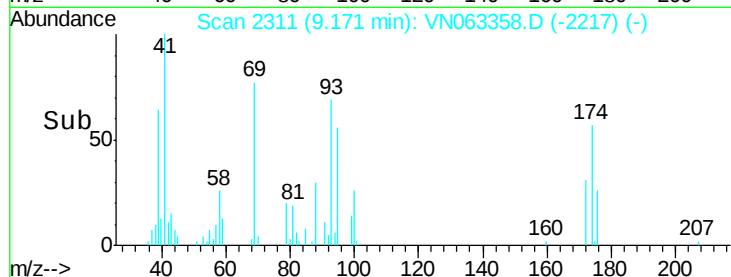
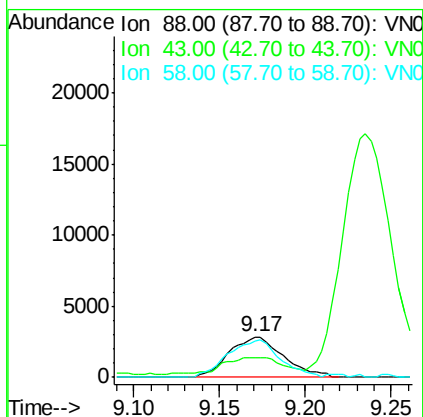
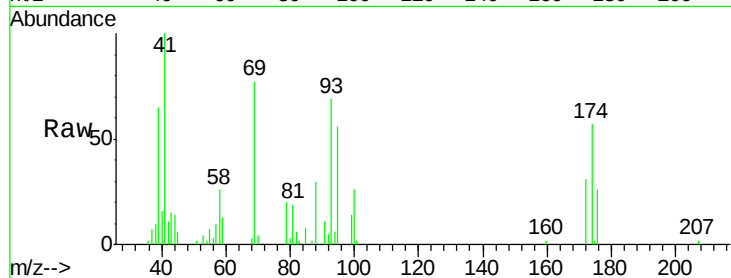




#49
1,4-Dioxane
Concen: 102.246 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

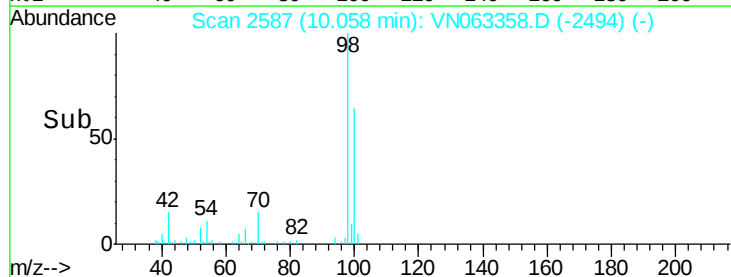
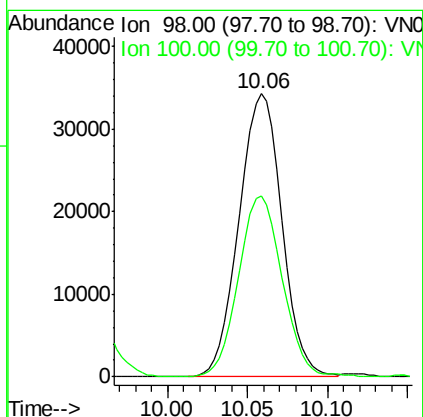
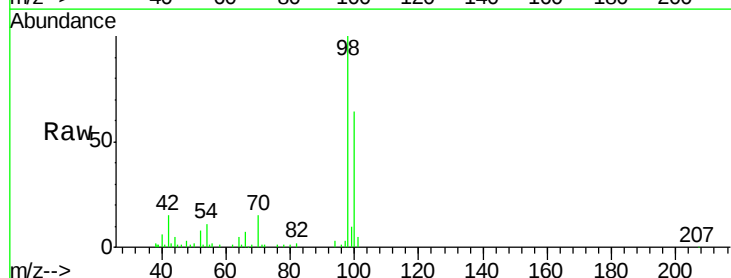
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

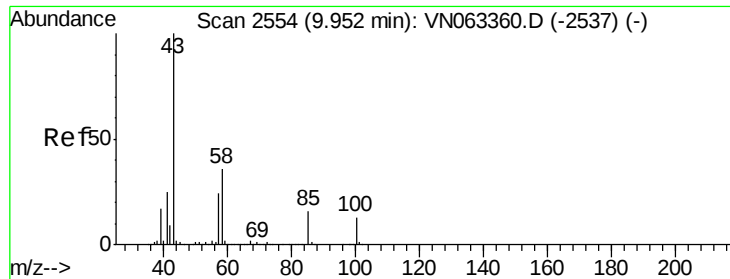
Tgt Ion: 88 Resp: 6214
Ion Ratio Lower Upper
88 100
43 41.6 32.6 49.0
58 88.3 60.0 90.0



#50
Toluene-d8
Concen: 5.360 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 98 Resp: 62914
Ion Ratio Lower Upper
98 100
100 65.0 50.7 76.1

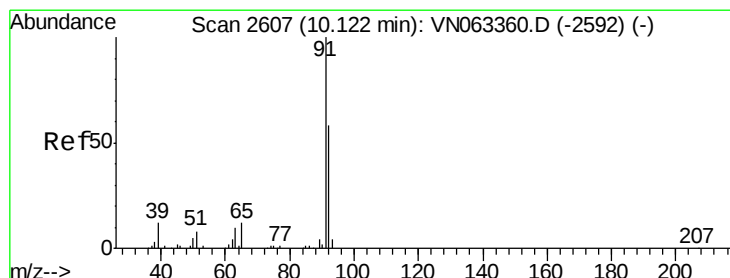
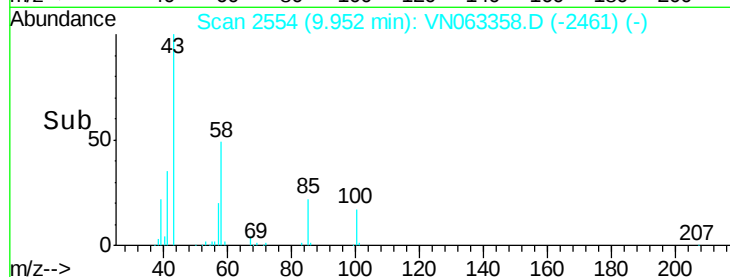
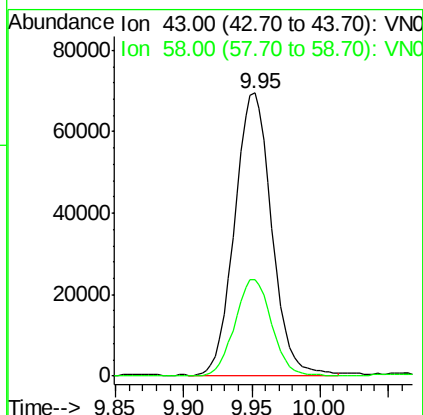
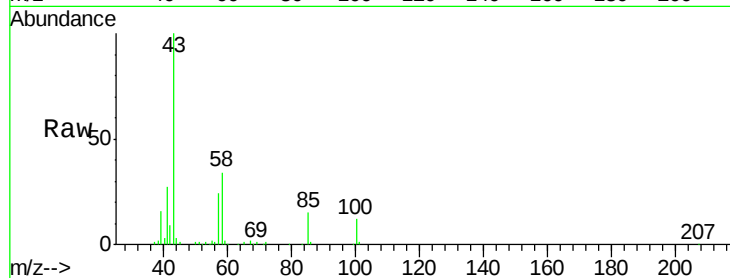




#51
 4-Methyl-2-Pentanone
 Concen: 28.839 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

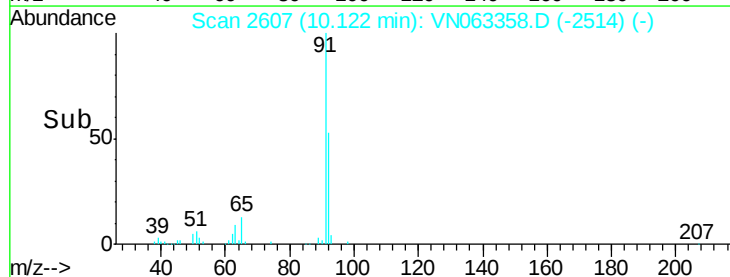
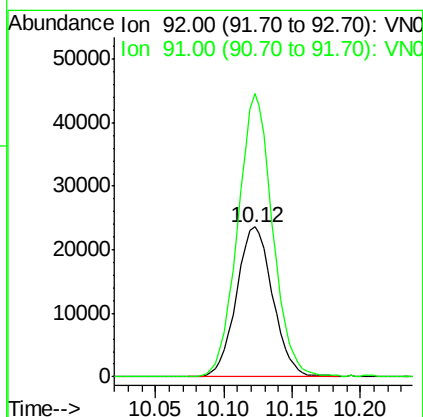
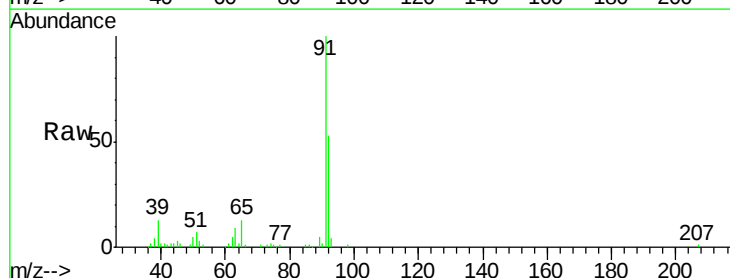
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

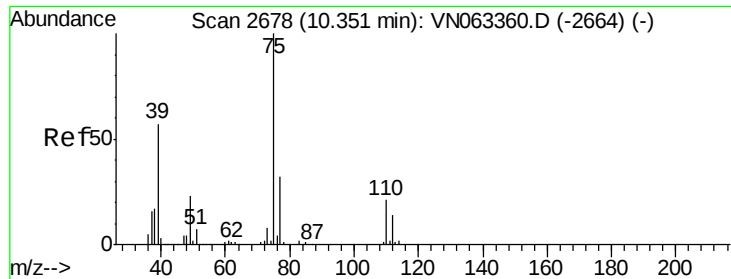
Tgt Ion: 43 Resp: 130319
 Ion Ratio Lower Upper
 43 100
 58 34.1 29.0 43.6



#52
 Toluene
 Concen: 5.092 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 92 Resp: 43565
 Ion Ratio Lower Upper
 92 100
 91 181.5 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 5.092 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

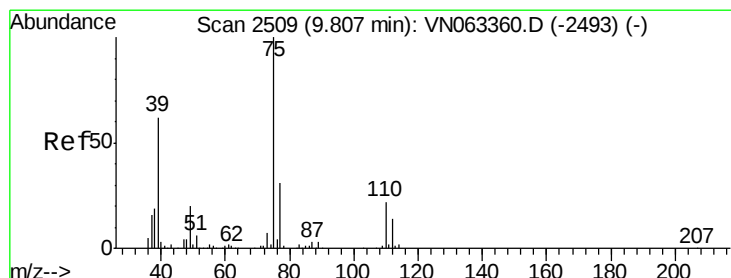
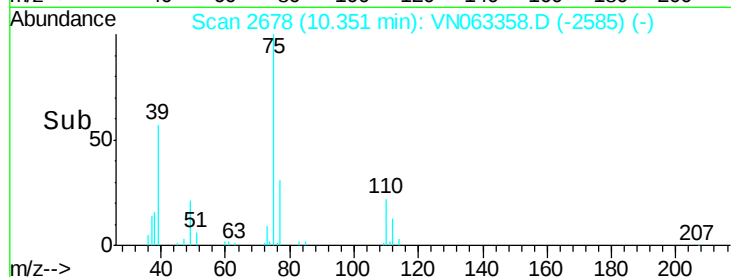
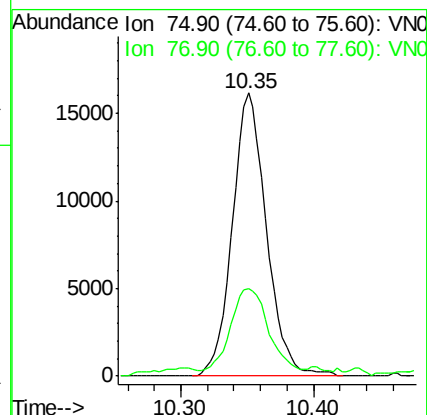
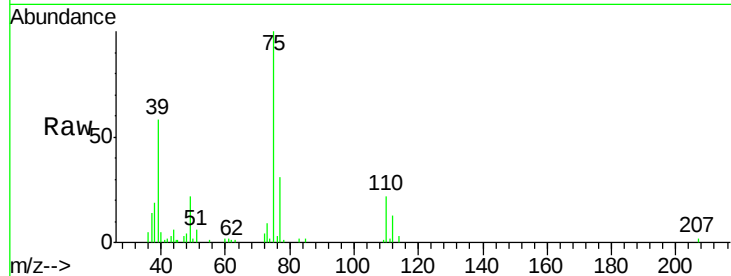
VSTDIC005

Tgt Ion: 75 Resp: 28888

Ion Ratio Lower Upper

75 100

77 29.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 5.125 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

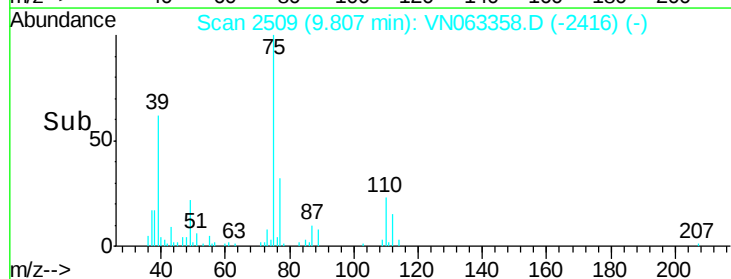
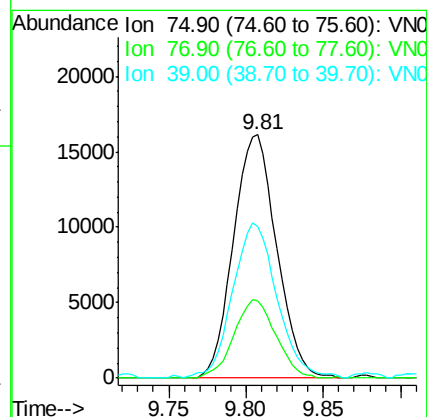
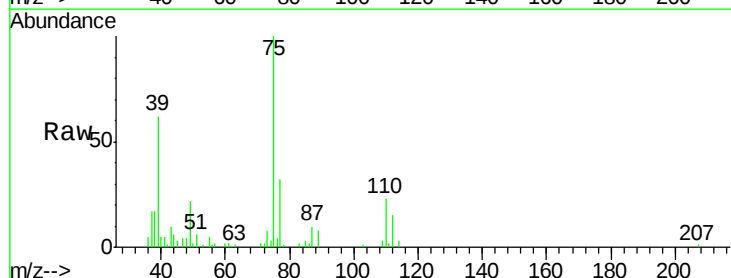
Tgt Ion: 75 Resp: 31271

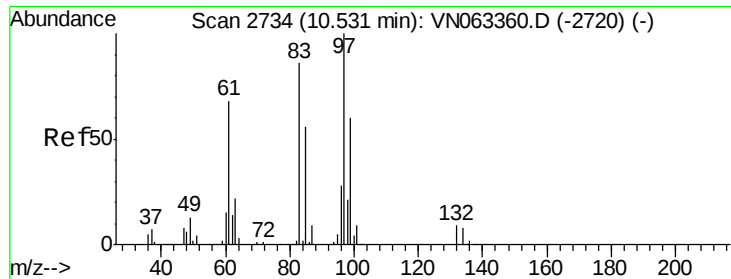
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 62.2 49.8 74.8





#55

1,1,2-Trichloroethane

Concen: 5.171 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tgt Ion: 97 Resp: 17327

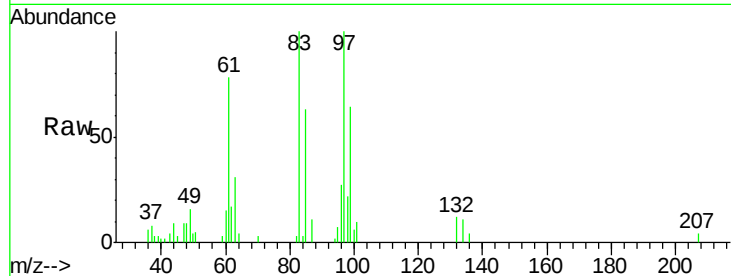
Ion Ratio Lower Upper

97 100

83 100.5 68.9 103.3

85 63.1 44.8 67.2

99 64.1 47.8 71.8

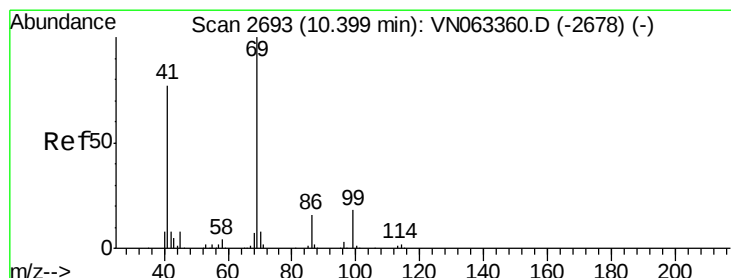
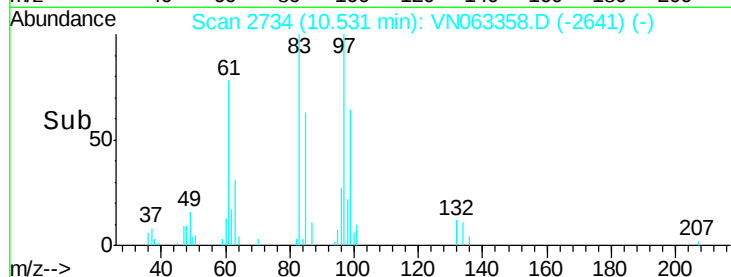
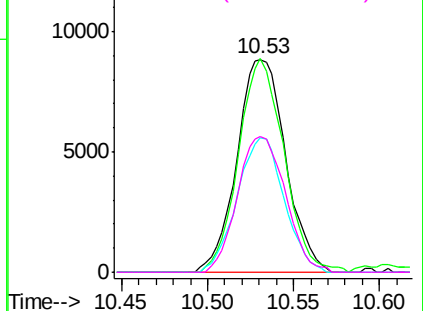


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 5.196 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

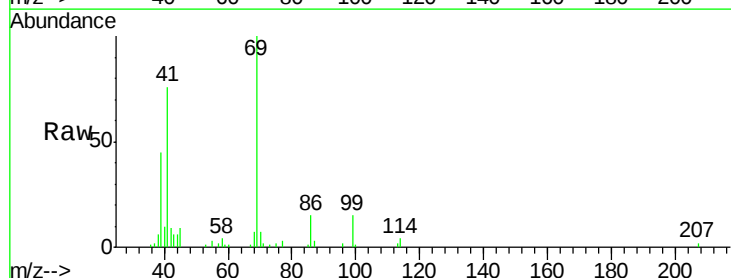
Tgt Ion: 69 Resp: 26453

Ion Ratio Lower Upper

69 100

41 77.6 61.0 91.6

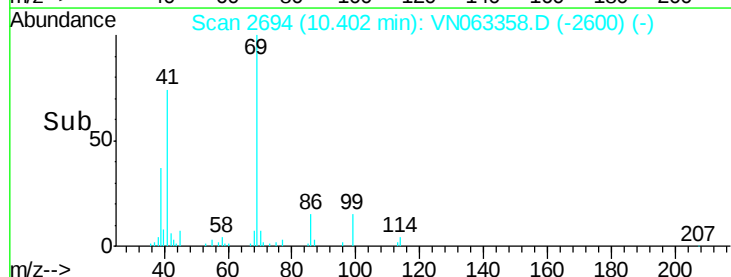
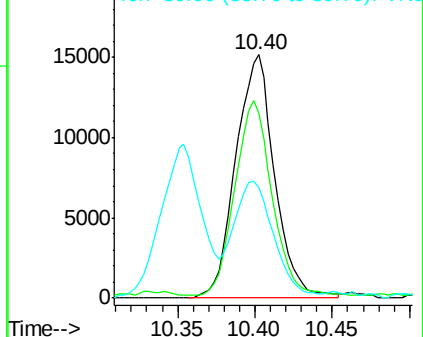
39 47.1 39.2 58.8



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: 5.569 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

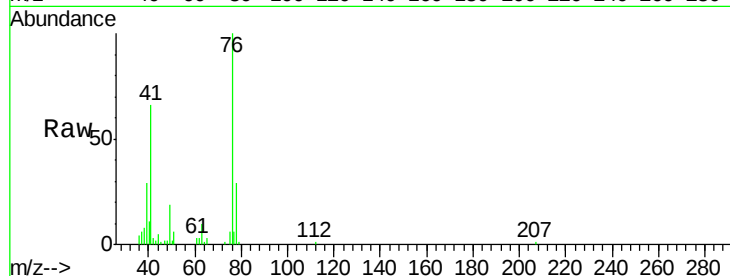
VSTDIC005

Tgt Ion: 76 Resp: 32627

Ion Ratio Lower Upper

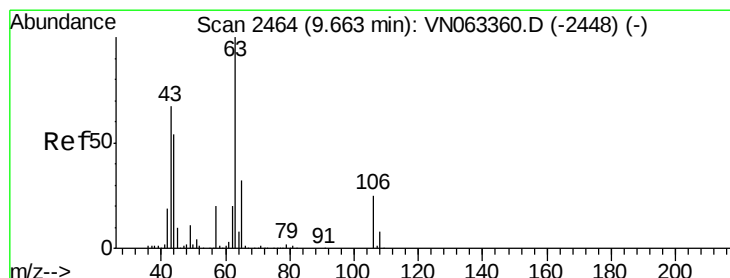
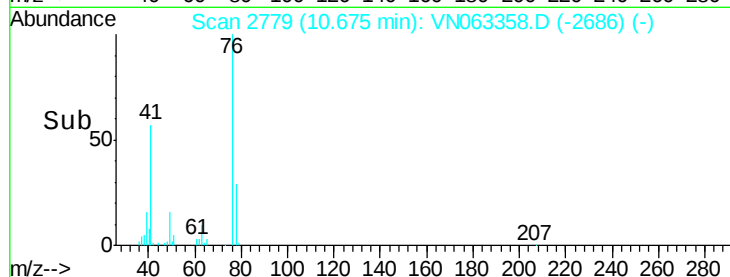
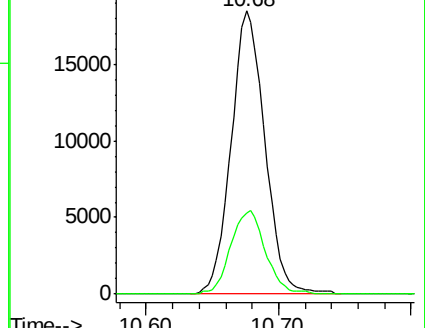
76 100

78 30.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN063360.D (-2764) (-)

Ion 77.90 (77.60 to 78.60): VN063360.D (-2764) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 25.761 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063358.D

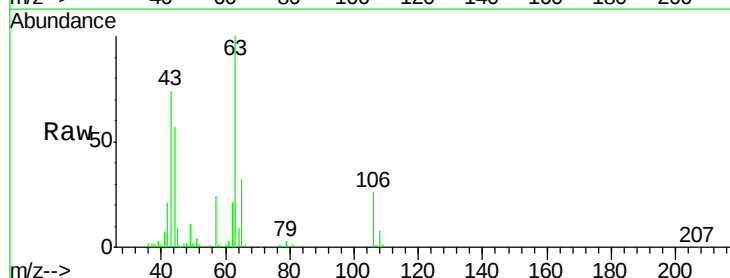
Acq: 16 Sep 2020 11:08

Tgt Ion: 63 Resp: 70526

Ion Ratio Lower Upper

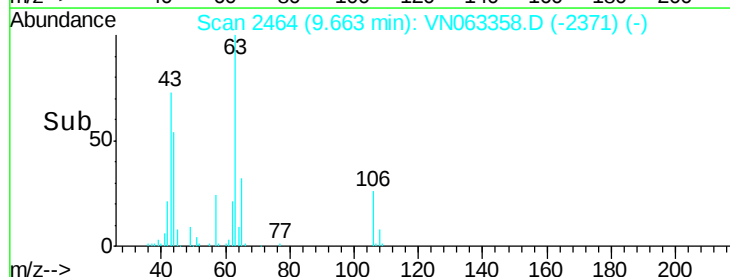
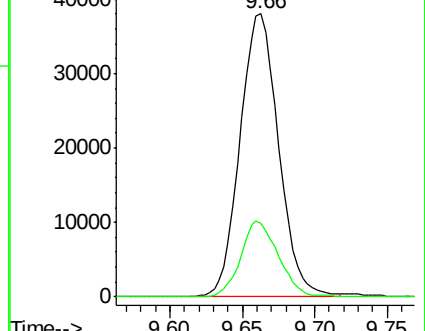
63 100

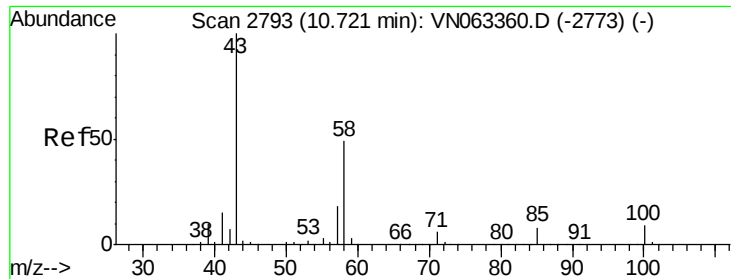
106 26.2 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063360.D (-2448) (-)

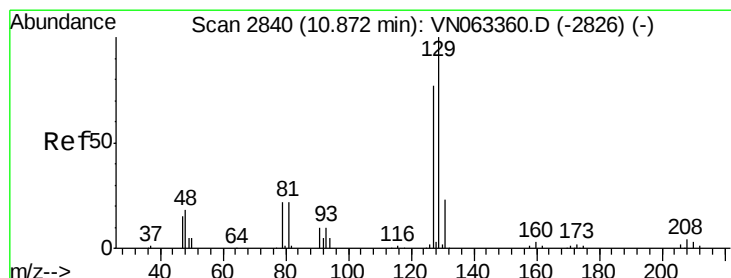
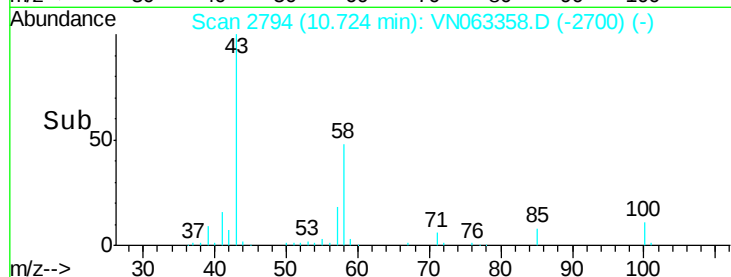
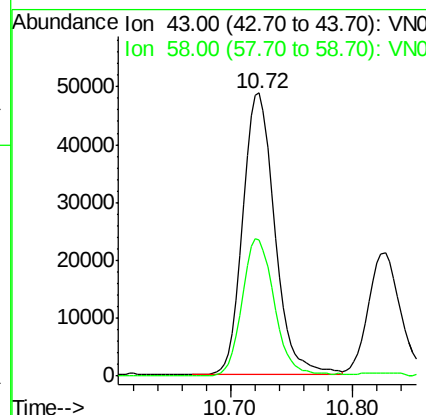
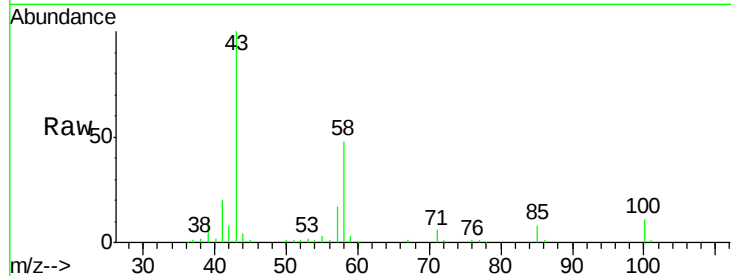




#59
2-Hexanone
Concen: 26.507 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

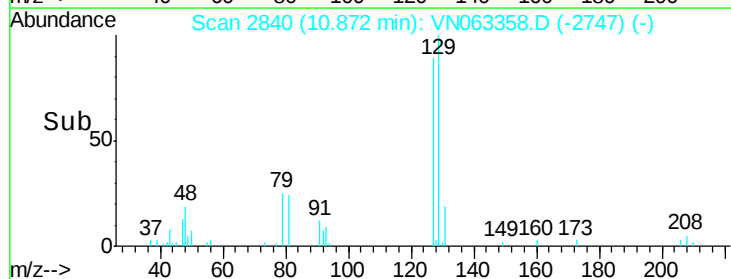
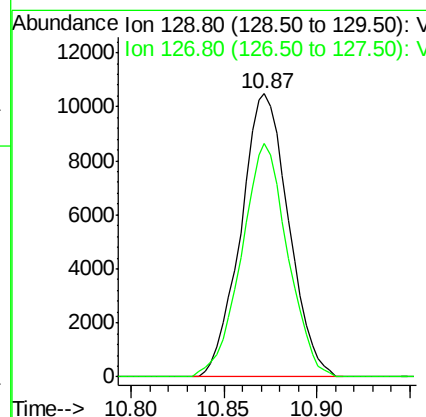
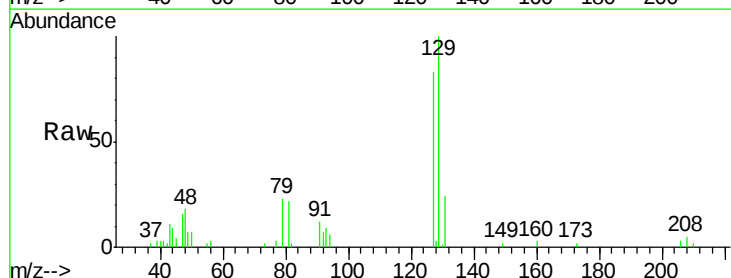
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

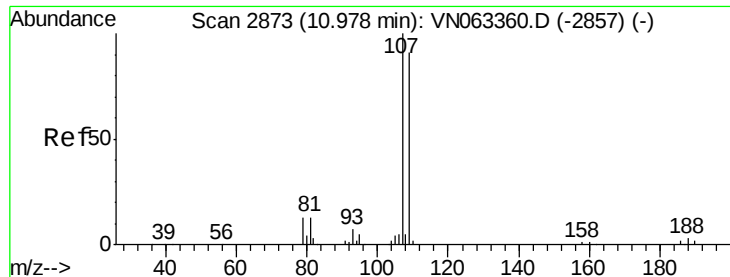
Tgt Ion: 43 Resp: 88279
Ion Ratio Lower Upper
43 100
58 49.2 24.7 74.1



#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 129 Resp: 18732
Ion Ratio Lower Upper
129 100
127 79.6 39.1 117.3

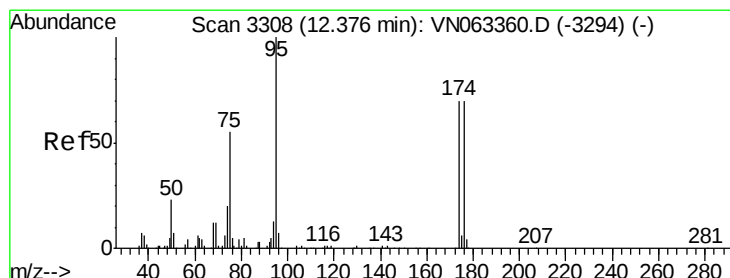
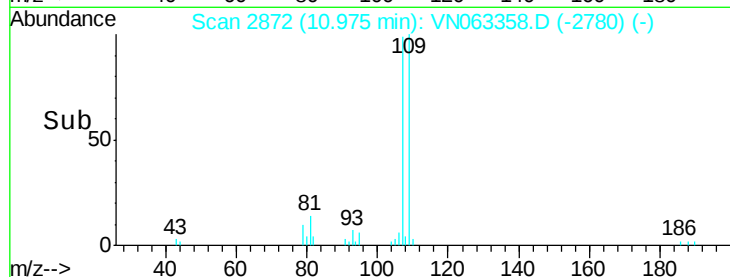
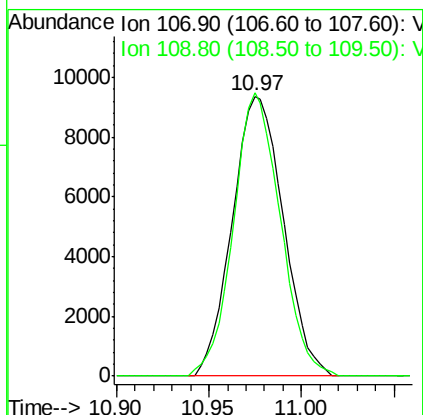
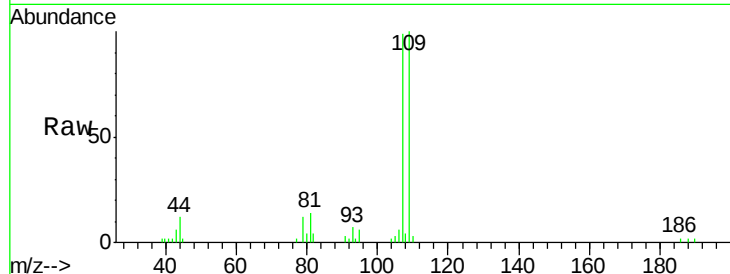




#61
 1,2-Dibromoethane
 Concen: 5.135 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

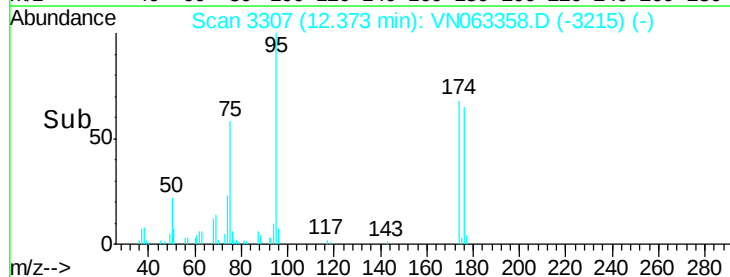
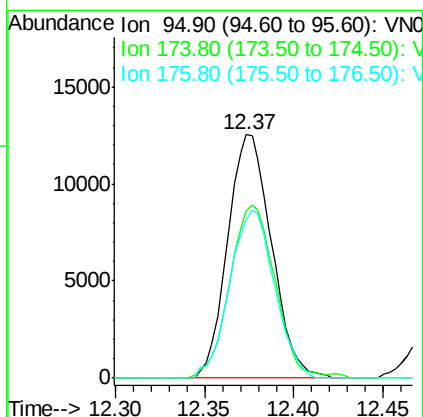
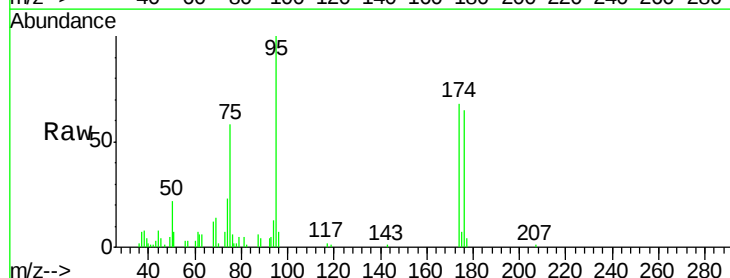
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

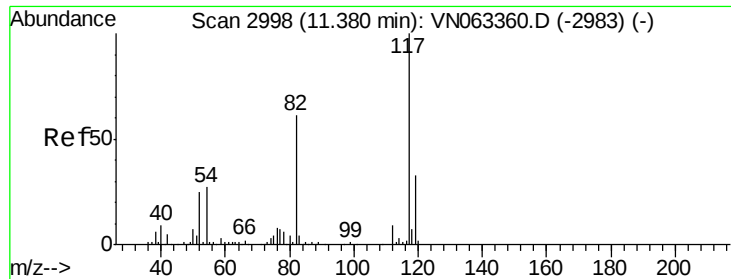
Tgt Ion: 107 Resp: 17958
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 4.933 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 95 Resp: 21397
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 140.8
 176 70.2 0.0 137.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

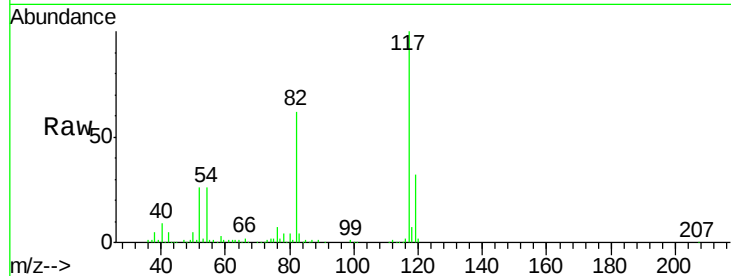
Tgt Ion:117 Resp: 417943

Ion Ratio Lower Upper

117 100

82 61.9 49.2 73.8

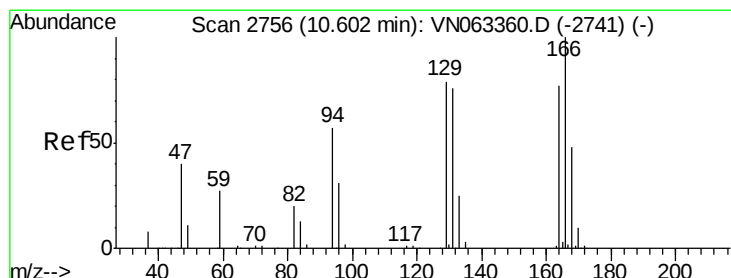
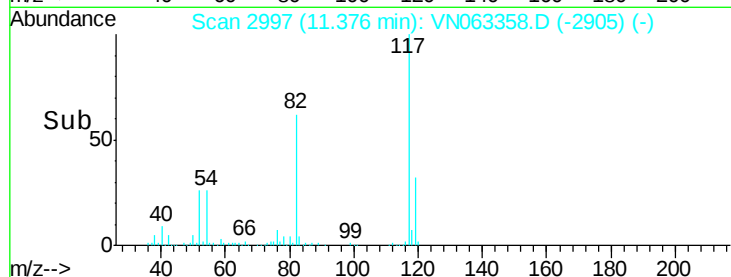
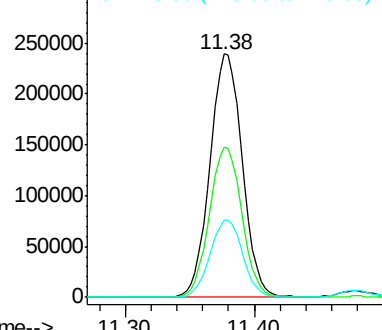
119 31.5 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.539 ug/l

RT: 10.60 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Tgt Ion:164 Resp: 15117

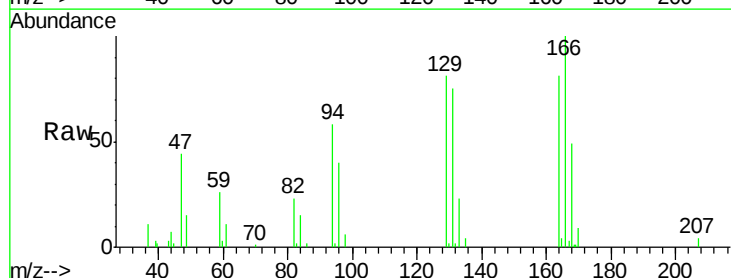
Ion Ratio Lower Upper

164 100

166 123.2 103.4 155.0

129 100.1 81.8 122.6

131 92.8 78.2 117.4

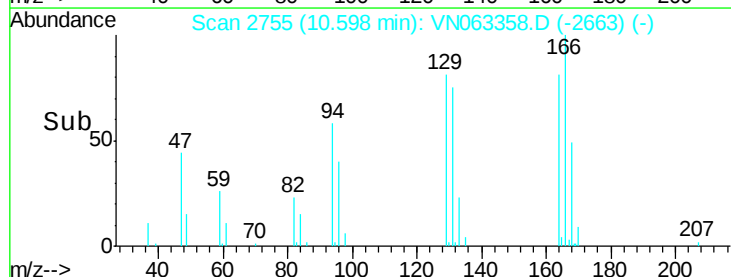
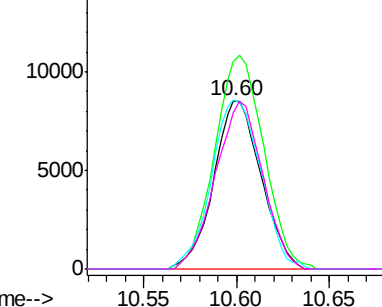


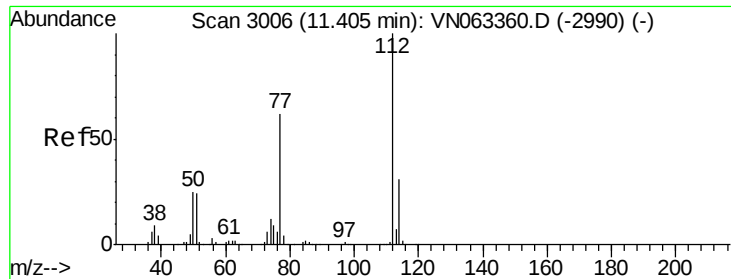
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.009 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

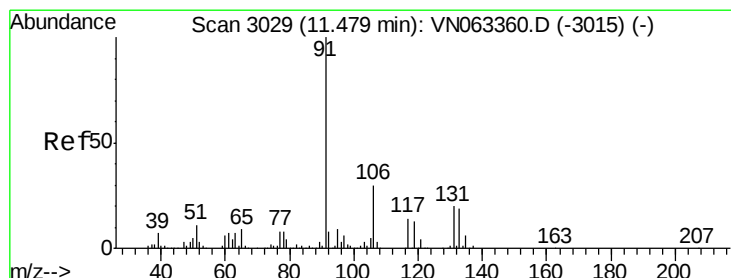
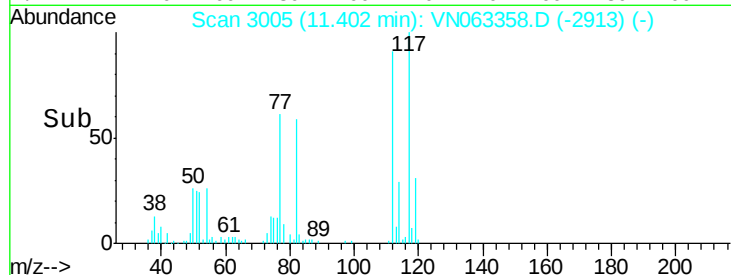
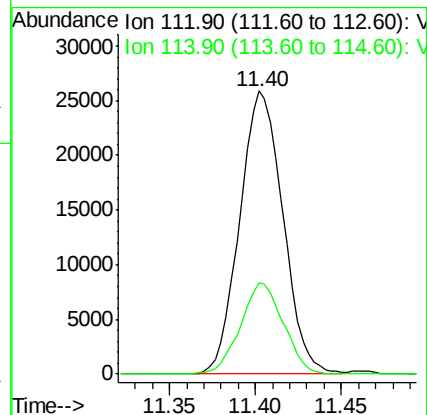
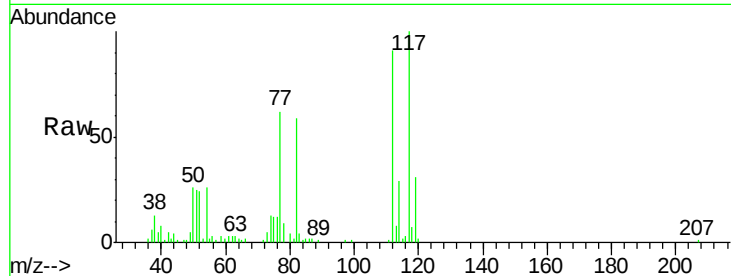
VSTDIC005

Tgt Ion:112 Resp: 45180

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 5.042 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

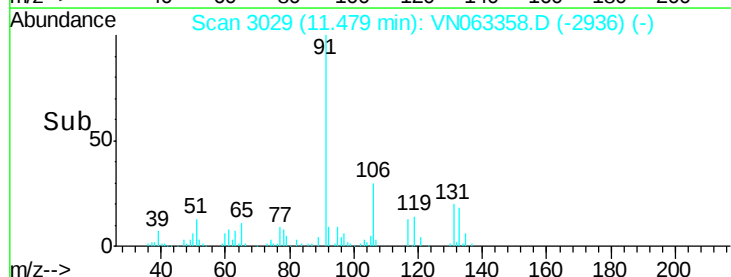
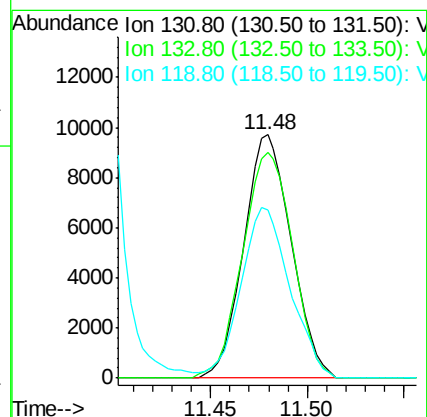
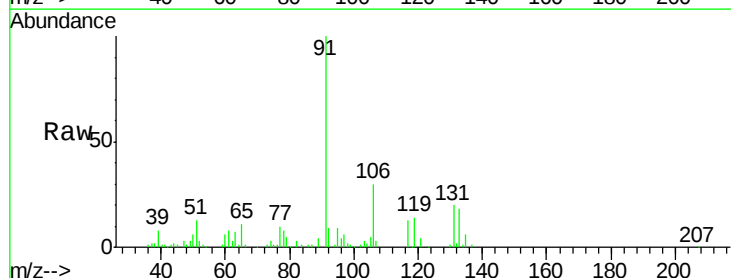
Tgt Ion:131 Resp: 16599

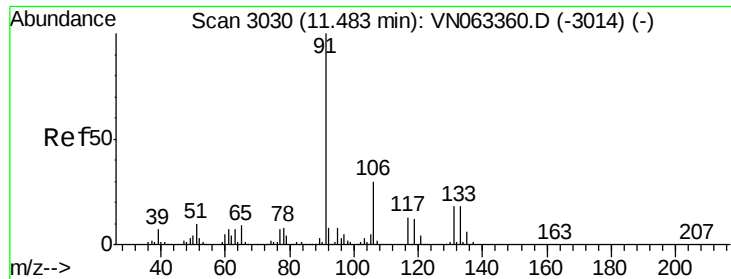
Ion Ratio Lower Upper

131 100

133 97.5 47.3 141.9

119 72.6 33.6 100.8

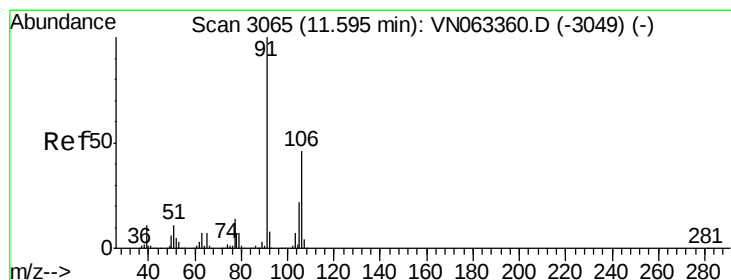
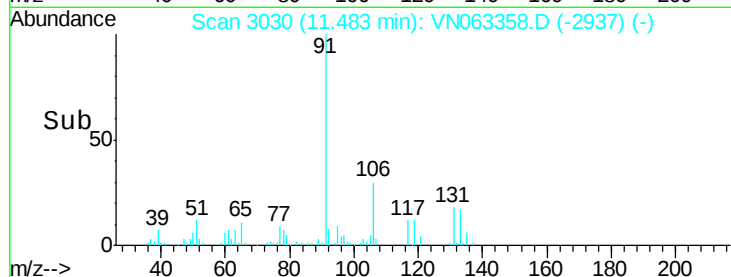
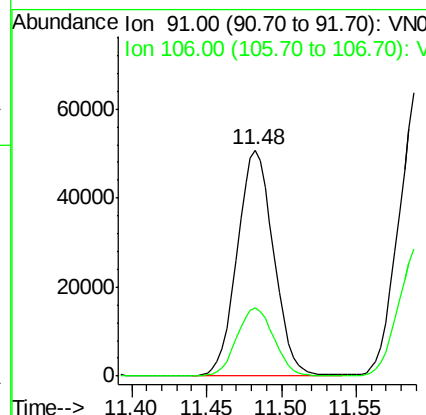
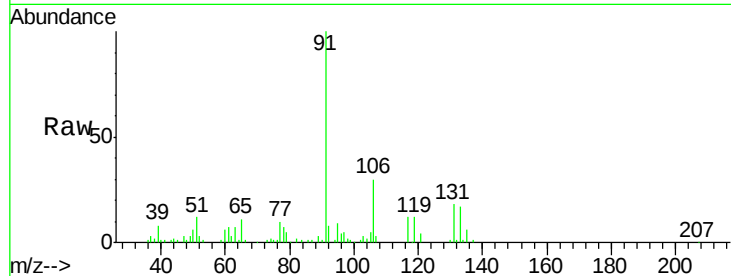




#67
 Ethyl Benzene
 Concen: 5.302 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

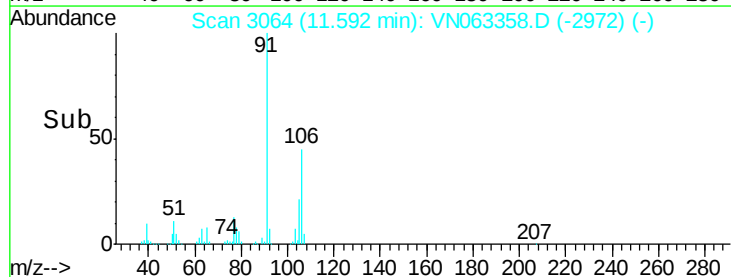
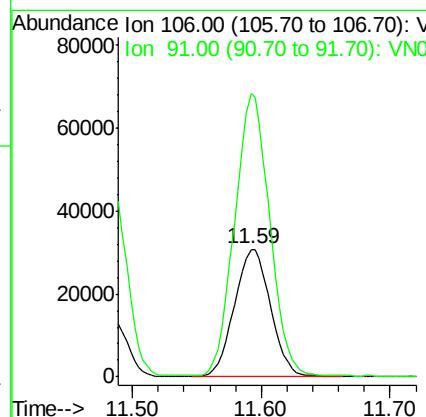
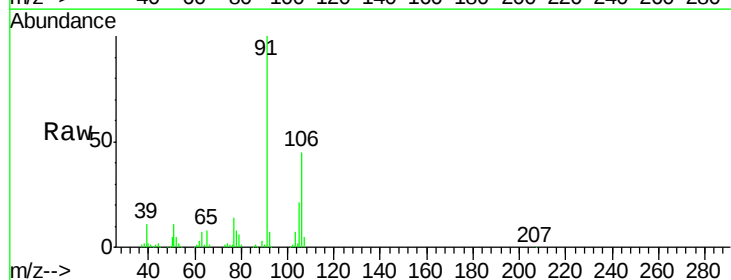
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

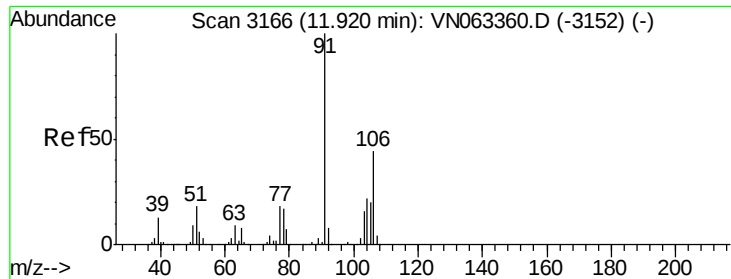
Tgt Ion: 91 Resp: 86119
 Ion Ratio Lower Upper
 91 100
 106 30.1 23.8 35.6



#68
 m/p-Xylenes
 Concen: 9.989 ug/l
 RT: 11.59 min Scan# 3064
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion: 106 Resp: 60076
 Ion Ratio Lower Upper
 106 100
 91 214.6 171.2 256.8

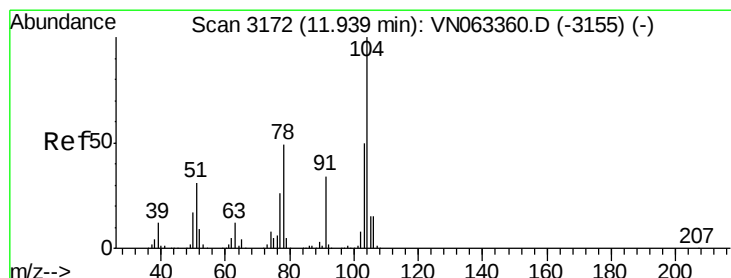
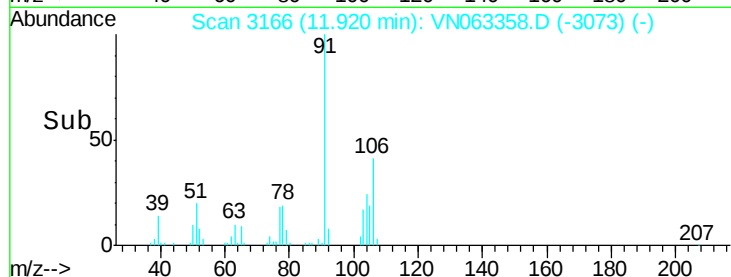
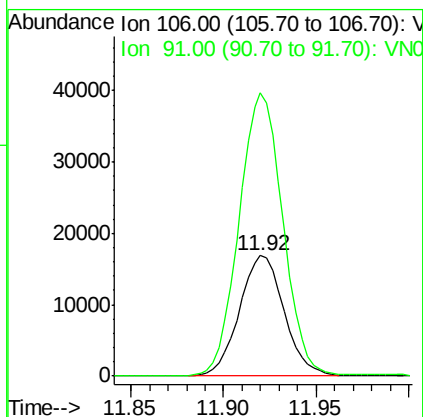
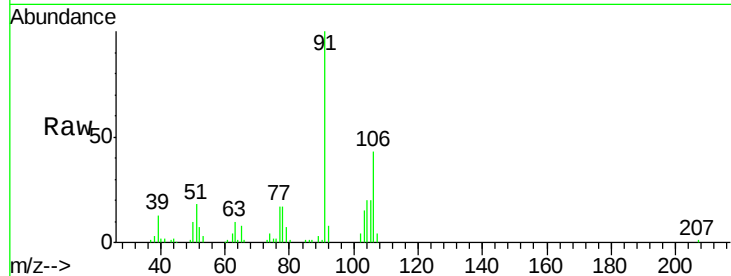




#69
o-Xylene
Concen: 4.927 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

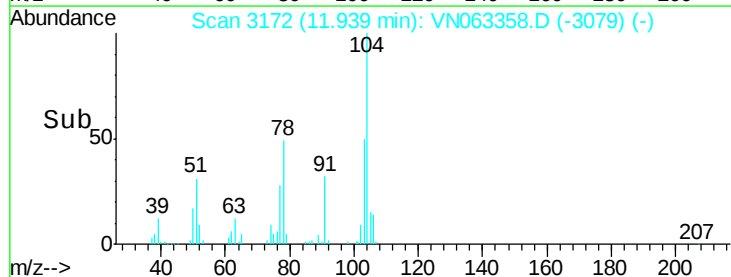
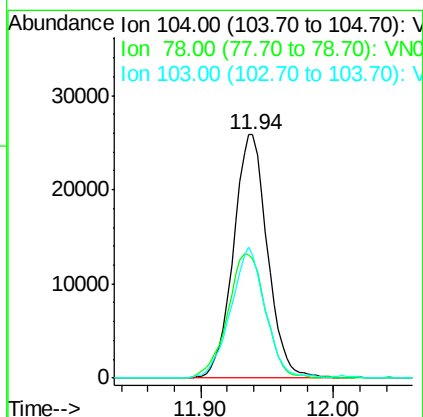
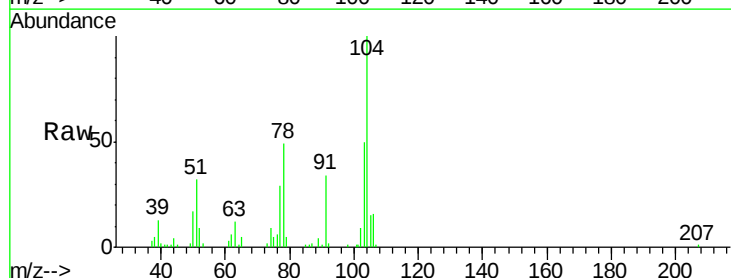
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

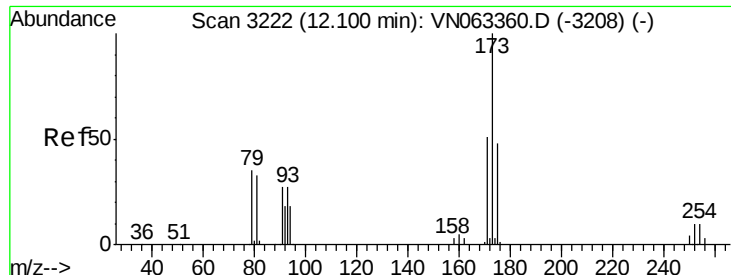
Tgt Ion:106 Resp: 28363
Ion Ratio Lower Upper
106 100
91 230.1 113.6 340.8



#70
Styrene
Concen: 4.802 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion:104 Resp: 46105
Ion Ratio Lower Upper
104 100
78 56.7 44.4 66.6
103 54.6 43.7 65.5

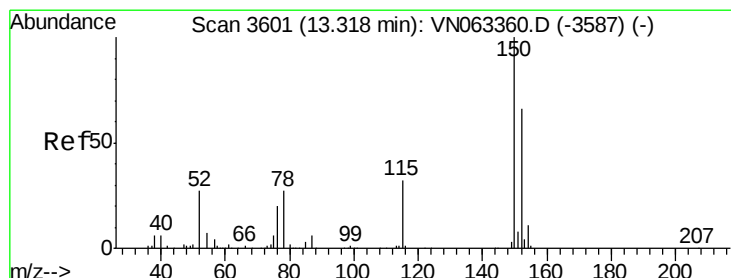
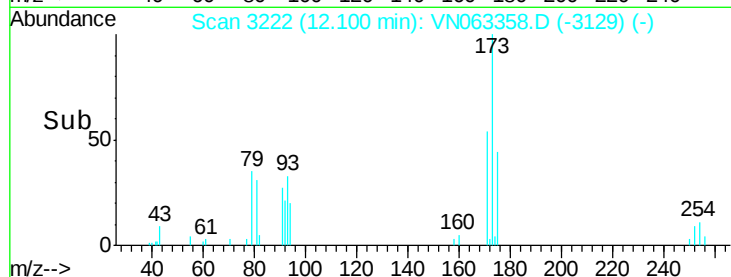
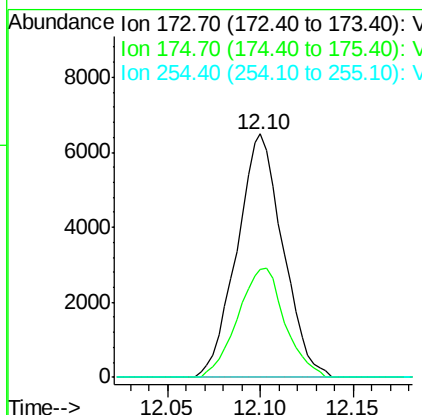
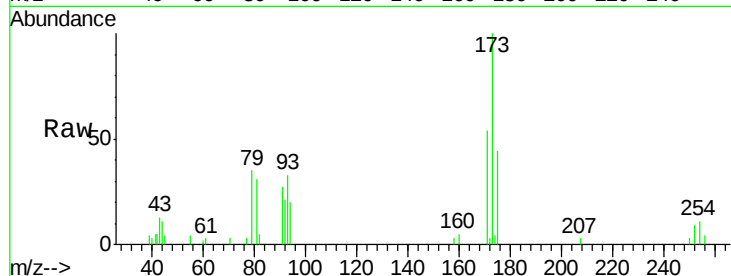




#71
Bromoform
Concen: 4.828 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

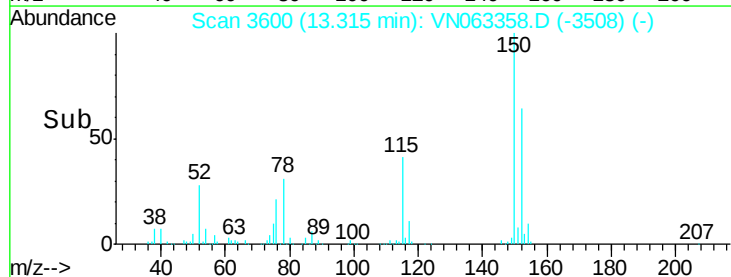
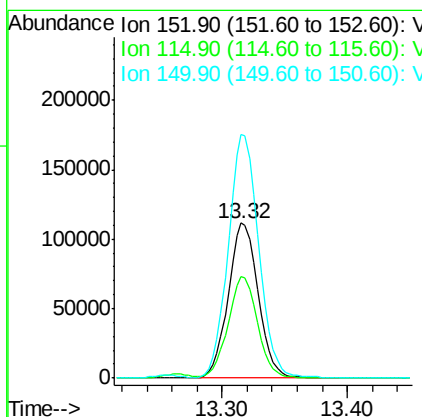
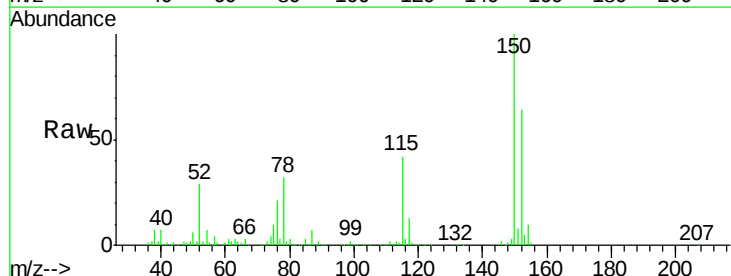
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

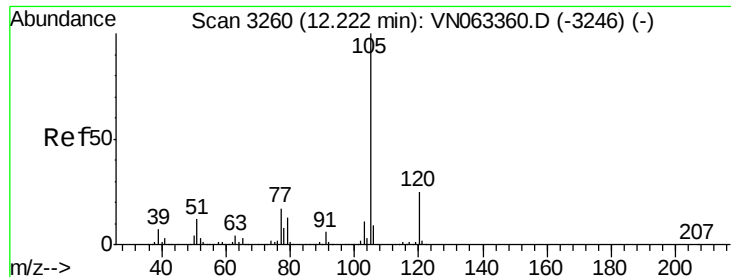
Tgt Ion:173 Resp: 11138
Ion Ratio Lower Upper
173 100
175 45.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion:152 Resp: 185594
Ion Ratio Lower Upper
152 100
115 64.0 32.2 96.6
150 157.8 0.0 343.4





#73

Isopropylbenzene

Concen: 5.236 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampled :

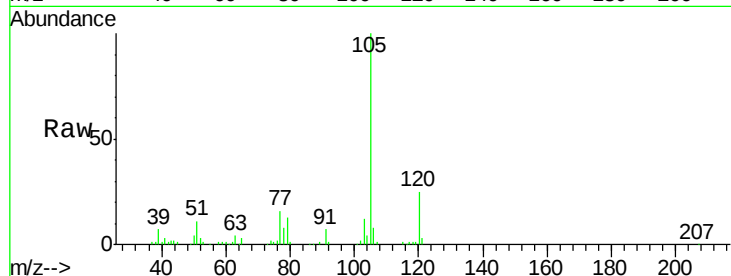
VSTDIC005

Tgt Ion: 105 Resp: 78380

Ion Ratio Lower Upper

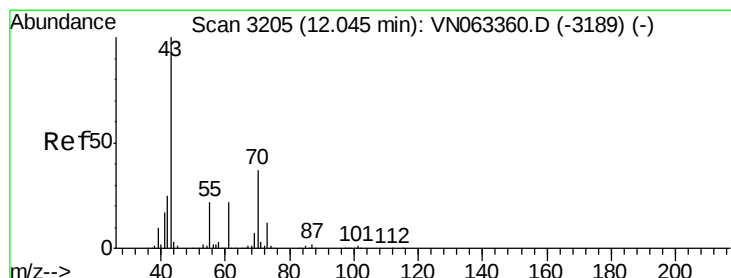
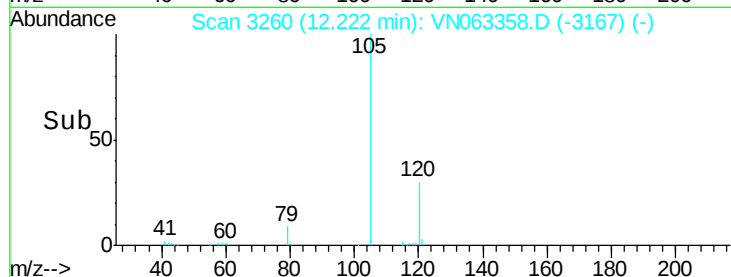
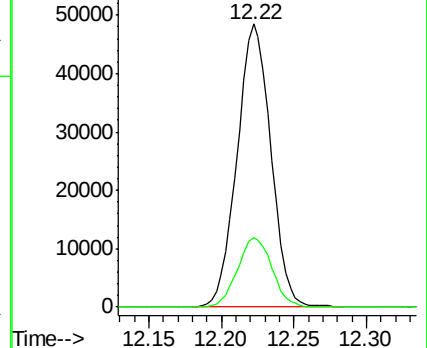
105 100

120 25.1 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.685 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Tgt Ion: 43 Resp: 35300

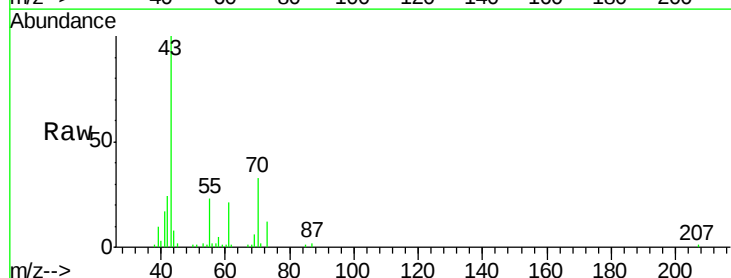
Ion Ratio Lower Upper

43 100

70 34.1 29.6 44.4

55 22.8 17.7 26.5

61 20.7 17.4 26.2

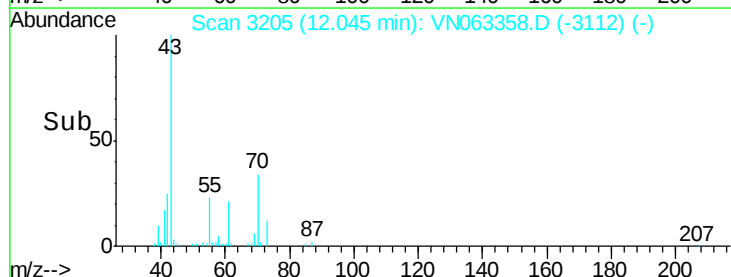
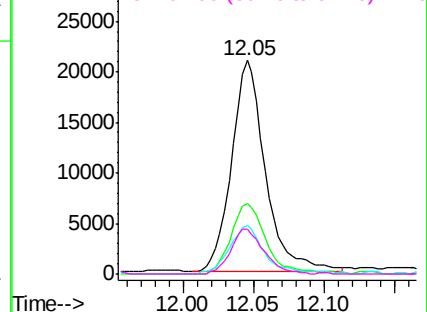


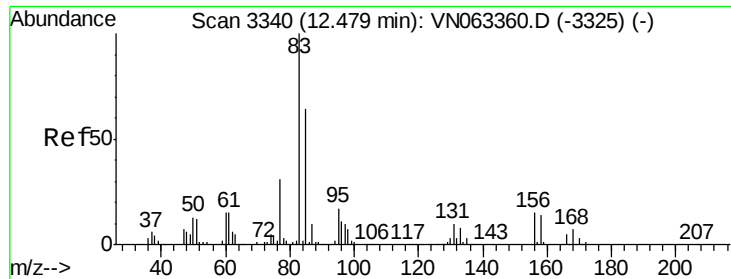
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.493 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

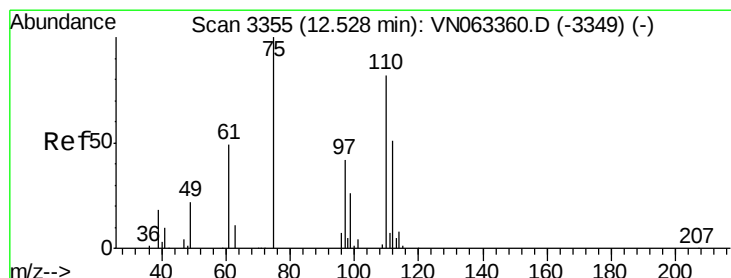
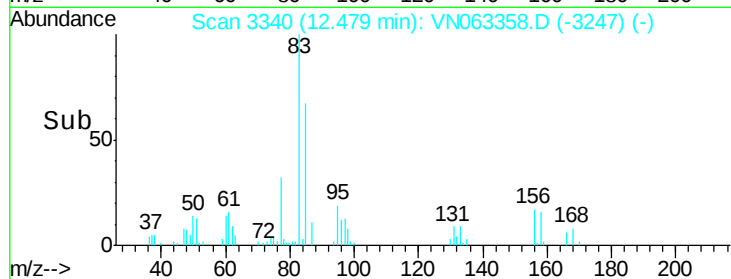
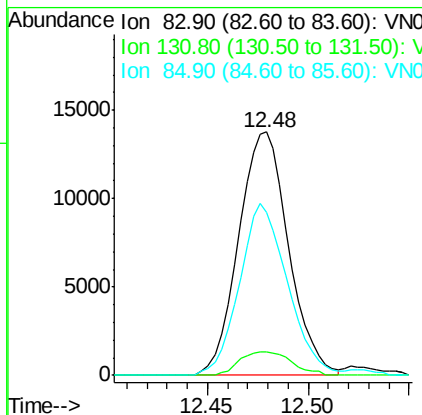
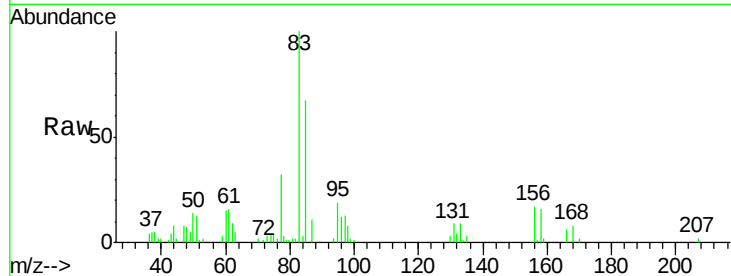
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:	83	Resp:	23817
Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	68.1	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 8.055 ug/l

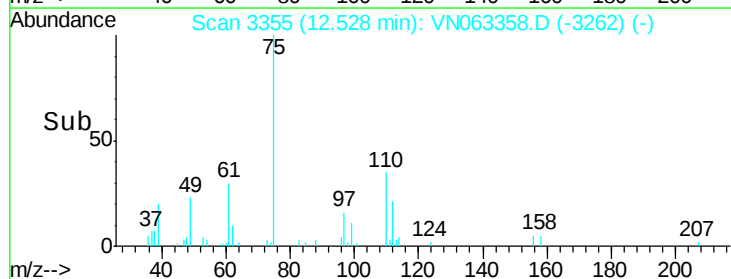
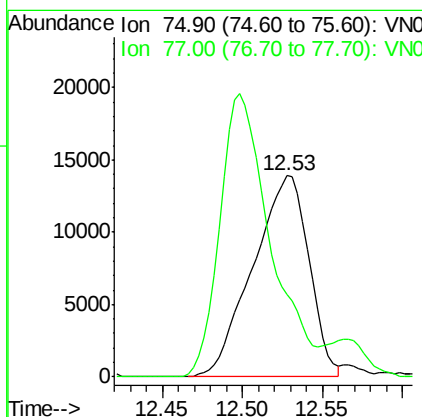
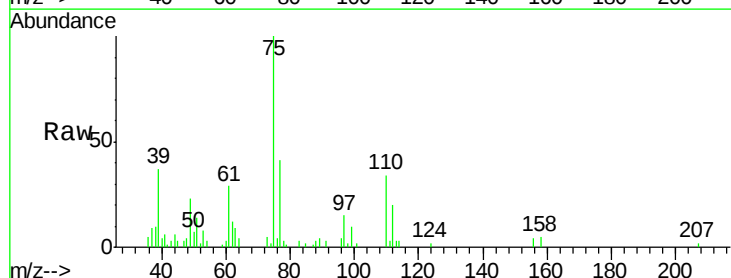
RT: 12.53 min Scan# 3355

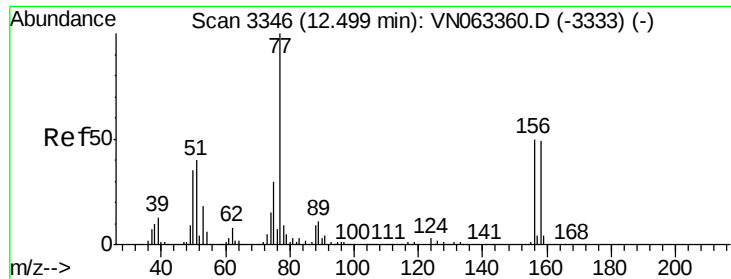
Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Tgt Ion:	75	Resp:	33636
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.922 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

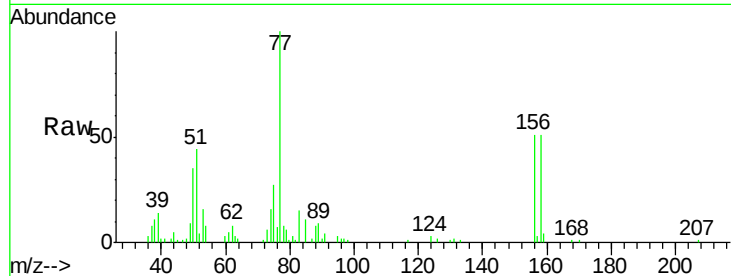
Tgt Ion:156 Resp: 16917

Ion Ratio Lower Upper

156 100

77 249.2 120.2 360.6

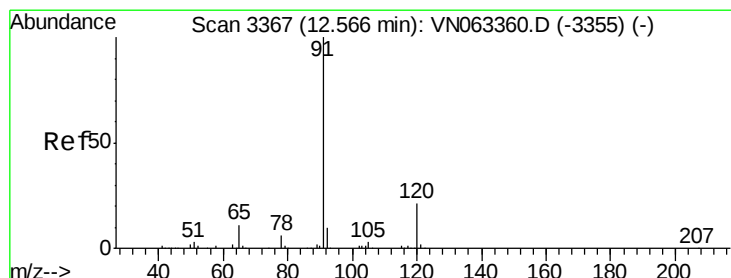
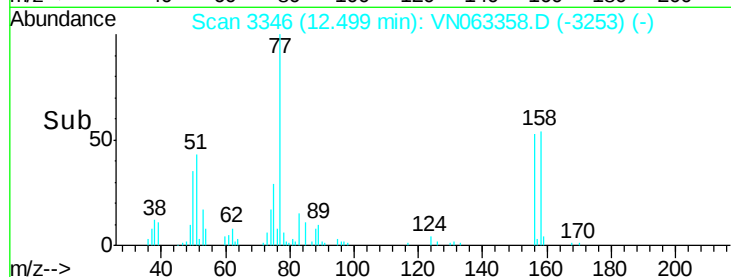
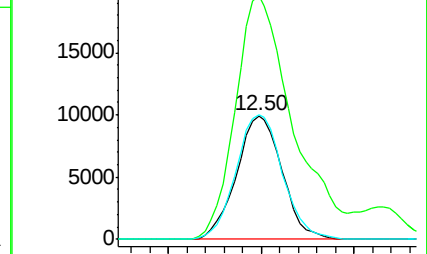
158 103.4 48.9 146.6



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: 5.299 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063358.D

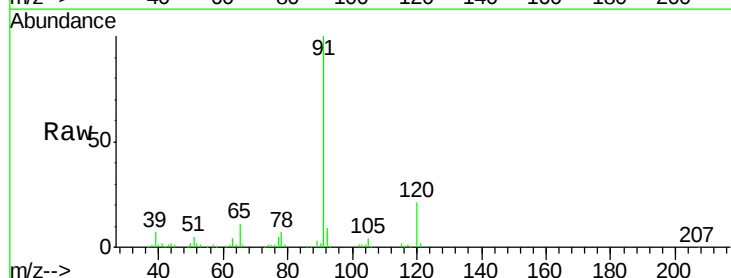
Acq: 16 Sep 2020 11:08

Tgt Ion: 91 Resp: 89968

Ion Ratio Lower Upper

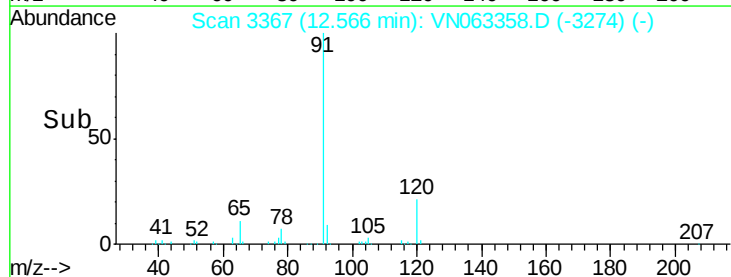
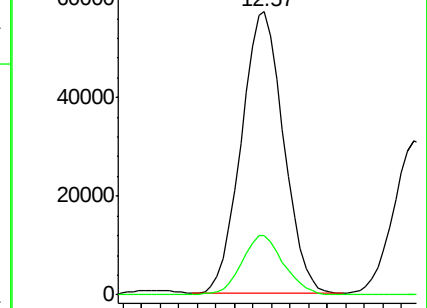
91 100

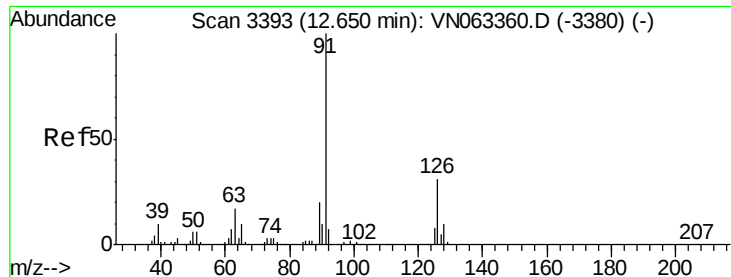
120 21.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.906 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

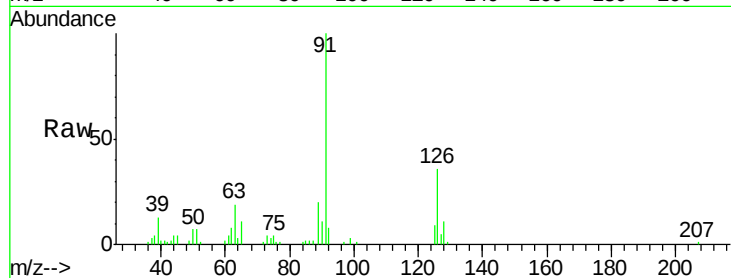
VSTDIC005

Tgt Ion: 91 Resp: 51211

Ion Ratio Lower Upper

91 100

126 34.6 15.8 47.3

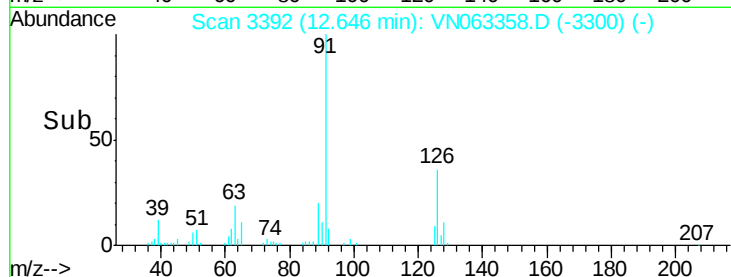


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

Time-->

12.65

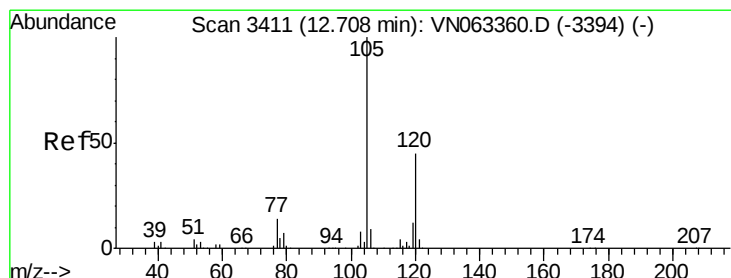


Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

Time-->

12.71



#80

1,3,5-Trimethylbenzene

Concen: 5.225 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063358.D

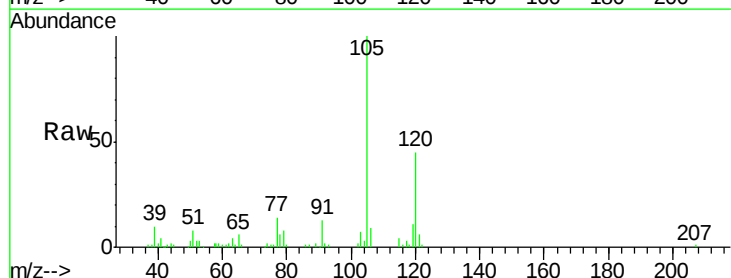
Acq: 16 Sep 2020 11:08

Tgt Ion: 105 Resp: 64974

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.8

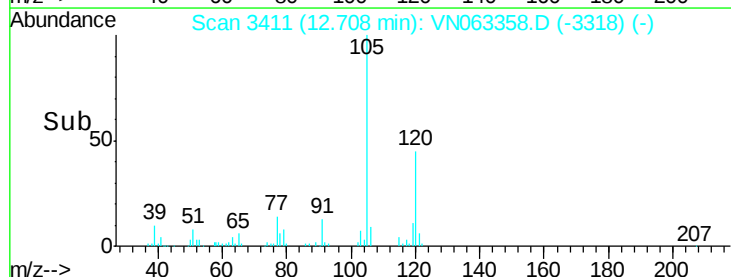


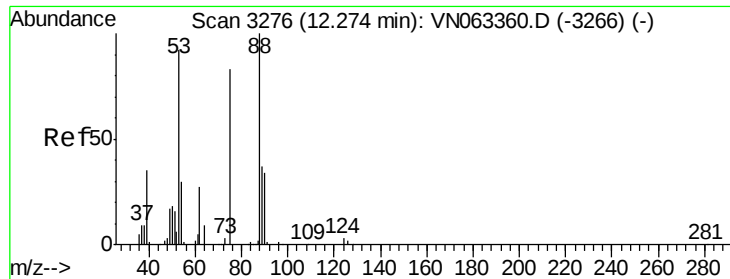
Abundance Ion 105.00 (104.70 to 105.70): VN063358.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN063358.D (-3318) (-)

Time-->

12.71





#81

trans-1,4-Dichloro-2-butene

Concen: 5.092 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063358.D

Acq: 16 Sep 2020 11:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

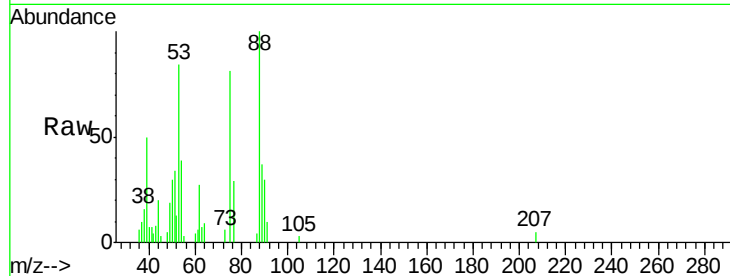
Tgt Ion: 75 Resp: 7835

Ion Ratio Lower Upper

75 100

53 101.2 85.7 128.5

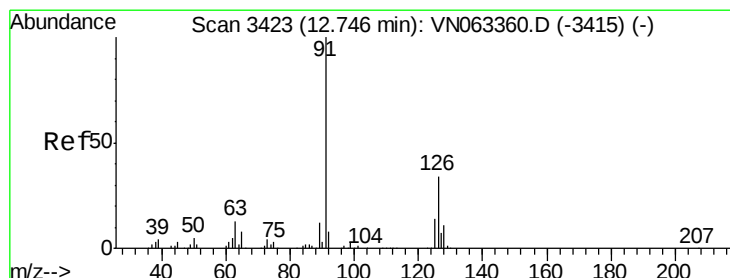
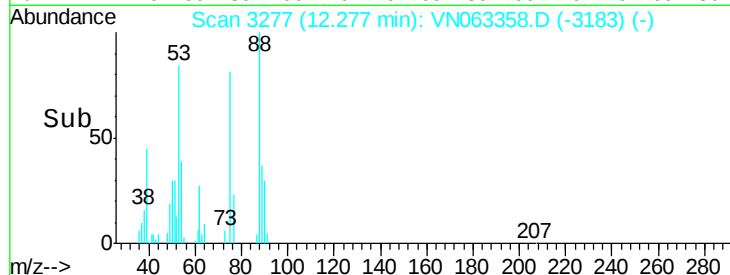
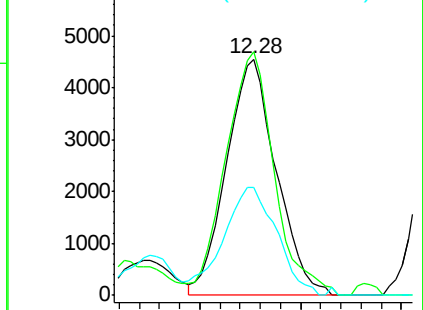
89 49.7 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.069 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063358.D

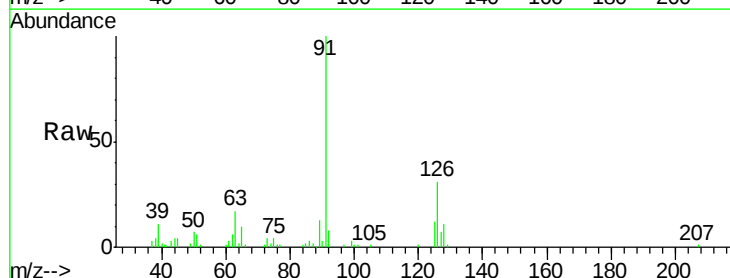
Acq: 16 Sep 2020 11:08

Tgt Ion: 91 Resp: 55619

Ion Ratio Lower Upper

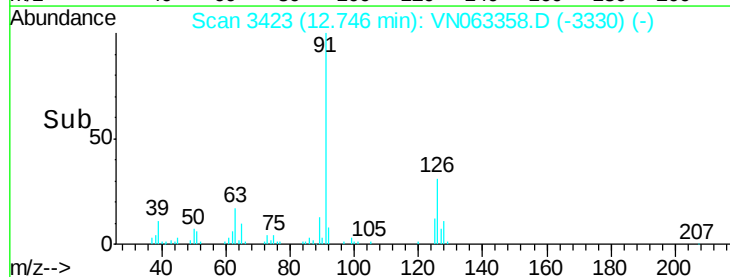
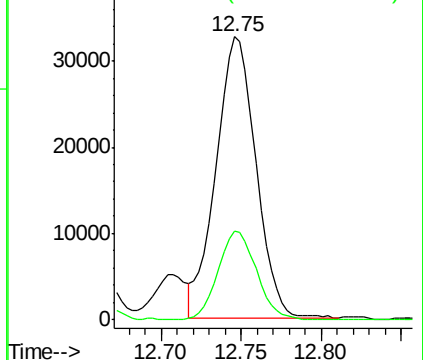
91 100

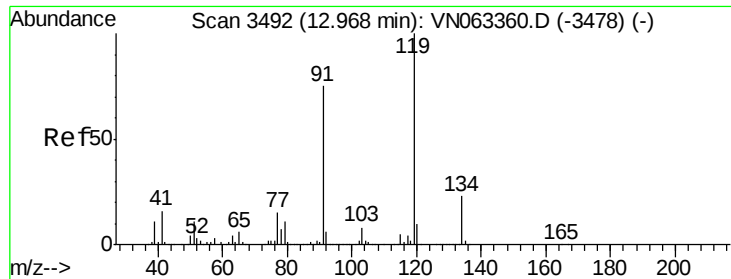
126 30.4 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

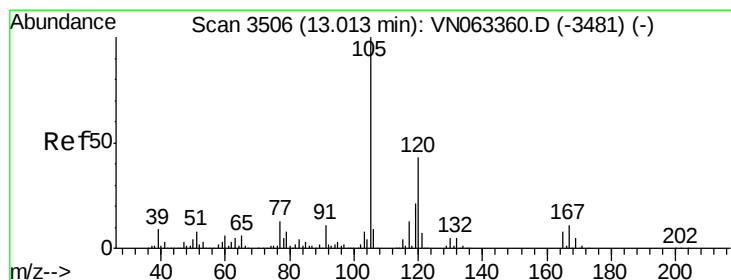
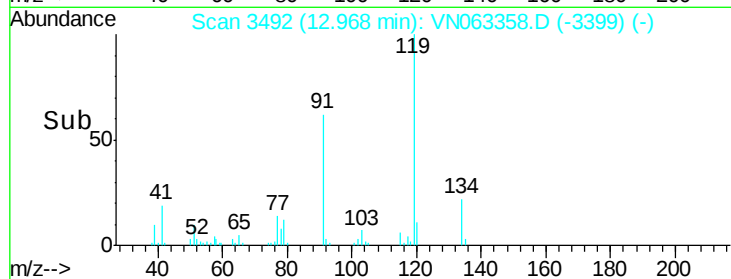
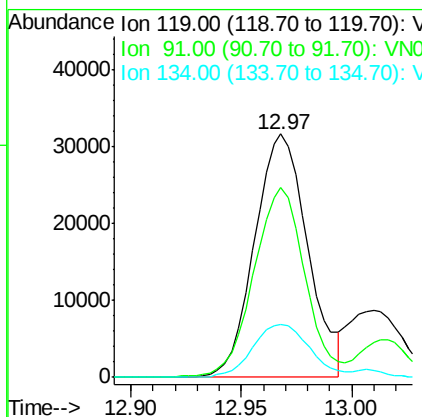
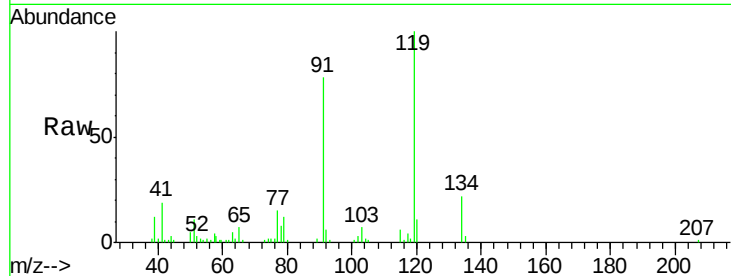




#83
 tert-Butylbenzene
 Concen: 5.014 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

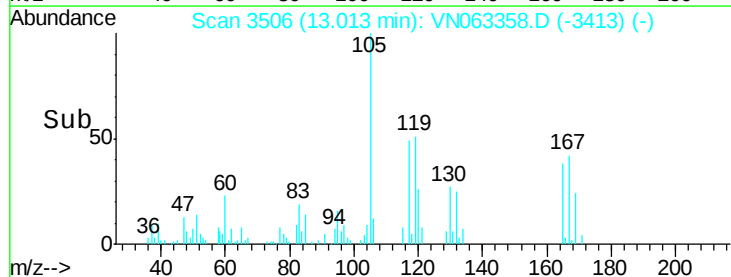
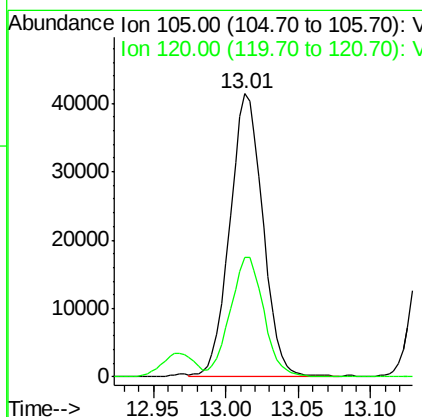
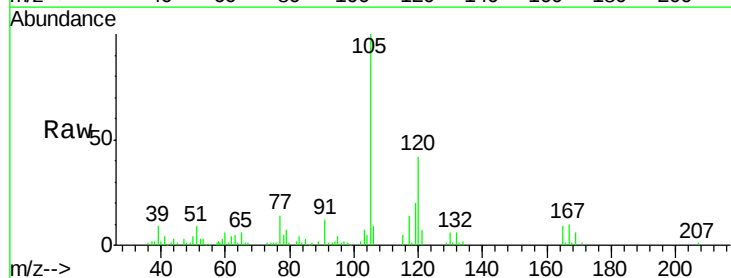
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

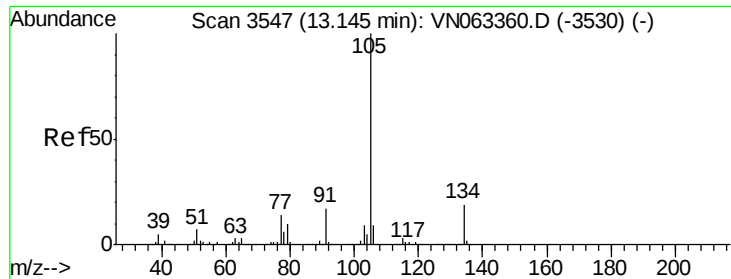
Tgt Ion:119 Resp: 52723
 Ion Ratio Lower Upper
 119 100
 91 75.4 36.3 108.9
 134 23.1 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 5.219 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion:105 Resp: 65454
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.3 63.9

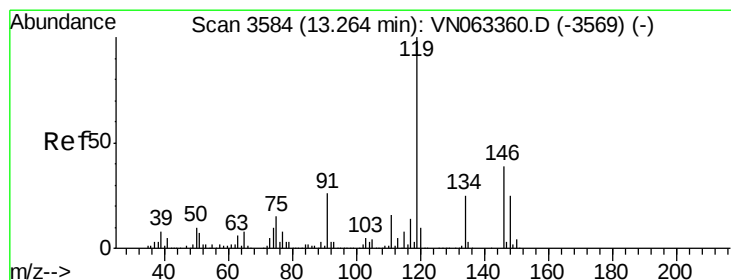
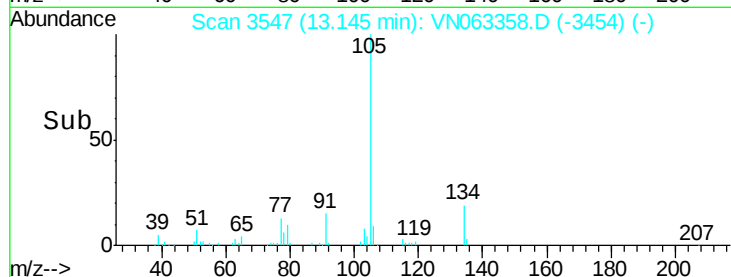
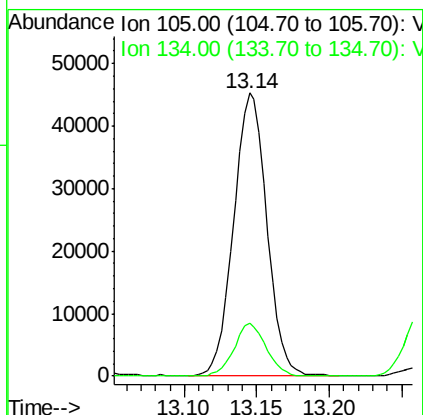
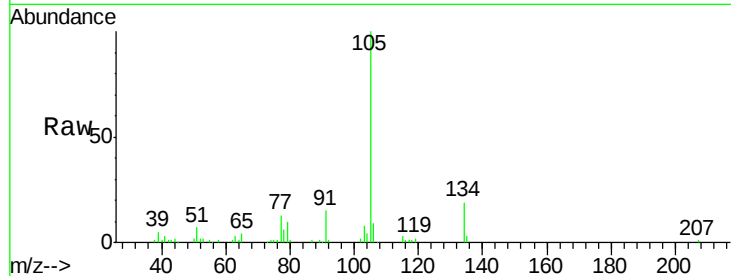




#85
 sec-Butylbenzene
 Concen: 5.363 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

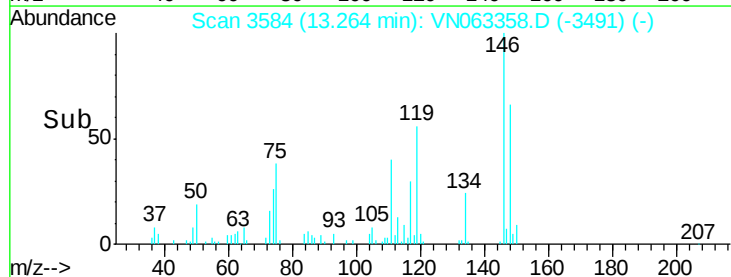
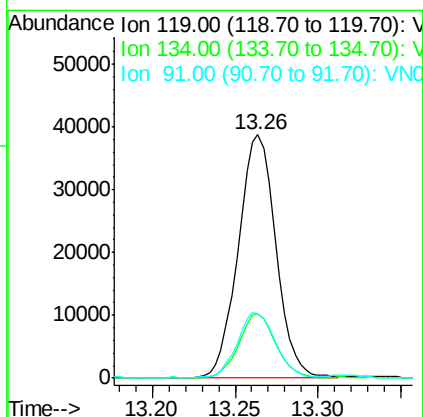
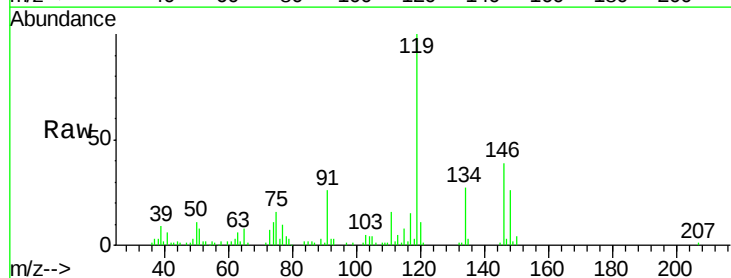
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

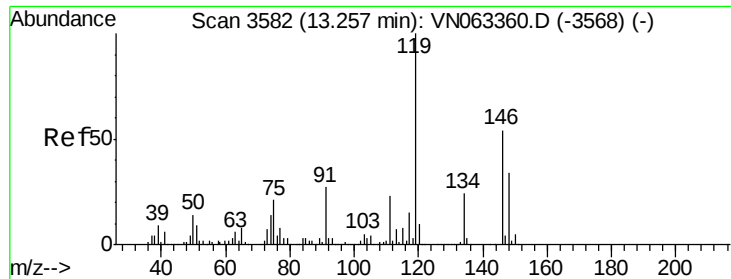
Tgt Ion:105 Resp: 71913
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 5.000 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion:119 Resp: 61330
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.5 37.5
 91 27.3 13.4 40.1

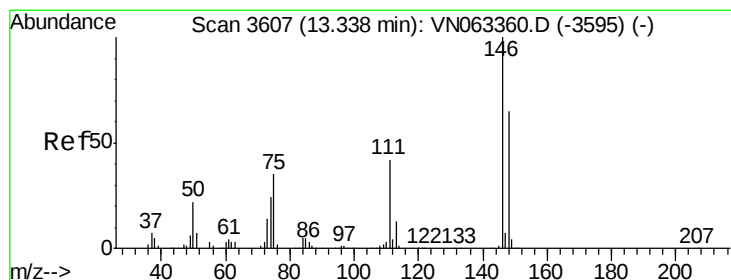
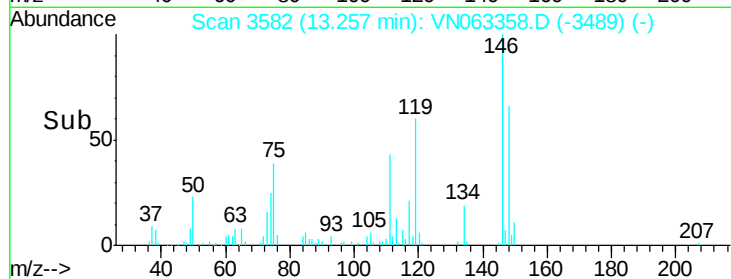
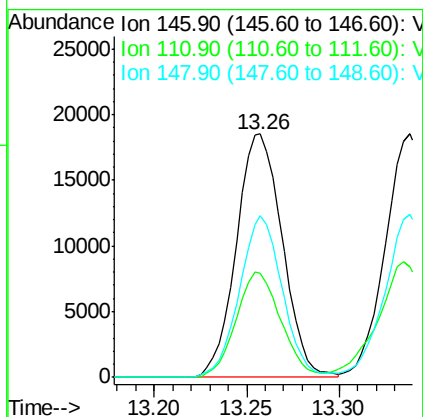
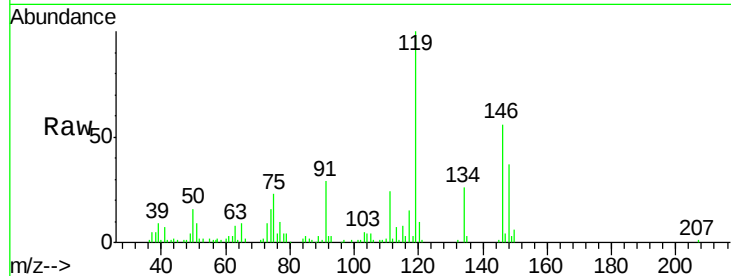




#87
 1,3-Dichlorobenzene
 Concen: 5.093 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

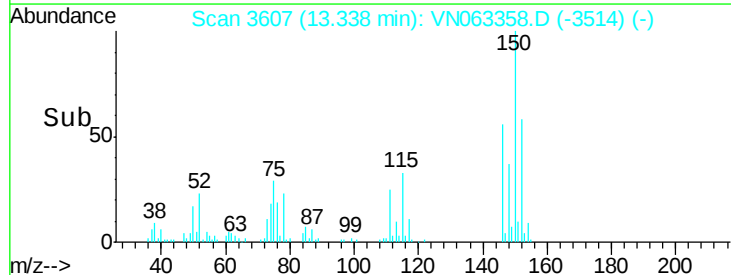
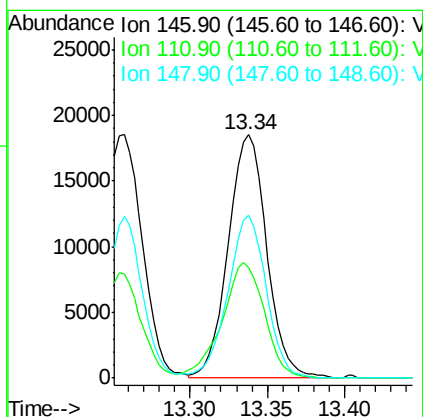
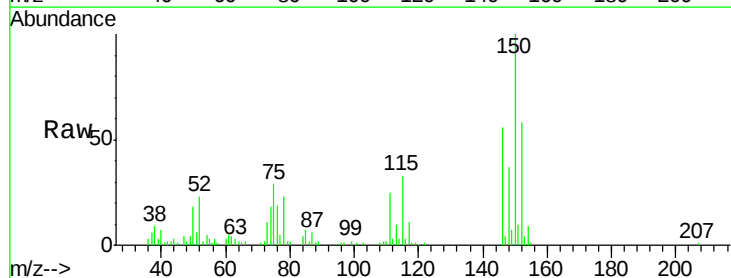
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

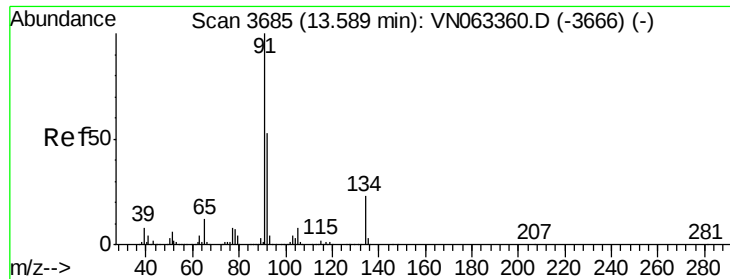
Tgt Ion:146 Resp: 32024
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 61.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 4.897 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion:146 Resp: 32049
 Ion Ratio Lower Upper
 146 100
 111 52.4 21.2 63.6
 148 66.9 31.9 95.9

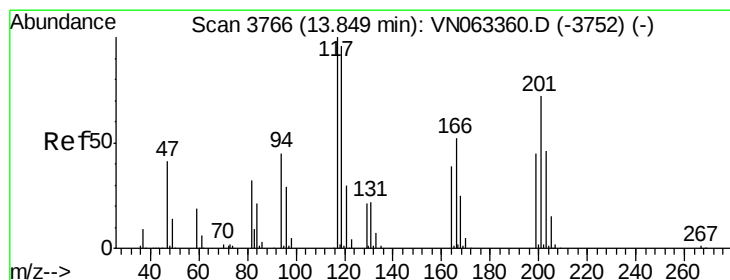
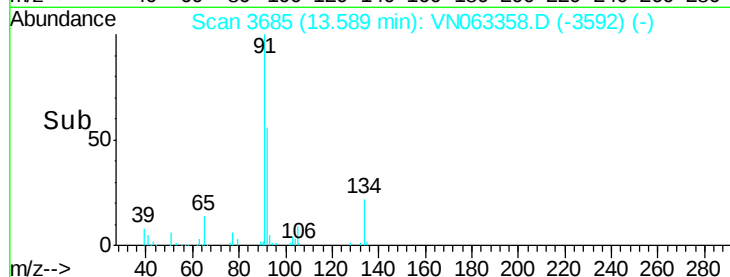
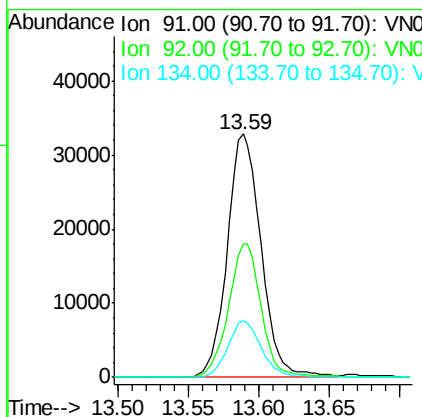
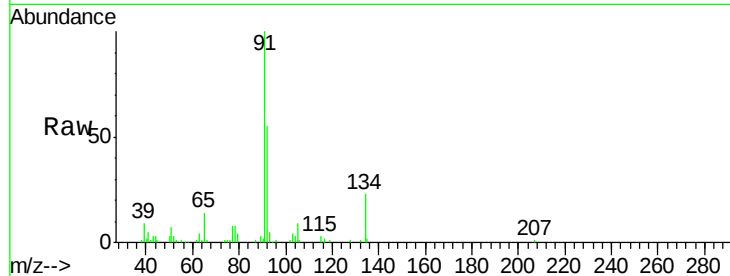




#89
n-Butylbenzene
Concen: 4.978 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

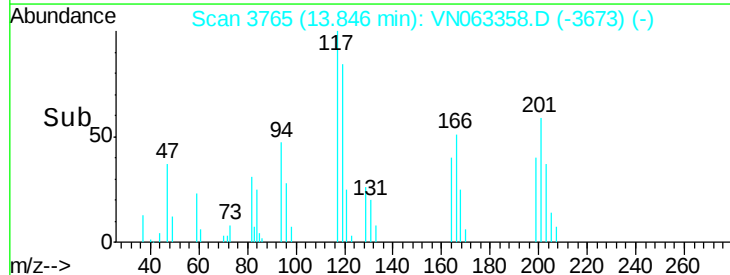
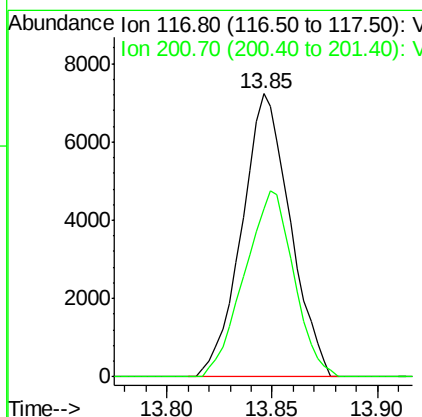
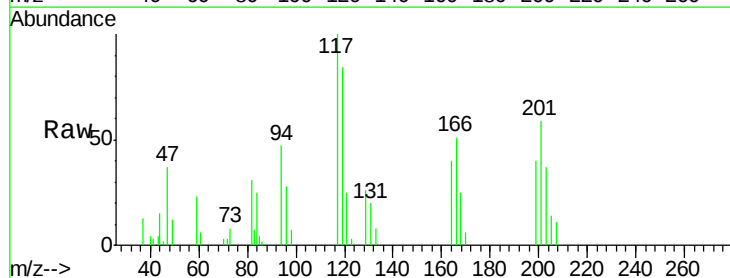
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 55204
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 22.9 11.7 35.0



#90
Hexachloroethane
Concen: 5.644 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion: 117 Resp: 11538
Ion Ratio Lower Upper
117 100
201 66.9 35.5 106.7

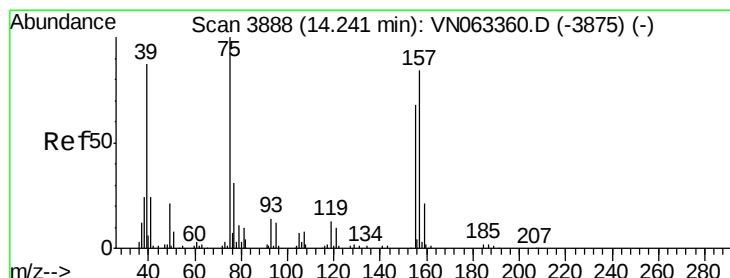
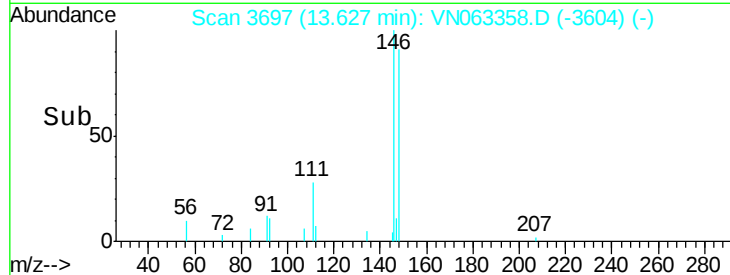
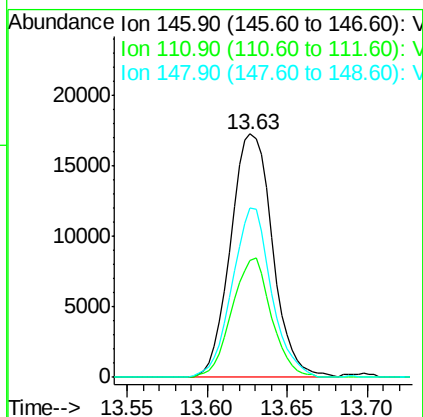
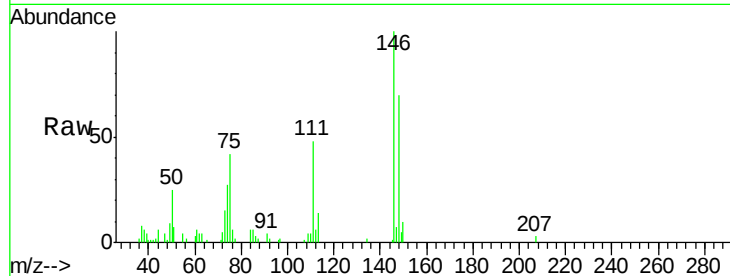




#91
 1,2-Dichlorobenzene
 Concen: 4.949 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

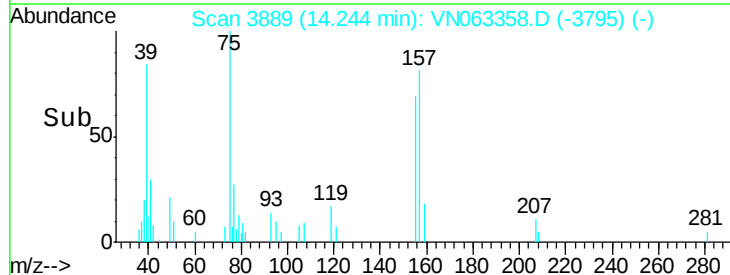
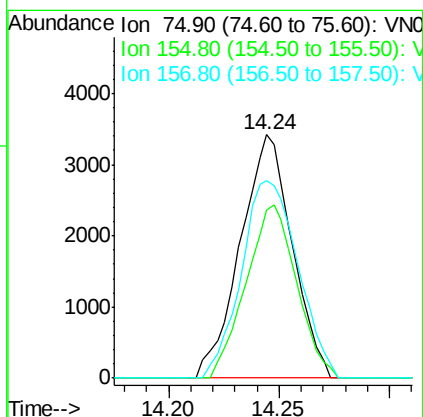
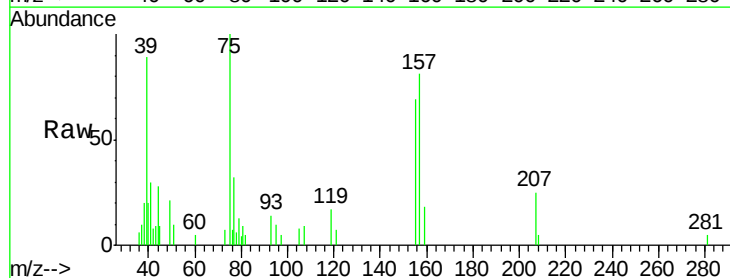
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

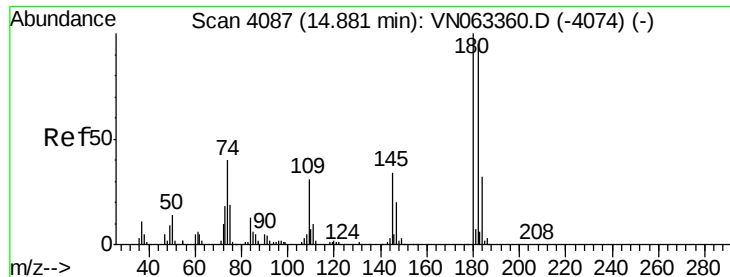
Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.4	67.2
148	65.0	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.628 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	34.6	103.9
157	88.4	43.7	131.1

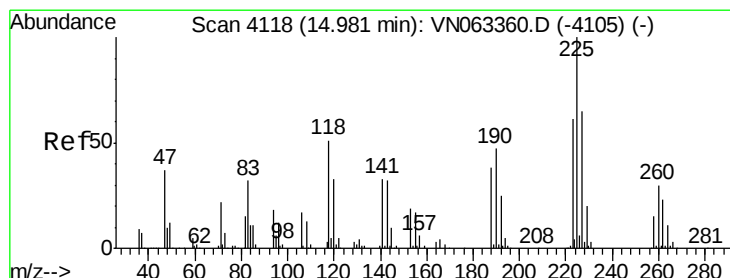
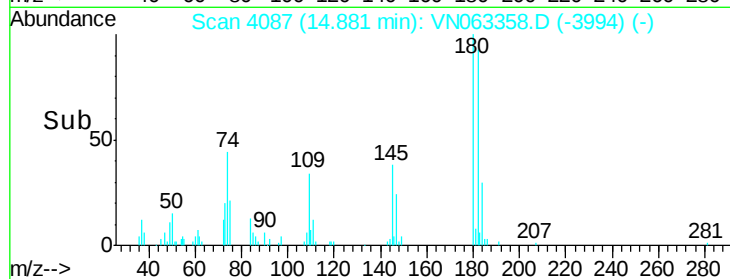
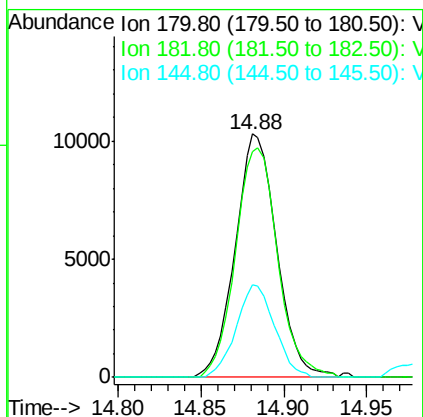
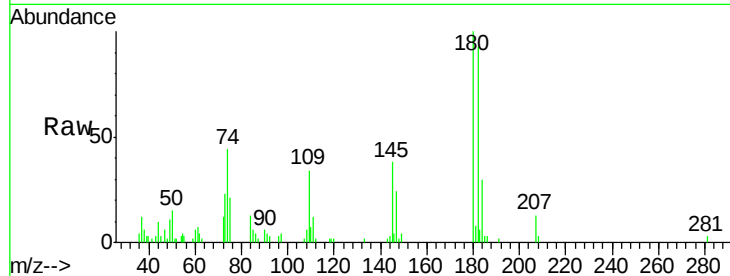




#93
 1,2,4-Trichlorobenzene
 Concen: 4.886 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

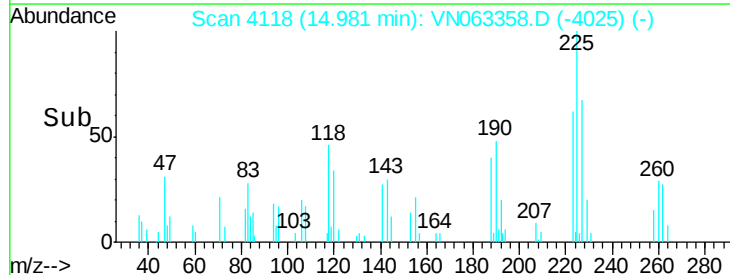
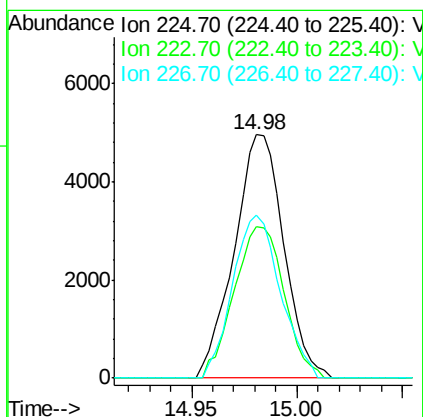
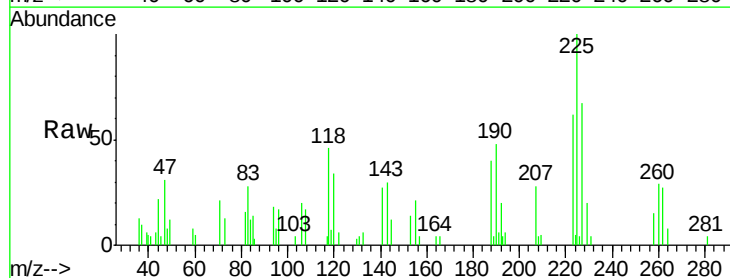
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

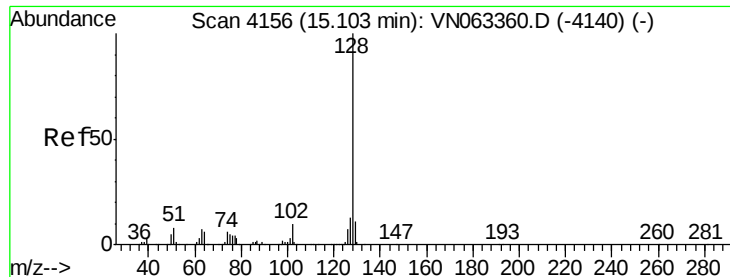
Tgt Ion:180 Resp: 17923
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 35.2 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 5.166 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063358.D
 Acq: 16 Sep 2020 11:08

Tgt Ion:225 Resp: 8110
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.6 91.6
 227 64.1 31.2 93.6

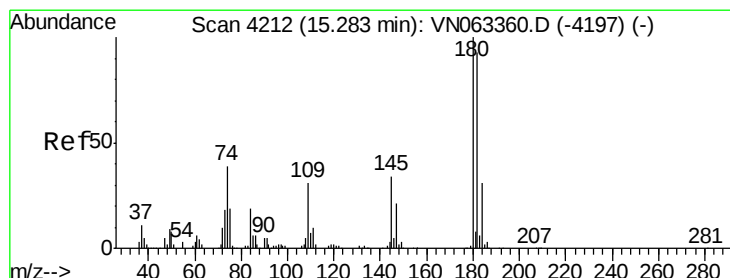
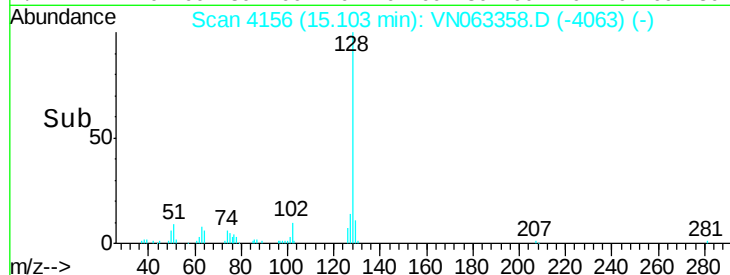
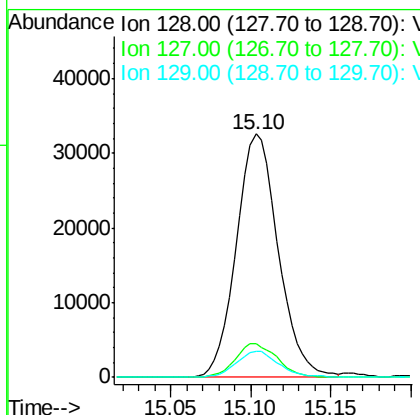
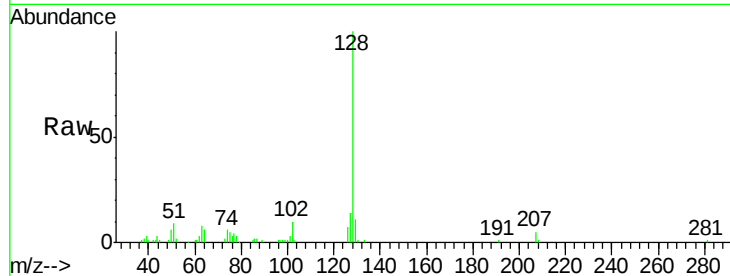




#95
Naphthalene
Concen: 4.866 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 58184
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.727 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063358.D
Acq: 16 Sep 2020 11:08

Tgt Ion:180 Resp: 16964
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.1
145 35.1 16.8 50.3

