

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063258.D
 Acq On : 4 Sep 2020 19:24
 Operator : JC/MD
 Sample : L3886-03 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-31231

Quant Time: Sep 05 07:32:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	557655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	544465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	226747	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
35) Dibromofluoromethane	7.55	113	176307	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
50) Toluene-d8	10.06	98	703571	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.38	95	239299	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1942	0.478	ug/l #	85
5) Bromomethane	2.54	94	2288	0.605	ug/l #	70
7) Trichlorofluoromethane	3.00	101	470	Below Cal	#	39
11) Tert butyl alcohol	4.73	59	2961	5.206	ug/l #	77
13) Acrolein	3.54	56	171	16.509	ug/l #	62
15) Acrylonitrile	4.93	53	299	2.590	ug/l #	22
16) Acetone	3.78	43	22841	17.339	ug/l #	86
17) Carbon Disulfide	4.01	76	4953	0.535	ug/l #	88
21) trans-1,2-Dichloroethene	4.98	96	698	0.203	ug/l #	1
25) 2-Butanone	6.79	43	4619	2.265	ug/l	95
29) Tetrahydrofuran	7.16	42	1189	0.843	ug/l #	50
31) Cyclohexane	7.62	56	9913	Below Cal	#	55
36) 1,1-Dichloropropene	7.76	75	1155	0.215	ug/l #	60
37) Ethyl Acetate	6.89	43	265	0.432	ug/l #	58
38) Carbon Tetrachloride	7.63	117	30672	5.642	ug/l #	15
43) Isopropyl Acetate	8.27	43	10767	1.231	ug/l #	56
49) 1,4-Dioxane	9.17	88	136	2.231	ug/l #	25
51) 4-Methyl-2-Pentanone	9.94	43	1201	0.253	ug/l #	76
52) Toluene	10.13	92	6337	0.646	ug/l	91
68) m/p-Xylenes	11.60	106	2290	0.309	ug/l	89
76) 1,2,3-Trichloropropane	12.38	75	138197	33.946	ug/l #	100
77) Bromobenzene	12.50	156	947	0.263	ug/l #	69
78) n-propylbenzene	12.57	91	4081	0.222	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.38	75	138197	82.048	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.02	105	2940	0.221	ug/l	68
85) sec-Butylbenzene	13.15	105	3748	0.253	ug/l #	78
86) p-Isopropyltoluene	13.27	119	2730	0.208	ug/l #	84
87) 1,3-Dichlorobenzene	13.26	146	2242	0.340	ug/l	85
88) 1,4-Dichlorobenzene	13.26	146	2242	0.328	ug/l	85
89) n-Butylbenzene	13.59	91	3738	0.308	ug/l #	68
91) 1,2-Dichlorobenzene	13.63	146	1419	0.221	ug/l	86
93) 1,2,4-Trichlorobenzene	14.89	180	2106	0.588	ug/l	96
94) Hexachlorobutadiene	14.99	225	1227	0.918	ug/l	85
95) Naphthalene	15.11	128	8462	0.709	ug/l	97

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QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

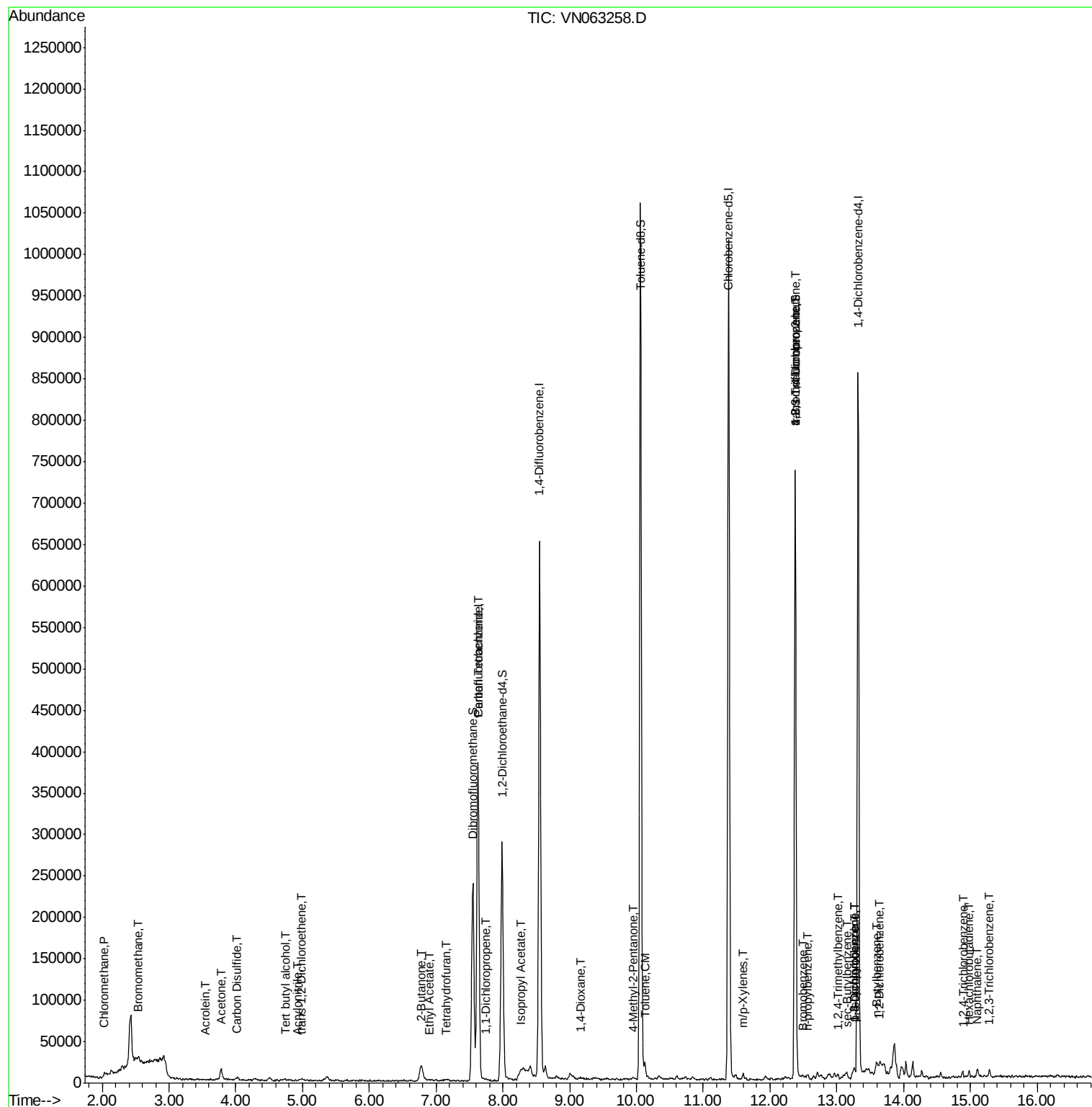
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.29	180	2076	0.595	ug/l	93

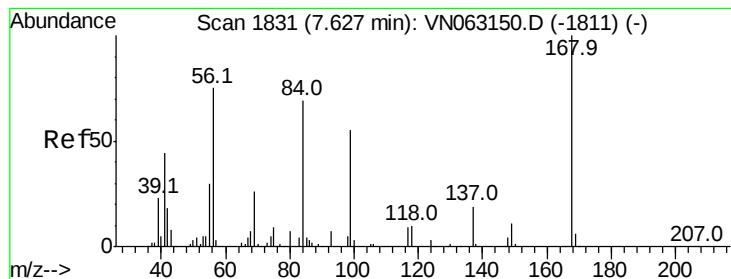
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

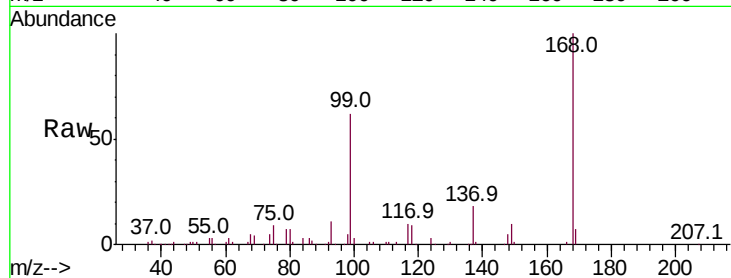
TOTE-31231

Tot Ion:168 Resp: 283472

Ion Ratio Lower Upper

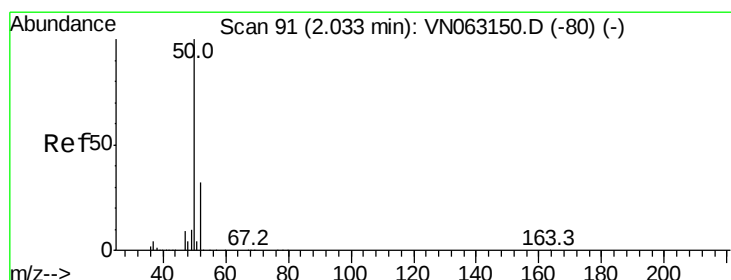
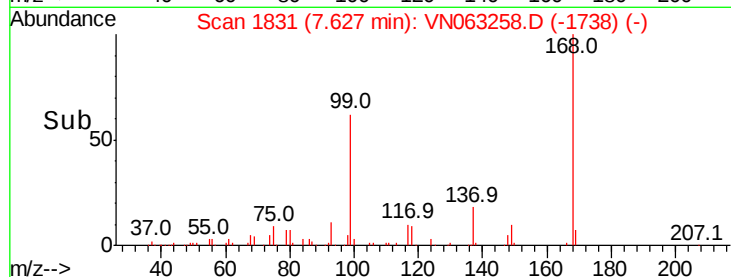
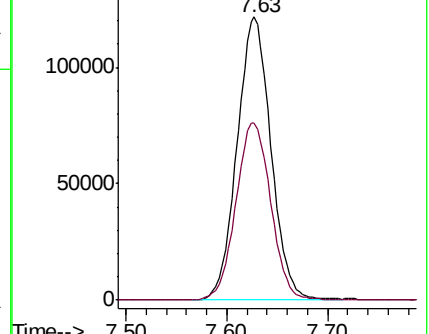
168 100

99 62.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.478 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063258.D

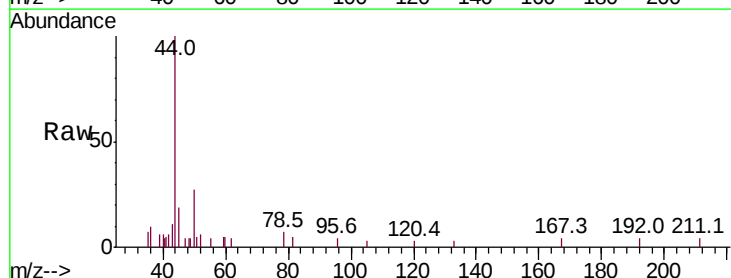
Acq: 4 Sep 2020 19:24

Tgt Ion: 50 Resp: 1942

Ion Ratio Lower Upper

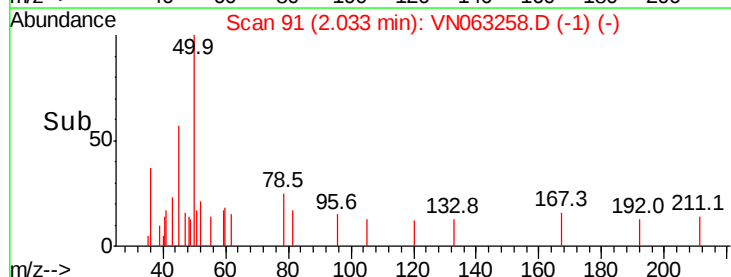
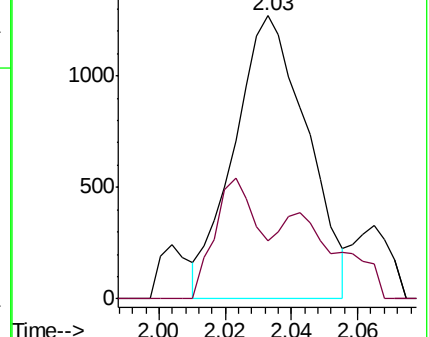
50 100

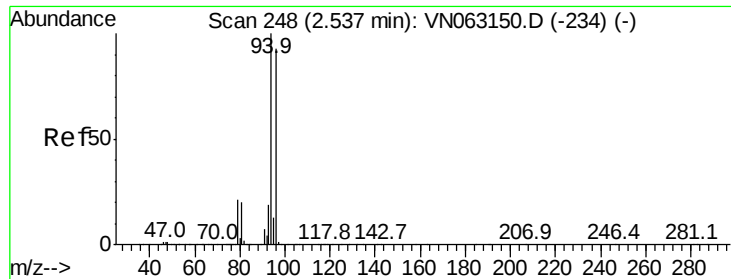
52 23.6 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 0.605 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

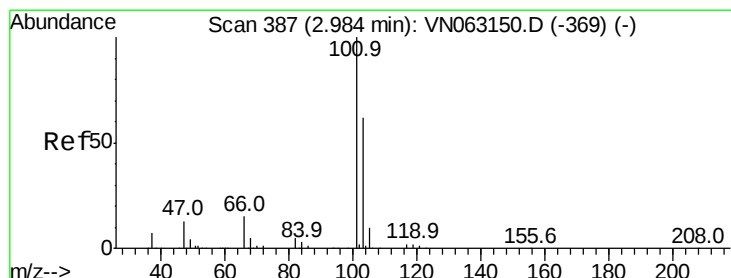
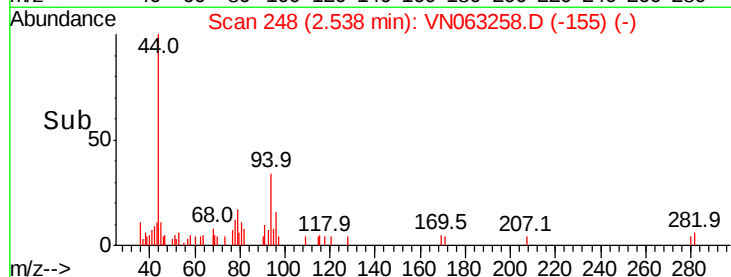
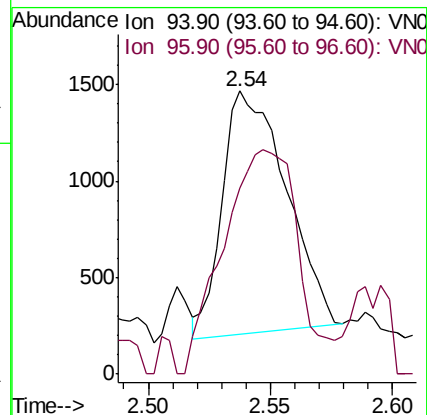
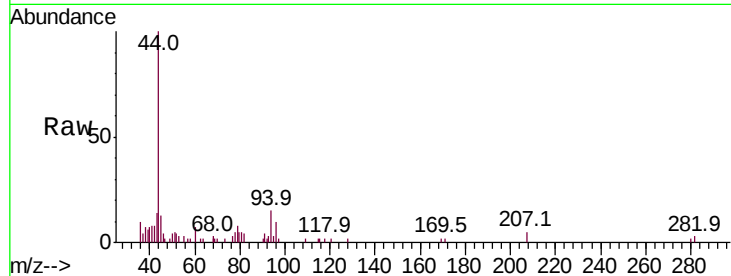
TOTE-31231

Tot Ion: 94 Resp: 2288

Ion Ratio Lower Upper

94 100

96 63.9 74.4 111.6#



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.00 min Scan# 391

Delta R.T. 0.01 min

Lab File: VN063258.D

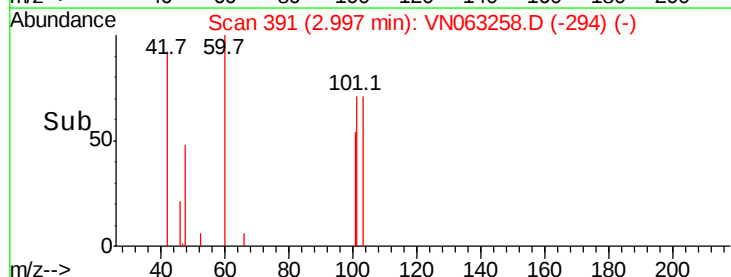
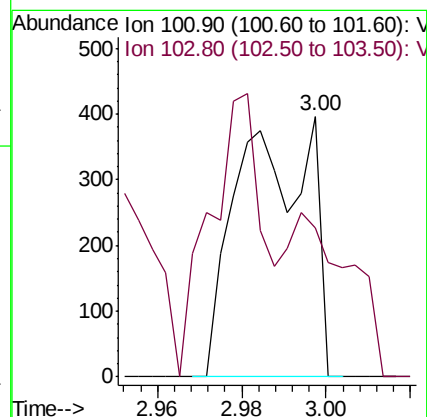
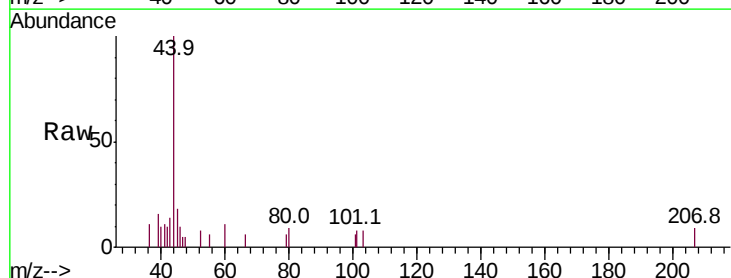
Acq: 4 Sep 2020 19:24

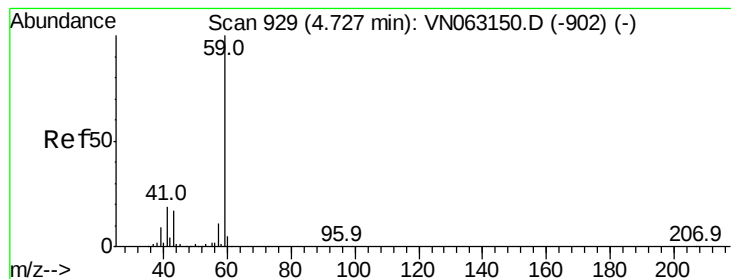
Tgt Ion: 101 Resp: 470

Ion Ratio Lower Upper

101 100

103 15.1 49.7 74.5#



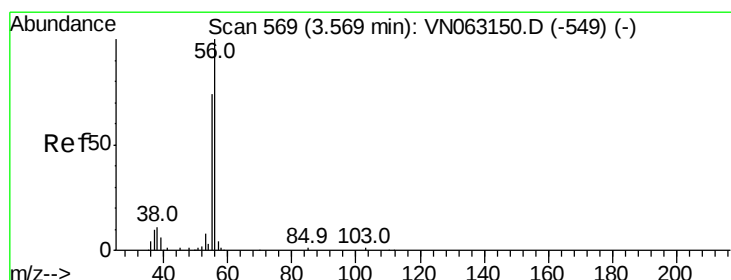
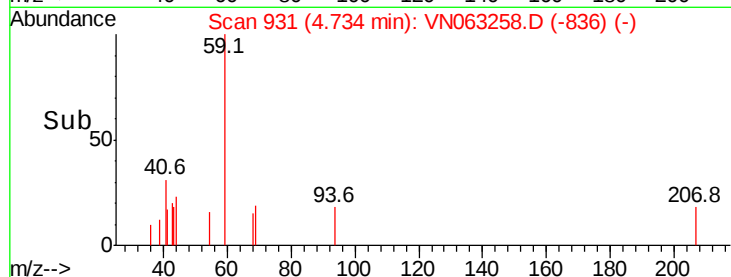
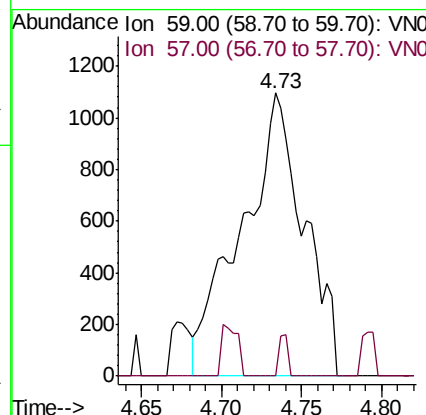
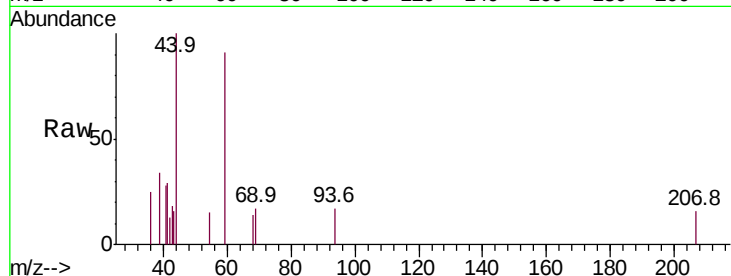


#11

Tert butyl alcohol
 Concen: 5.206 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

Instrument :
 MSVOA_N
 ClientSampled :
 TOTE-31231

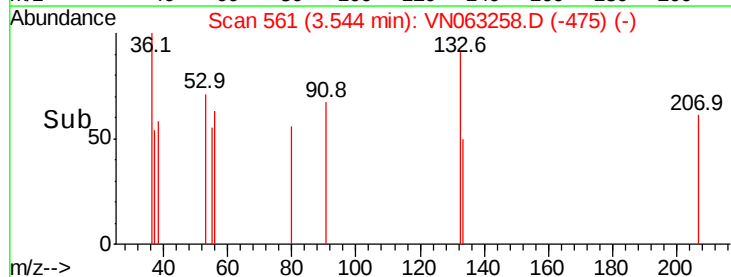
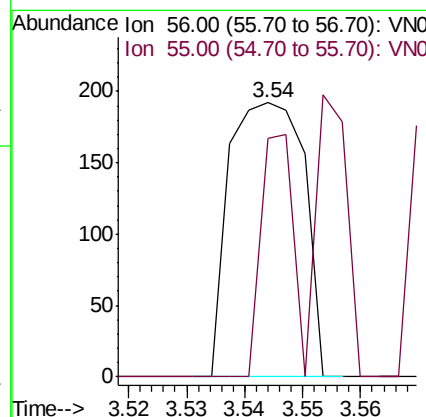
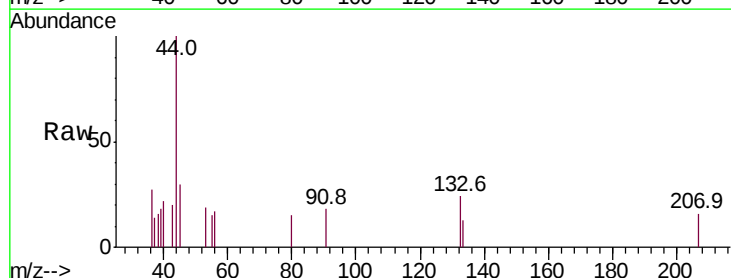
Tot Ion: 59 Resp: 2961
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.4 12.6#

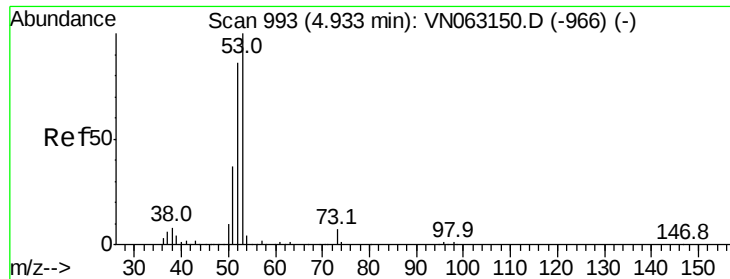


#13

Acrolein
 Concen: 16.509 ug/l
 RT: 3.54 min Scan# 561
 Delta R.T. -0.03 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

Tgt Ion: 56 Resp: 171
 Ion Ratio Lower Upper
 56 100
 55 38.0 55.4 83.0#

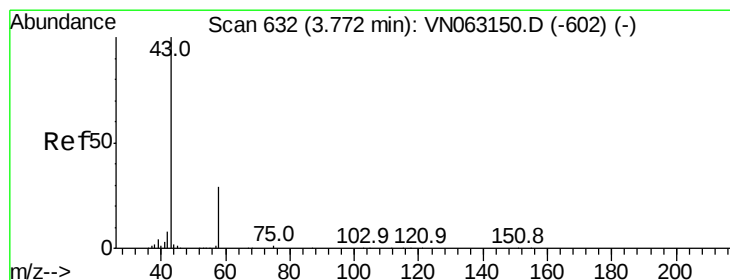
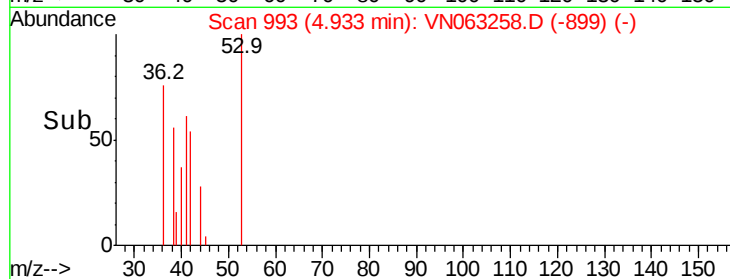
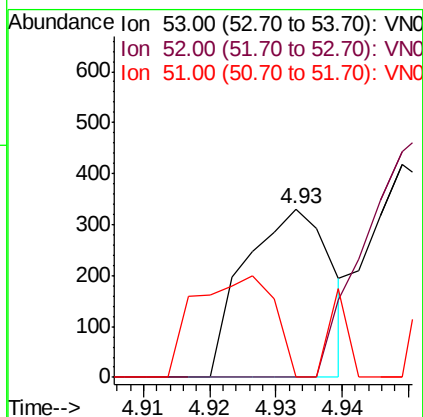
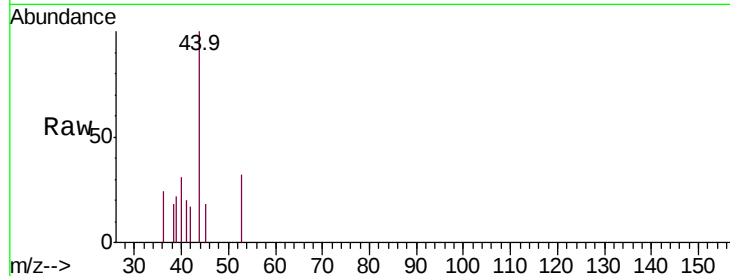




#15
 Acrylonitrile
 Concen: 2.590 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

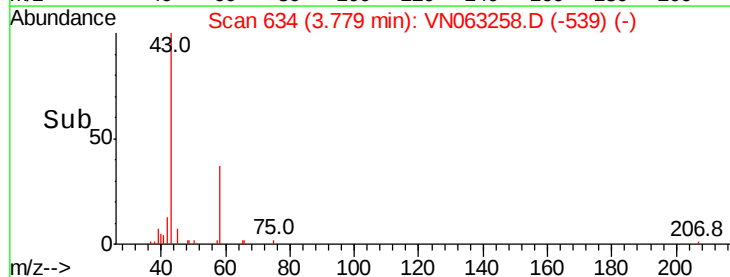
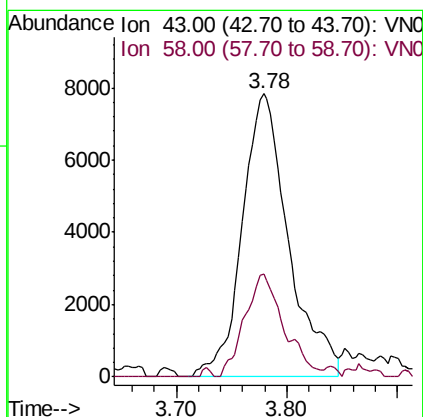
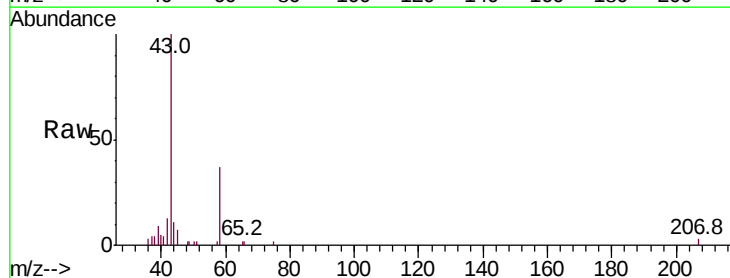
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-31231

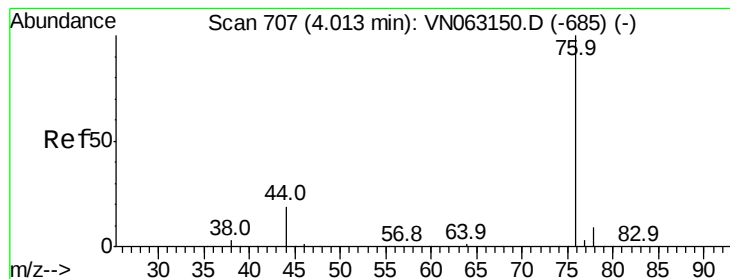
Tot Ion: 53 Resp: 299
 Ion Ratio Lower Upper
 53 100
 52 0.0 67.2 100.8#
 51 11.4 30.2 45.4#



#16
 Acetone
 Concen: 17.339 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

Tgt Ion: 43 Resp: 22841
 Ion Ratio Lower Upper
 43 100
 58 36.6 23.1 34.7#





#17

Carbon Disulfide

Concen: 0.535 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

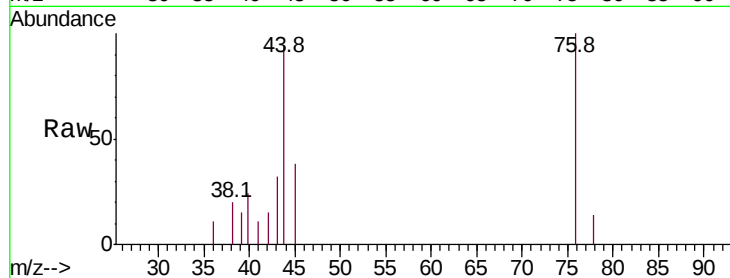
TOTE-31231

Tot Ion: 76 Resp: 4953

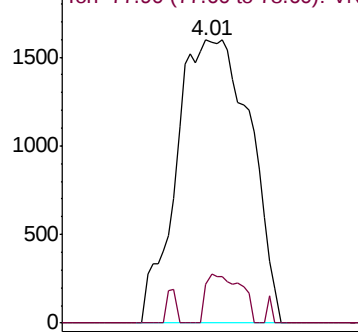
Ion Ratio Lower Upper

76 100

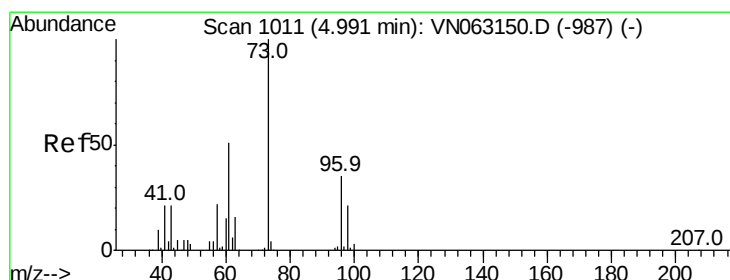
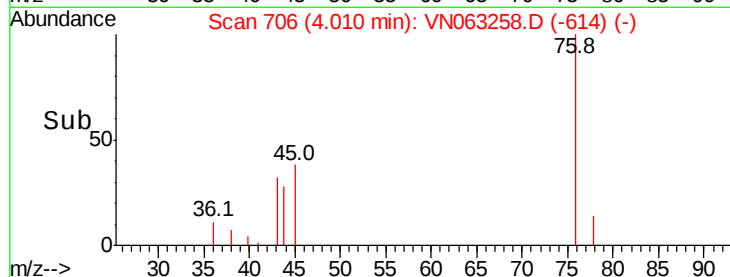
78 13.7 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.203 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

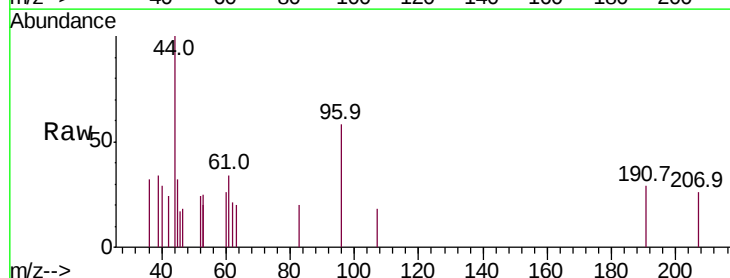
Tgt Ion: 96 Resp: 698

Ion Ratio Lower Upper

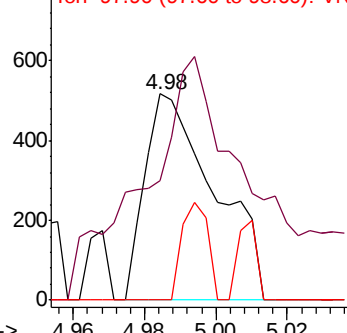
96 100

61 7.4 116.2 174.4#

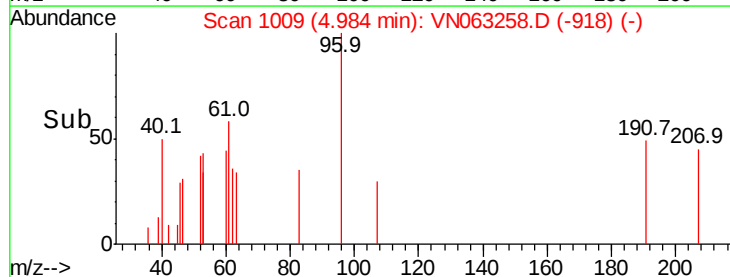
98 0.0 48.0 72.0#

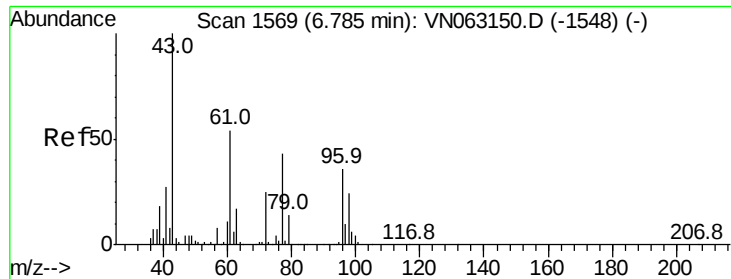


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



Time-->





#25

2-Butanone

Concen: 2.265 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

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ClientSampleId :

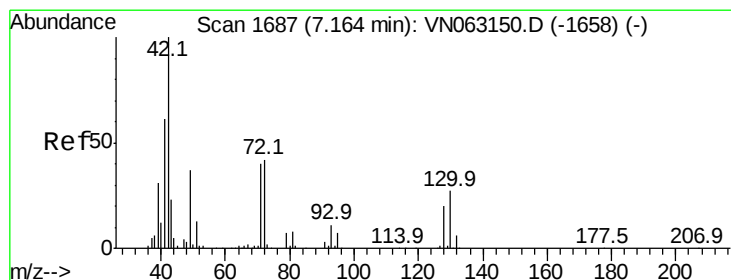
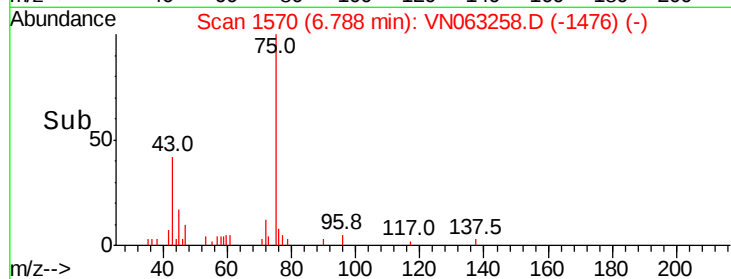
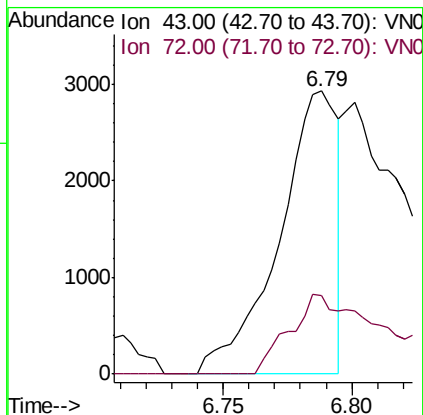
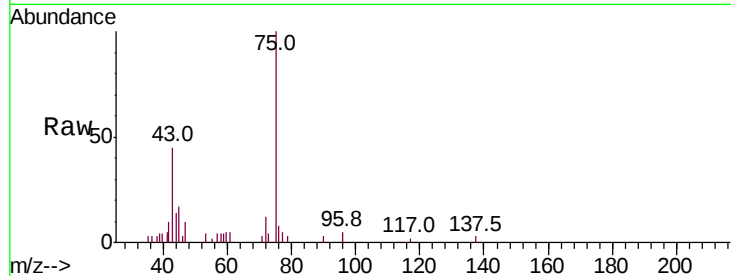
TOTE-31231

Tot Ion: 43 Resp: 4619

Ion Ratio Lower Upper

43 100

72 27.6 20.2 30.4



#29

Tetrahydrofuran

Concen: 0.843 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

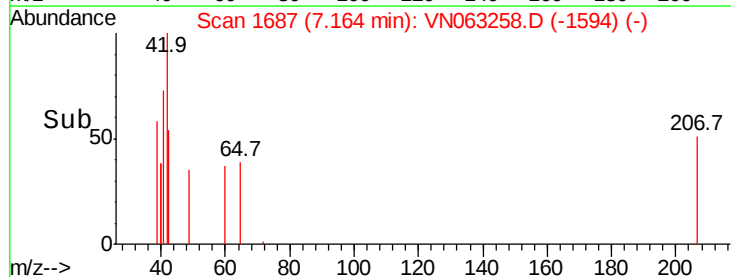
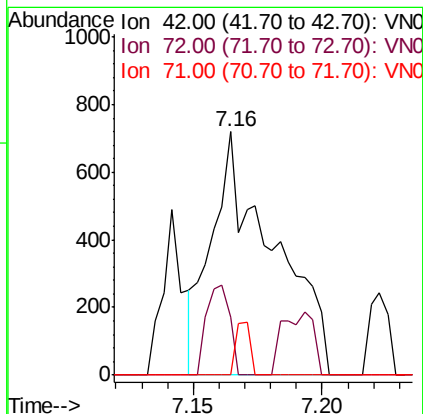
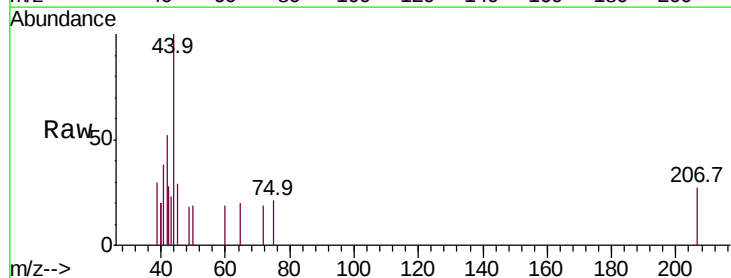
Tgt Ion: 42 Resp: 1189

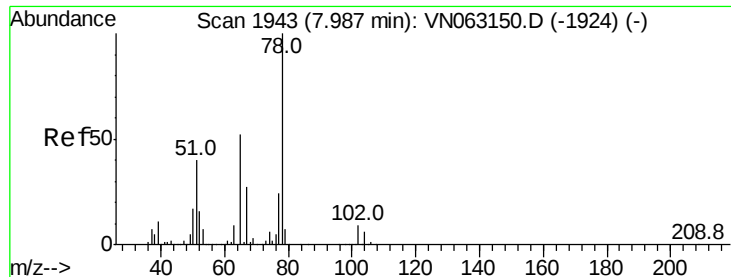
Ion Ratio Lower Upper

42 100

72 14.0 33.9 50.9#

71 5.0 31.9 47.9#





#33

1,2-Dichloroethane-d4

Concen: 48.932 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

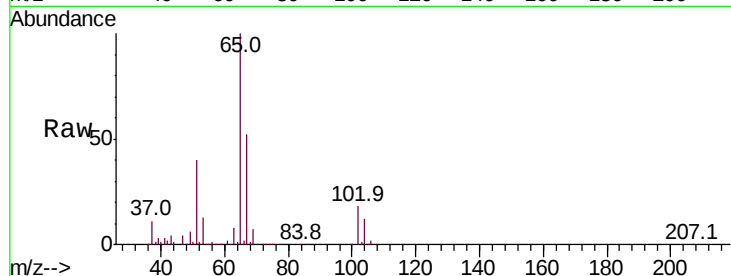
TOTE-31231

Tot Ion: 65 Resp: 226747

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063150.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063150.D (-1924) (-)

7.99

100000

80000

60000

40000

20000

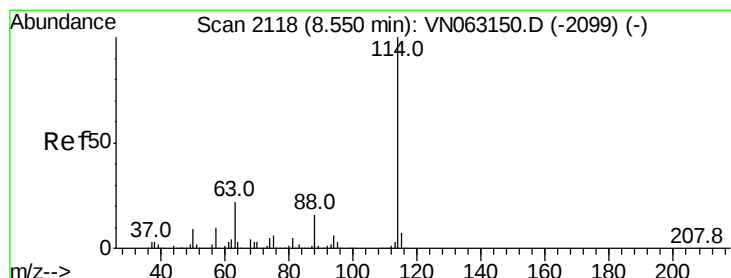
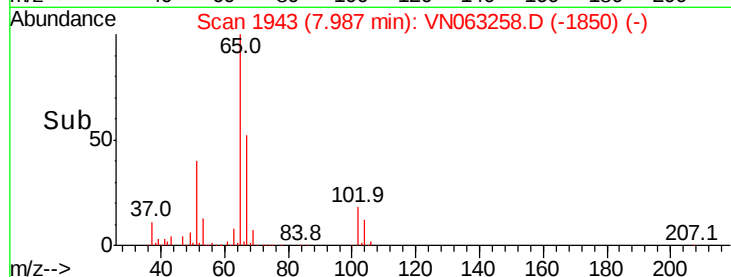
0

Time-->

7.90

8.00

8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

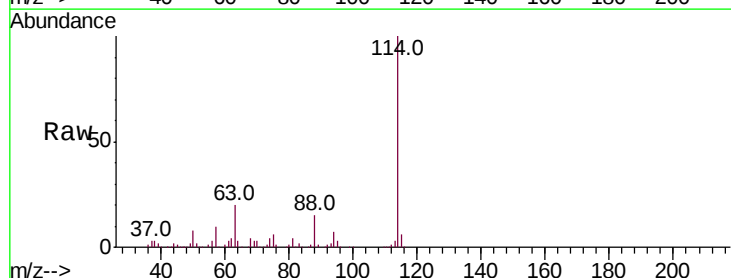
Tgt Ion: 114 Resp: 557655

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.0

88 14.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063150.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063150.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063150.D (-2099) (-)

8.55

300000

200000

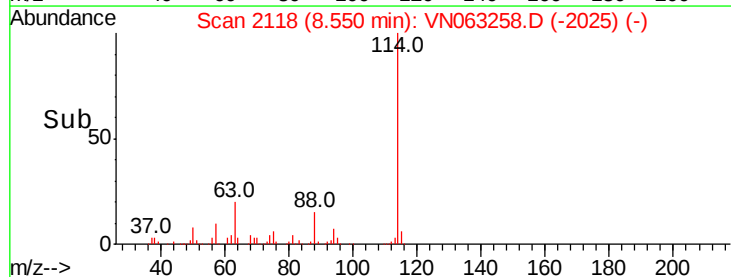
100000

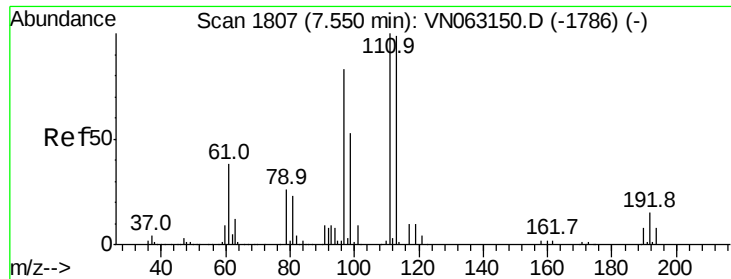
0

Time-->

8.50

8.60

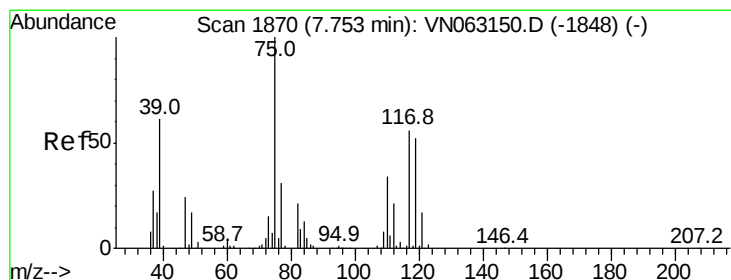
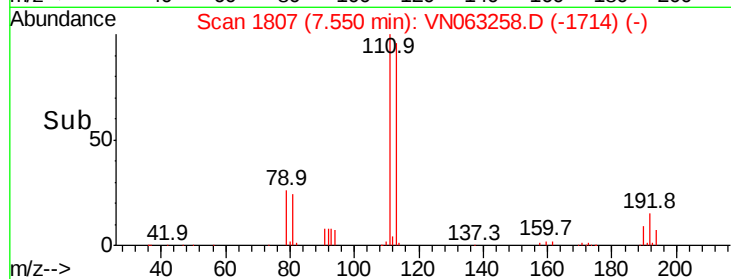
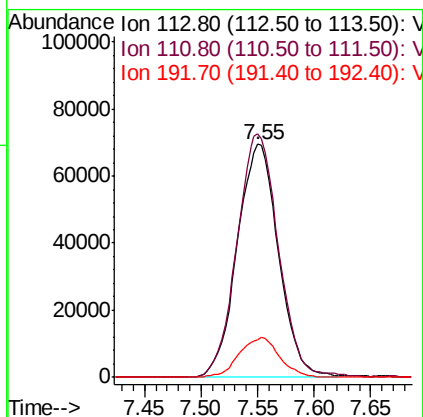
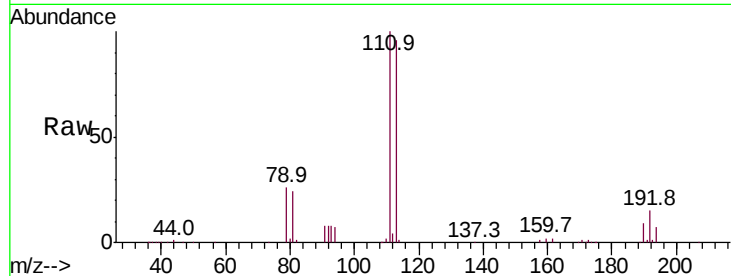




#35
Dibromofluoromethane
Concen: 49.280 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

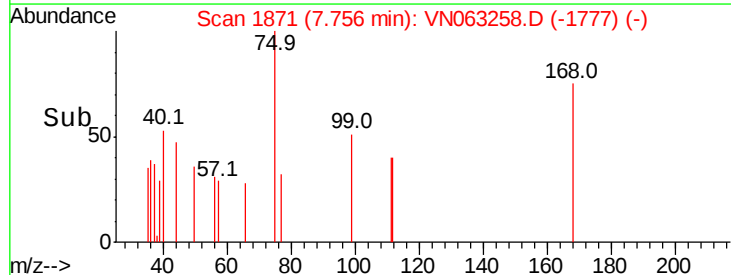
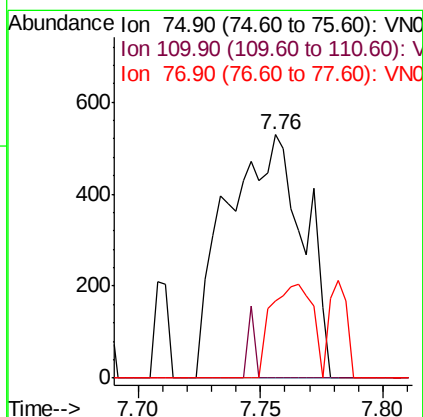
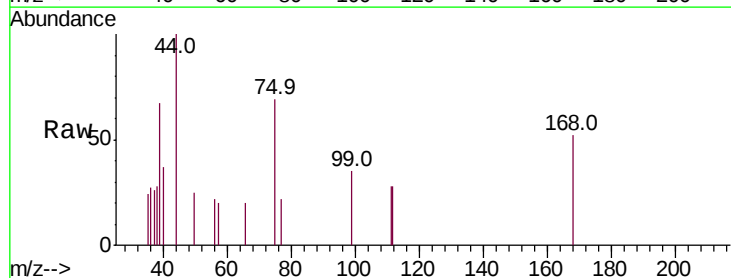
Instrument :
MSVOA_N
ClientSampleId :
TOTE-31231

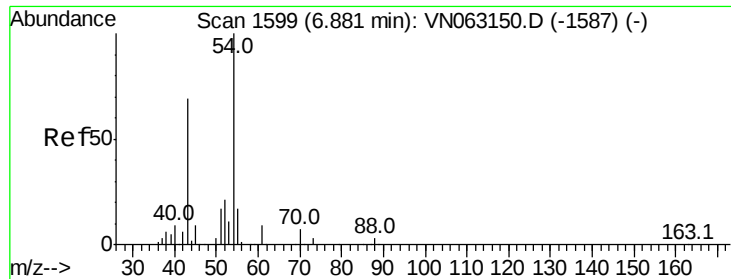
Tot Ion:113 Resp: 176307
Ion Ratio Lower Upper
113 100
111 105.1 80.7 121.1
192 16.7 12.6 19.0



#36
1,1-Dichloropropene
Concen: 0.215 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

Tgt Ion: 75 Resp: 1155
Ion Ratio Lower Upper
75 100
110 0.0 16.6 49.8#
77 20.6 25.4 38.2#

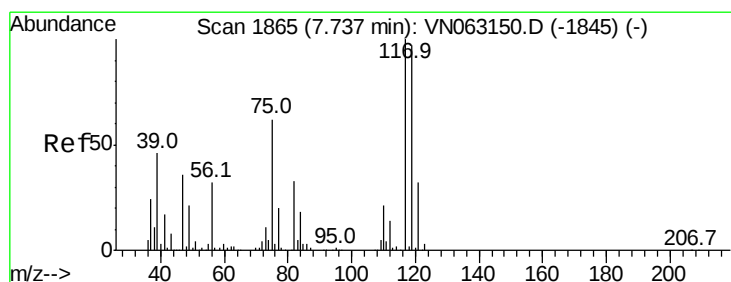
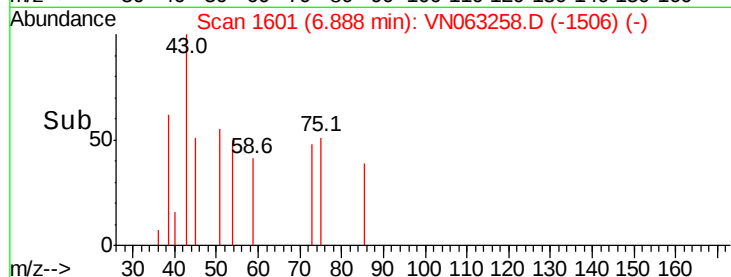
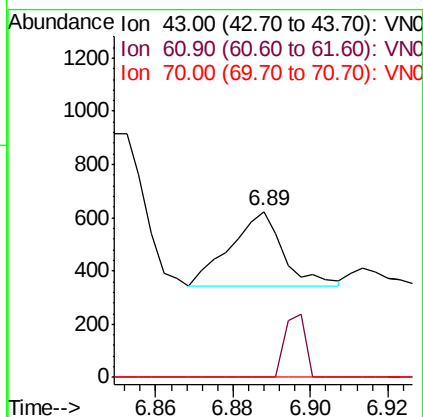
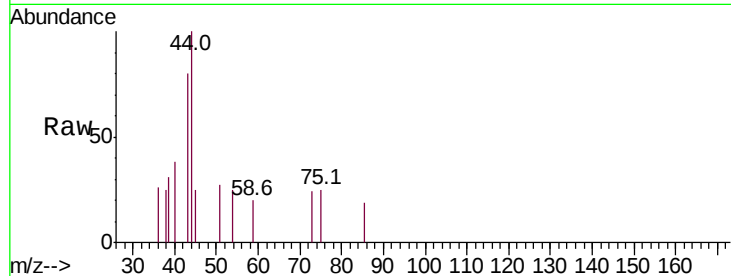




#37
Ethyl Acetate
Concen: 0.432 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

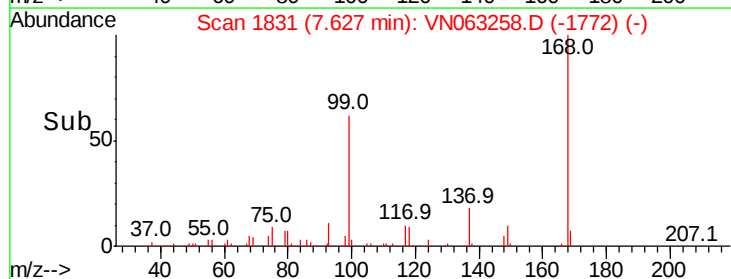
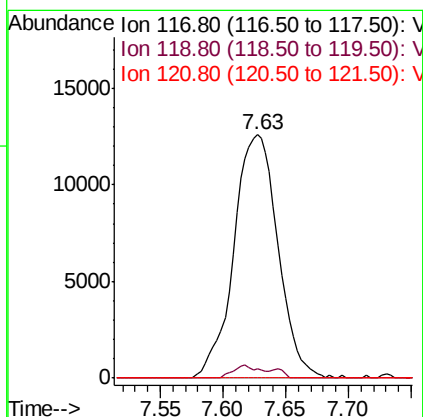
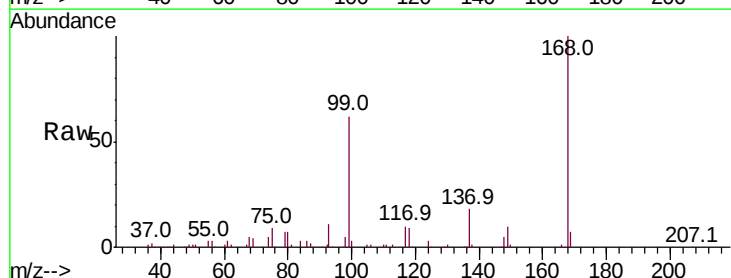
Instrument :
MSVOA_N
ClientSampleId :
TOTE-31231

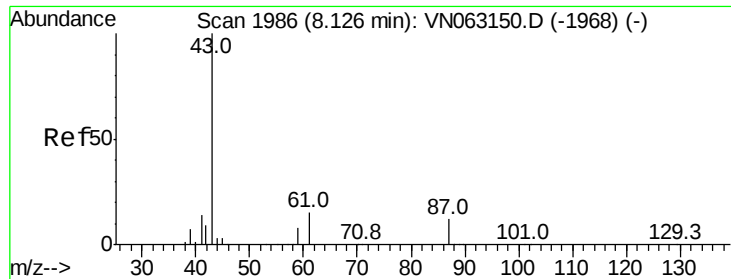
Tot Ion: 43 Resp: 265
Ion Ratio Lower Upper
43 100
61 32.8 10.2 15.4#
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

Tgt Ion: 117 Resp: 30672
Ion Ratio Lower Upper
117 100
119 3.6 77.2 115.8#
121 0.0 25.6 38.4#





#43

Isopropyl Acetate

Concen: 1.231 ug/l

RT: 8.27 min Scan# 2031

Delta R.T. 0.14 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

TOTE-31231

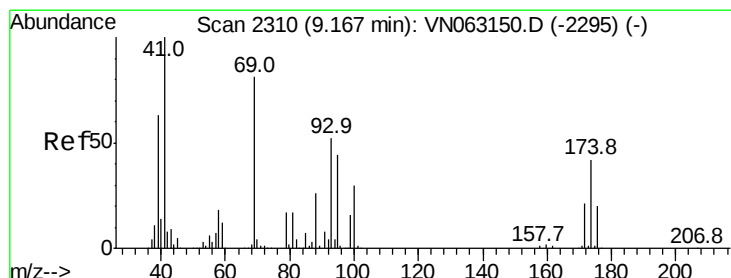
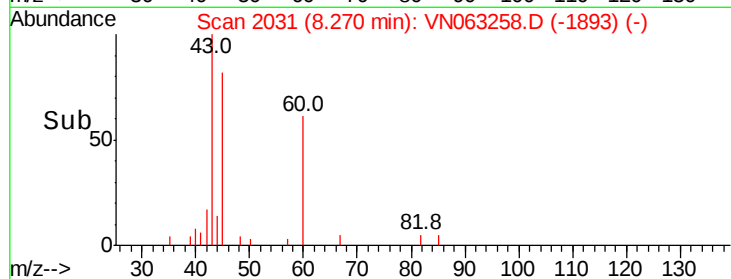
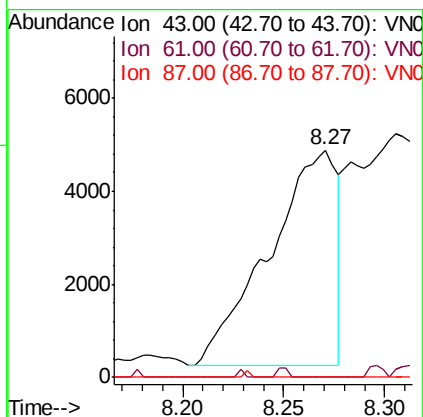
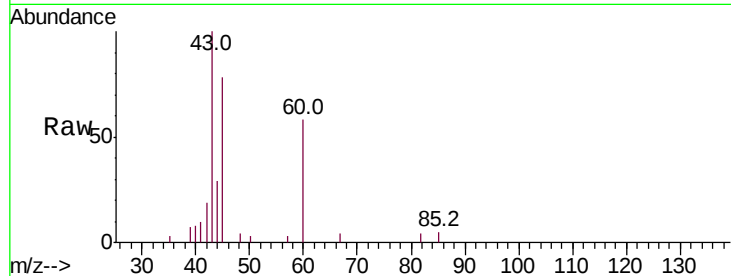
Tot Ion: 43 Resp: 10767

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.4#

87 0.0 9.8 14.6#



#49

1,4-Dioxane

Concen: 2.231 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

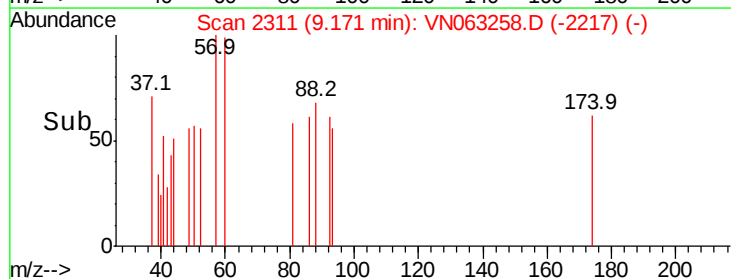
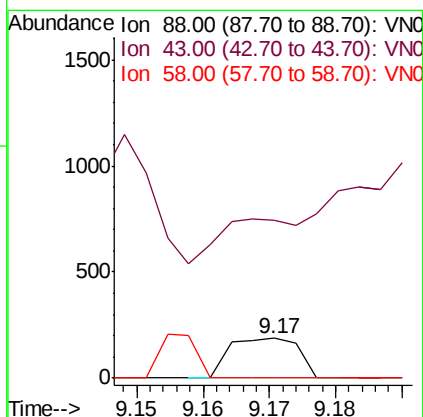
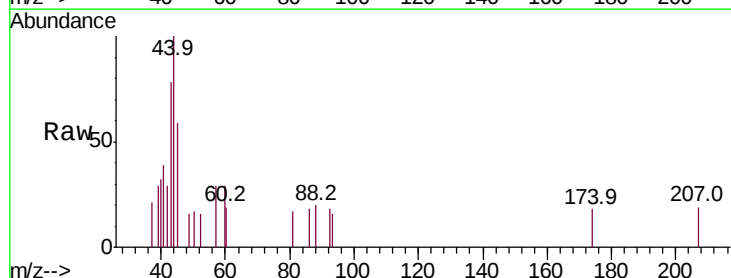
Tgt Ion: 88 Resp: 136

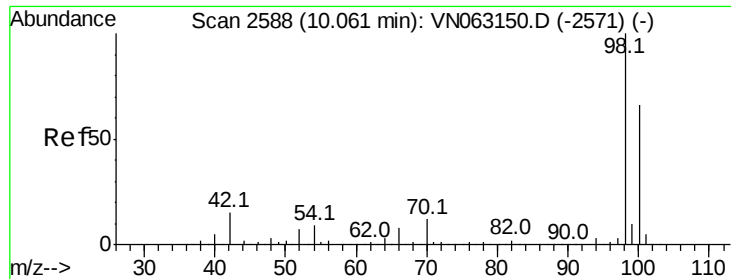
Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 0.0 53.2 79.8#





#50

Toluene-d8

Concen: 51.093 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampleId :

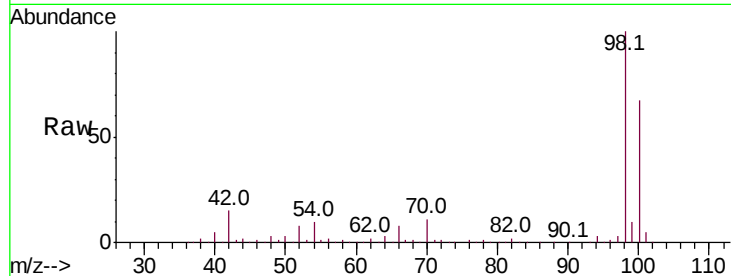
TOTE-31231

Tot Ion: 98 Resp: 703571

Ion Ratio Lower Upper

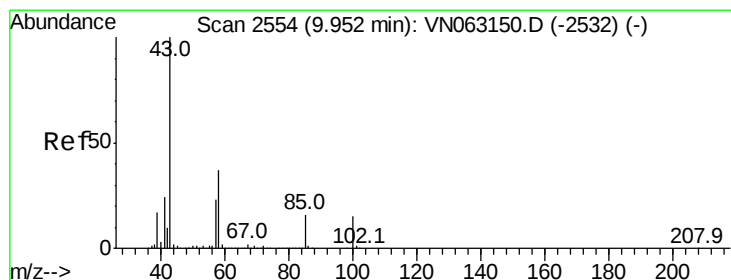
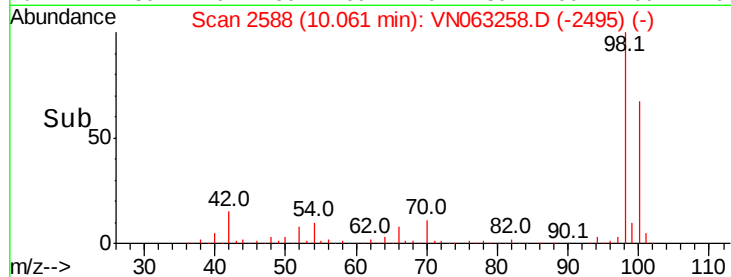
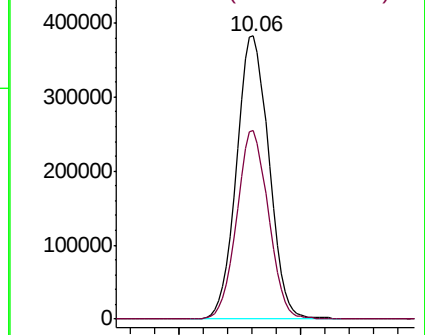
98 100

100 65.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.253 ug/l

RT: 9.94 min Scan# 2550

Delta R.T. -0.01 min

Lab File: VN063258.D

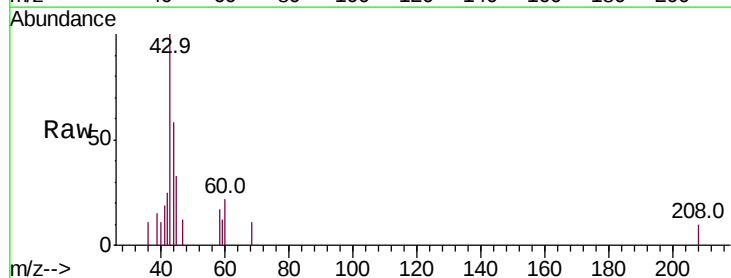
Acq: 4 Sep 2020 19:24

Tgt Ion: 43 Resp: 1201

Ion Ratio Lower Upper

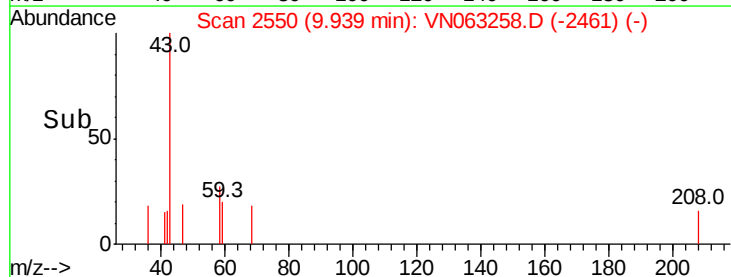
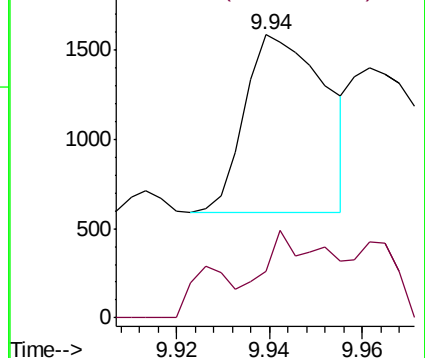
43 100

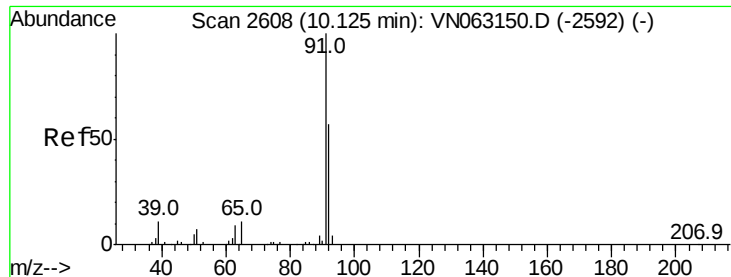
58 22.1 29.2 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.646 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

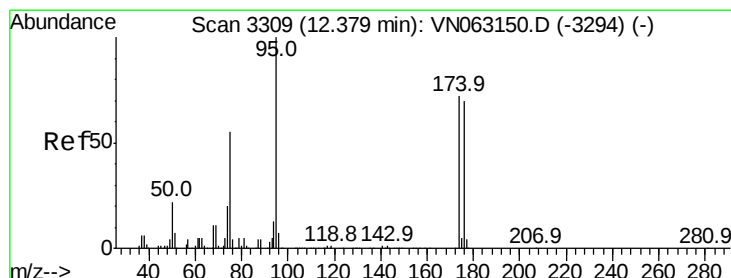
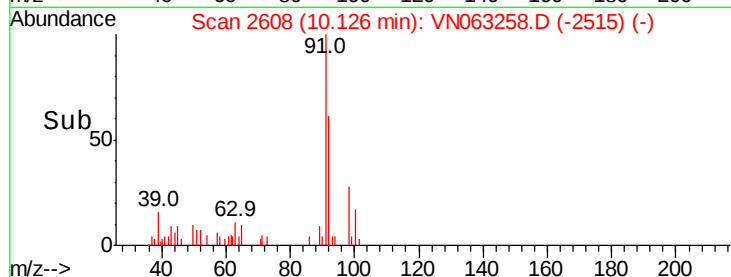
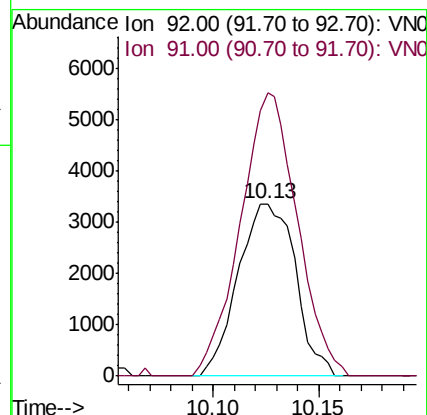
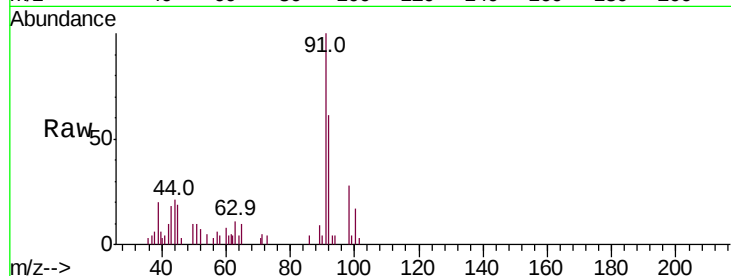
TOTE-31231

Tot Ion: 92 Resp: 6337

Ion Ratio Lower Upper

92 100

91 163.3 141.2 211.8



#62

4-Bromofluorobenzene

Concen: 49.679 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

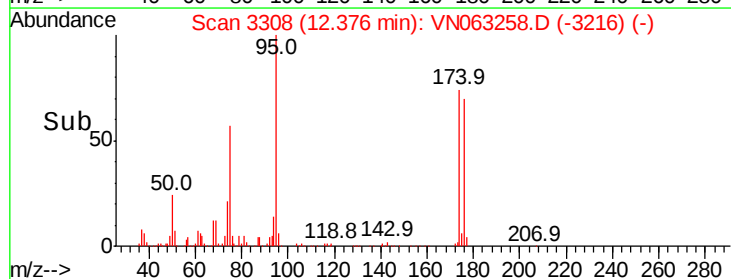
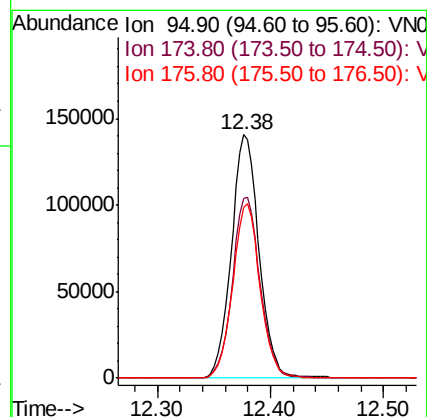
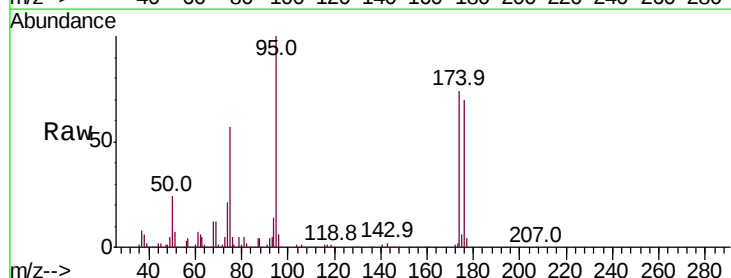
Tgt Ion: 95 Resp: 239299

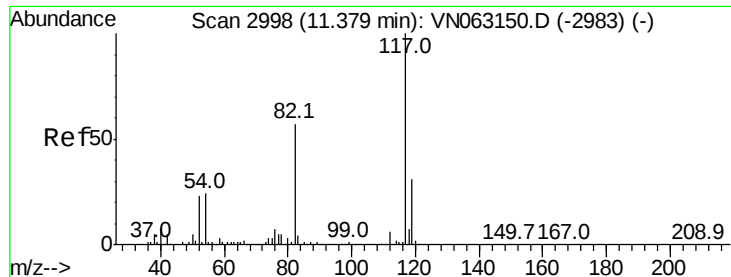
Ion Ratio Lower Upper

95 100

174 74.2 0.0 143.8

176 70.6 0.0 138.4

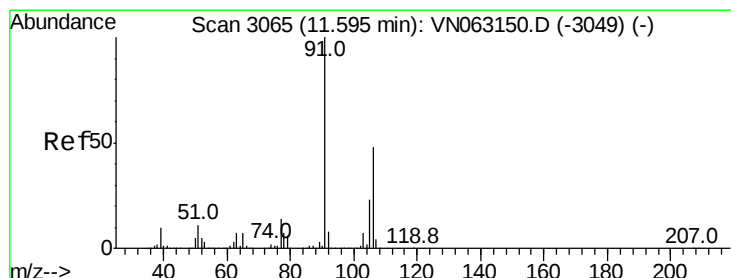
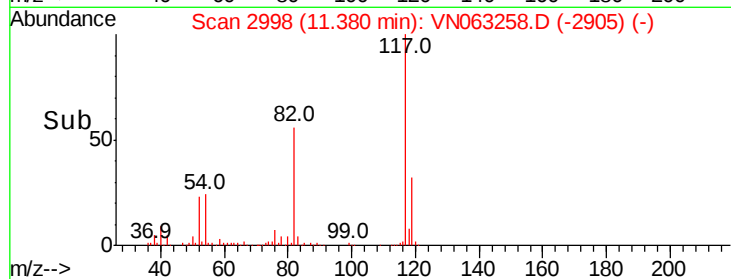
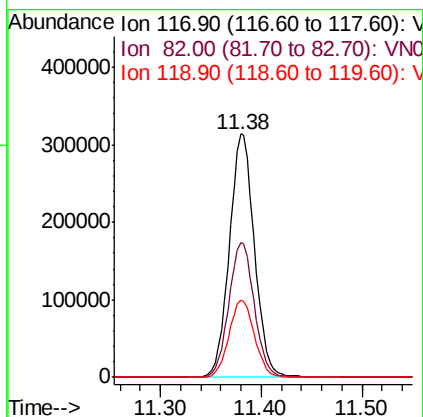
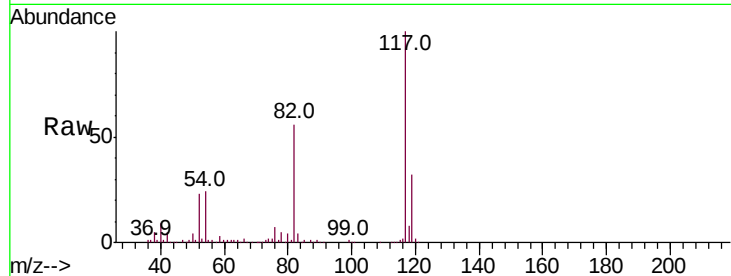




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

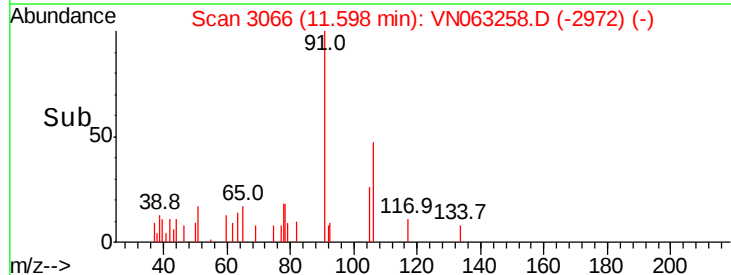
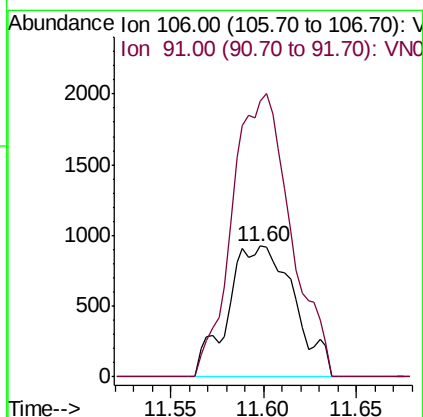
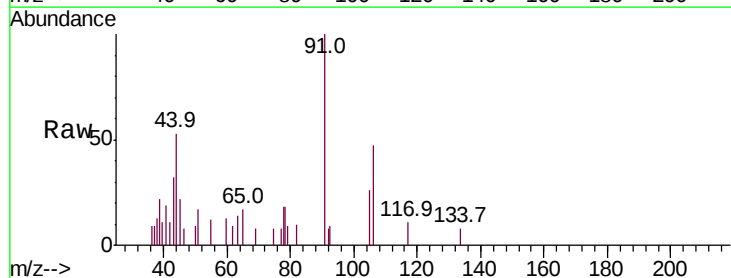
Instrument :
MSVOA_N
ClientSampleId :
TOTE-31231

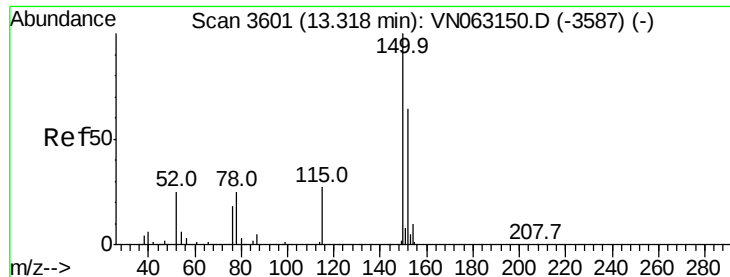
Tot Ion:117 Resp: 544465
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.5 24.6 37.0



#68
m/p-Xylenes
Concen: 0.309 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

Tgt Ion:106 Resp: 2290
Ion Ratio Lower Upper
106 100
91 191.6 166.7 250.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

TOTE-31231

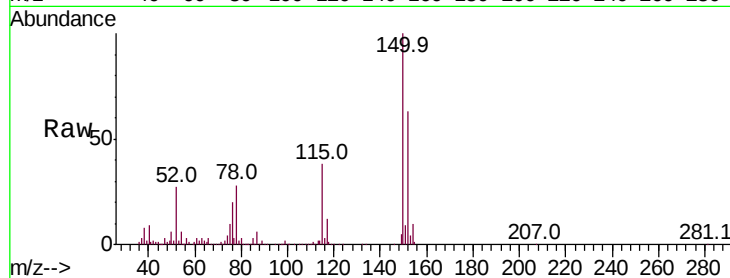
Tot Ion:152 Resp: 207199

Ion Ratio Lower Upper

152 100

115 62.0 32.0 96.2

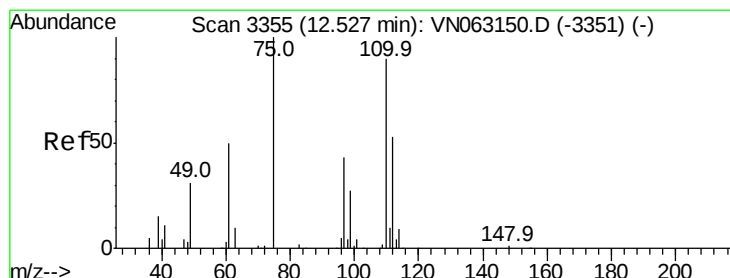
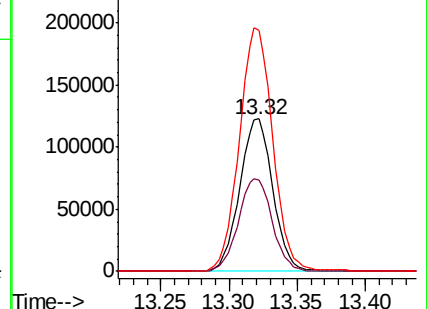
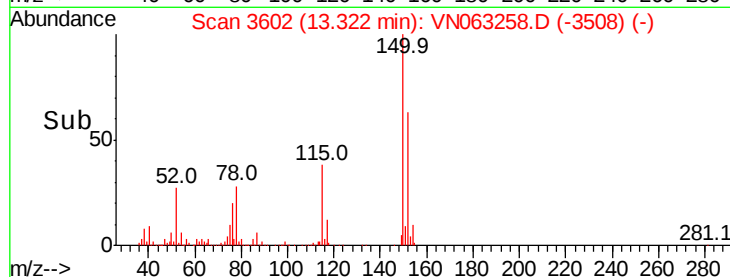
150 161.0 0.0 353.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 33.946 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063258.D

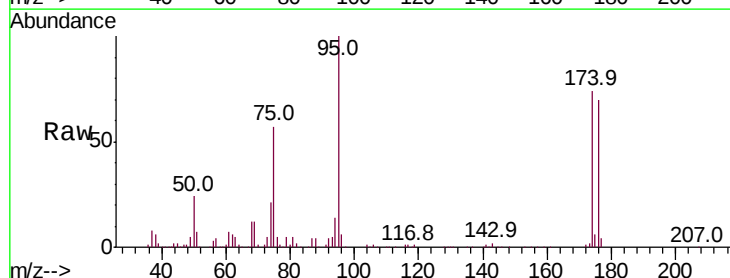
Acq: 4 Sep 2020 19:24

Tgt Ion: 75 Resp: 138197

Ion Ratio Lower Upper

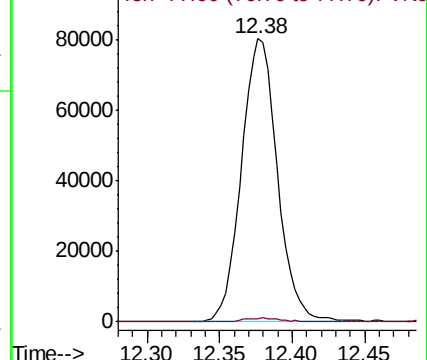
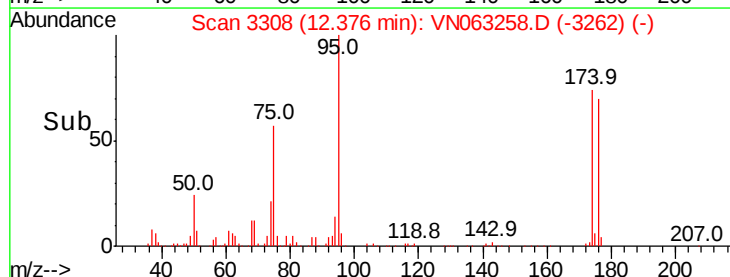
75 100

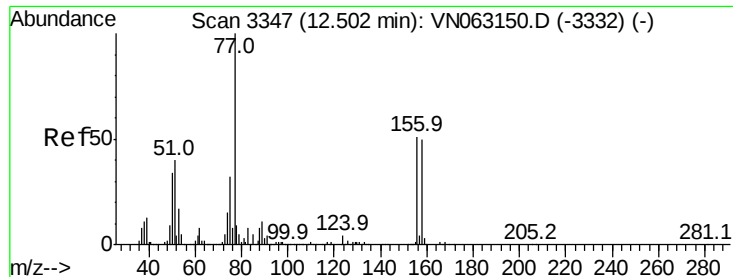
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: 0.263 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

TOTE-31231

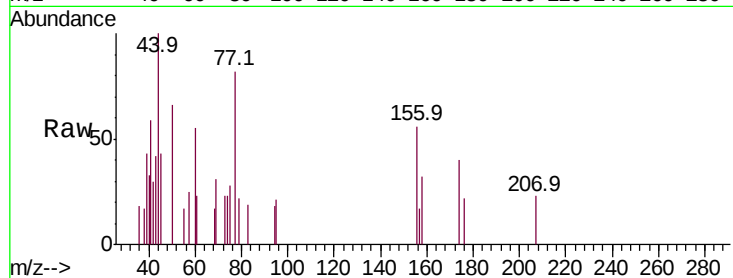
Tot Ion:156 Resp: 947

Ion Ratio Lower Upper

156 100

77 196.8 116.1 348.3

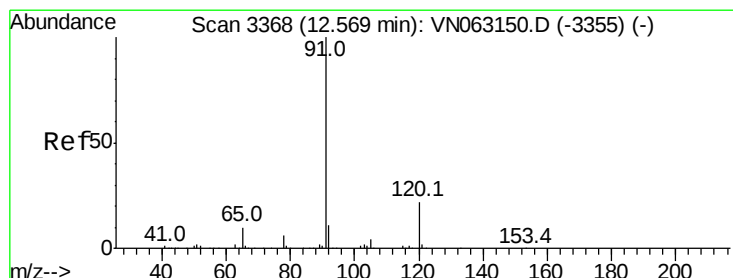
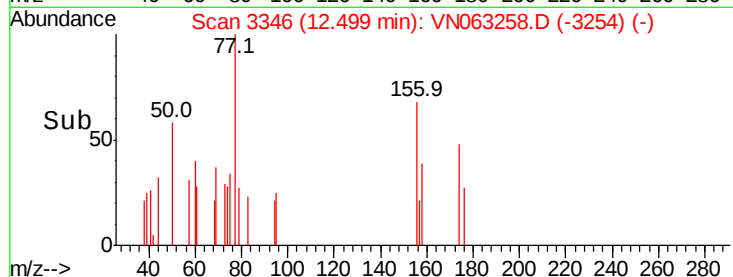
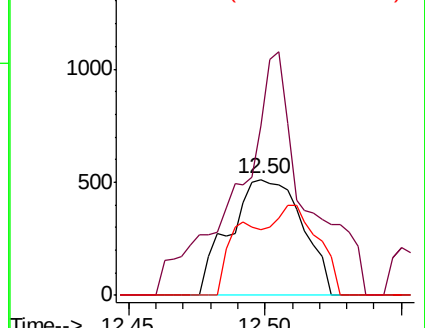
158 43.6 48.8 146.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.222 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063258.D

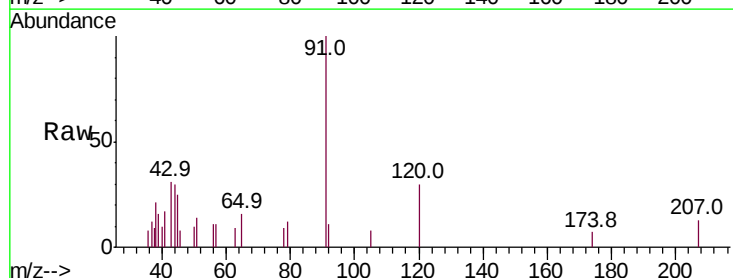
Acq: 4 Sep 2020 19:24

Tgt Ion: 91 Resp: 4081

Ion Ratio Lower Upper

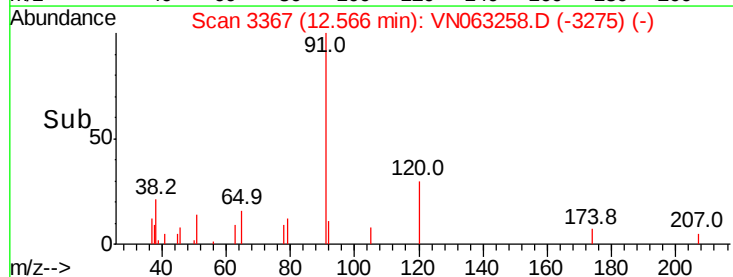
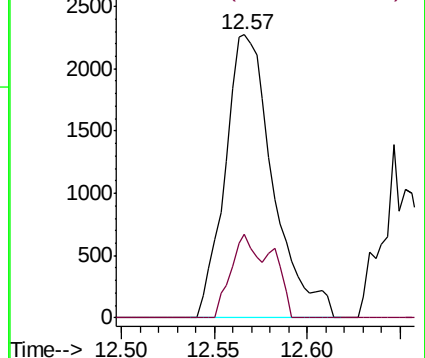
91 100

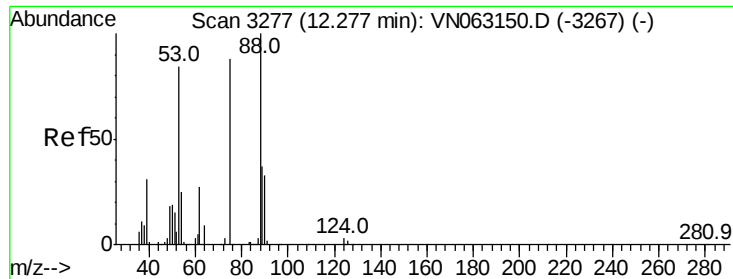
120 17.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 82.048 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

TOTE-31231

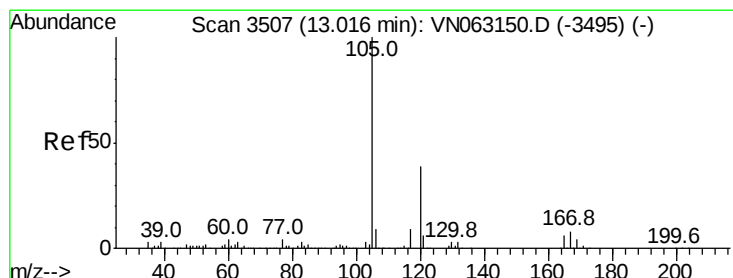
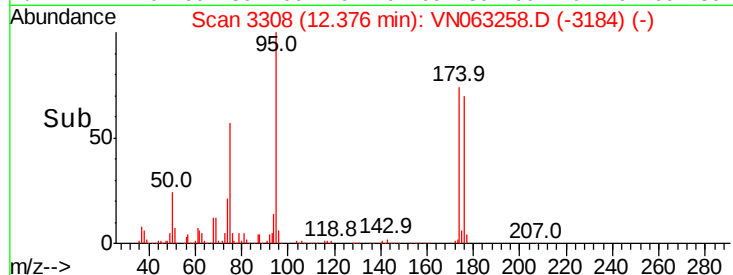
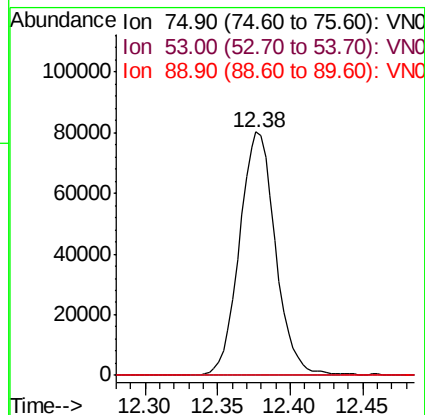
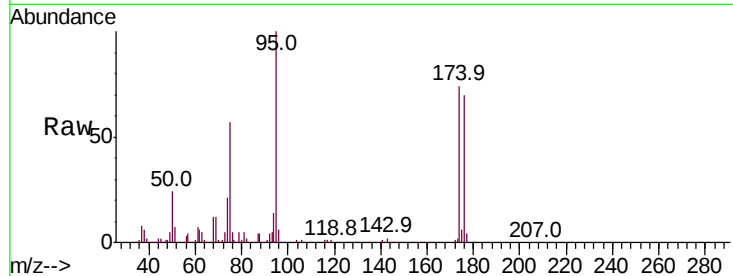
Tot Ion: 75 Resp: 138197

Ion Ratio Lower Upper

75 100

53 0.0 78.7 118.1#

89 0.0 35.3 52.9#



#84

1,2,4-Trimethylbenzene

Concen: 0.221 ug/l

RT: 13.02 min Scan# 3508

Delta R.T. 0.00 min

Lab File: VN063258.D

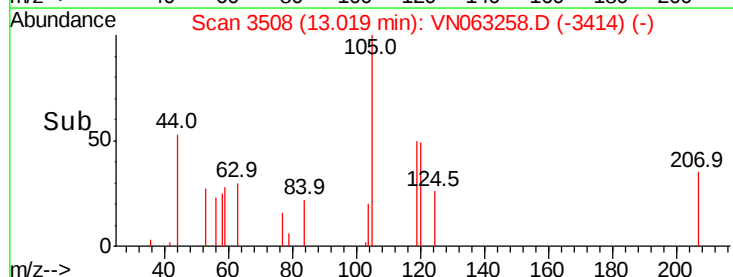
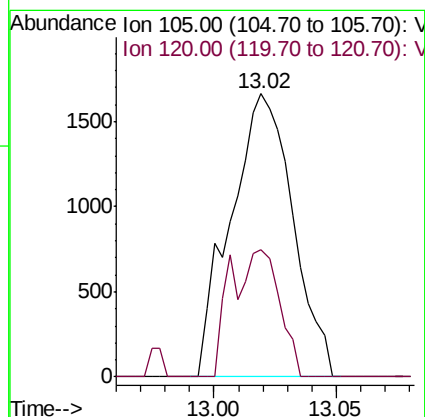
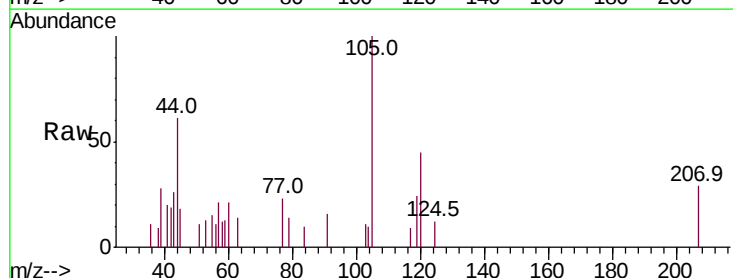
Acq: 4 Sep 2020 19:24

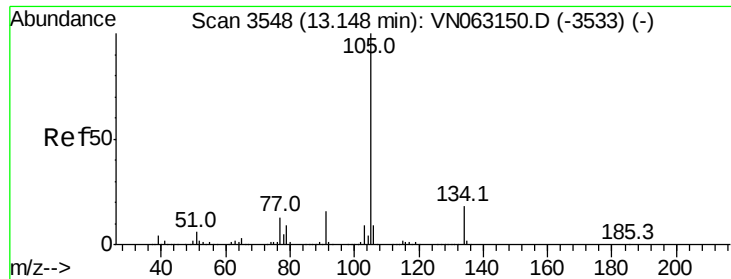
Tgt Ion: 105 Resp: 2940

Ion Ratio Lower Upper

105 100

120 24.5 22.6 67.7

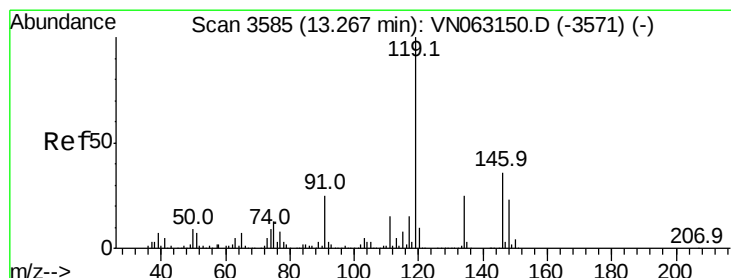
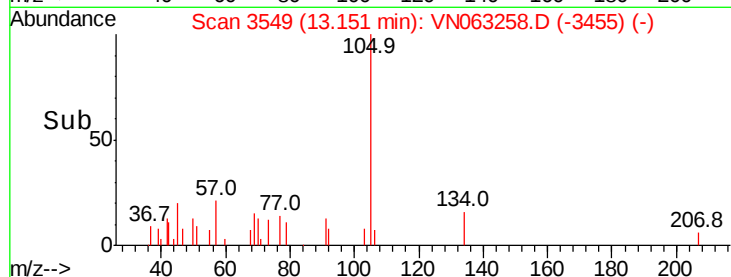
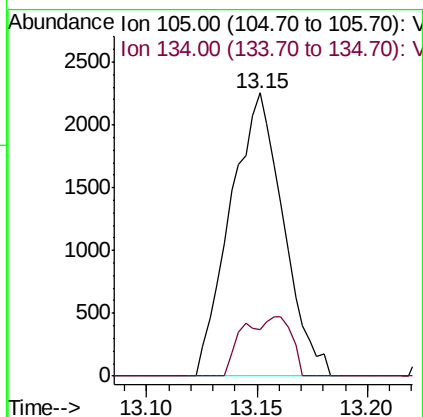
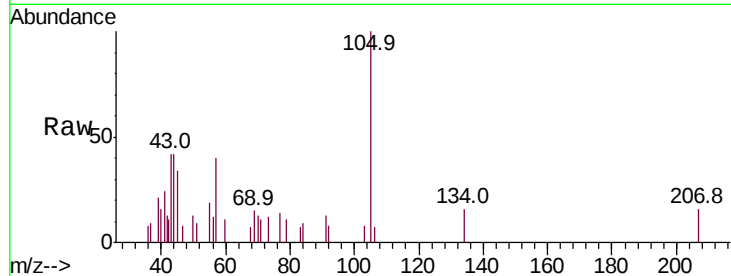




#85
 sec-Butylbenzene
 Concen: 0.253 ug/l
 RT: 13.15 min Scan# 3549
 Delta R.T. 0.00 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

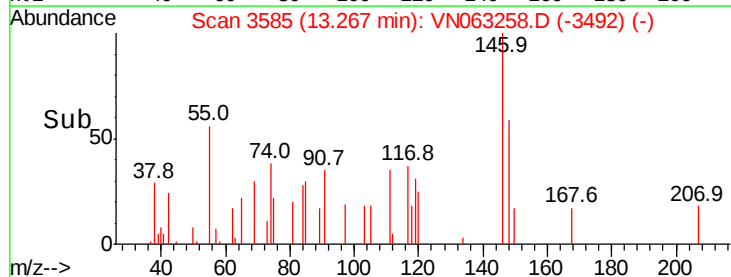
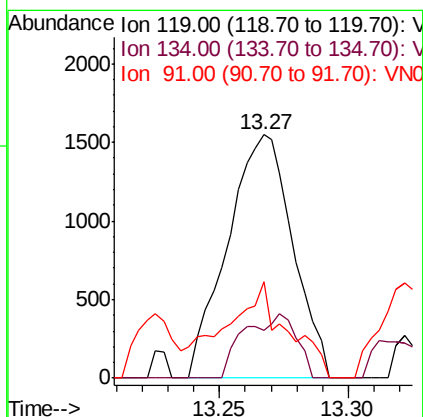
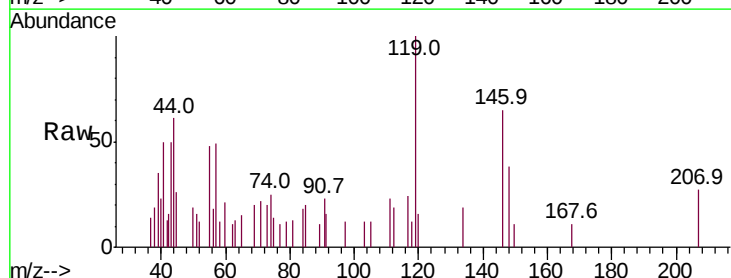
Instrument :
 MSVOA_N
 ClientSampled :
 TOTE-31231

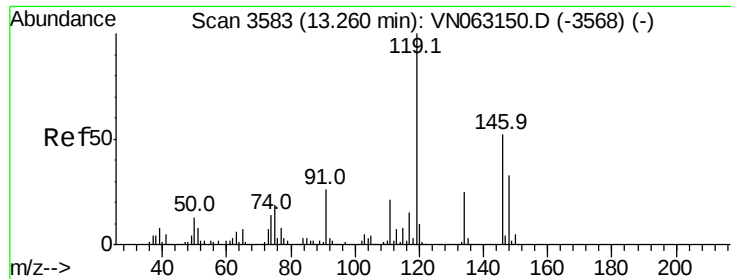
Tot Ion:105 Resp: 3748
 Ion Ratio Lower Upper
 105 100
 134 8.8 9.4 28.3#



#86
 p-Isopropyltoluene
 Concen: 0.208 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

Tgt Ion:119 Resp: 2730
 Ion Ratio Lower Upper
 119 100
 134 21.1 12.4 37.4
 91 36.7 12.2 36.6#





#87

1,3-Dichlorobenzene

Concen: 0.340 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

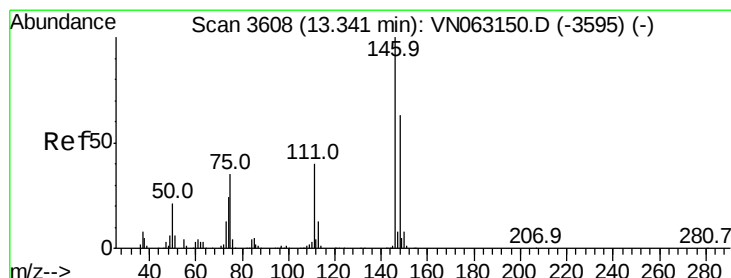
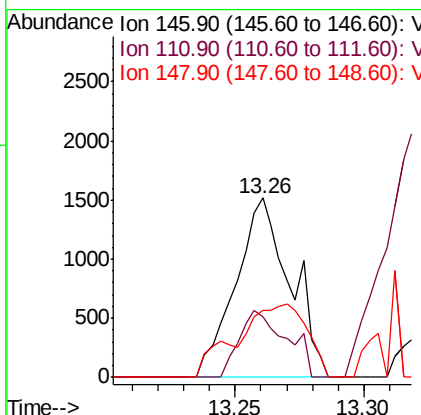
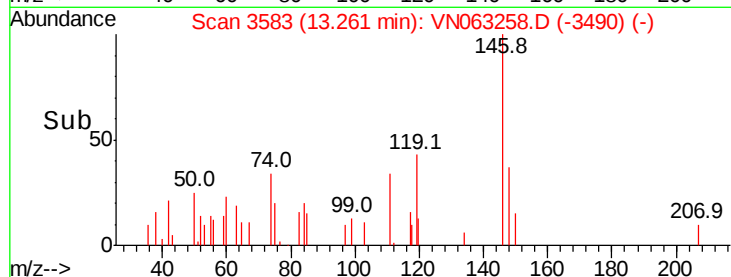
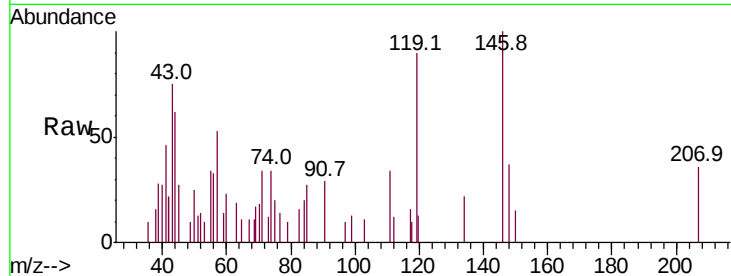
Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :
MSVOA_N
ClientSampled :
TOTE-31231

Tot Ion:146 Resp: 2242

Ion	Ratio	Lower	Upper
146	100		
111	32.2	21.3	63.7
148	52.3	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 0.328 ug/l

RT: 13.26 min Scan# 3583

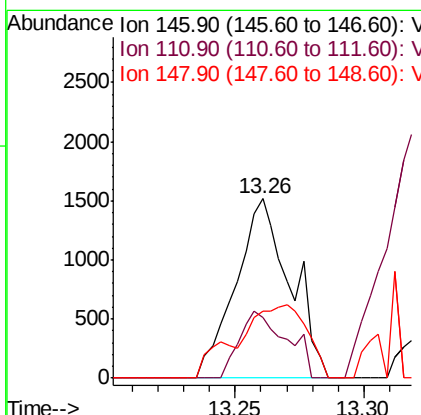
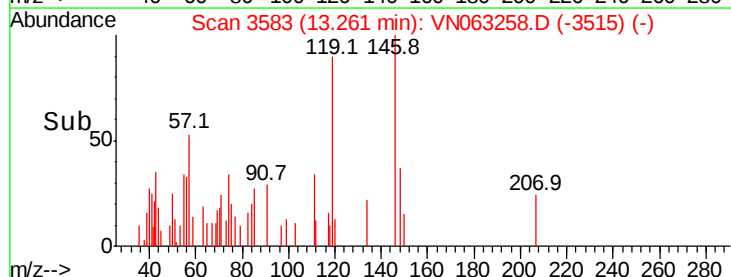
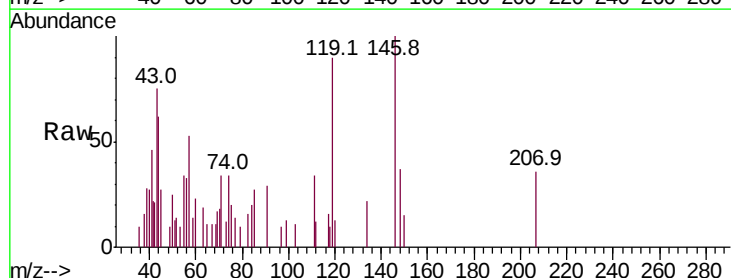
Delta R.T. -0.08 min

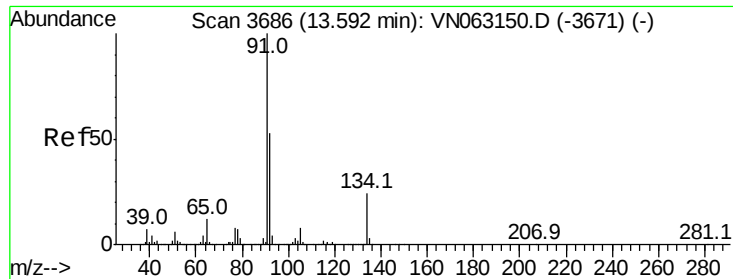
Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Tgt Ion:146 Resp: 2242

Ion	Ratio	Lower	Upper
146	100		
111	32.2	20.5	61.5
148	52.3	31.9	95.7

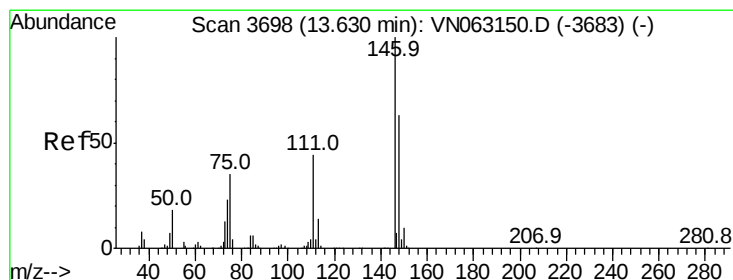
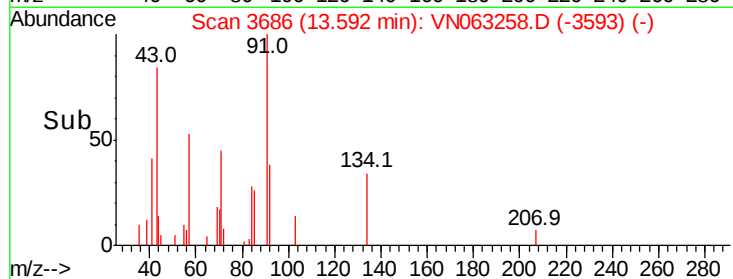
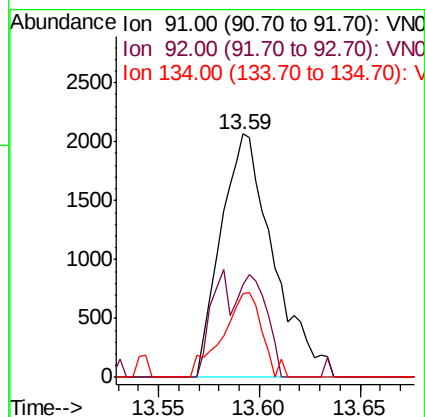
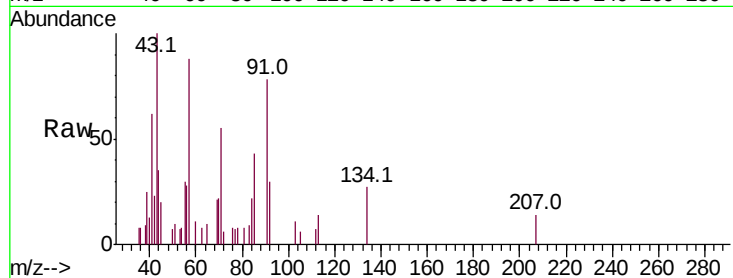




#89
n-Butylbenzene
Concen: 0.308 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

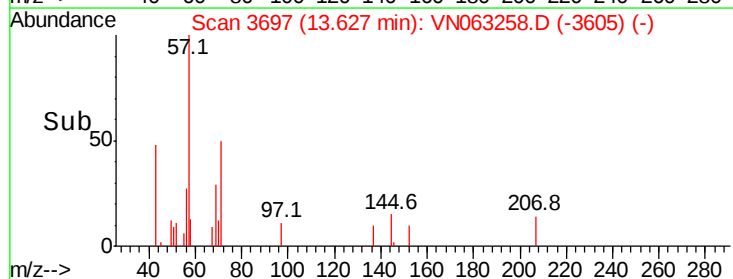
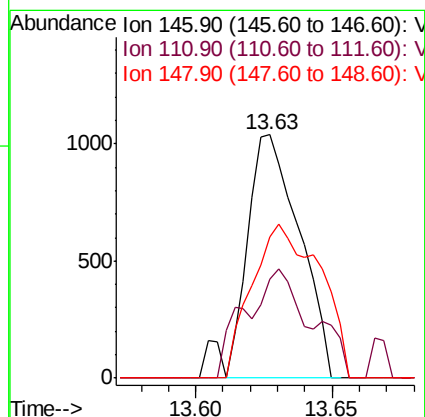
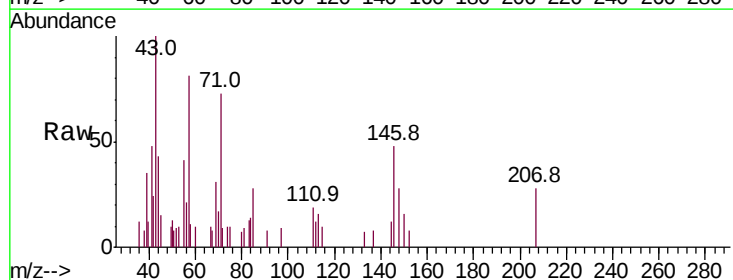
Instrument :
MSVOA_N
ClientSampled :
TOTE-31231

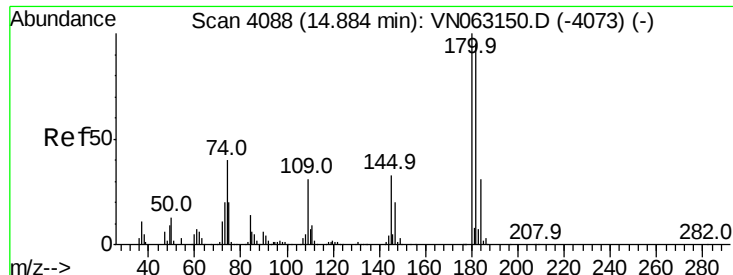
Tot Ion: 91 Resp: 3738
Ion Ratio Lower Upper
91 100
92 20.6 26.3 78.8#
134 26.2 12.0 36.0



#91
1,2-Dichlorobenzene
Concen: 0.221 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN063258.D
Acq: 4 Sep 2020 19:24

Tgt Ion: 146 Resp: 1419
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 80.1 31.6 95.0

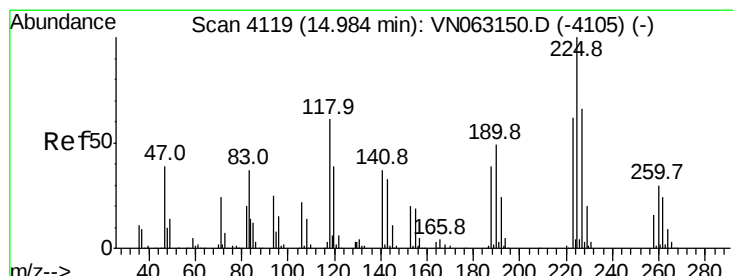
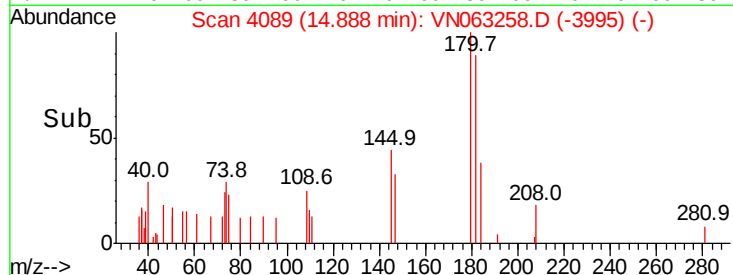
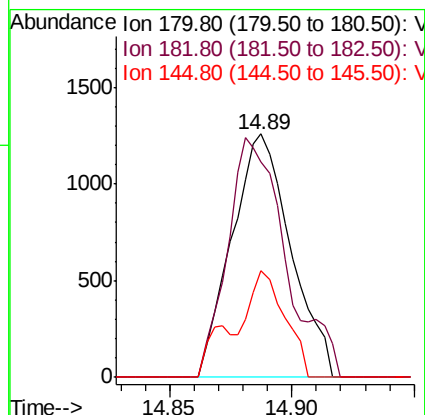
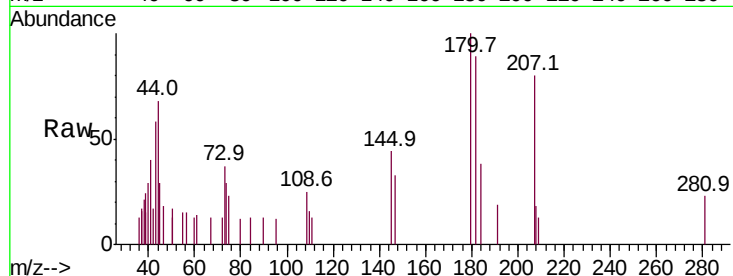




#93
 1,2,4-Trichlorobenzene
 Concen: 0.588 ug/l
 RT: 14.89 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

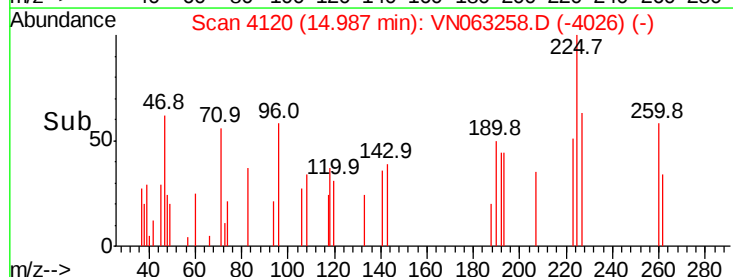
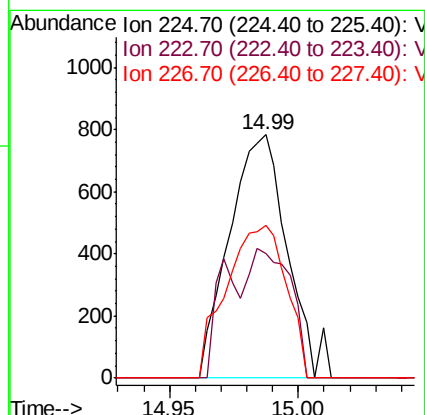
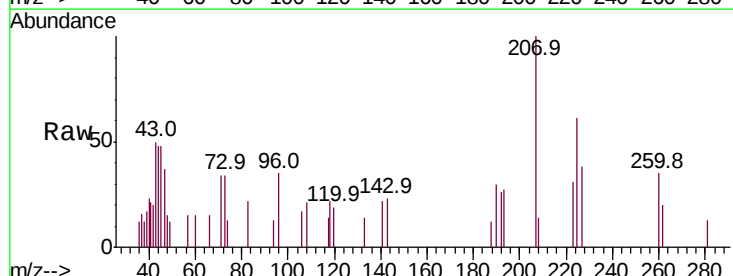
Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-31231

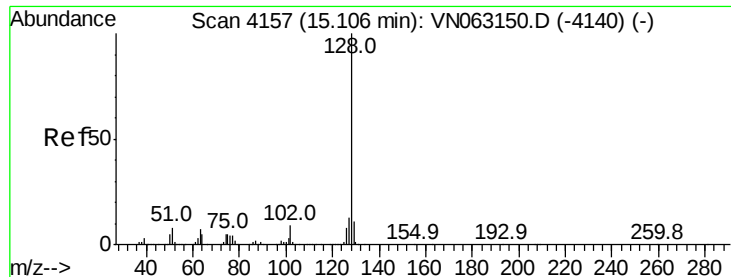
Tot Ion:180 Resp: 2106
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.5 142.5
 145 28.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 0.918 ug/l
 RT: 14.99 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: VN063258.D
 Acq: 4 Sep 2020 19:24

Tgt Ion:225 Resp: 1227
 Ion Ratio Lower Upper
 225 100
 223 38.6 30.9 92.7
 227 64.8 32.9 98.7





#95

Naphthalene

Concen: 0.709 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

Instrument :

MSVOA_N

ClientSampled :

TOTE-31231

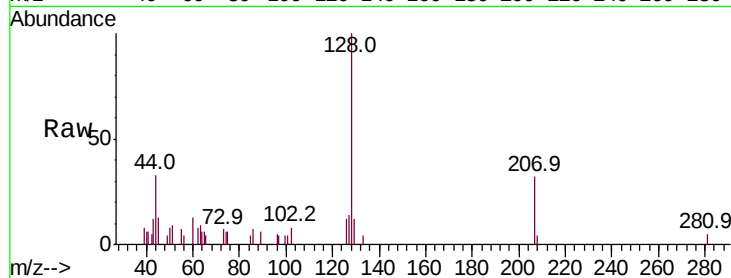
Tot Ion:128 Resp: 8462

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

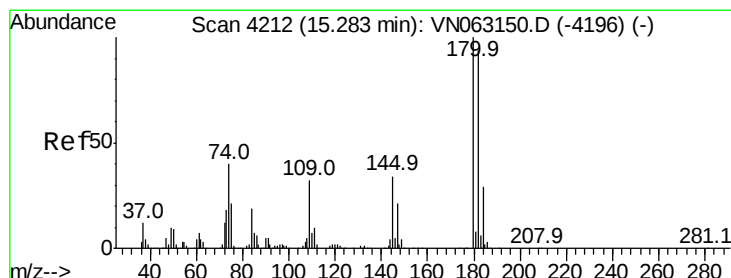
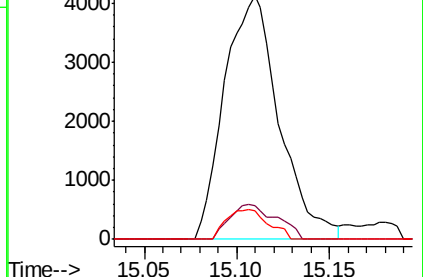
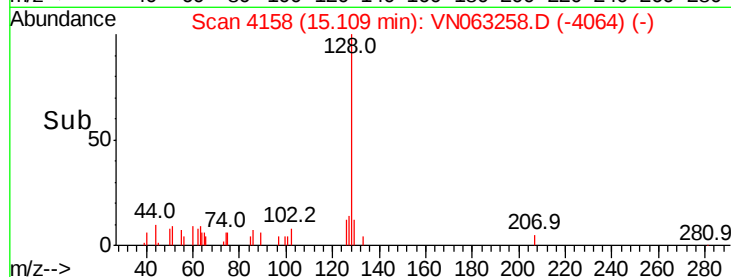
129 9.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.595 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063258.D

Acq: 4 Sep 2020 19:24

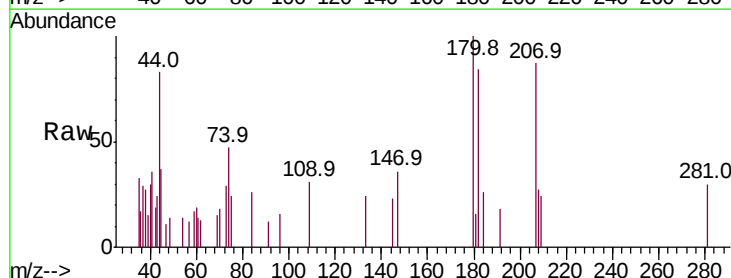
Tgt Ion:180 Resp: 2076

Ion Ratio Lower Upper

180 100

182 96.7 47.5 142.5

145 21.3 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

