

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063287.D
 Acq On : 9 Sep 2020 17:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 10 03:55:32 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	435693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	783648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	709905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	342229	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	367426	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	7.55	113	270037	53.71	ug/l	0.00
Spiked Amount			Recovery	=	107.42%	
50) Toluene-d8	10.06	98	1027486	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.38	95	394232	58.24	ug/l	0.00
Spiked Amount			Recovery	=	116.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	191333	44.591	ug/l	98
3) Chloromethane	2.04	50	278371	44.553	ug/l	97
4) Vinyl Chloride	2.17	62	291476	42.232	ug/l	99
5) Bromomethane	2.52	94	181292	31.205	ug/l	99
6) Chloroethane	2.67	64	187327	34.136	ug/l	98
7) Trichlorofluoromethane	2.98	101	441109	46.020	ug/l	97
8) Diethyl Ether	3.37	74	161746	48.980	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	237980	50.729	ug/l	97
10) Methyl Iodide	3.91	142	326265	50.993	ug/l	99
11) Tert butyl alcohol	4.73	59	229246	262.217	ug/l	100
12) 1,1-Dichloroethene	3.70	96	232038	48.541	ug/l	97
13) Acrolein	3.57	56	67269	205.124	ug/l	96
14) Allyl chloride	4.28	41	470194	55.384	ug/l	97
15) Acrylonitrile	4.93	53	632225	258.088	ug/l	99
16) Acetone	3.77	43	548457	270.888	ug/l	99
17) Carbon Disulfide	4.01	76	628167	44.150	ug/l	99
18) Methyl Acetate	4.28	43	326026	62.802	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	871003	49.117	ug/l	99
20) Methylene Chloride	4.50	84	278347	48.881	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	253105	47.925	ug/l	91
22) Diisopropyl ether	5.90	45	991629	52.123	ug/l	99
23) Vinyl Acetate	5.84	43	4027395	265.307	ug/l	97
24) 1,1-Dichloroethane	5.80	63	529273	50.465	ug/l	97
25) 2-Butanone	6.78	43	877360	279.860	ug/l	98
26) 2,2-Dichloropropane	6.78	77	437029	45.991	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	308460	48.052	ug/l	96
28) Bromochloromethane	7.15	49	262014	47.818	ug/l	99
29) Tetrahydrofuran	7.16	42	582409	268.675	ug/l	96
30) Chloroform	7.33	83	529518	48.257	ug/l	98
31) Cyclohexane	7.61	56	446749	48.277	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	463216	48.990	ug/l	99
36) 1,1-Dichloropropene	7.75	75	388379	51.553	ug/l	98
37) Ethyl Acetate	6.88	43	380010	53.393	ug/l #	96
38) Carbon Tetrachloride	7.74	117	395296	51.740	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	420305	49.662	ug/l	96
40) Benzene	8.00	78	1145260	51.732	ug/l	99
41) Methacrylonitrile	7.12	41	154231	48.596	ug/l	88
42) 1,2-Dichloroethane	8.09	62	443128	53.585	ug/l	98
43) Isopropyl Acetate	8.13	43	688702	56.055	ug/l	98
44) Trichloroethene	8.80	130	295519	55.033	ug/l	100
45) 1,2-Dichloropropane	9.09	63	315861	53.887	ug/l	97
46) Dibromomethane	9.18	93	206429	53.143	ug/l	98
47) Bromodichloromethane	9.37	83	439855	52.829	ug/l	100
48) Methyl methacrylate	9.17	41	327155	59.068	ug/l	95
49) 1,4-Dioxane	9.17	88	91602	1069.288	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1970380	295.126	ug/l	99
52) Toluene	10.13	92	705730	51.174	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	477976	52.482	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	507718	53.109	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	278744	52.778	ug/l	98
56) Ethyl methacrylate	10.40	69	442477	55.051	ug/l	97
57) 1,3-Dichloropropane	10.68	76	497434	52.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1084292	260.511	ug/l	97
59) 2-Hexanone	10.72	43	1446260	308.234	ug/l	97
60) Dibromochloromethane	10.87	129	319137	54.656	ug/l	99
61) 1,2-Dibromoethane	10.98	107	287337	52.335	ug/l	98
64) Tetrachloroethene	10.60	164	296110	58.086	ug/l	98
65) Chlorobenzene	11.41	112	755587	52.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	283919	53.482	ug/l	99
67) Ethyl Benzene	11.49	91	1417609	54.347	ug/l	100
68) m/p-Xylenes	11.59	106	1034545	107.087	ug/l	99
69) o-Xylene	11.92	106	502748	53.869	ug/l	97
70) Styrene	11.94	104	855959	53.367	ug/l	97
71) Bromoform	12.10	173	203145	56.387	ug/l #	99
73) Isopropylbenzene	12.23	105	1360449	51.829	ug/l	100
74) N-amyl acetate	12.05	43	612503	56.335	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	381223	50.376	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	545152	81.075	ug/l #	100
77) Bromobenzene	12.50	156	309567	52.148	ug/l	100
78) n-propylbenzene	12.57	91	1589516	52.332	ug/l	99
79) 2-Chlorotoluene	12.65	91	952312	52.347	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1150353	52.652	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	136695	49.135	ug/l	94
82) 4-Chlorotoluene	12.75	91	990287	52.486	ug/l	99
83) tert-Butylbenzene	12.97	119	956283	51.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1158694	52.614	ug/l	98
85) sec-Butylbenzene	13.15	105	1255175	51.398	ug/l	100
86) p-Isopropyltoluene	13.26	119	1132373	52.229	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	576159	52.832	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	577297	51.124	ug/l	98
89) n-Butylbenzene	13.59	91	1029058	51.377	ug/l	99
90) Hexachloroethane	13.85	117	198674	49.502	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	568230	53.694	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88774	53.358	ug/l	96

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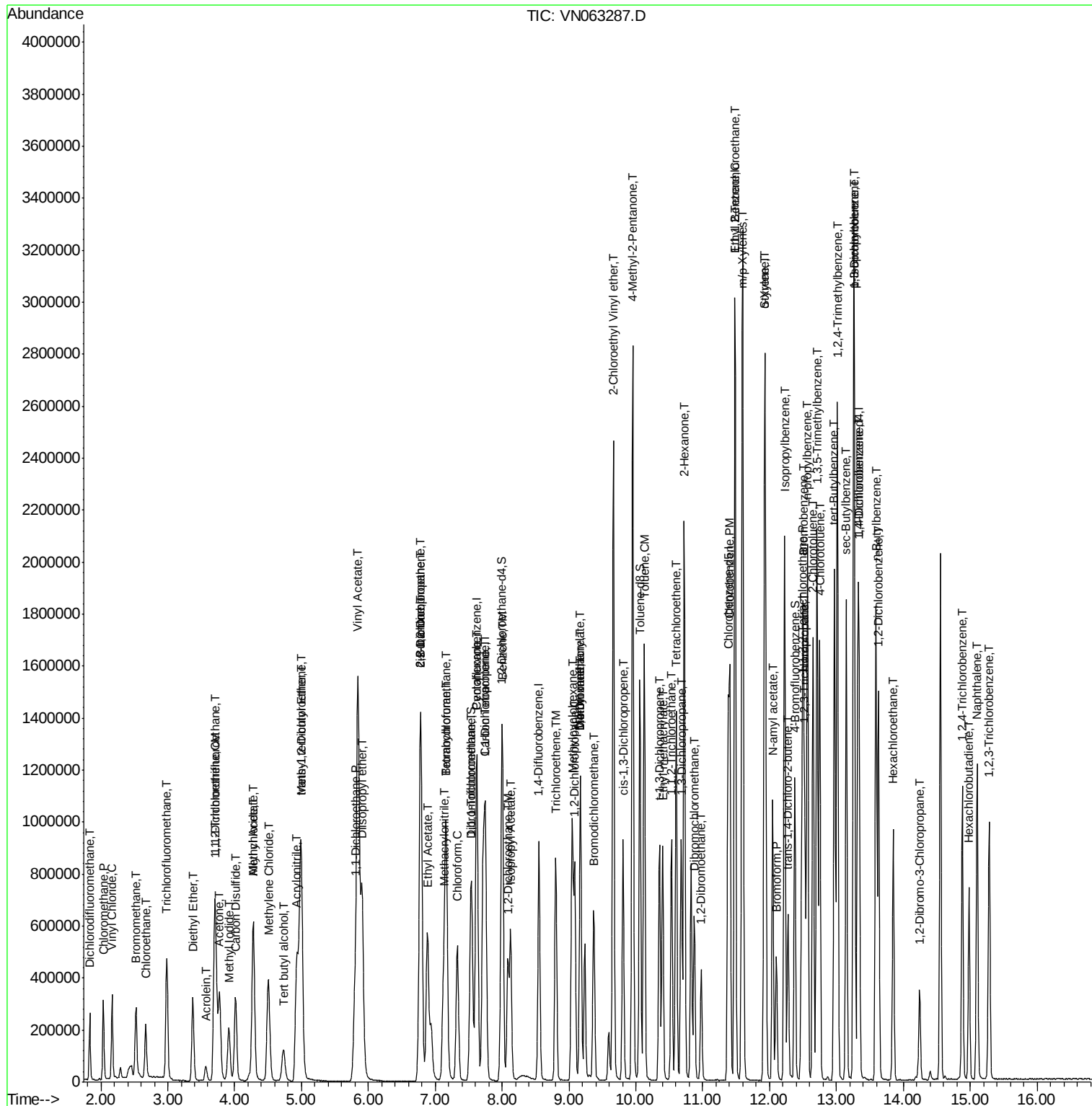
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	318615	53.889	ug/l	99
94) Hexachlorobutadiene	14.98	225	122257	55.352	ug/l	98
95) Naphthalene	15.11	128	999577	50.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	301987	52.426	ug/l	98

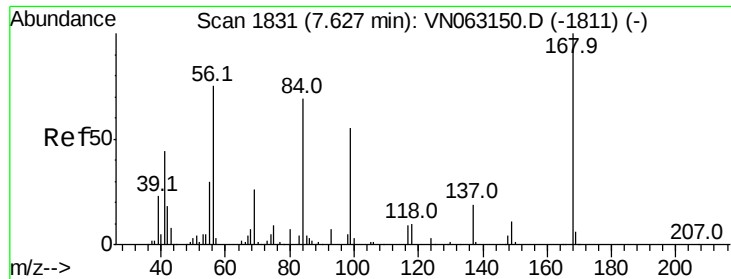
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

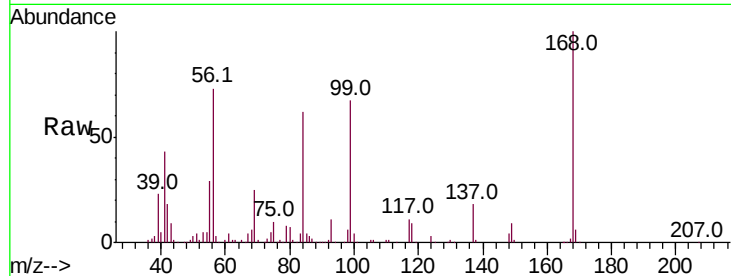
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 435693

Ion Ratio Lower Upper

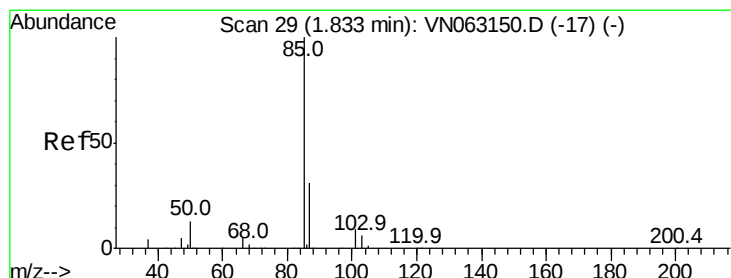
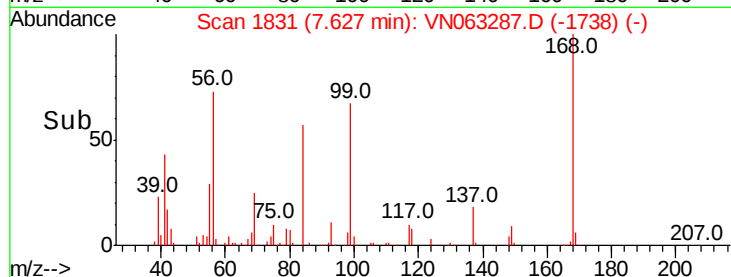
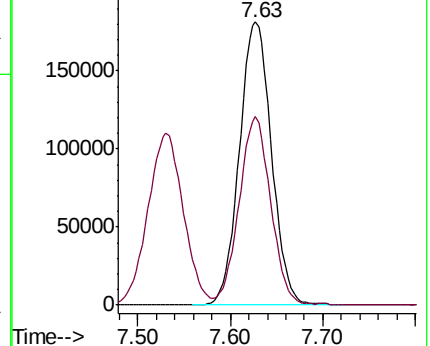
168 100

99 66.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.591 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063287.D

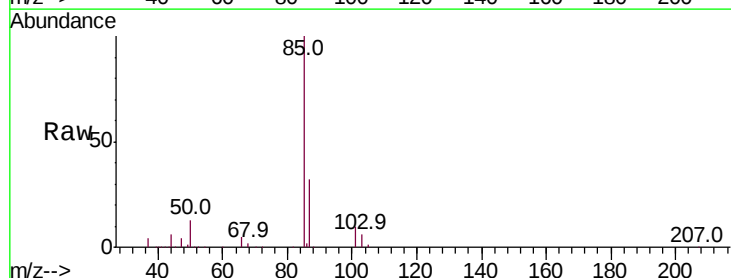
Acq: 9 Sep 2020 17:03

Tgt Ion: 85 Resp: 191333

Ion Ratio Lower Upper

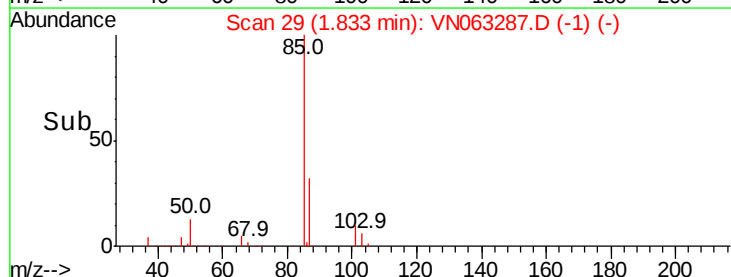
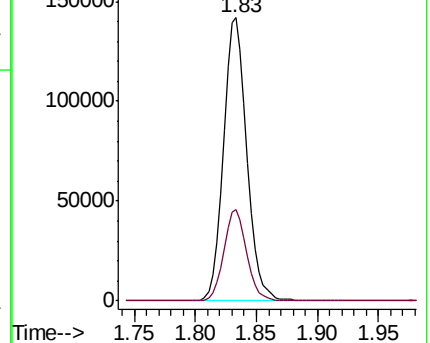
85 100

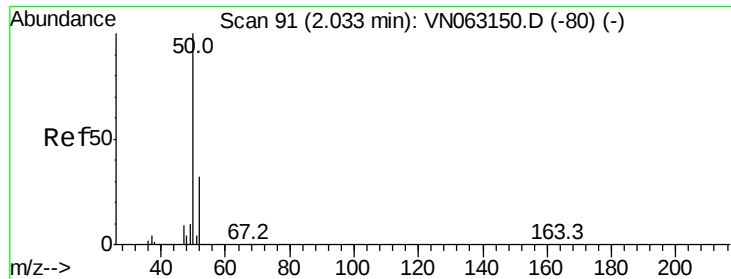
87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 44.553 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

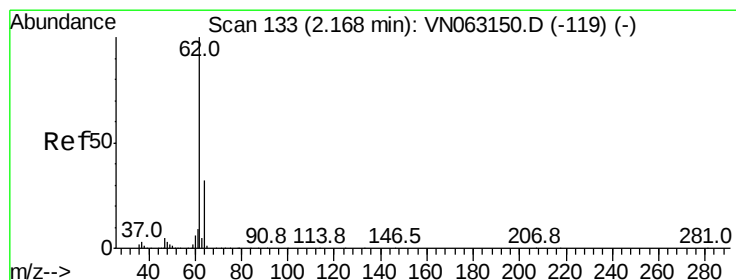
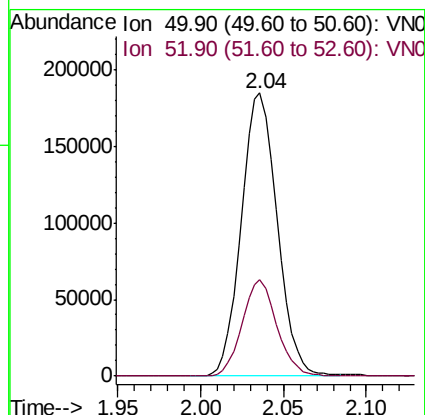
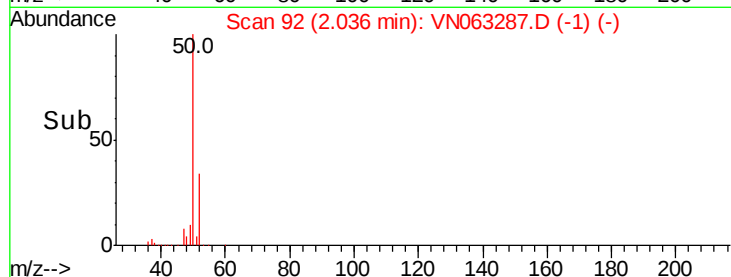
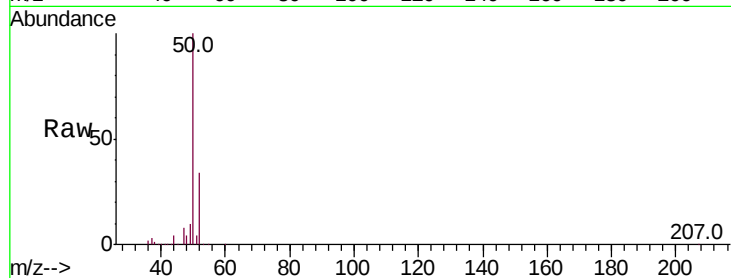
VSTDCCC050EC

Tot Ion: 50 Resp: 278371

Ion Ratio Lower Upper

50 100

52 33.9 25.8 38.6



#4

Vinyl Chloride

Concen: 42.232 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063287.D

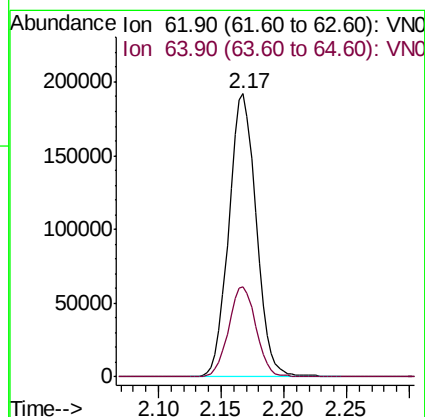
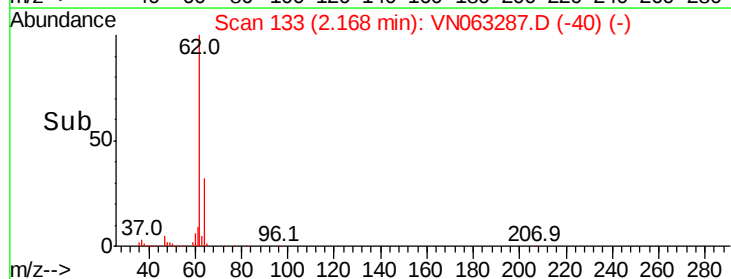
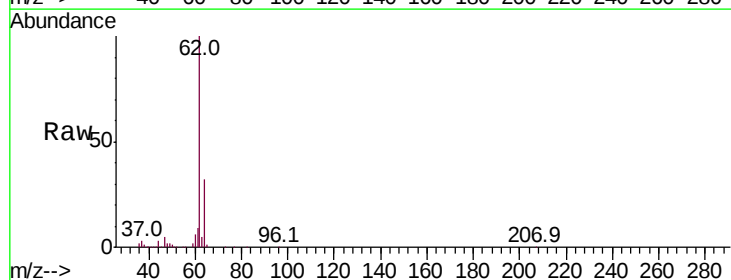
Acq: 9 Sep 2020 17:03

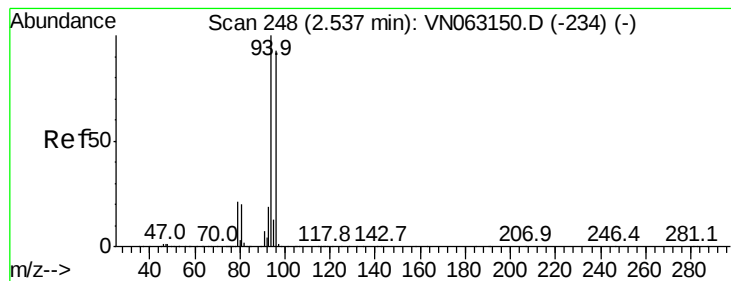
Tgt Ion: 62 Resp: 291476

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 31.205 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

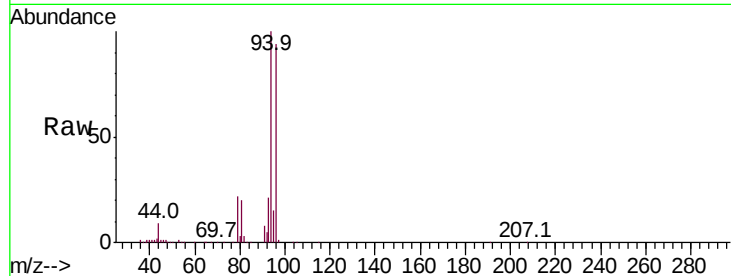
VSTDCCC050EC

Tot Ion: 94 Resp: 181292

Ion Ratio Lower Upper

94 100

96 94.1 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.52

100000

80000

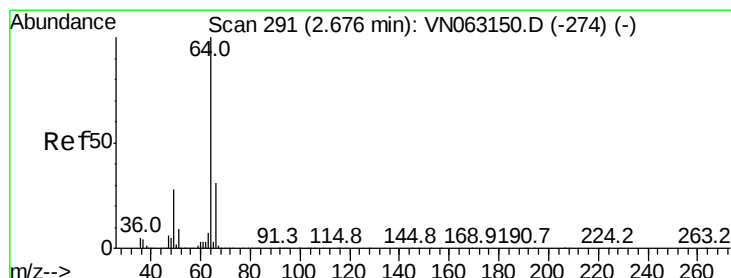
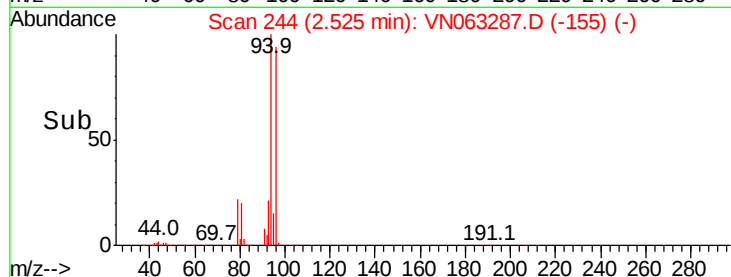
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 34.136 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN063287.D

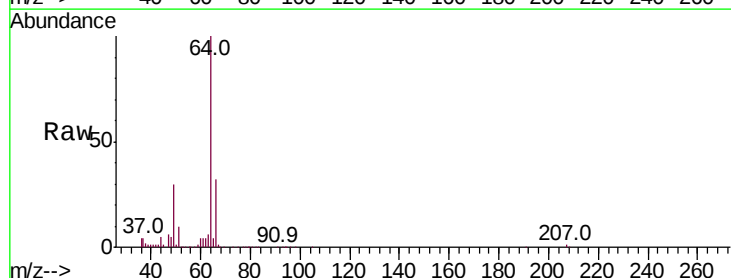
Acq: 9 Sep 2020 17:03

Tgt Ion: 64 Resp: 187327

Ion Ratio Lower Upper

64 100

66 32.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.67

100000

80000

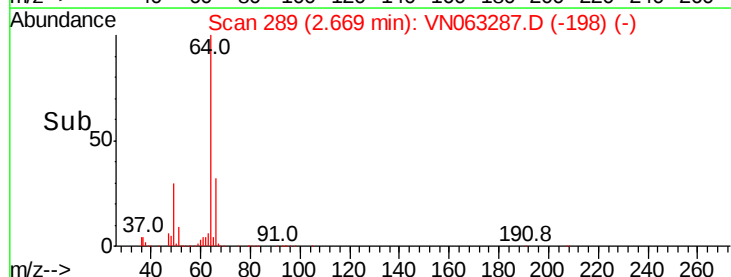
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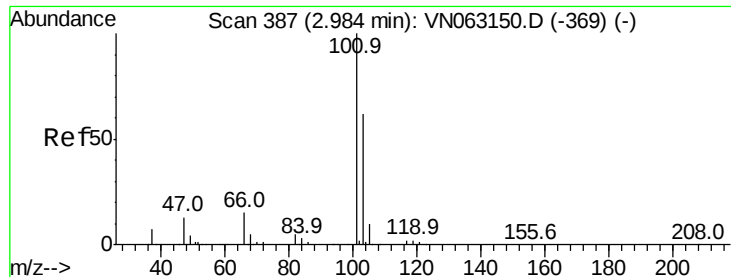
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20000

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Time-->



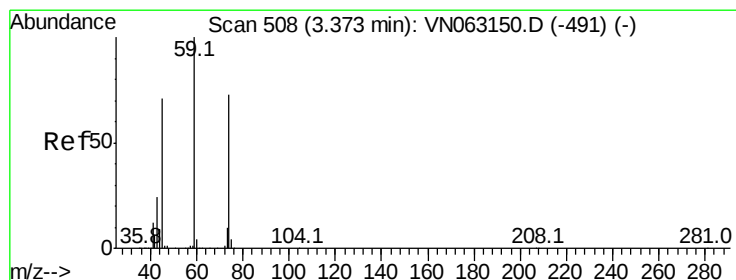
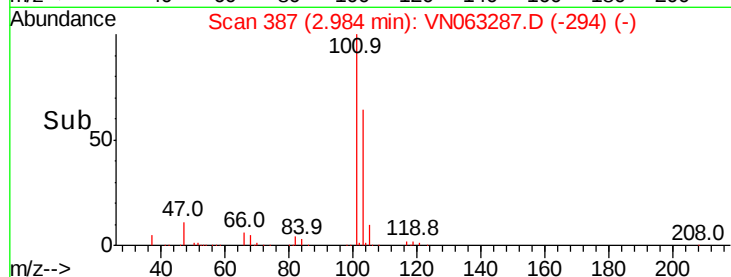
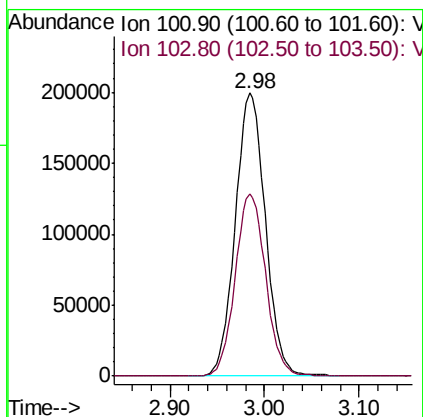
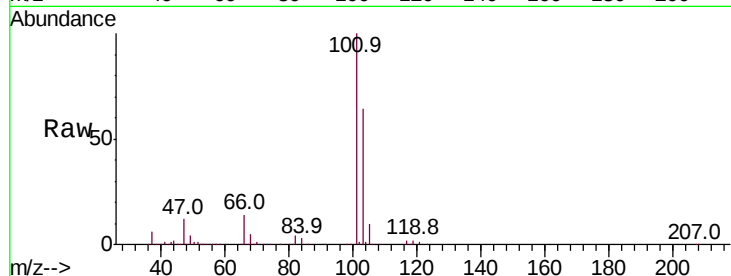


#7

Trichlorofluoromethane
 Concen: 46.020 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
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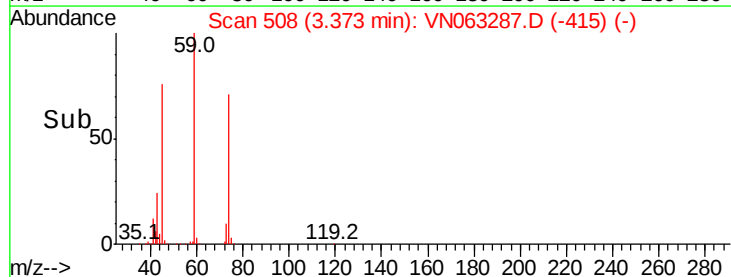
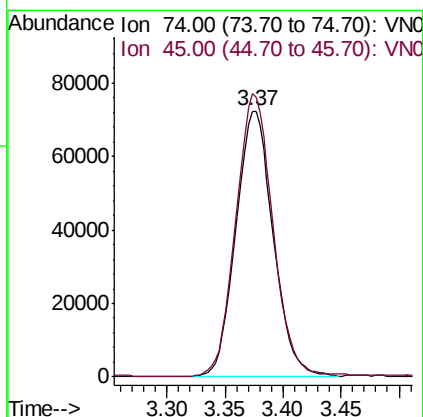
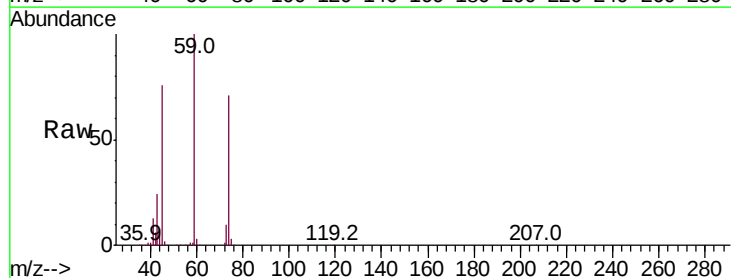
Tot Ion:101 Resp: 441109
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.7 74.5

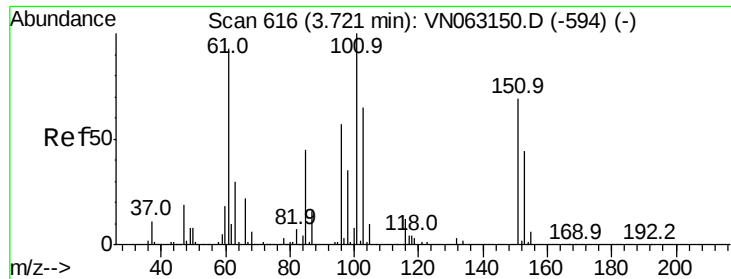


#8

Diethyl Ether
 Concen: 48.980 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion: 74 Resp: 161746
 Ion Ratio Lower Upper
 74 100
 45 105.1 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.729 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

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VSTDCCC050EC

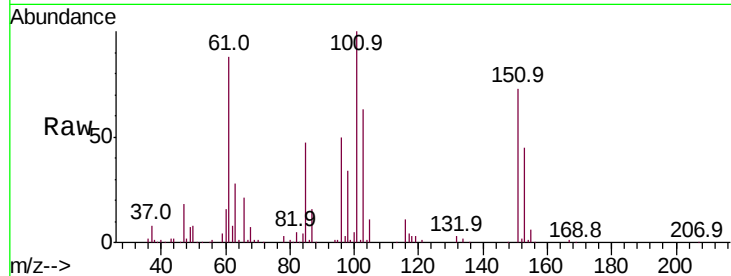
Tot Ion:101 Resp: 237980

Ion Ratio Lower Upper

101 100

85 45.7 37.8 56.8

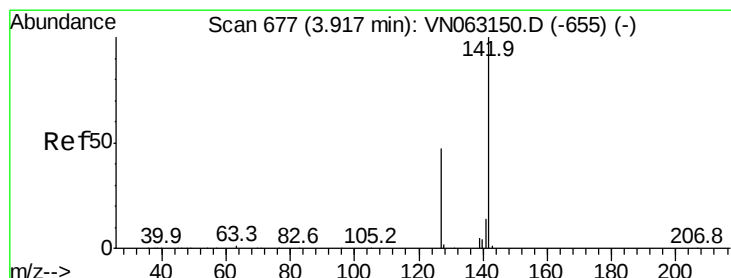
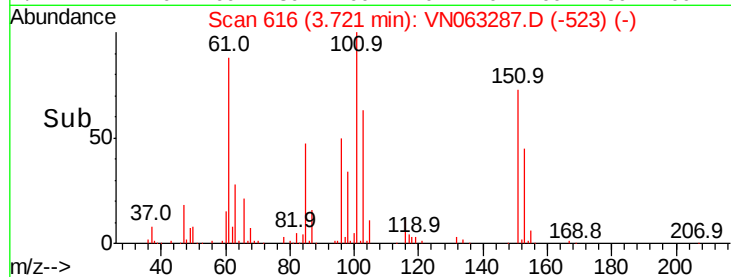
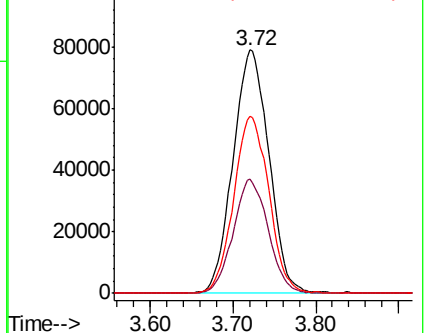
151 71.3 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.993 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

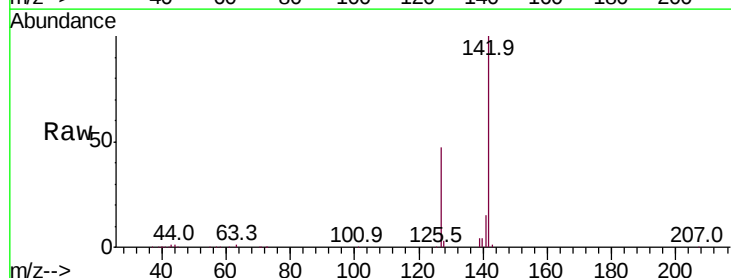
Tgt Ion:142 Resp: 326265

Ion Ratio Lower Upper

142 100

127 46.3 37.6 56.4

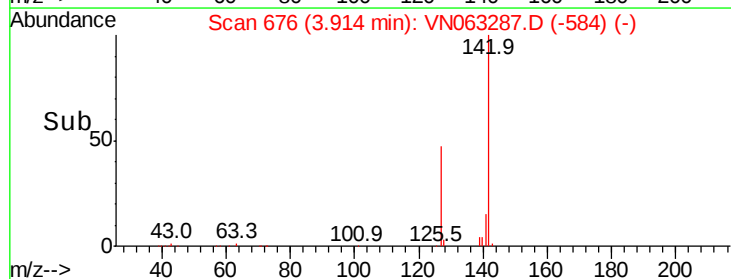
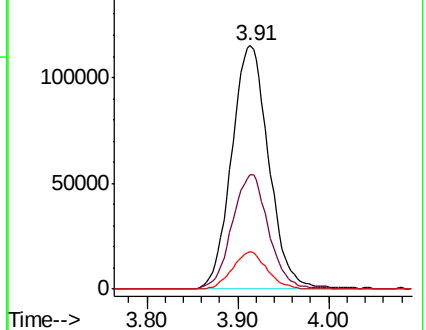
141 14.5 11.3 16.9

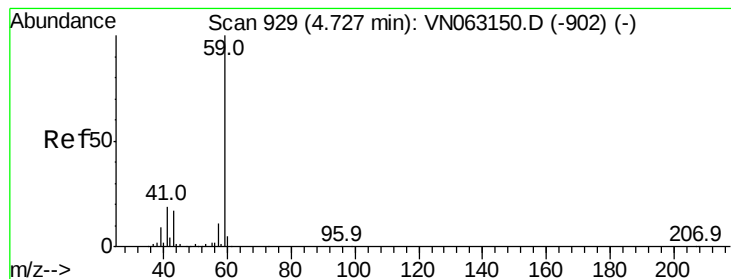


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



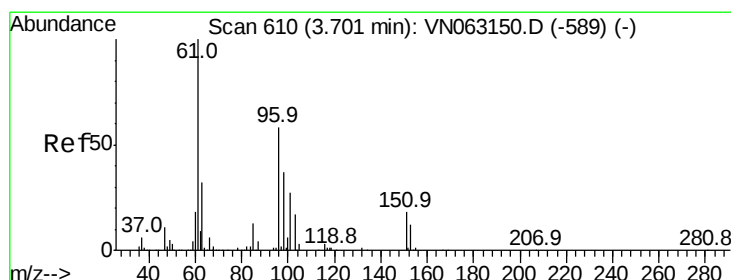
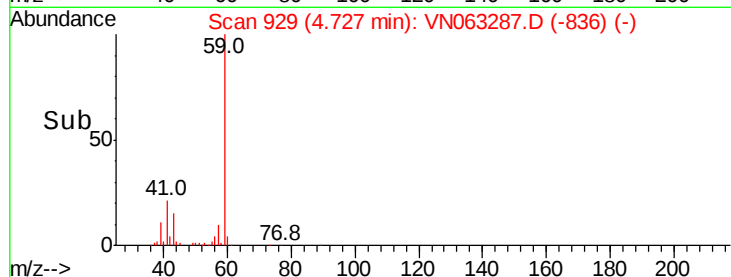
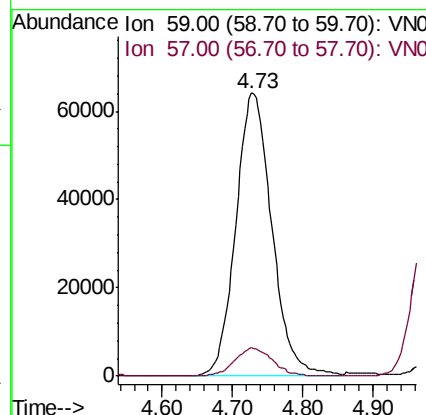
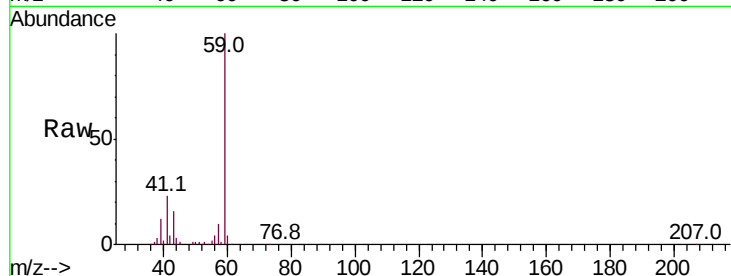


#11

Tert butyl alcohol
 Concen: 262.217 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

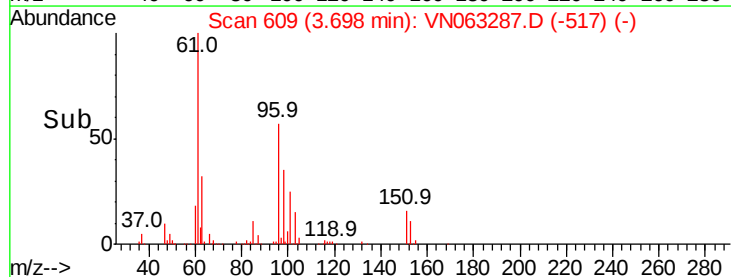
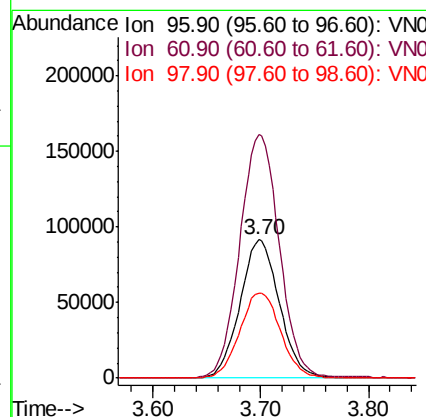
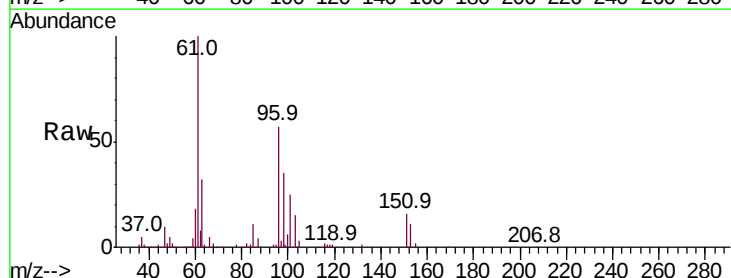
Tot Ion: 59 Resp: 229246
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

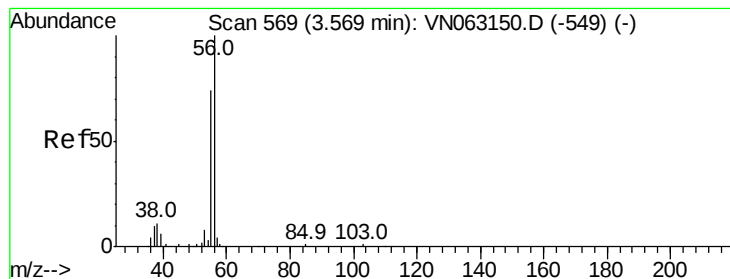


#12

1,1-Dichloroethene
 Concen: 48.541 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion: 96 Resp: 232038
 Ion Ratio Lower Upper
 96 100
 61 175.7 137.4 206.2
 98 61.6 50.5 75.7





#13

Acrolein

Concen: 205.124 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

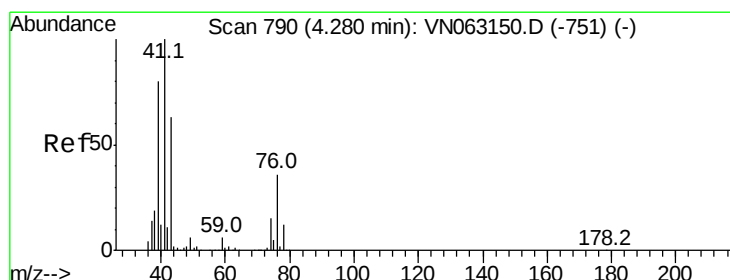
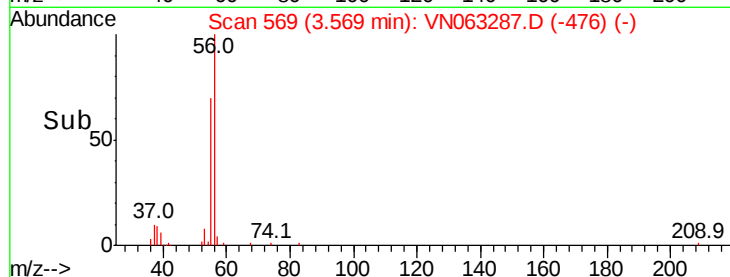
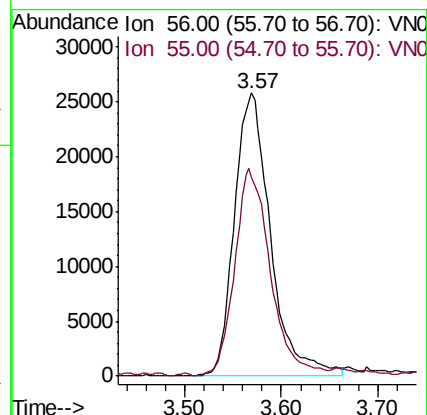
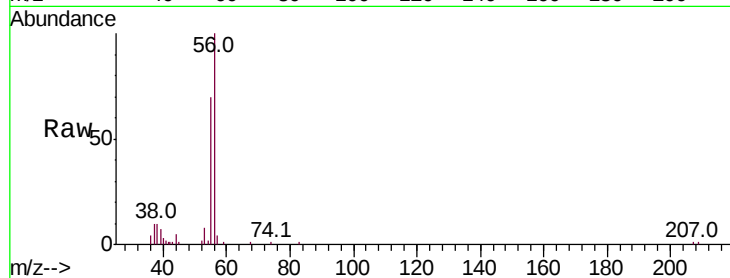
VSTDCCC050EC

Tot Ion: 56 Resp: 67269

Ion Ratio Lower Upper

56 100

55 72.3 55.4 83.0



#14

Allyl chloride

Concen: 55.384 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

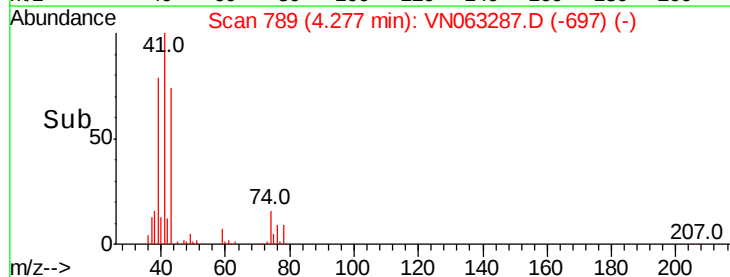
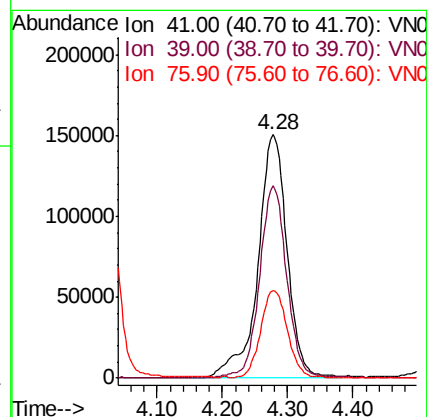
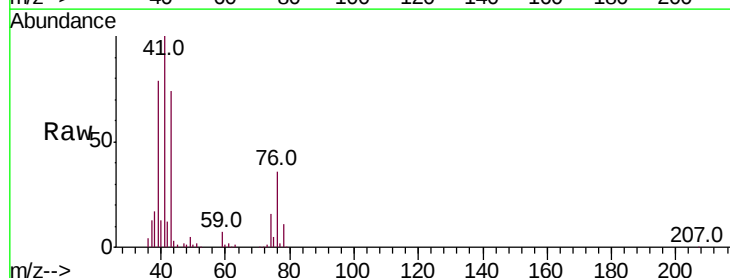
Tgt Ion: 41 Resp: 470194

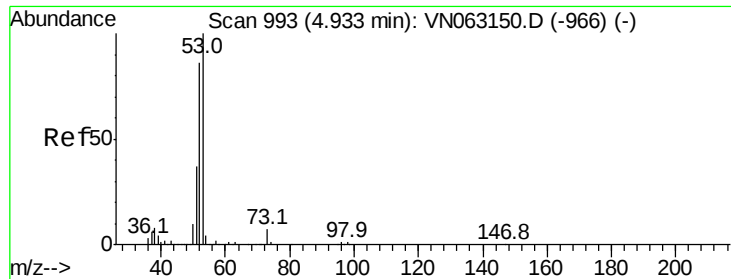
Ion Ratio Lower Upper

41 100

39 73.5 60.2 90.2

76 32.1 27.7 41.5





#15

Acrylonitrile

Concen: 258.088 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

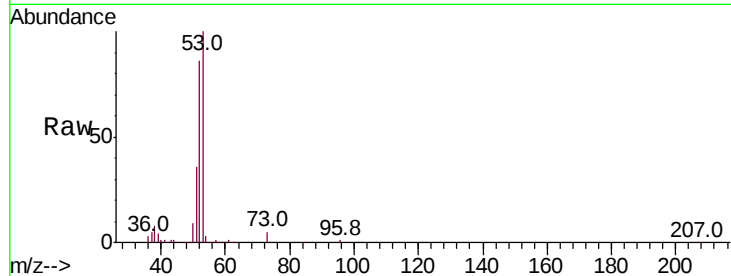
Tot Ion: 53 Resp: 632225

Ion Ratio Lower Upper

53 100

52 84.4 67.2 100.8

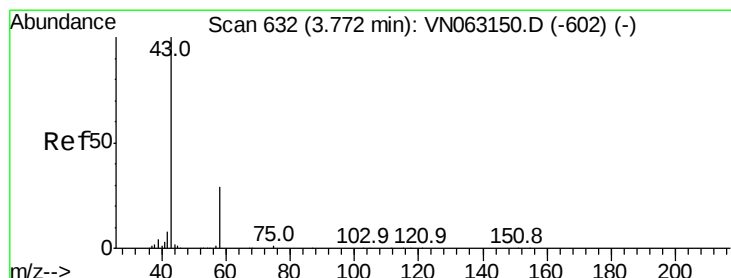
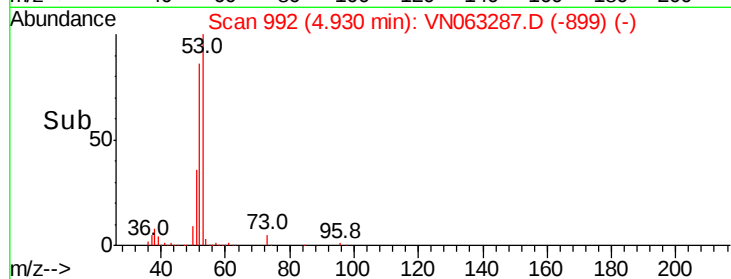
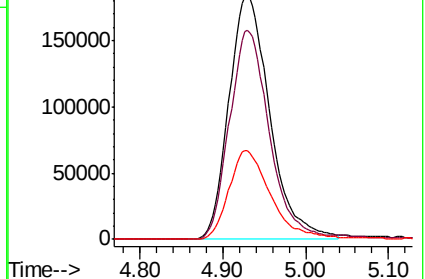
51 37.3 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063150.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN063150.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN063150.D (-966) (-)



#16

Acetone

Concen: 270.888 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063287.D

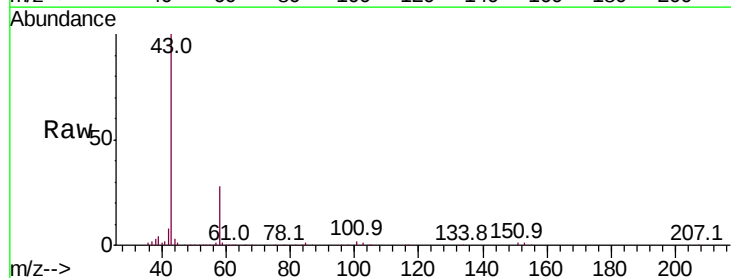
Acq: 9 Sep 2020 17:03

Tgt Ion: 43 Resp: 548457

Ion Ratio Lower Upper

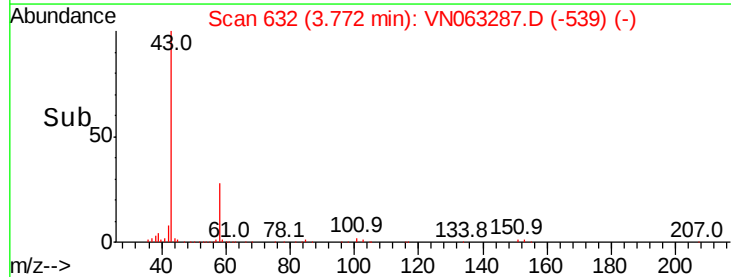
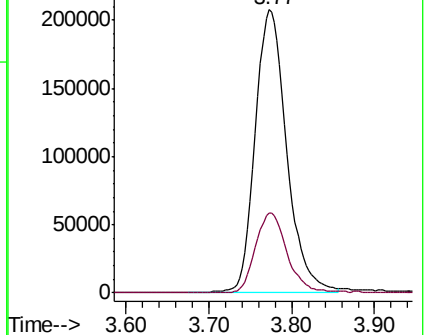
43 100

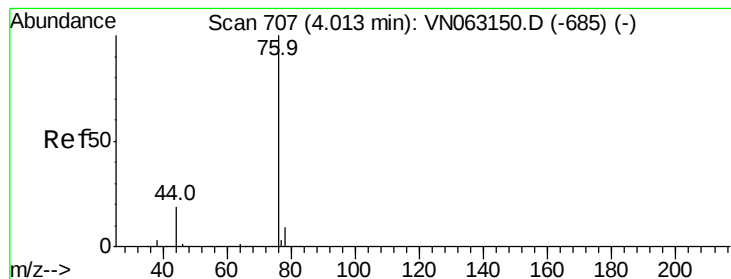
58 28.3 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-602) (-)





#17

Carbon Disulfide

Concen: 44.150 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

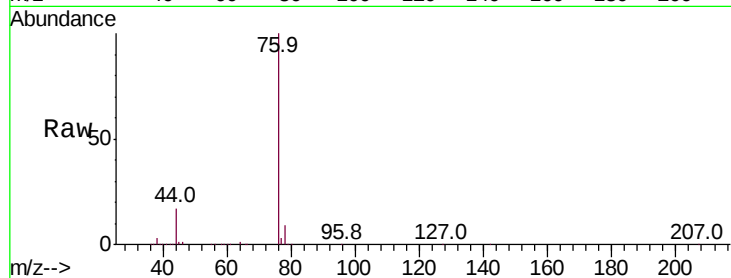
VSTDCCC050EC

Tot Ion: 76 Resp: 628167

Ion Ratio Lower Upper

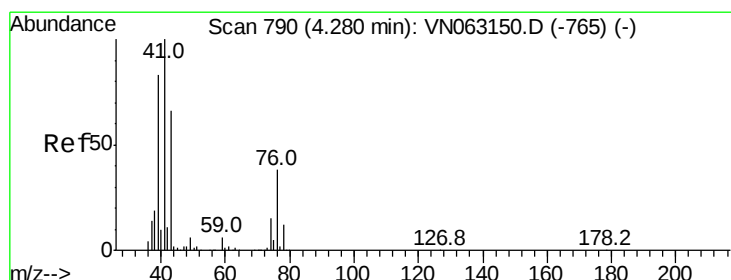
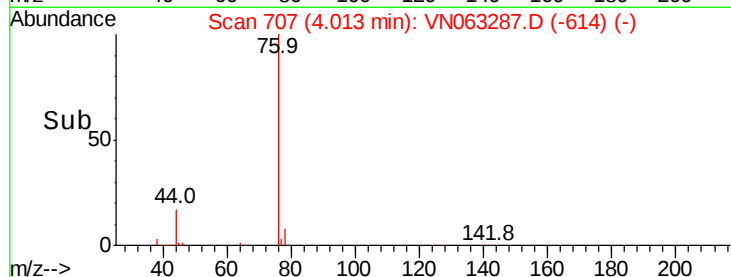
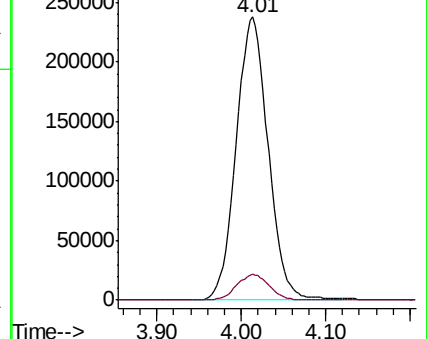
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 62.802 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063287.D

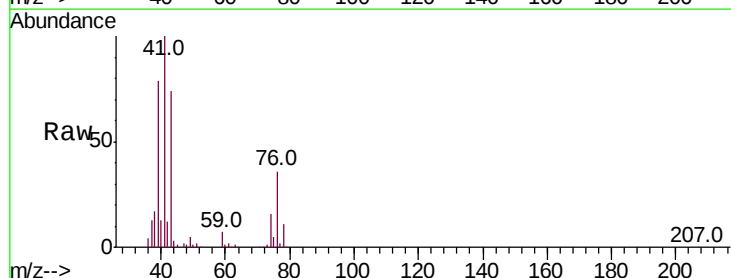
Acq: 9 Sep 2020 17:03

Tgt Ion: 43 Resp: 326026

Ion Ratio Lower Upper

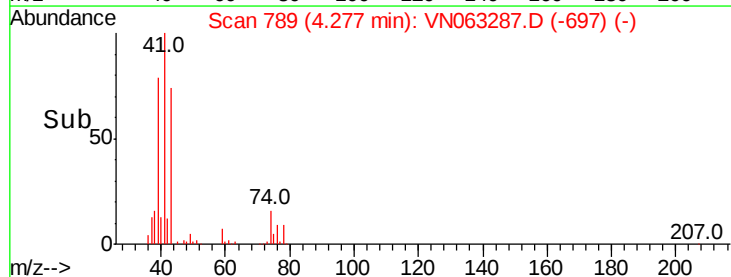
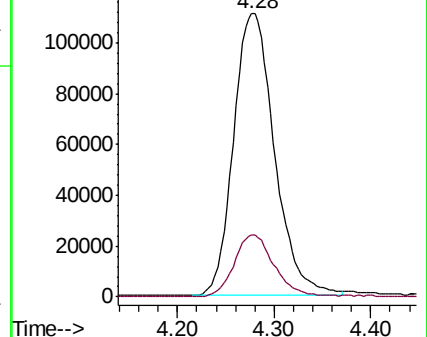
43 100

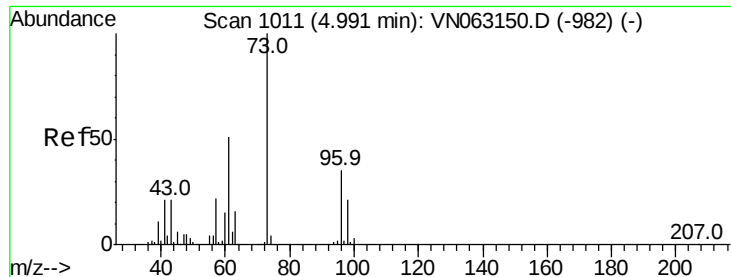
74 21.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

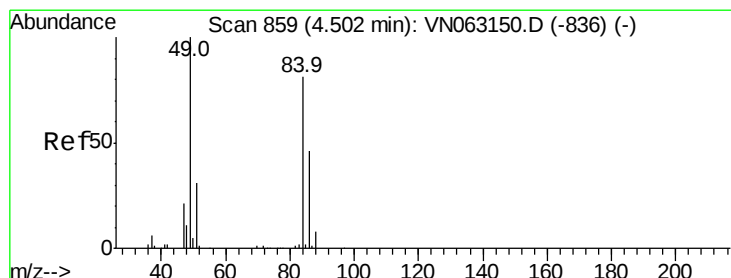
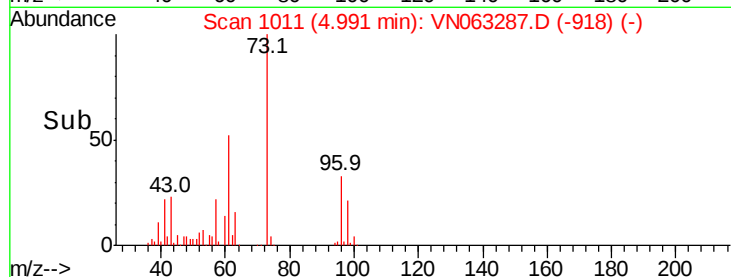
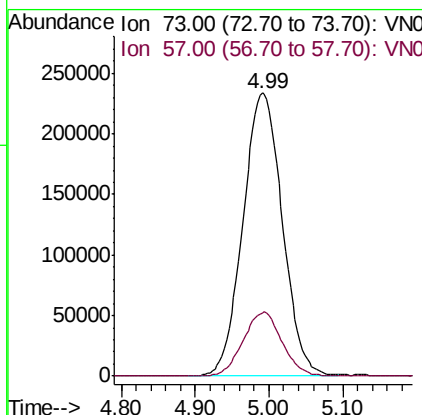
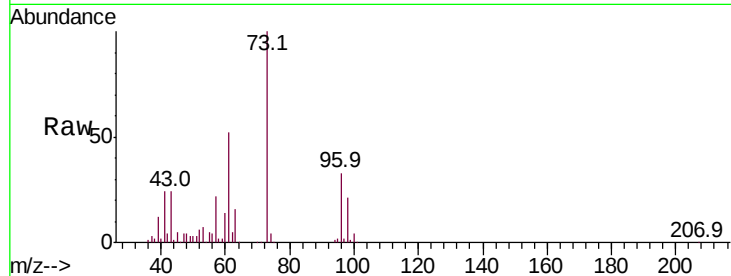




#19
Methvl tert-butvl Ether
Concen: 49.117 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

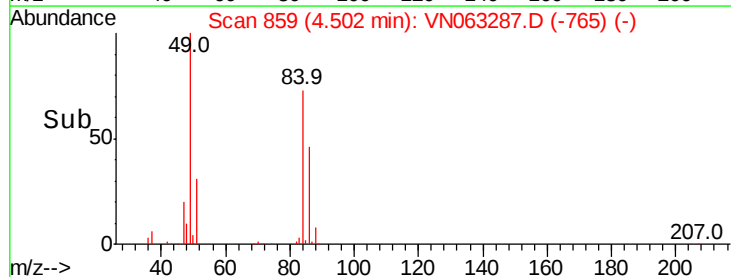
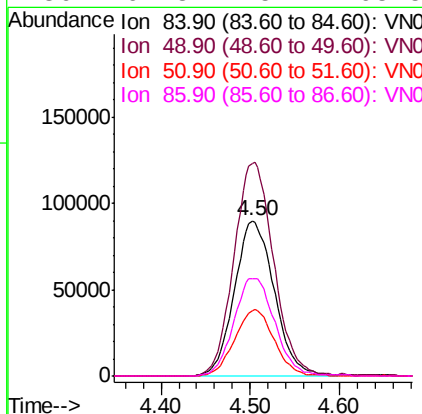
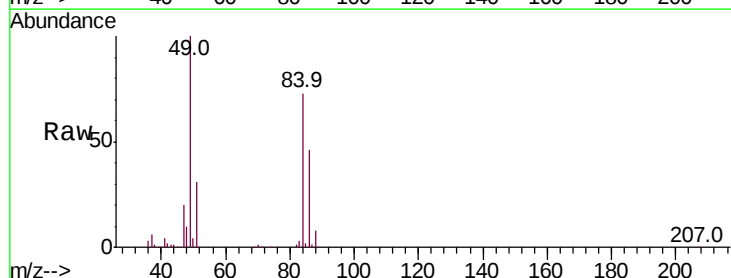
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

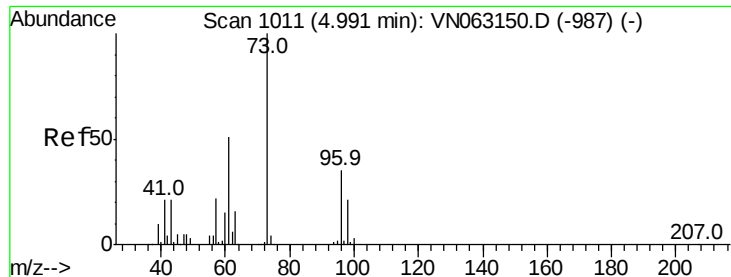
Tot Ion: 73 Resp: 871003
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 48.881 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 84 Resp: 278347
Ion Ratio Lower Upper
84 100
49 137.3 98.4 147.6
51 41.9 30.4 45.6
86 62.8 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 47.925 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

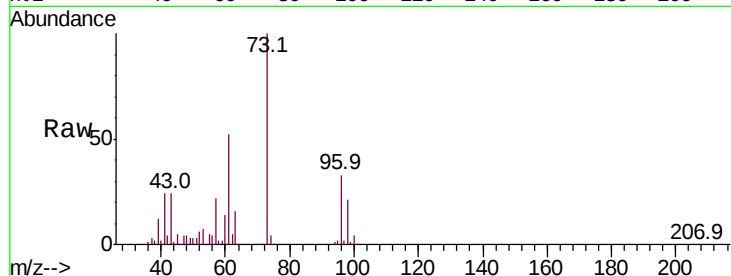
Tot Ion: 96 Resp: 253105

Ion Ratio Lower Upper

96 100

61 157.6 116.2 174.4

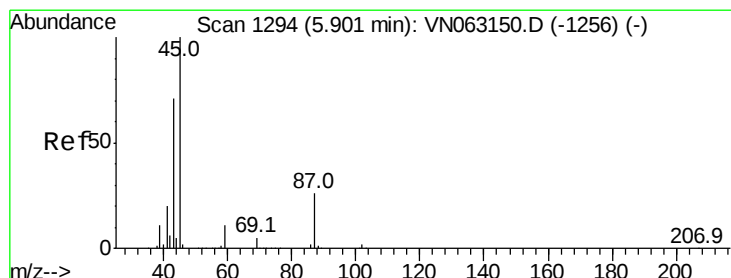
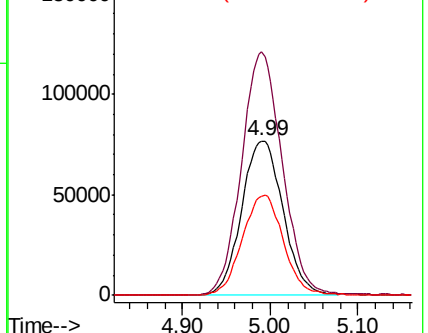
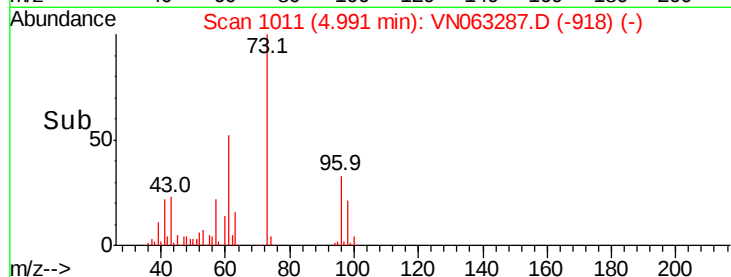
98 64.2 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)



#22

Diisopropyl ether

Concen: 52.123 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion: 45 Resp: 991629

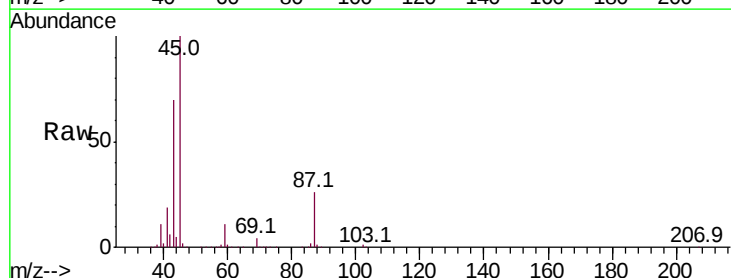
Ion Ratio Lower Upper

45 100

43 69.6 56.8 85.2

87 25.8 21.1 31.7

59 10.8 8.9 13.3

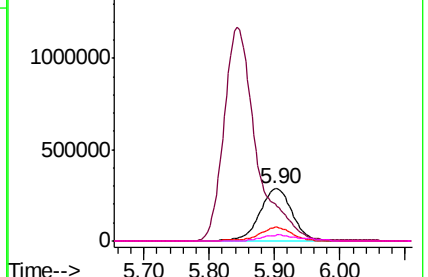
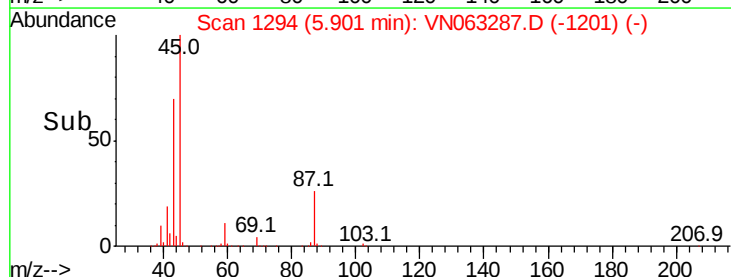


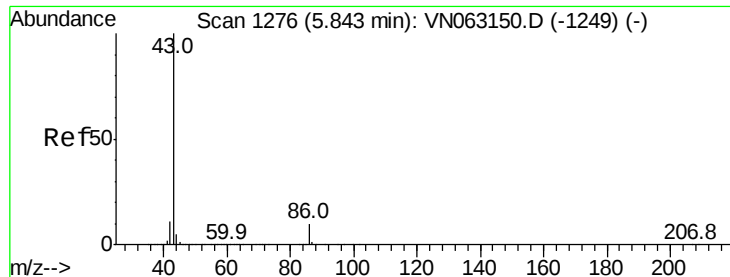
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)





#23

Vinyl Acetate

Concen: 265.307 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

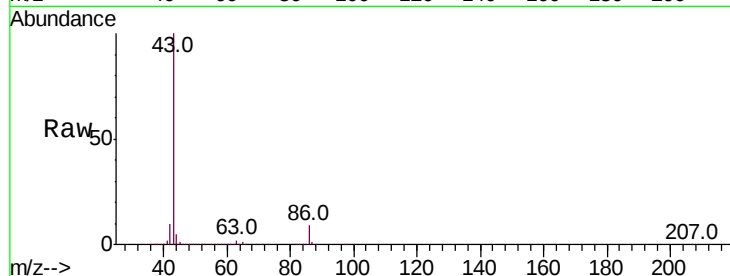
VSTDCCC050EC

Tot Ion: 43 Resp: 4027395

Ion Ratio Lower Upper

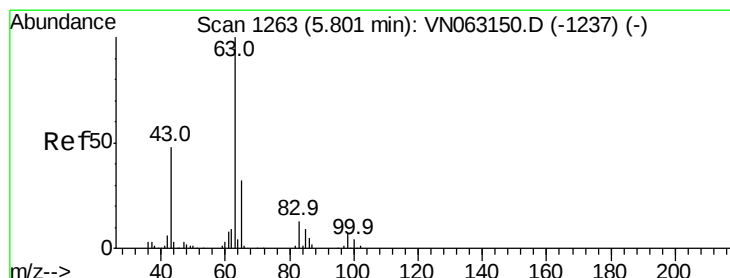
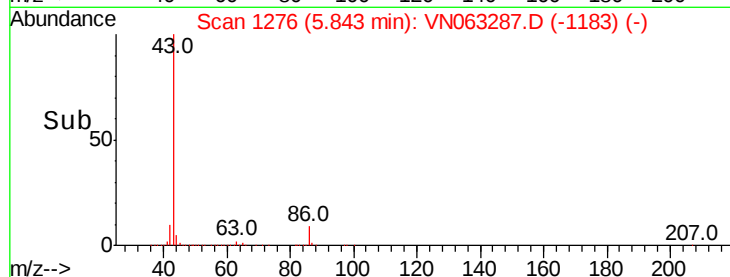
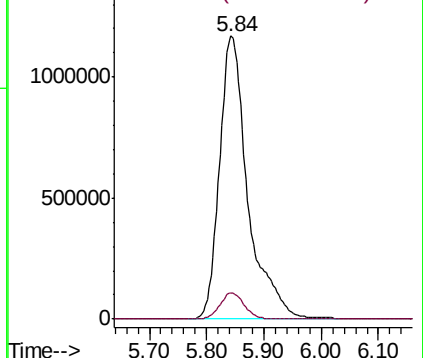
43 100

86 9.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.465 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

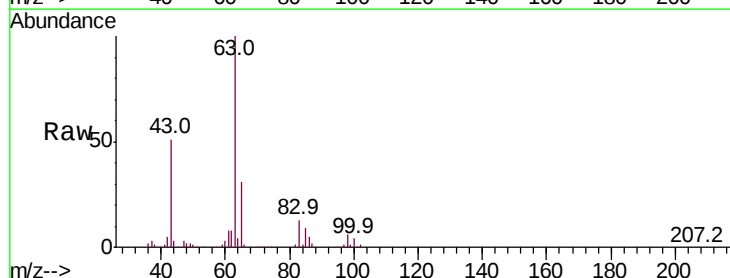
Tgt Ion: 63 Resp: 529273

Ion Ratio Lower Upper

63 100

98 5.8 3.4 10.1

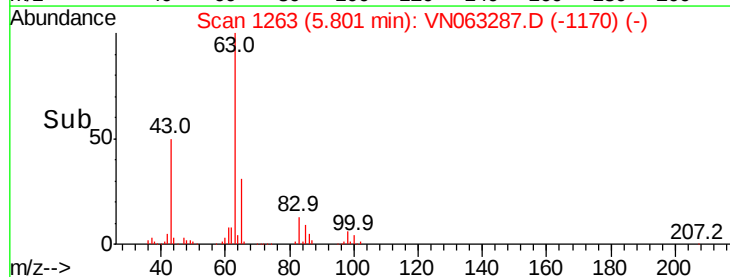
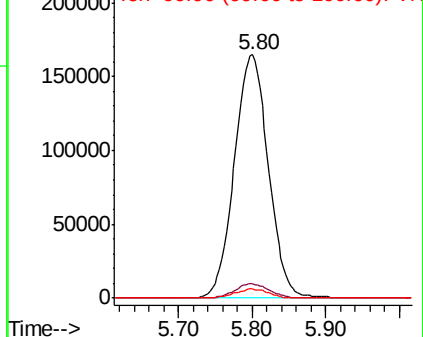
100 3.6 2.3 6.8

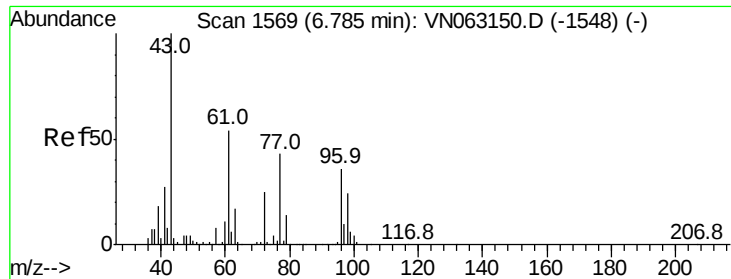


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 279.860 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

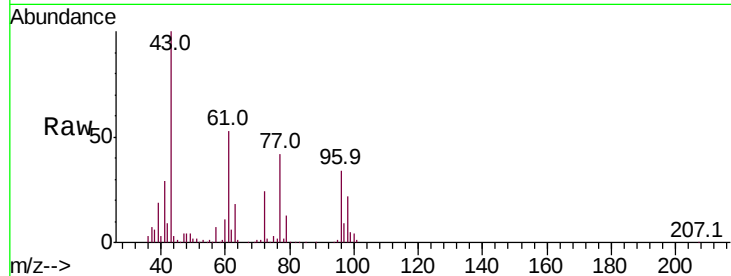
VSTDCCC050EC

Tot Ion: 43 Resp: 877360

Ion Ratio Lower Upper

43 100

72 24.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1548) (-)

Ion 72.00 (71.70 to 72.70): VN063150.D (-1548) (-)

6.78

300000

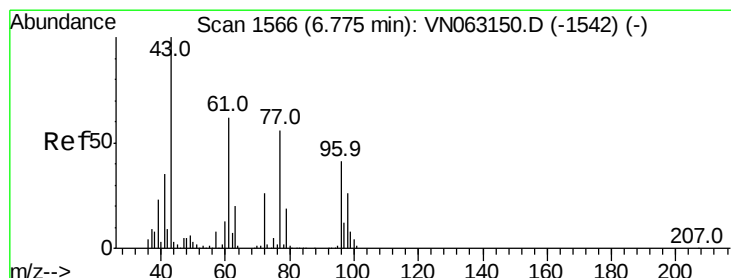
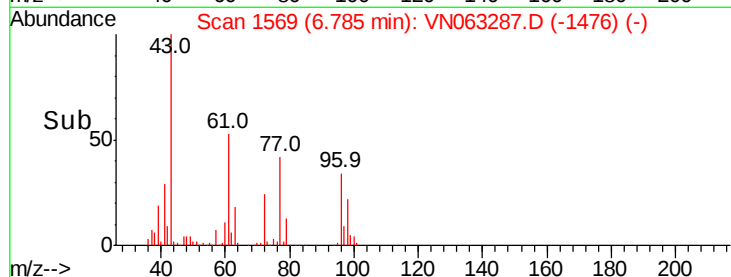
200000

100000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 45.991 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063287.D

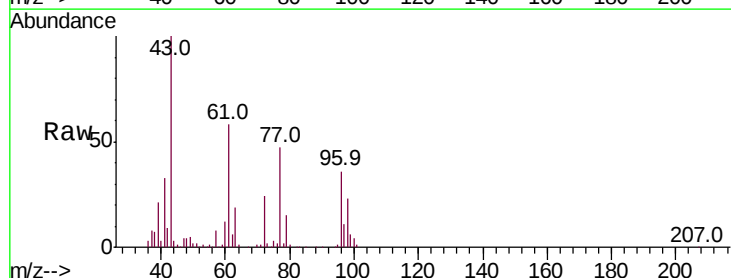
Acq: 9 Sep 2020 17:03

Tgt Ion: 77 Resp: 437029

Ion Ratio Lower Upper

77 100

97 22.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN063150.D (-1542) (-)

Ion 96.90 (96.60 to 97.60): VN063150.D (-1542) (-)

6.78

150000

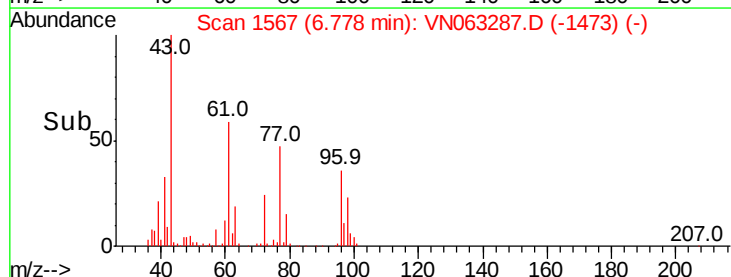
100000

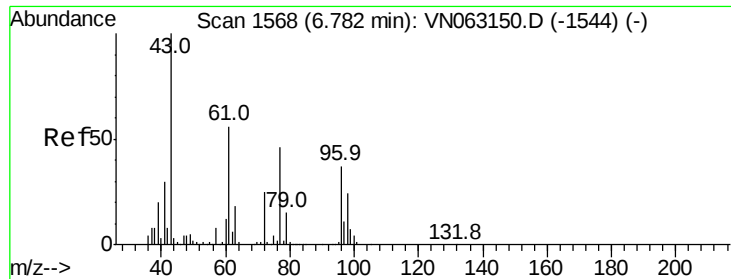
50000

0

6.60 6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.052 ug/l

RT: 6.78 min Scan# 1568

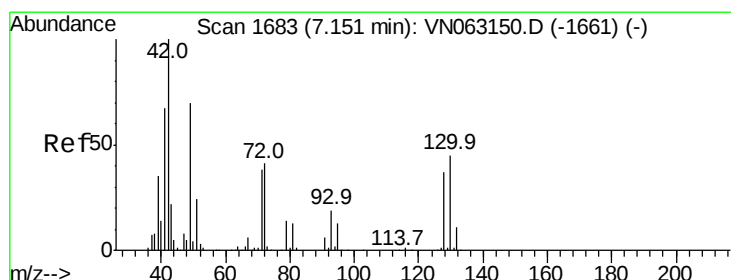
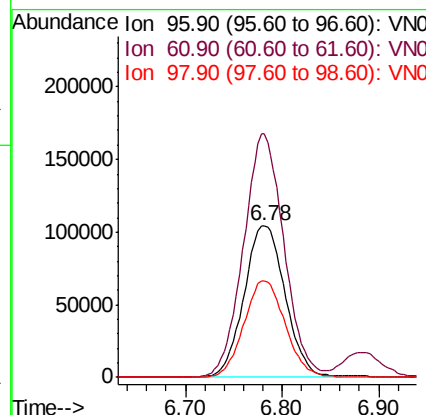
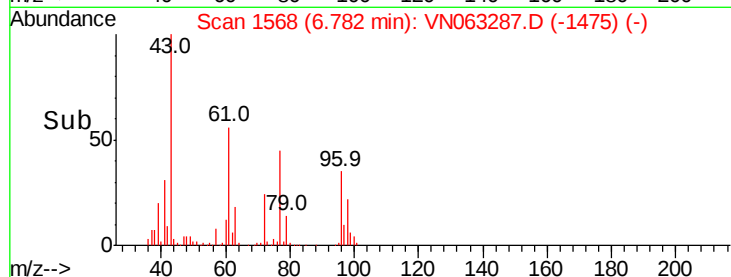
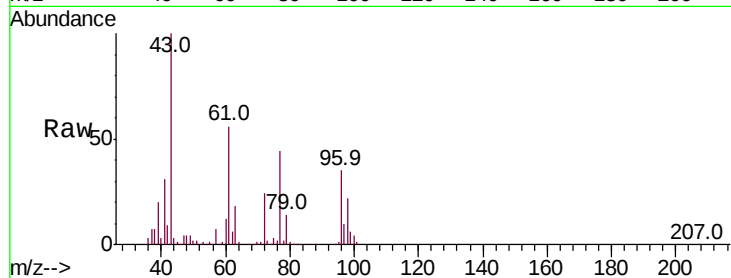
Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.3	0.0	303.2
98	63.9	0.0	129.0



#28

Bromochloromethane

Concen: 47.818 ug/l

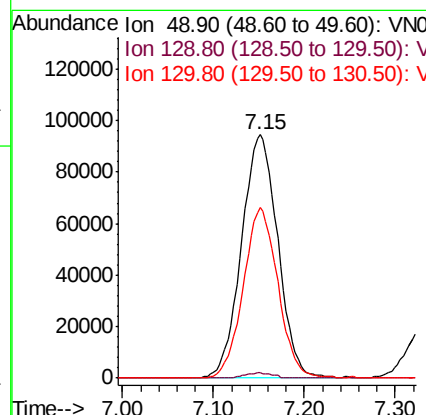
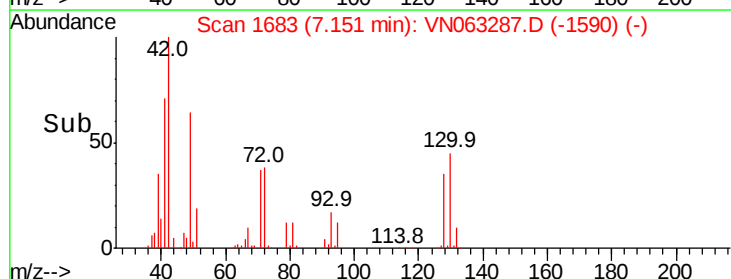
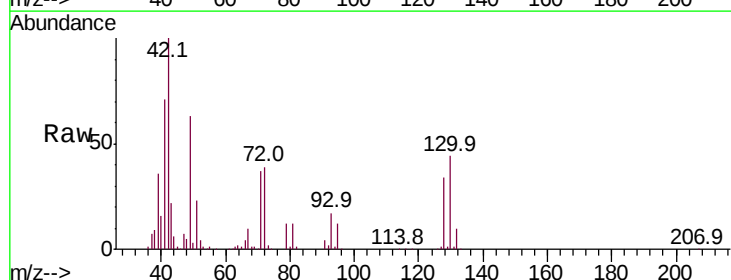
RT: 7.15 min Scan# 1683

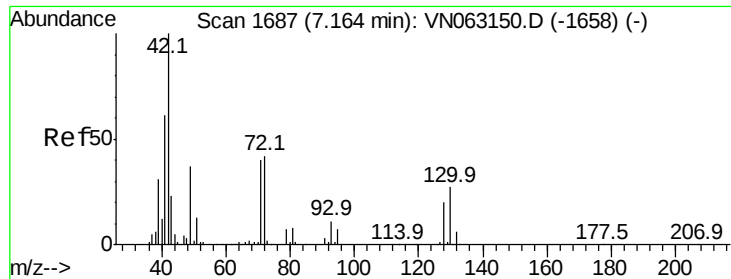
Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	66.8	54.4	81.6





#29

Tetrahydrofuran

Concen: 268.675 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

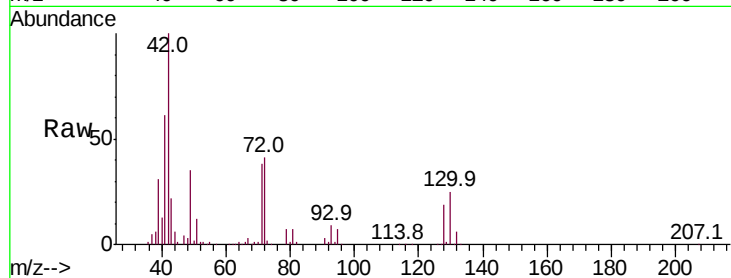
Tot Ion: 42 Resp: 582409

Ion Ratio Lower Upper

42 100

72 40.2 33.9 50.9

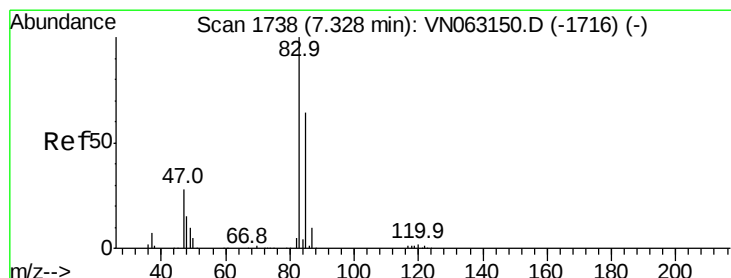
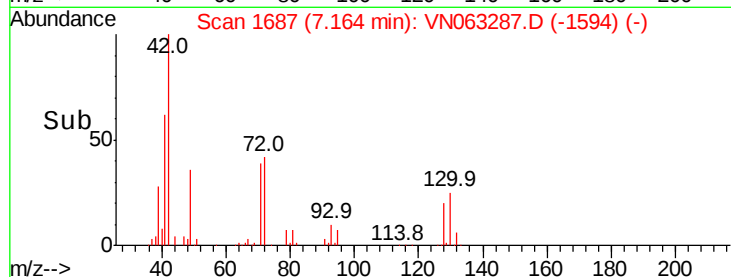
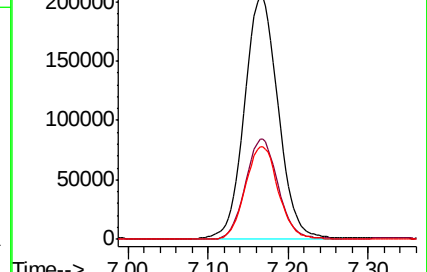
71 37.7 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN063150.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063150.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063150.D (-1658) (-)



#30

Chloroform

Concen: 48.257 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063287.D

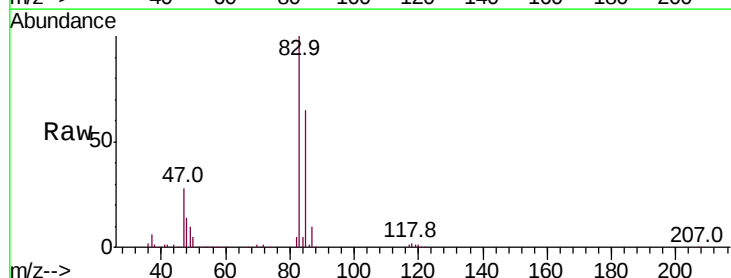
Acq: 9 Sep 2020 17:03

Tgt Ion: 83 Resp: 529518

Ion Ratio Lower Upper

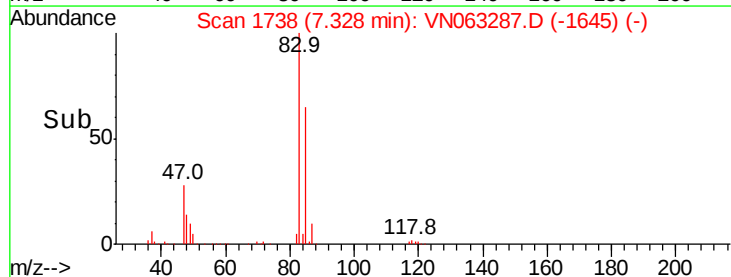
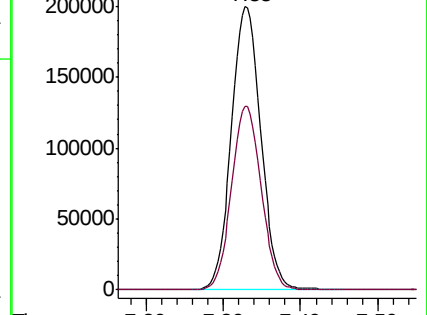
83 100

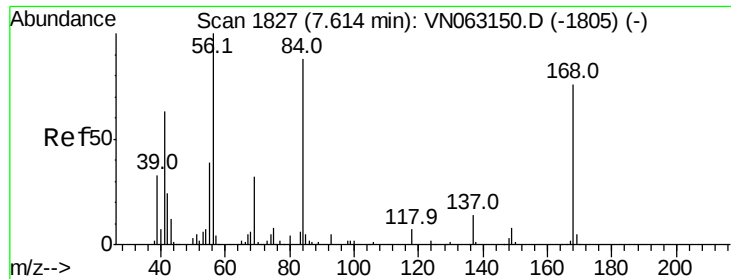
85 65.0 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-1716) (-)

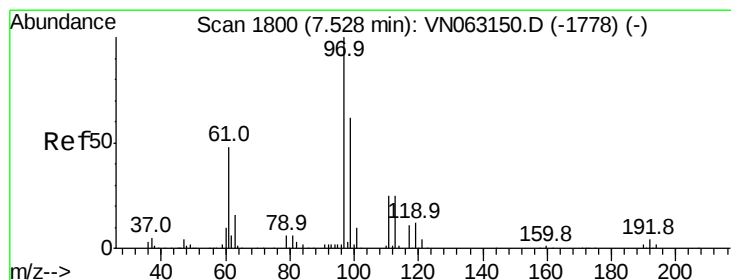
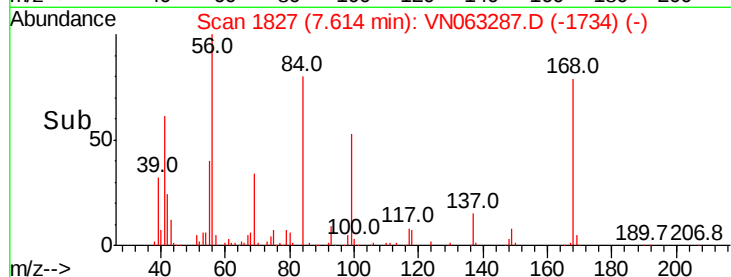
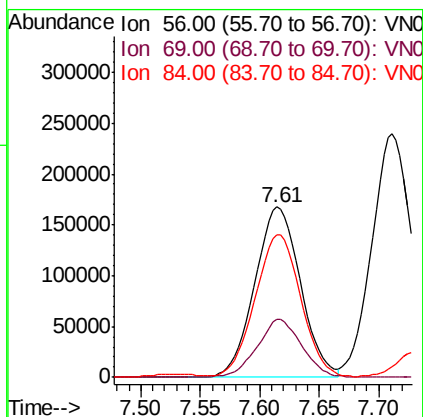
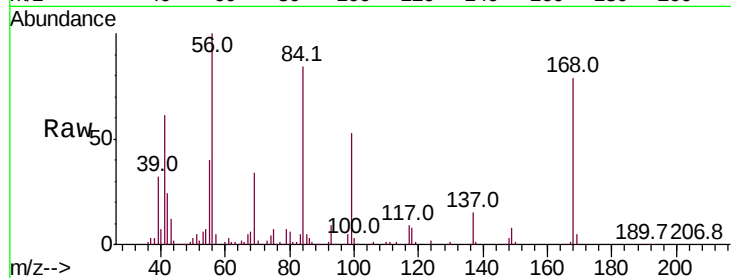




#31
Cyclohexane
Concen: 48.277 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

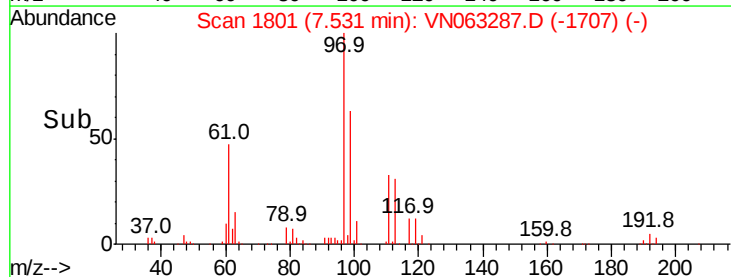
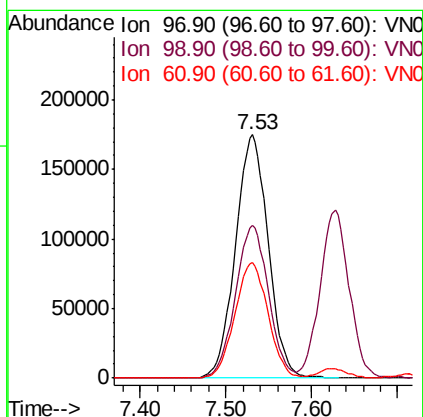
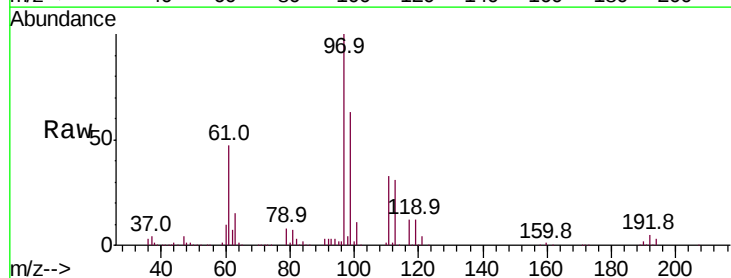
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

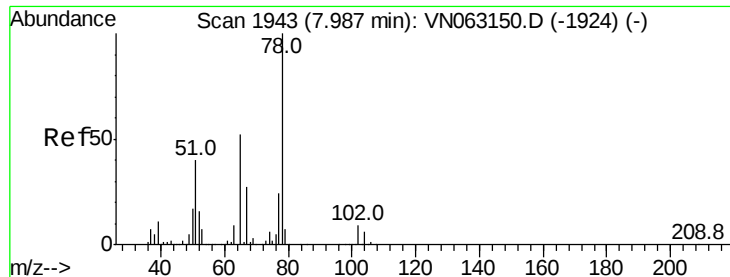
Tot Ion: 56 Resp: 446749
Ion Ratio Lower Upper
56 100
69 34.3 25.4 38.0
84 82.2 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 48.990 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 97 Resp: 463216
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 48.0 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 51.588 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

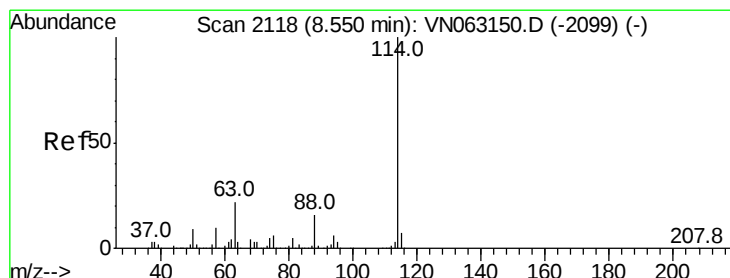
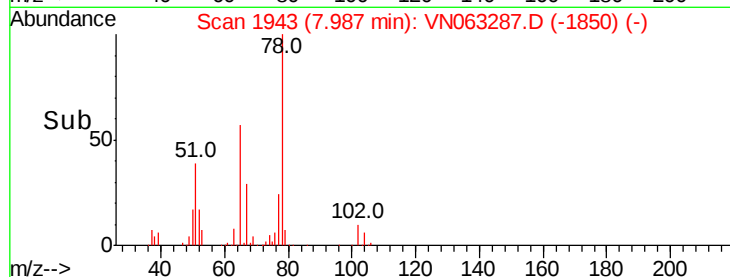
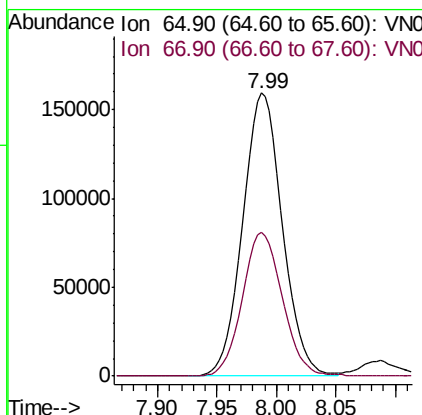
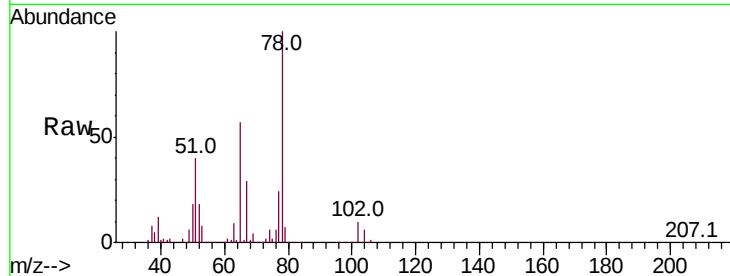
Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 367426

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

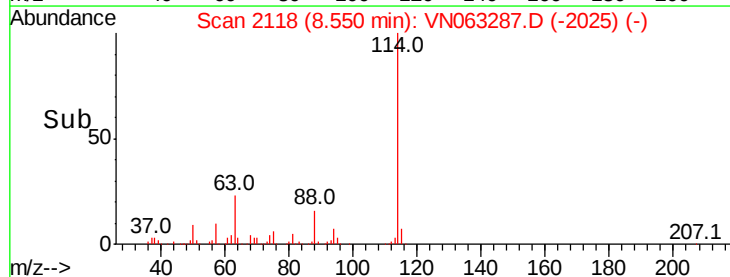
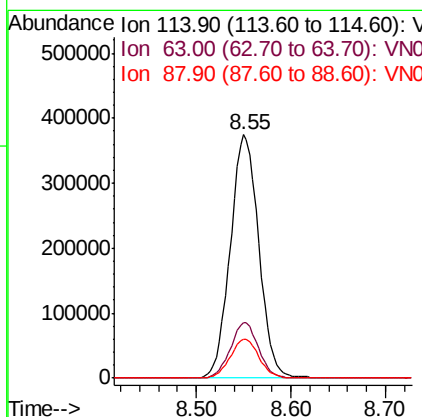
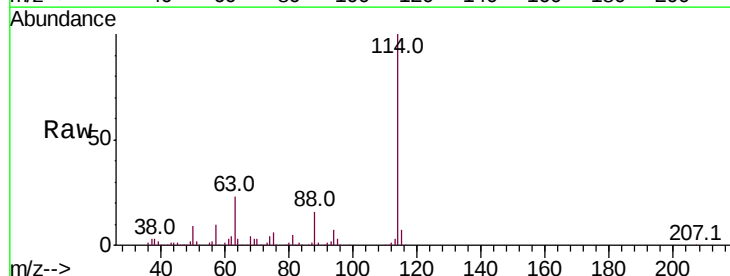
Delta R.T. 0.00 min

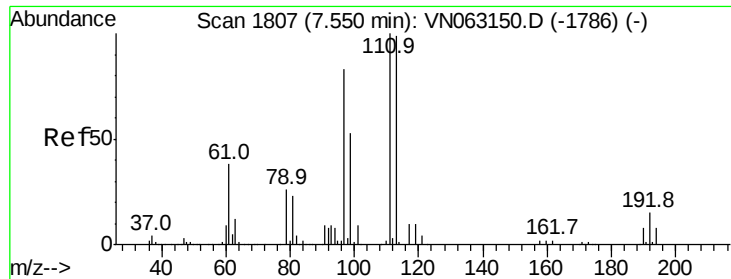
Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion: 114 Resp: 783648

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	43.0
88	16.1	0.0	31.6

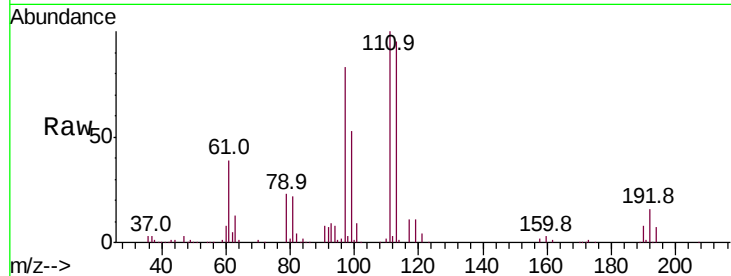




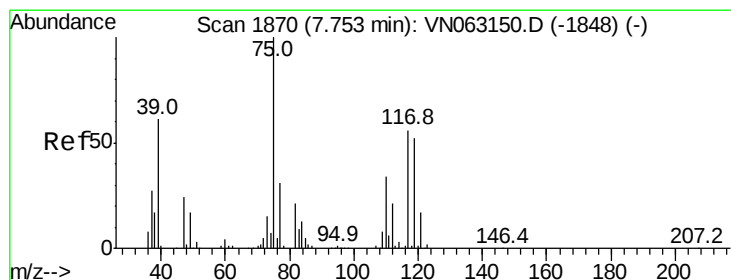
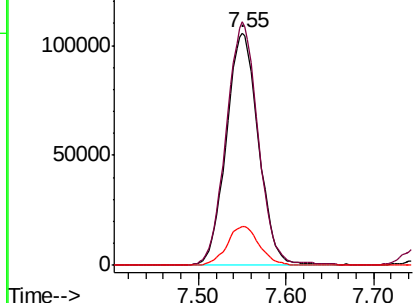
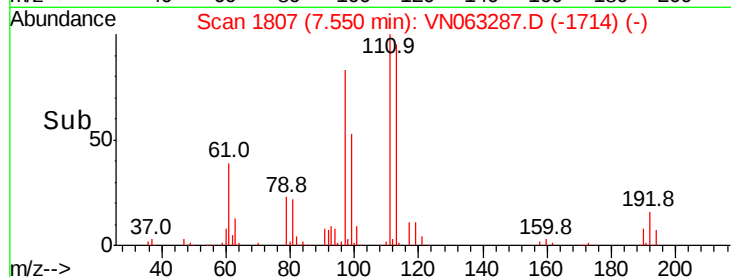
#35
 Dibromofluoromethane
 Concen: 53.712 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	16.9	12.6	19.0

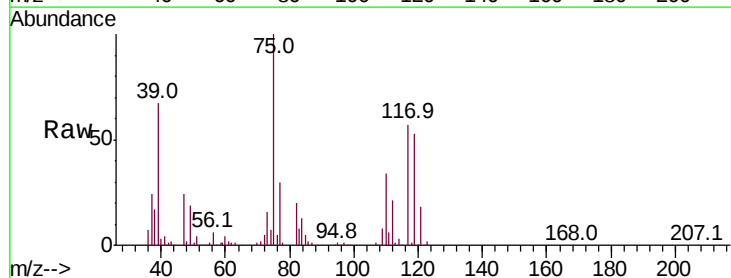


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

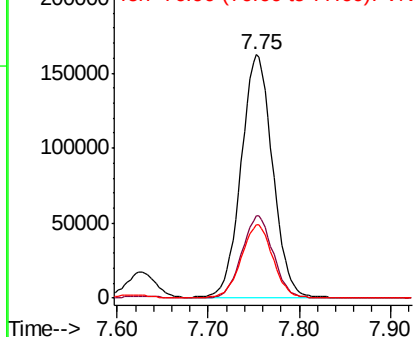
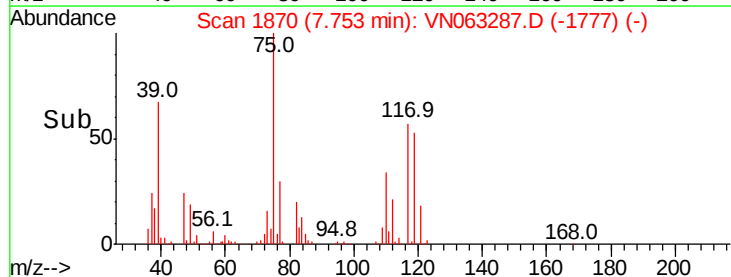


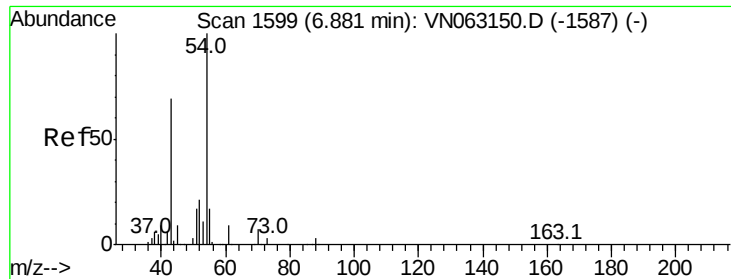
#36
 1,1-Dichloropropene
 Concen: 51.553 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.6	49.8
77	30.7	25.4	38.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

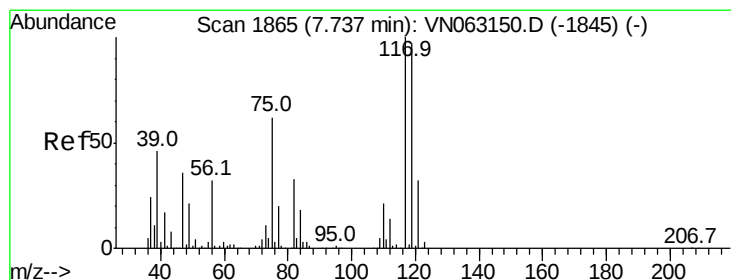
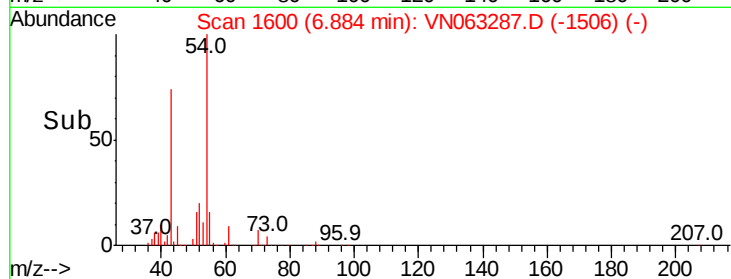
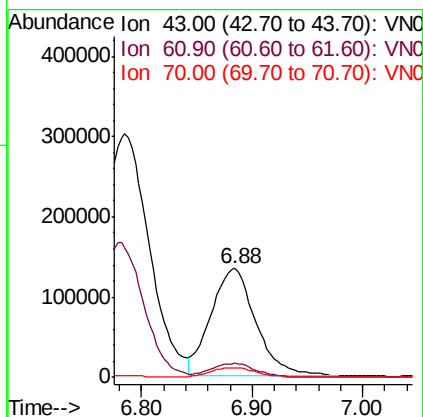
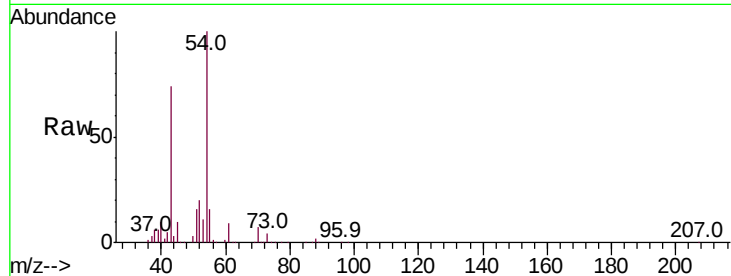




#37
Ethyl Acetate
Concen: 53.393 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

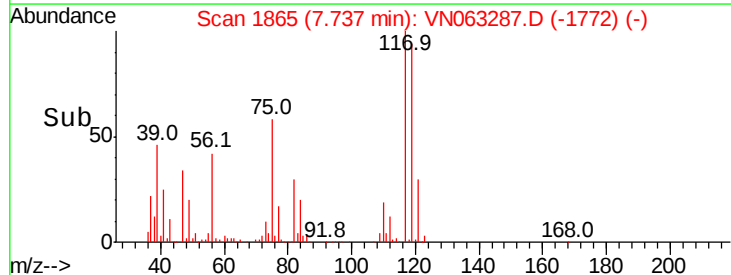
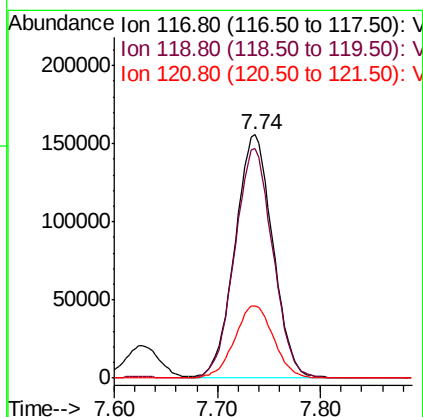
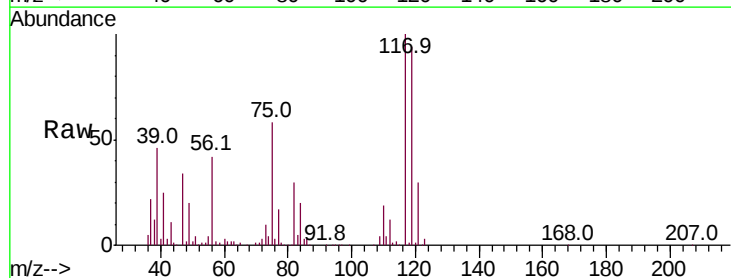
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

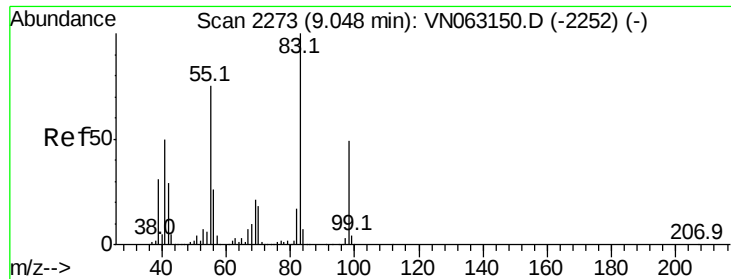
Tot Ion: 43 Resp: 380010
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.4
70 9.2 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 51.740 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 117 Resp: 395296
Ion Ratio Lower Upper
117 100
119 94.4 77.2 115.8
121 29.8 25.6 38.4

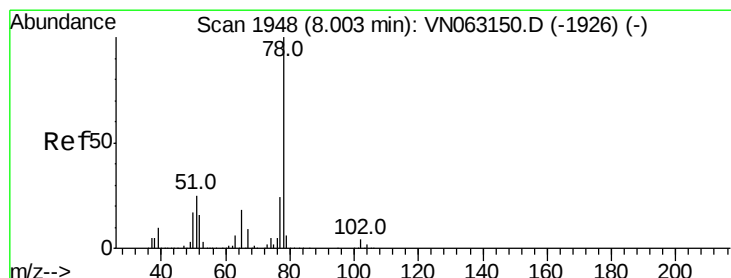
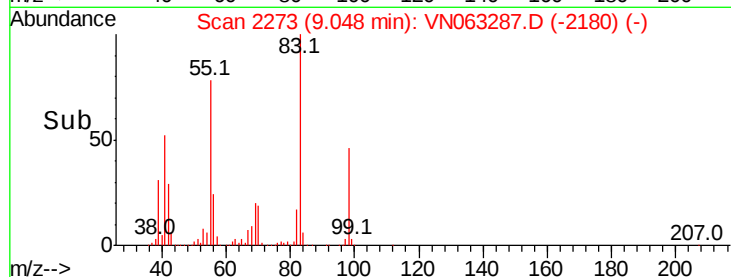
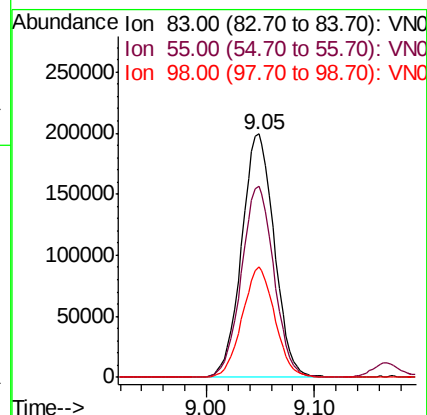
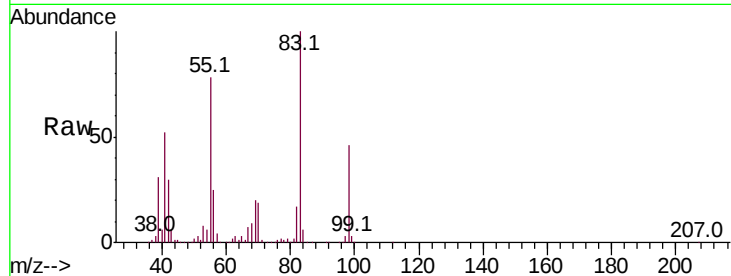




#39
Methvlcvclohexane
Concen: 49.662 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

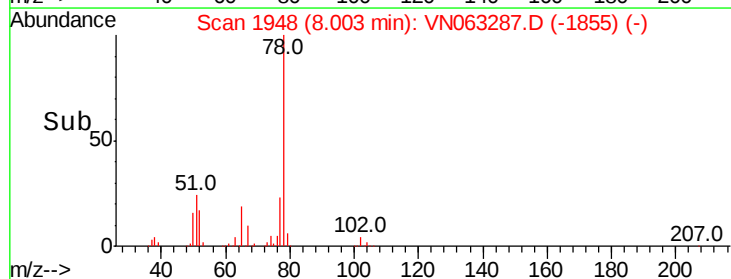
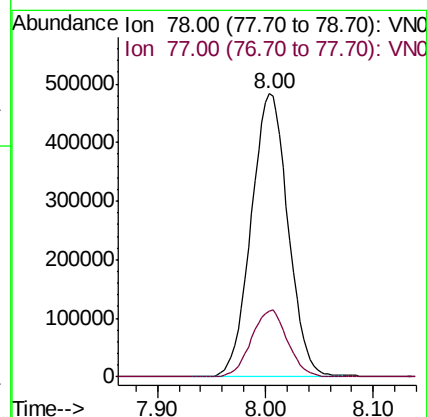
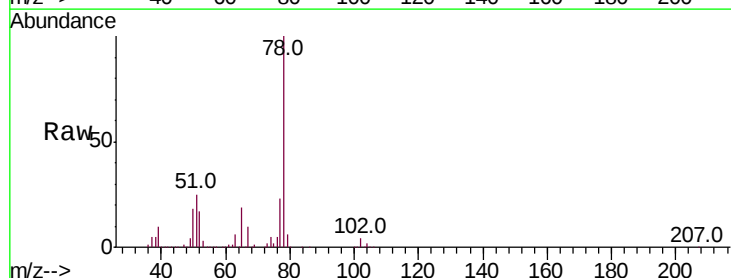
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

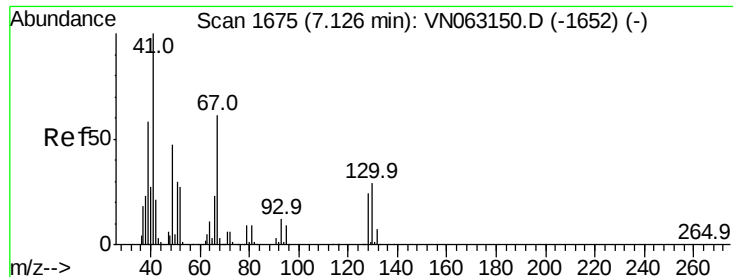
Tot Ion: 83 Resp: 420305
Ion Ratio Lower Upper
83 100
55 78.3 60.3 90.5
98 45.6 38.9 58.3



#40
Benzene
Concen: 51.732 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 78 Resp: 1145260
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9

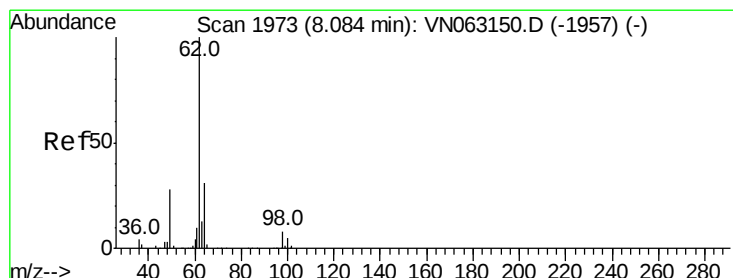
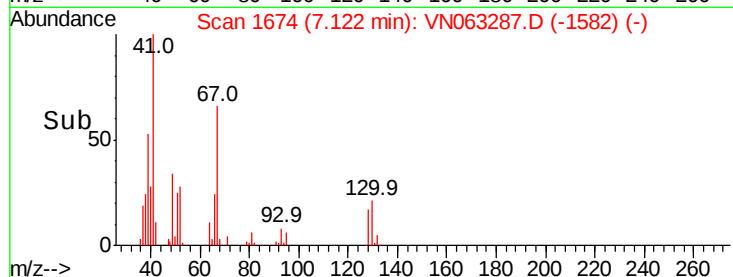
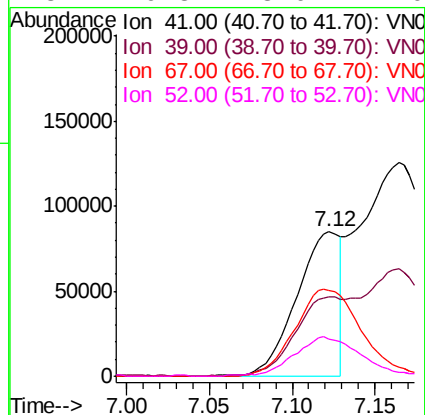
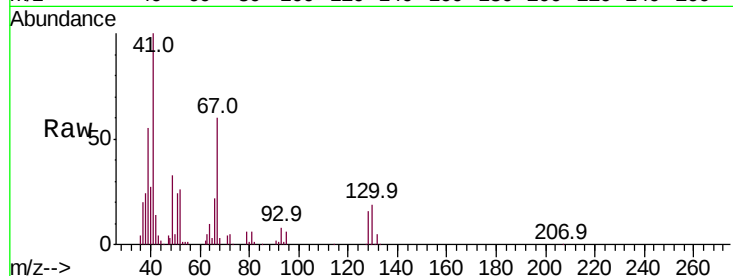




#41
Methacrylonitrile
Concen: 48.596 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

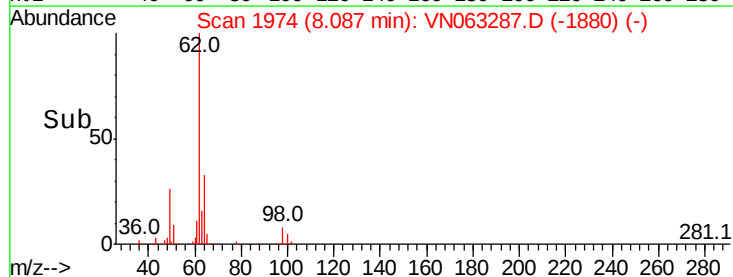
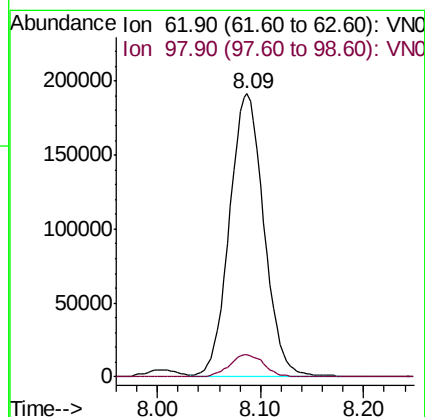
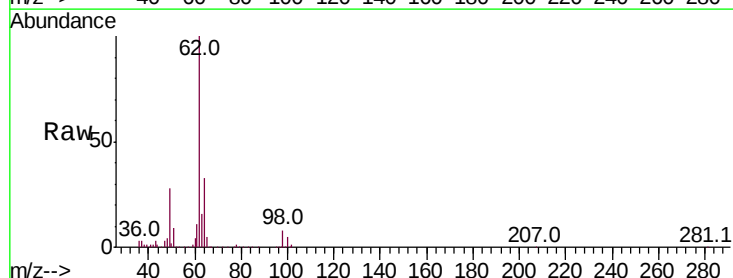
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

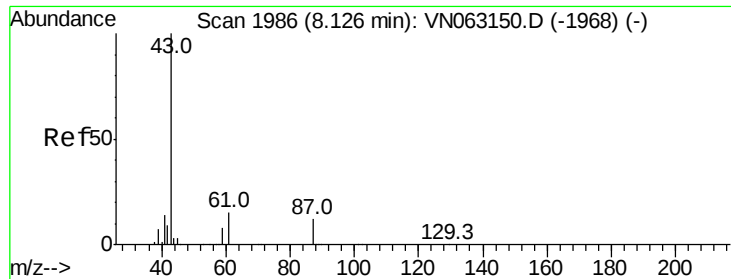
Tot Ion:	41	Resp:	154231
Ion	Ratio	Lower	Upper
41	100		
39	61.6	46.6	70.0
67	93.6	62.6	94.0
52	40.8	28.0	42.0



#42
1,2-Dichloroethane
Concen: 53.585 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion:	62	Resp:	443128
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2





#43

Isopropyl Acetate

Concen: 56.055 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

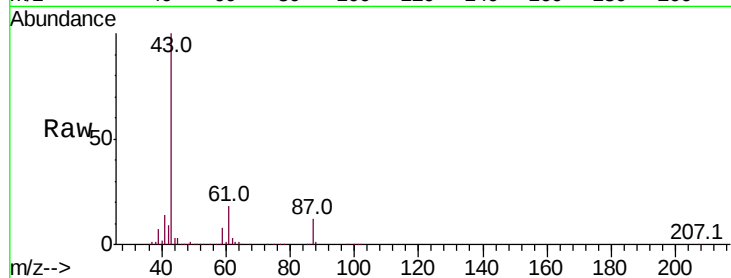
Tot Ion: 43 Resp: 688702

Ion Ratio Lower Upper

43 100

61 24.1 20.2 30.4

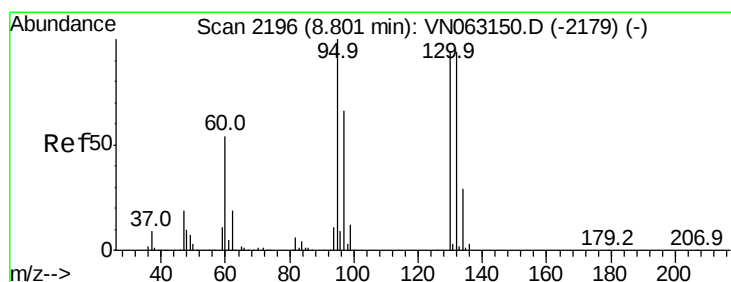
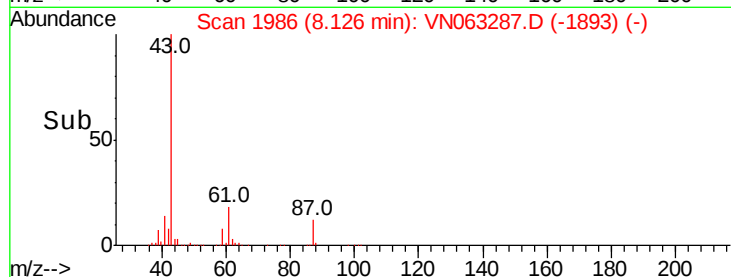
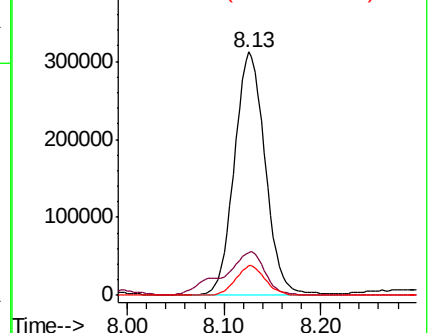
87 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 55.033 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063287.D

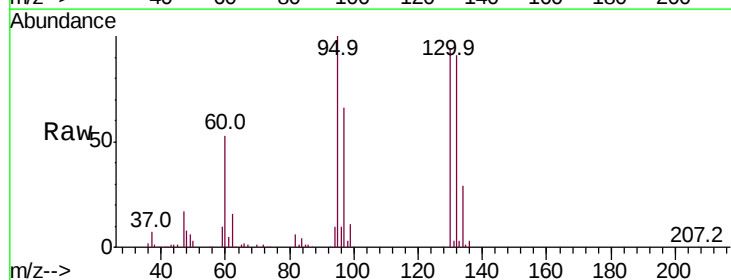
Acq: 9 Sep 2020 17:03

Tgt Ion:130 Resp: 295519

Ion Ratio Lower Upper

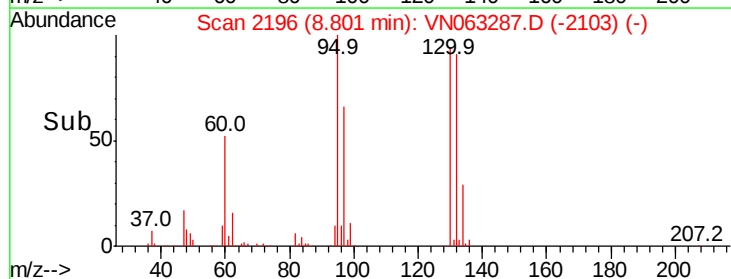
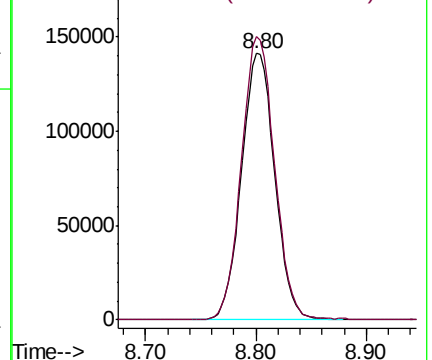
130 100

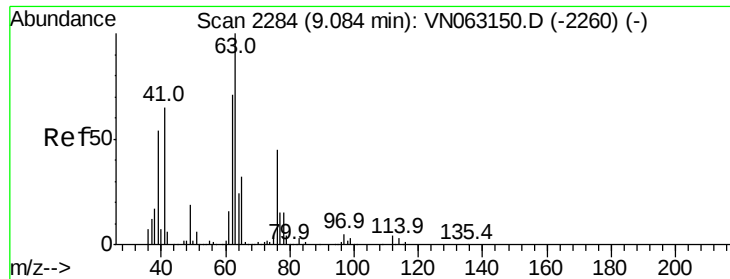
95 106.2 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)

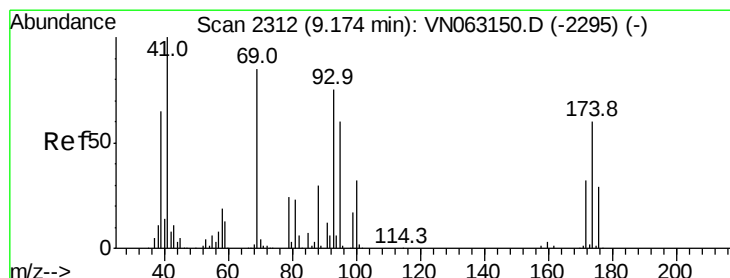
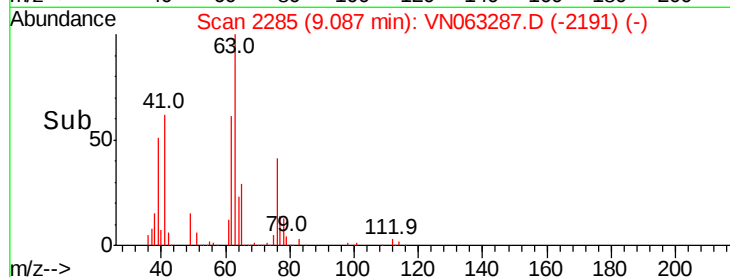
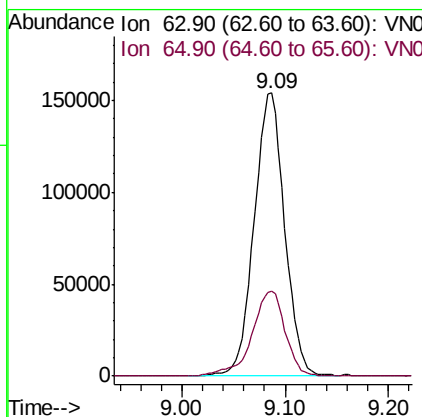
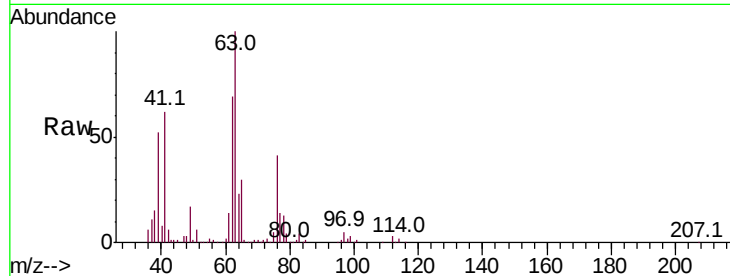




#45
 1,2-Dichloropropane
 Concen: 53.887 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

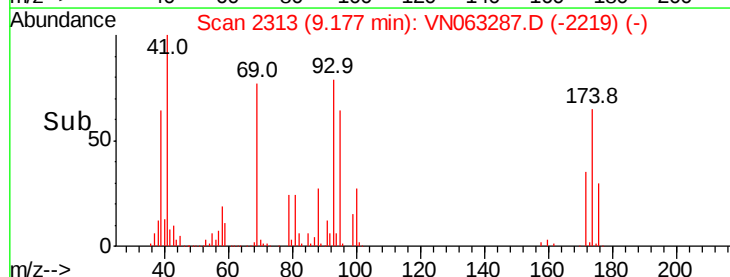
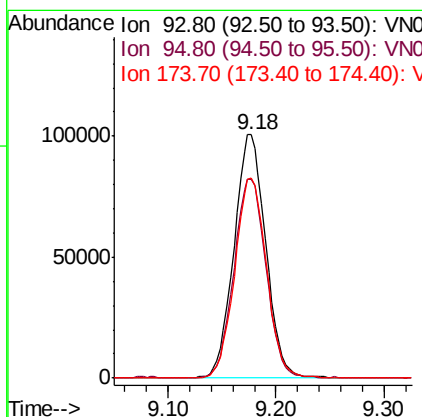
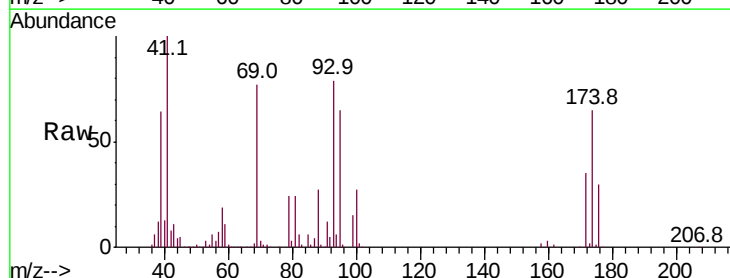
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

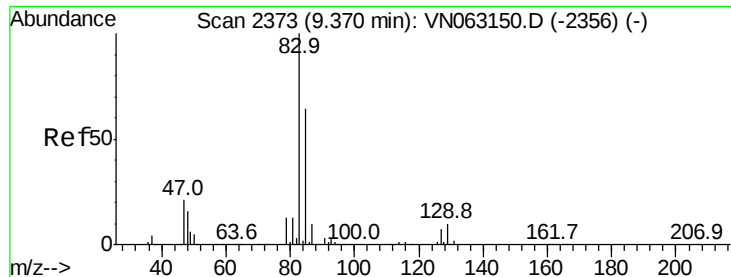
Tot Ion: 63 Resp: 315861
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0



#46
 Dibromomethane
 Concen: 53.143 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion: 93 Resp: 206429
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.2 97.8
 174 82.3 64.6 97.0





#47

Bromodichloromethane

Concen: 52.829 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

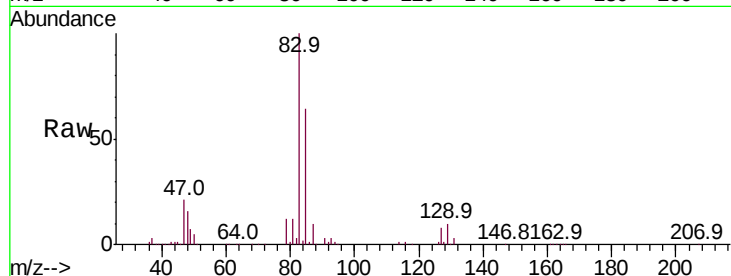
Tot Ion: 83 Resp: 439855

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

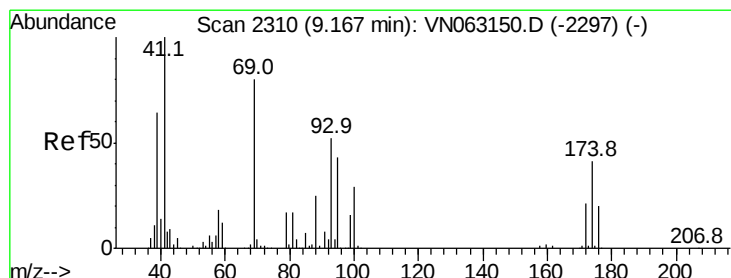
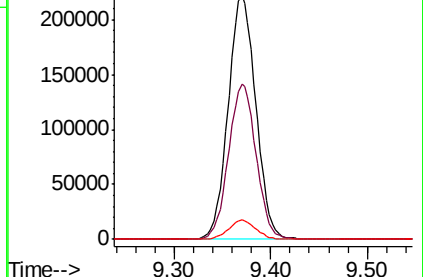
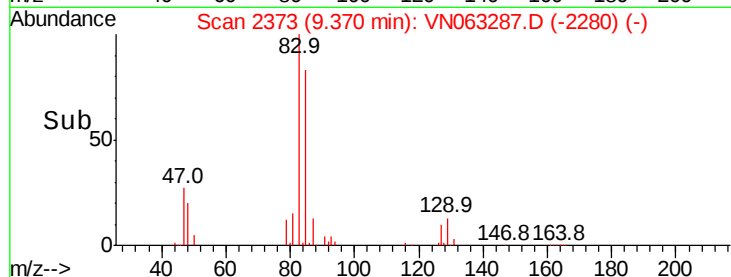
127 7.9 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063287.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063287.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063287.D (-2280) (-)



#48

Methyl methacrylate

Concen: 59.068 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

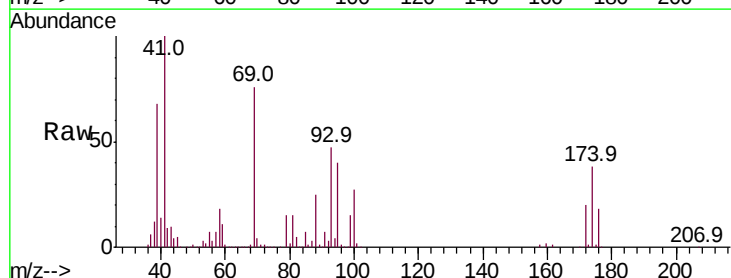
Tgt Ion: 41 Resp: 327155

Ion Ratio Lower Upper

41 100

69 78.1 65.9 98.9

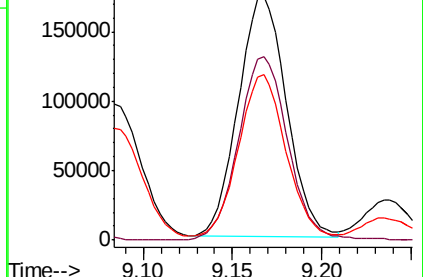
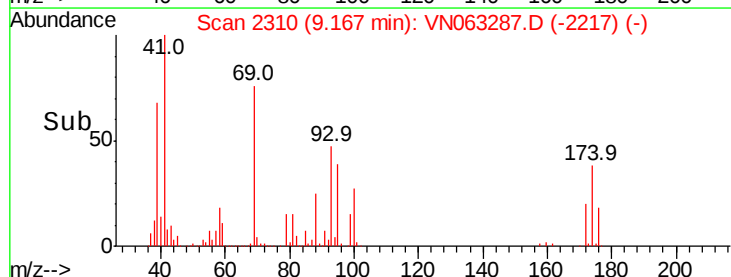
39 68.6 52.0 78.0

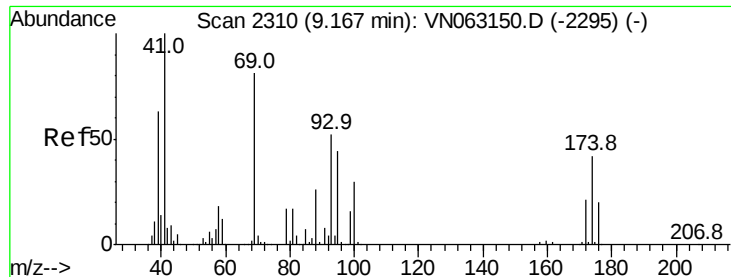


Abundance Ion 41.00 (40.70 to 41.70): VN063287.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063287.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063287.D (-2217) (-)

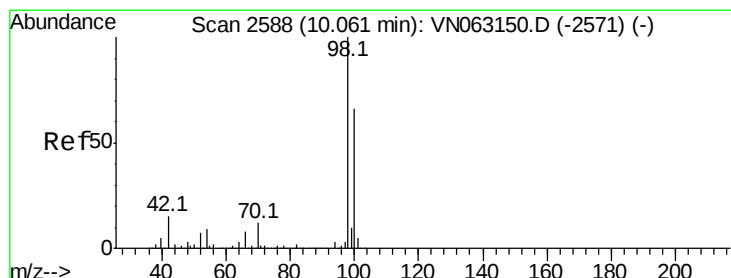
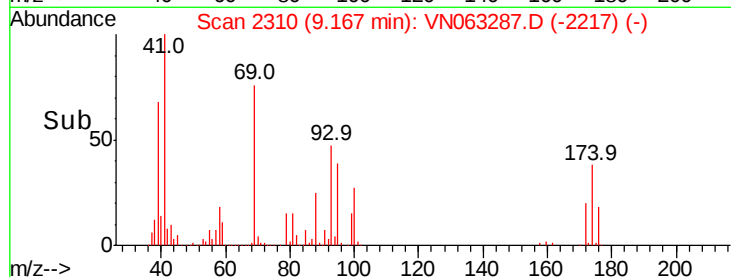
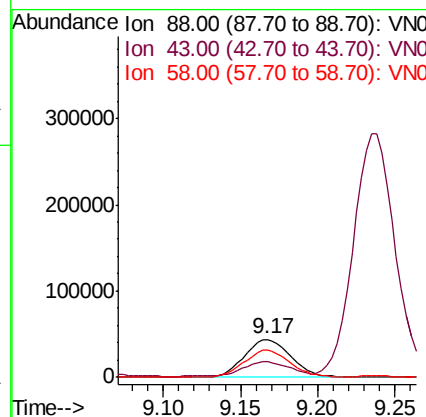
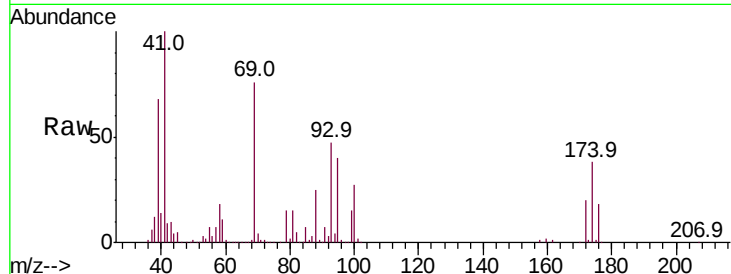




#49
1,4-Dioxane
Concen: 1069.288 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

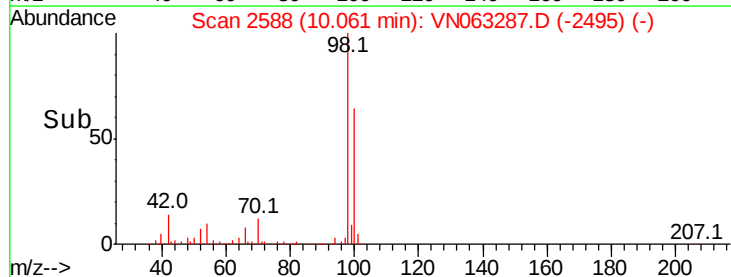
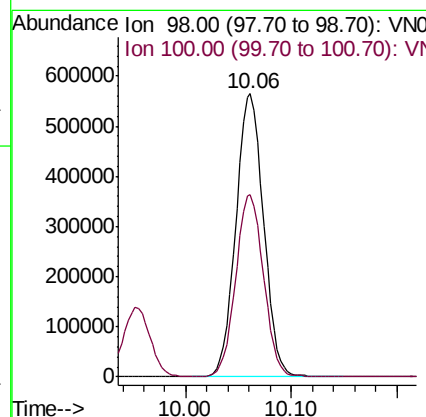
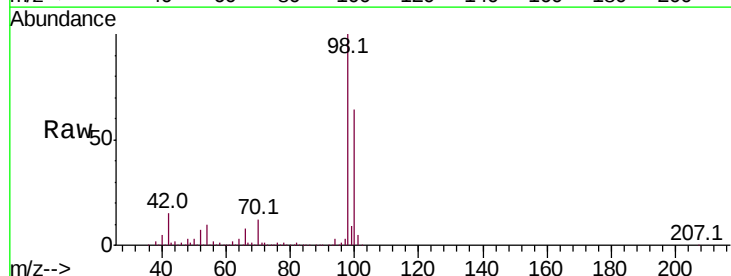
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

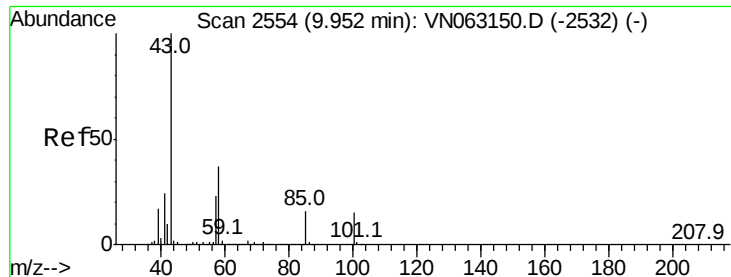
Tot Ion: 88 Resp: 91602
Ion Ratio Lower Upper
88 100
43 37.8 28.6 42.8
58 71.4 53.2 79.8



#50
Toluene-d8
Concen: 53.098 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 98 Resp: 1027486
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 295.126 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

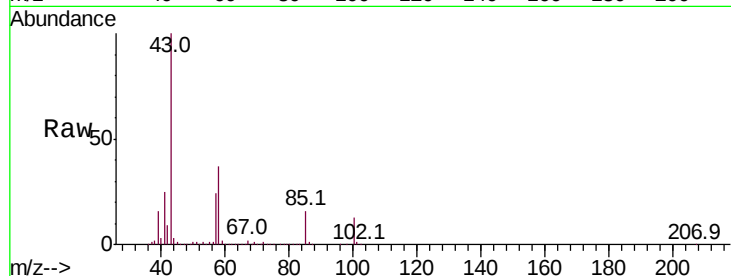
VSTDCCC050EC

Tot Ion: 43 Resp: 1970380

Ion Ratio Lower Upper

43 100

58 35.8 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)

1200000

1000000

800000

600000

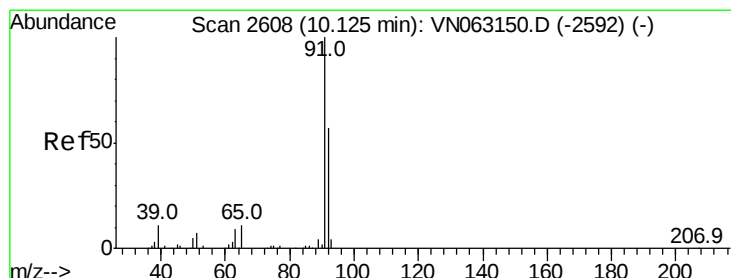
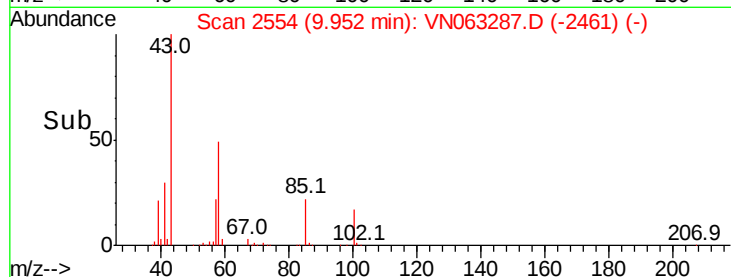
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 51.174 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063287.D

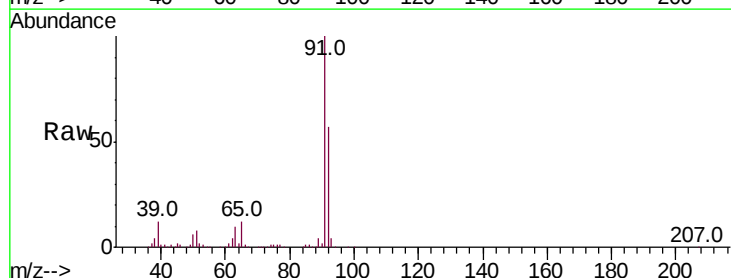
Acq: 9 Sep 2020 17:03

Tgt Ion: 92 Resp: 705730

Ion Ratio Lower Upper

92 100

91 174.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)

800000

600000

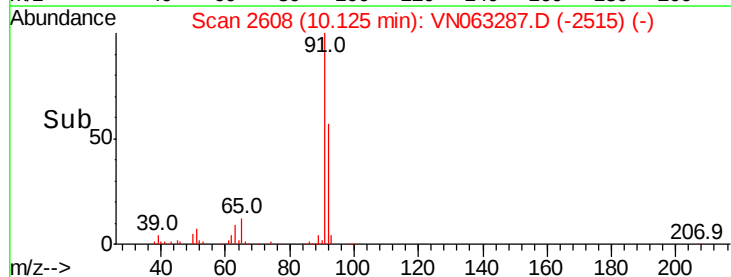
400000

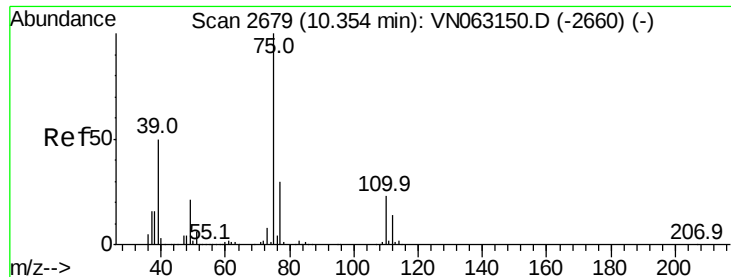
200000

0

10.10 10.13 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.482 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

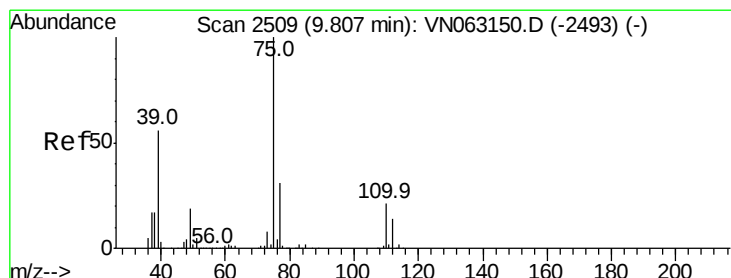
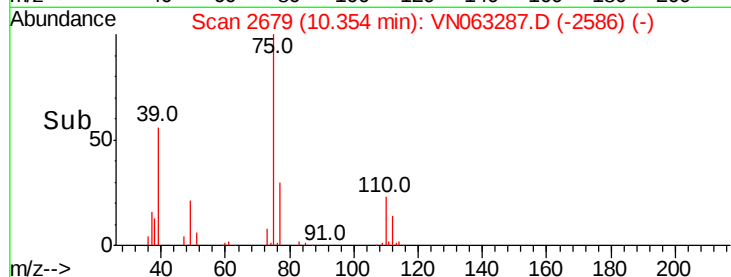
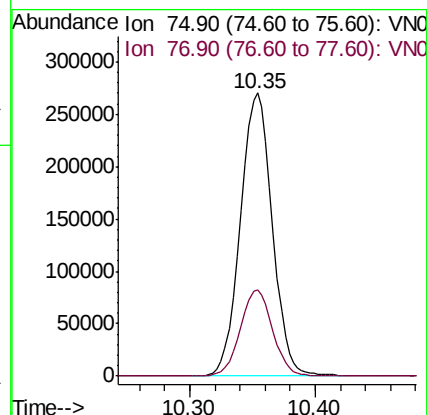
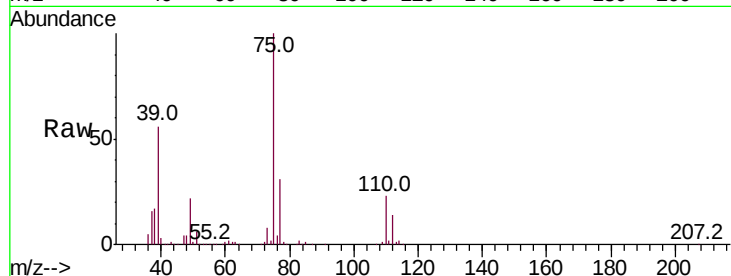
VSTDCCC050EC

Tot Ion: 75 Resp: 477976

Ion Ratio Lower Upper

75 100

77 30.5 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 53.109 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

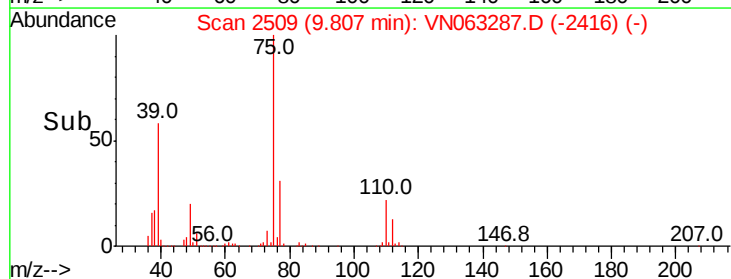
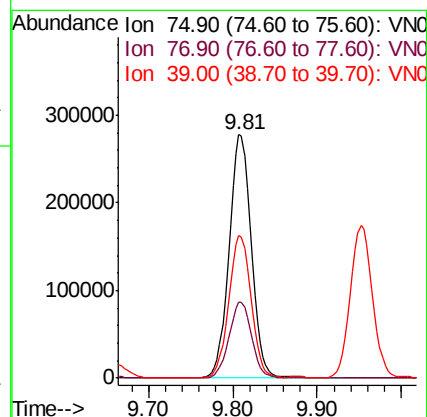
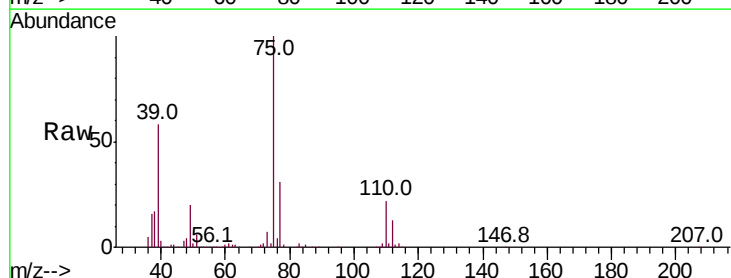
Tgt Ion: 75 Resp: 507718

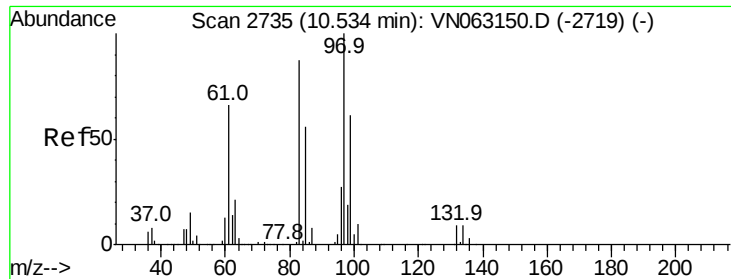
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 58.3 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 52.778 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 278744

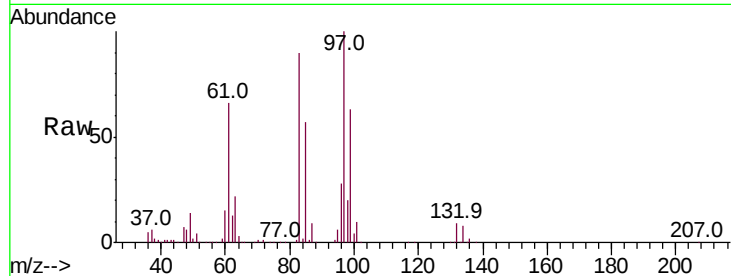
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.8	104.8
85	57.5	44.9	67.3
99	62.4	48.8	73.2

97 100

83 89.6 69.8 104.8

85 57.5 44.9 67.3

99 62.4 48.8 73.2

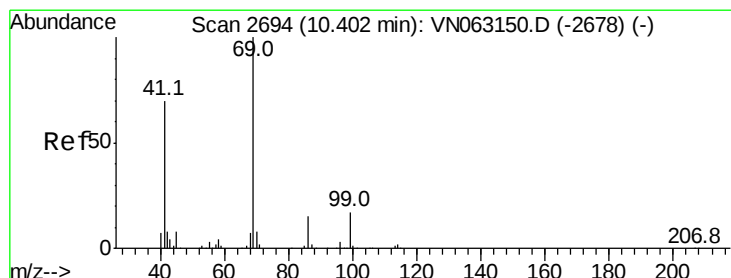
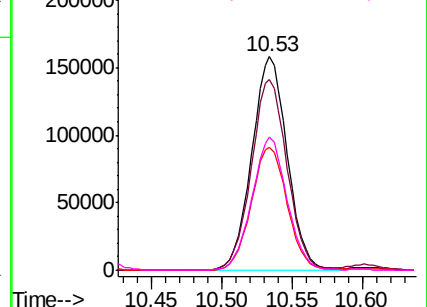
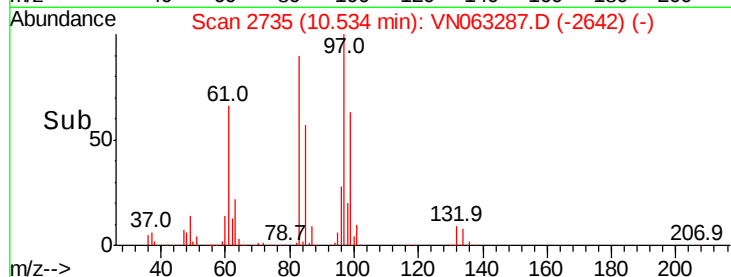


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 55.051 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

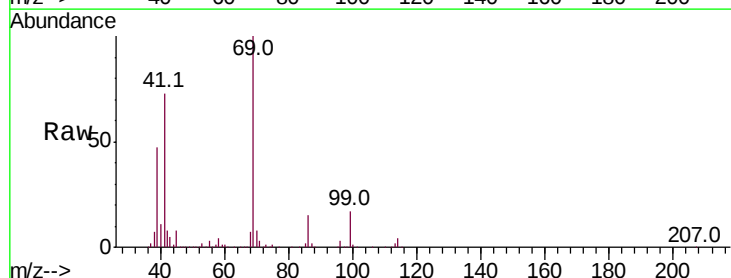
Tgt Ion: 69 Resp: 442477

Ion	Ratio	Lower	Upper
69	100		
41	73.1	55.5	83.3
39	48.3	38.2	57.2

69 100

41 73.1 55.5 83.3

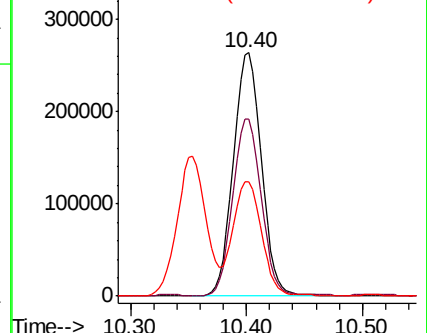
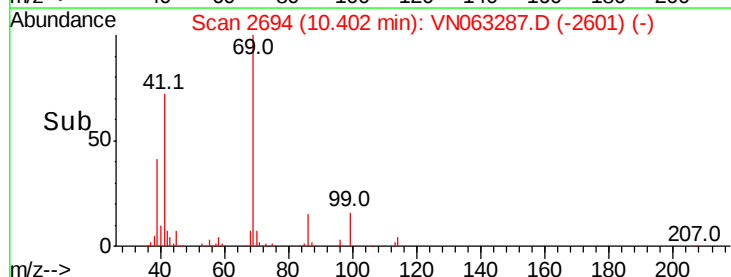
39 48.3 38.2 57.2

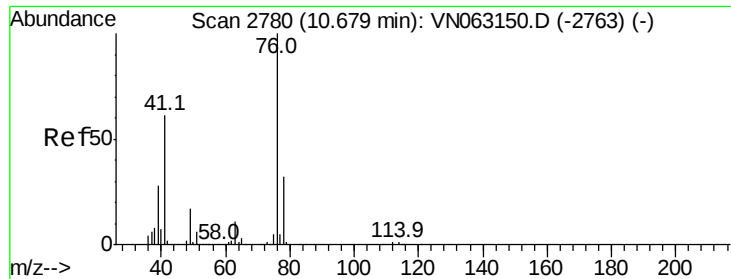


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.869 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

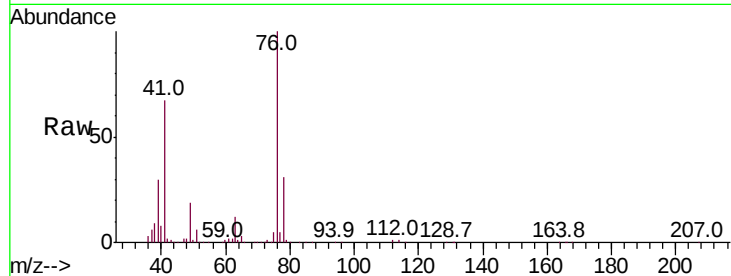
VSTDCCC050EC

Tot Ion: 76 Resp: 497434

Ion Ratio Lower Upper

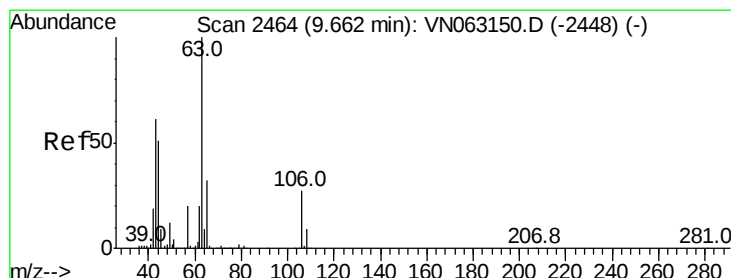
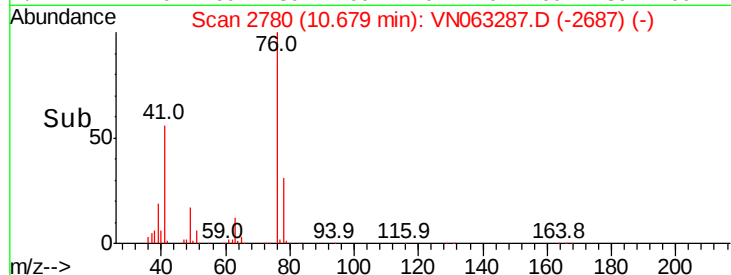
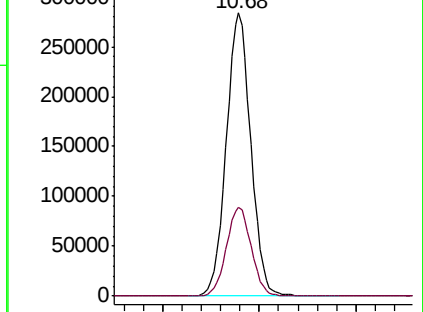
76 100

78 31.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN063150.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN063150.D (-2763) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 260.511 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063287.D

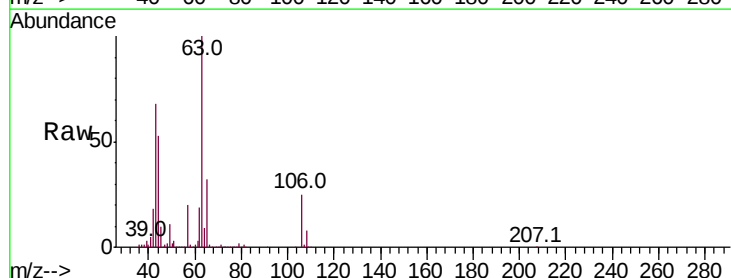
Acq: 9 Sep 2020 17:03

Tgt Ion: 63 Resp: 1084292

Ion Ratio Lower Upper

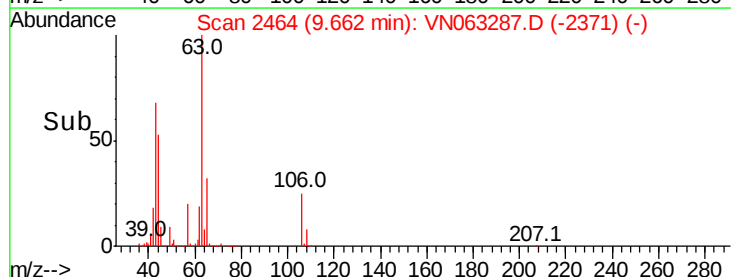
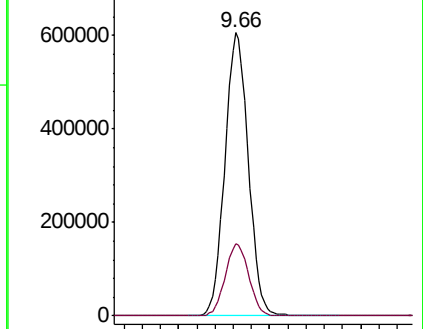
63 100

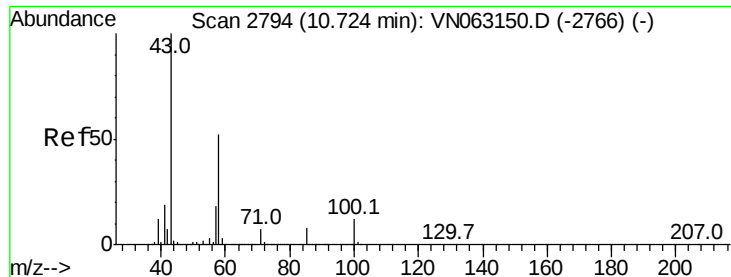
106 25.7 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN063150.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN063150.D (-2448) (-)

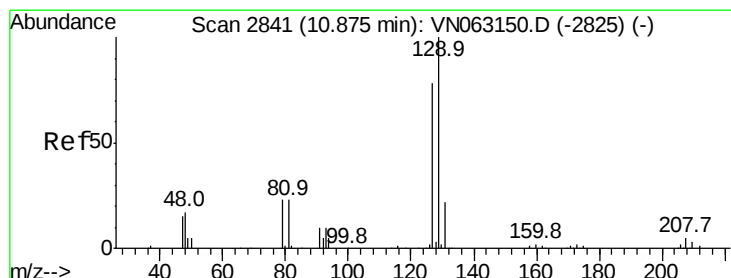
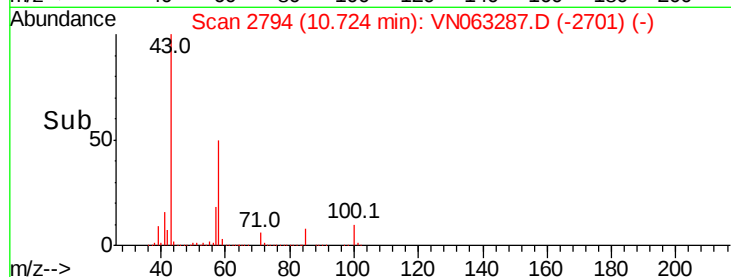
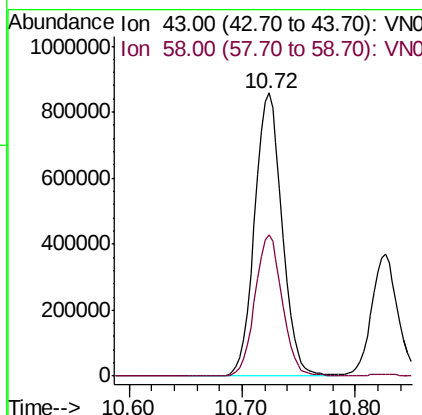
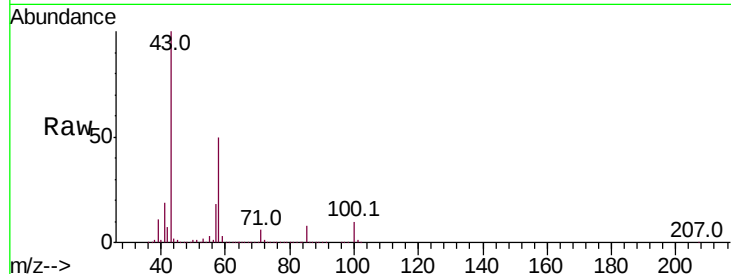




#59
2-Hexanone
Concen: 308.234 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

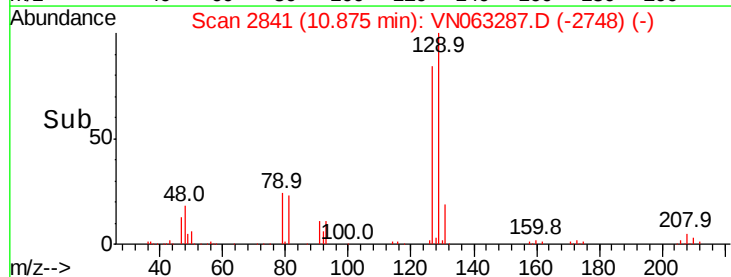
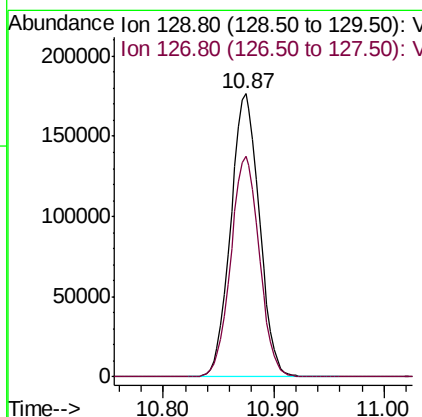
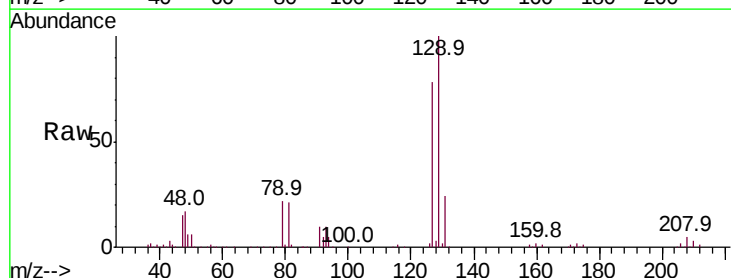
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

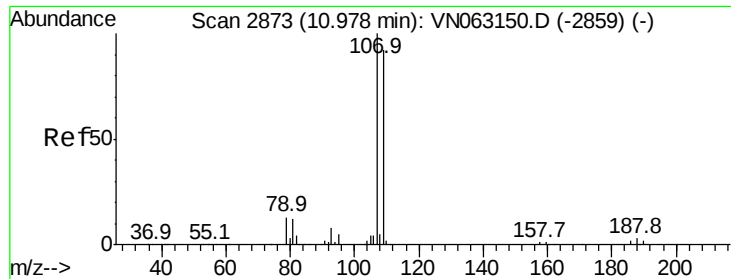
Tot Ion: 43 Resp: 1446260
Ion Ratio Lower Upper
43 100
58 49.5 25.9 77.8



#60
Dibromochloromethane
Concen: 54.656 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 129 Resp: 319137
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 52.335 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

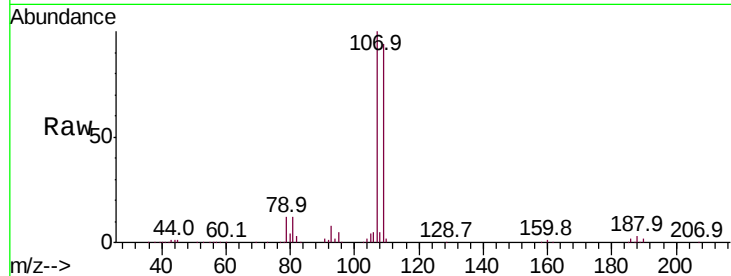
VSTDCCC050EC

Tot Ion:107 Resp: 287337

Ion Ratio Lower Upper

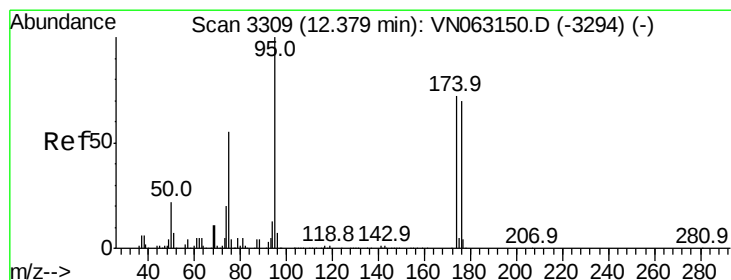
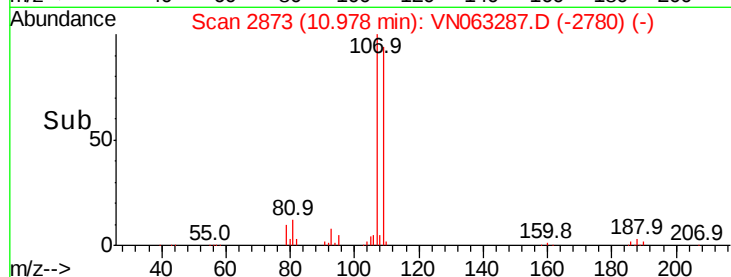
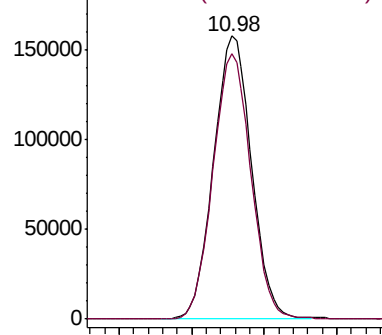
107 100

109 93.6 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.240 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

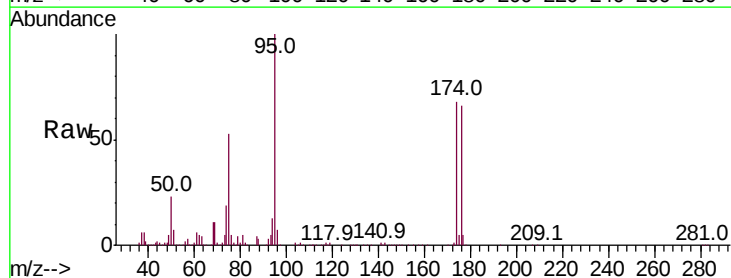
Tgt Ion: 95 Resp: 394232

Ion Ratio Lower Upper

95 100

174 67.9 0.0 143.8

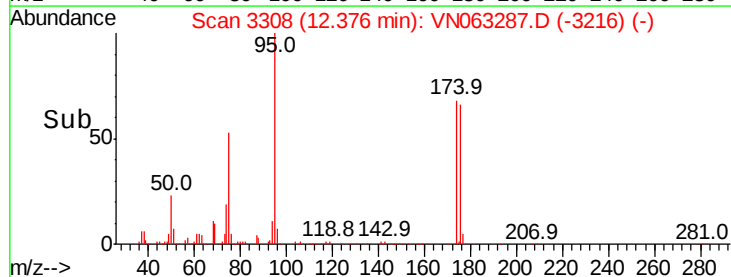
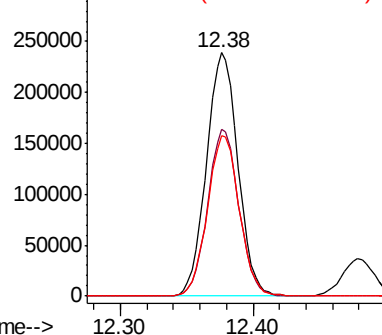
176 66.5 0.0 138.4

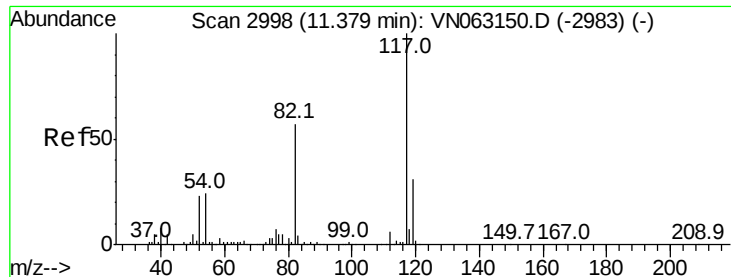


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

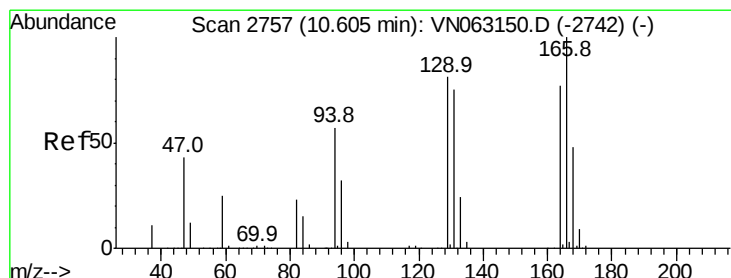
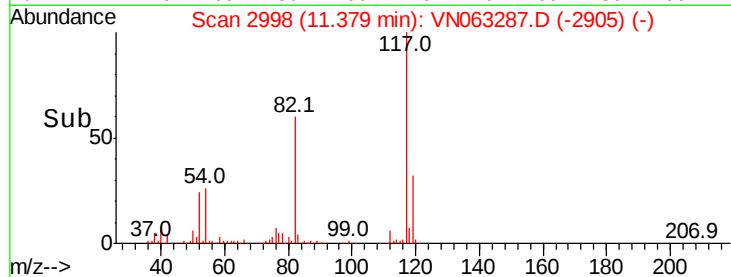
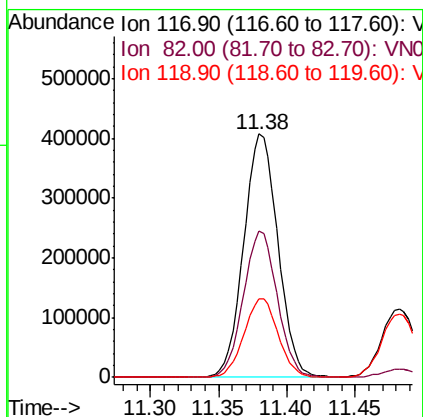
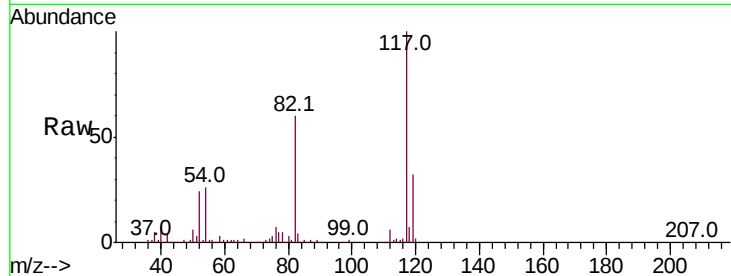




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

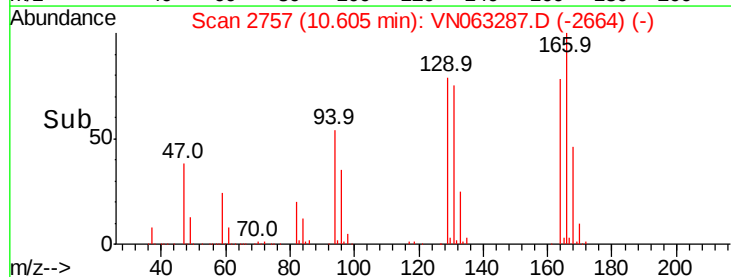
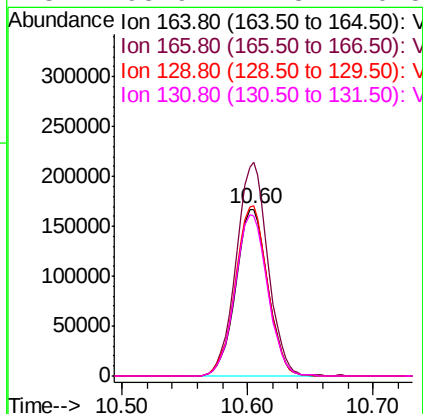
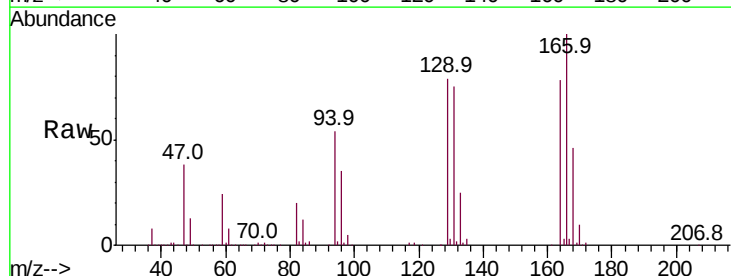
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

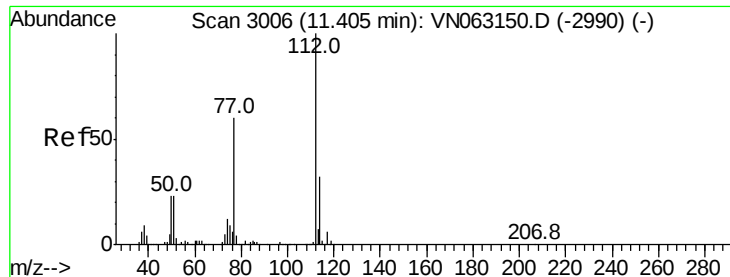
Tot Ion:117 Resp: 709905
Ion Ratio Lower Upper
117 100
82 60.0 45.4 68.0
119 32.4 24.6 37.0



#64
Tetrachloroethene
Concen: 58.086 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion:164 Resp: 296110
Ion Ratio Lower Upper
164 100
166 127.9 103.4 155.2
129 101.6 83.4 125.0
131 95.9 77.8 116.8





#65

Chlorobenzene

Concen: 52.845 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

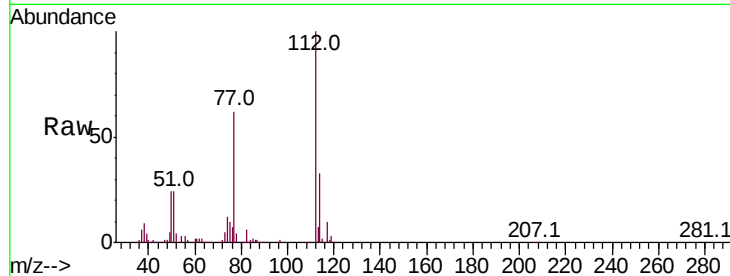
VSTDCCC050EC

Tot Ion:112 Resp: 755587

Ion Ratio Lower Upper

112 100

114 32.7 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

400000

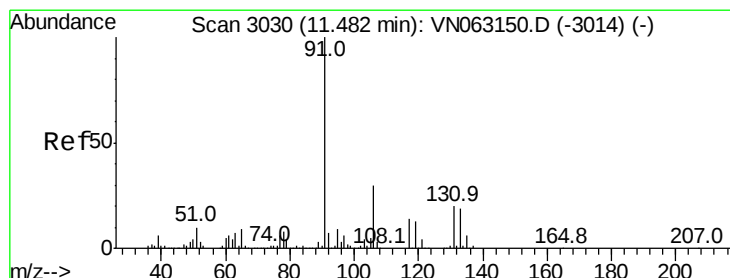
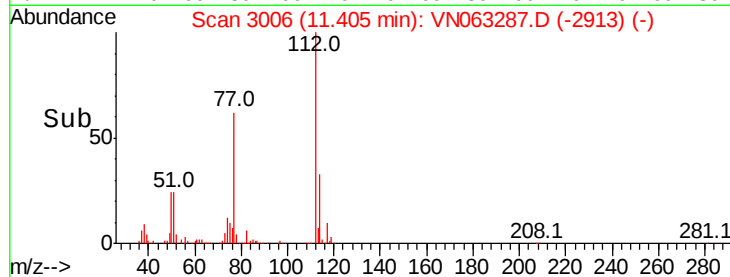
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 53.482 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

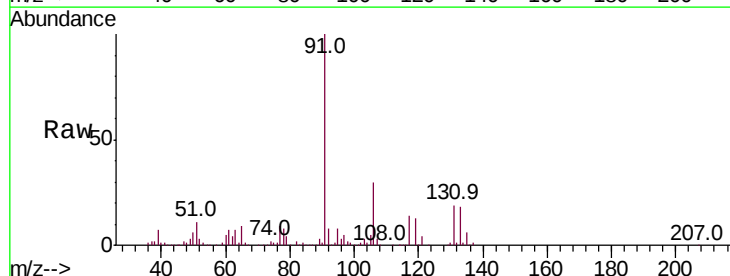
Tgt Ion:131 Resp: 283919

Ion Ratio Lower Upper

131 100

133 94.6 47.3 142.0

119 66.7 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

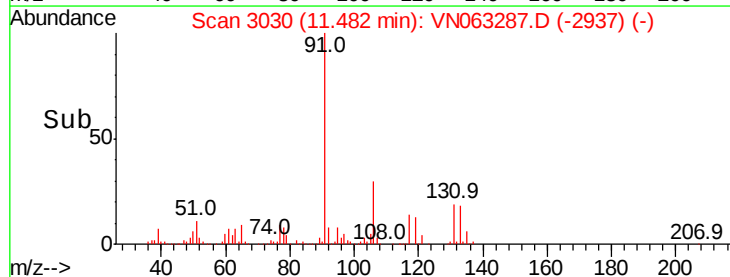
150000

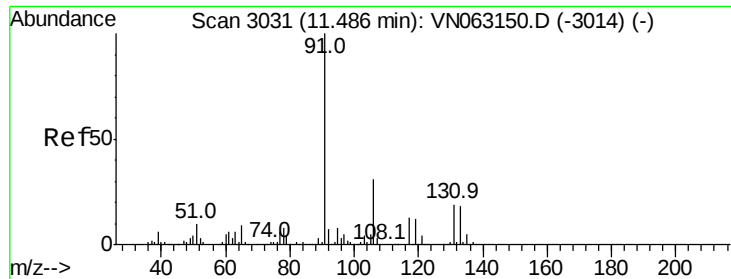
100000

50000

0

Time--> 11.40 11.50

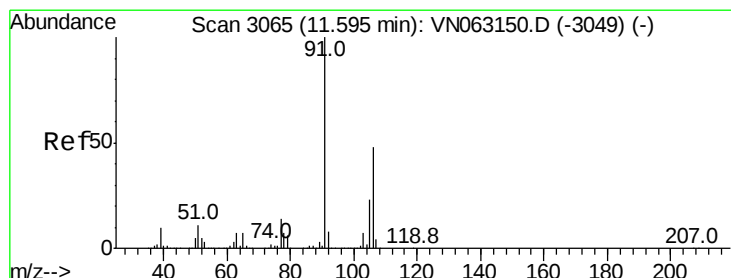
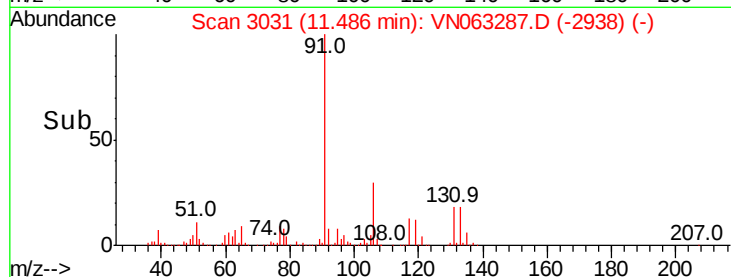
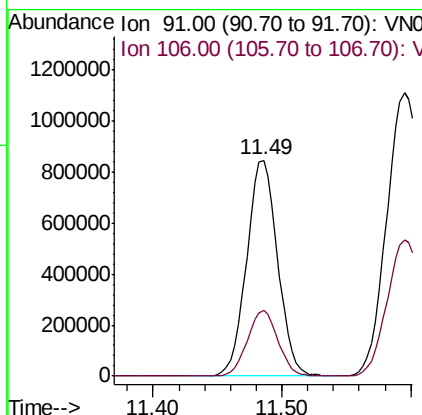
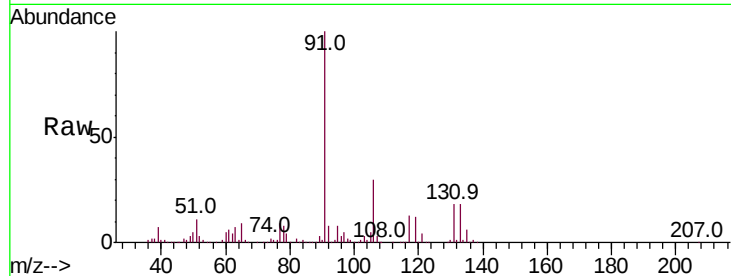




#67
Ethyl Benzene
Concen: 54.347 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

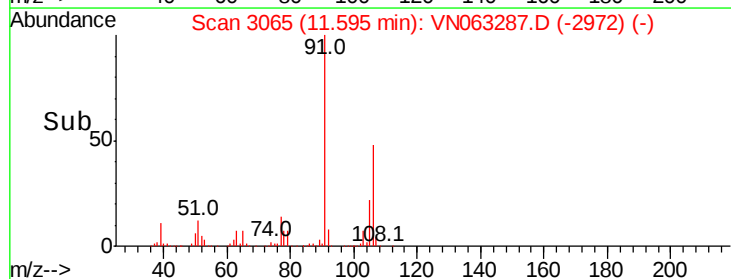
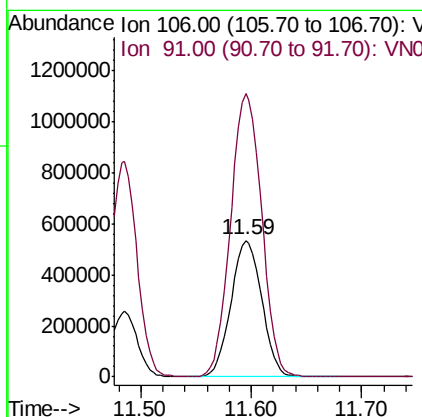
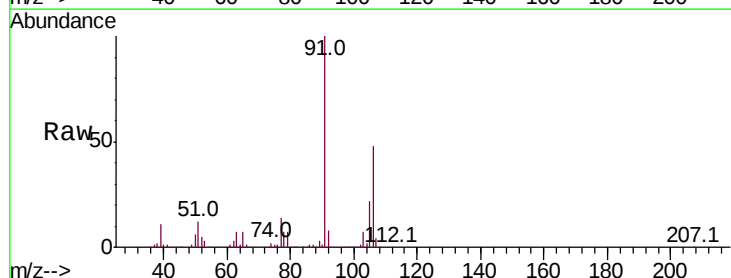
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

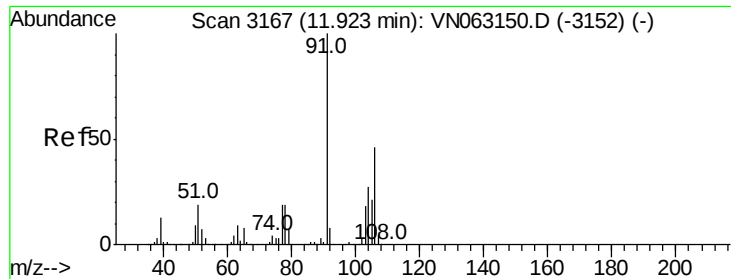
Tot Ion: 91 Resp: 1417609
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6



#68
m/p-Xylenes
Concen: 107.087 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 106 Resp: 1034545
Ion Ratio Lower Upper
106 100
91 210.1 166.7 250.1

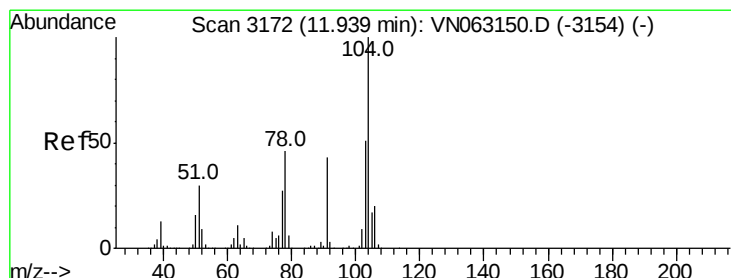
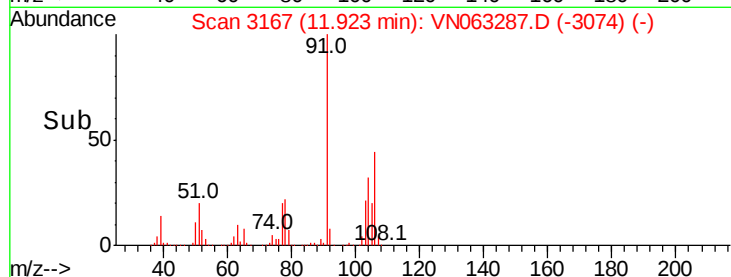
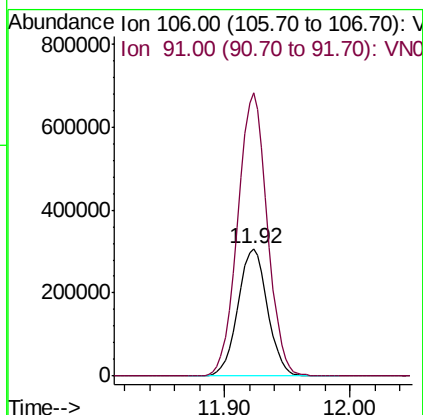
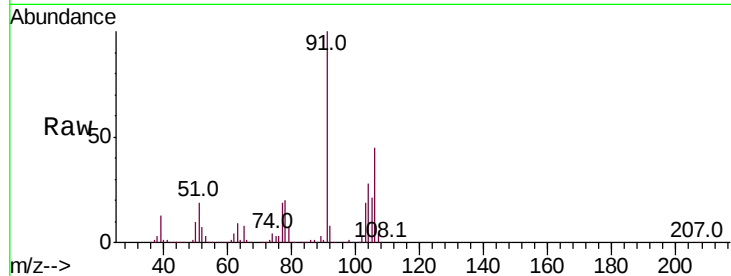




#69
o-Xylene
Concen: 53.869 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

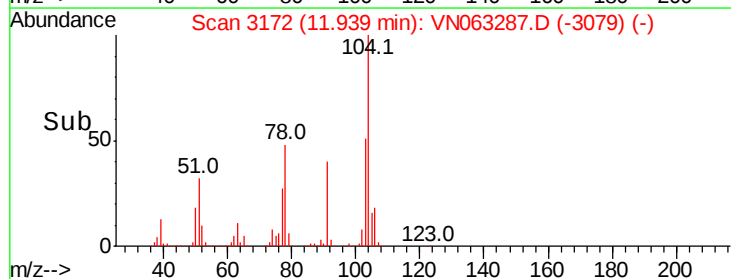
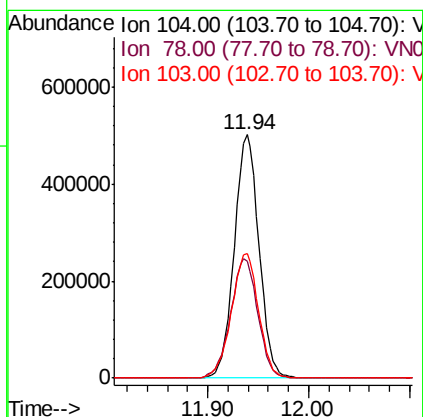
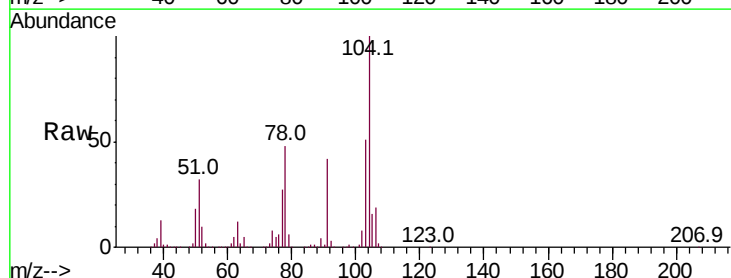
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

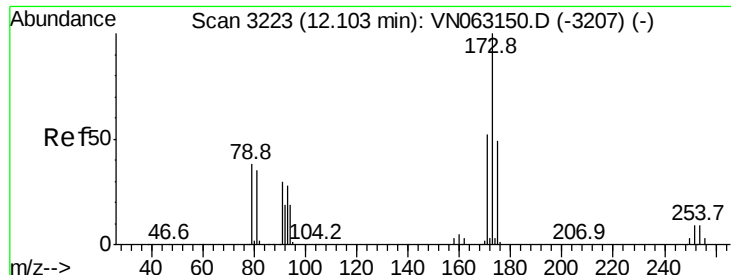
Tot Ion:106 Resp: 502748
Ion Ratio Lower Upper
106 100
91 222.2 108.6 325.6



#70
Styrene
Concen: 53.367 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion:104 Resp: 855959
Ion Ratio Lower Upper
104 100
78 54.2 41.0 61.6
103 56.0 43.8 65.8

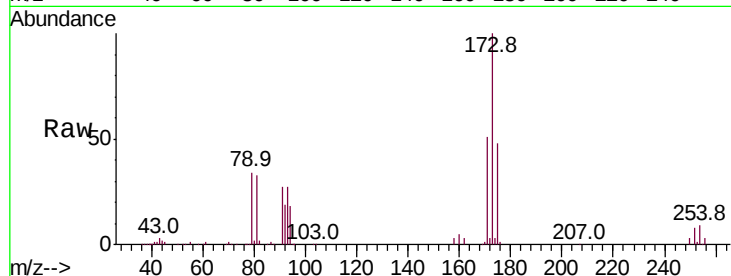




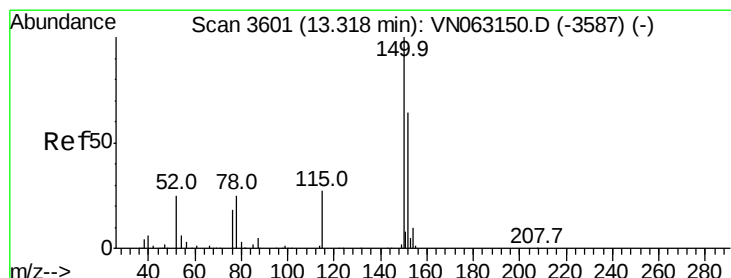
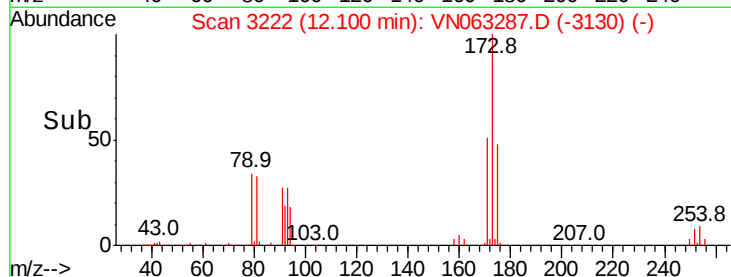
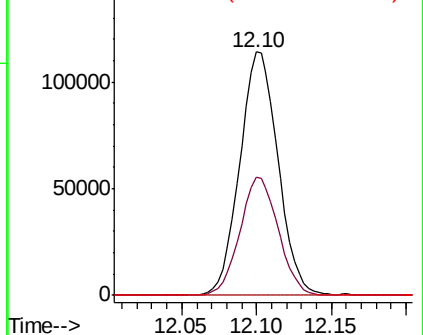
#71
Bromoform
Concen: 56.387 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 203145
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.1 0.0 0.0#

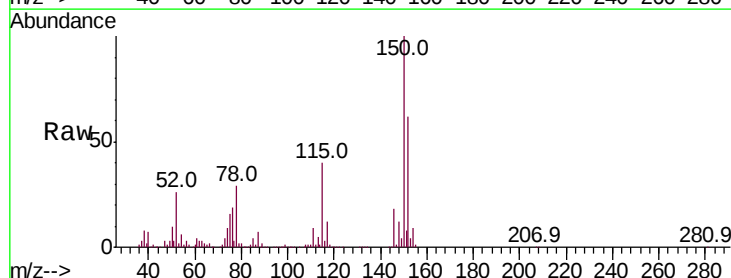


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

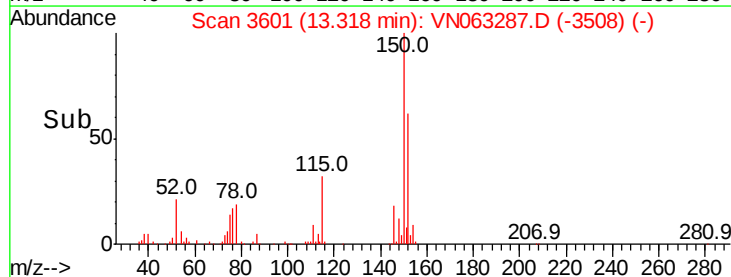
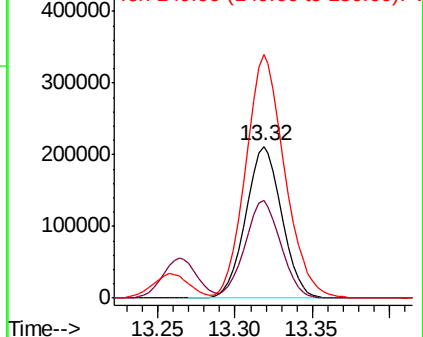


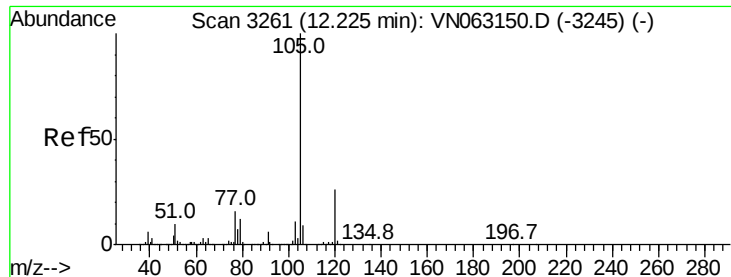
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion:152 Resp: 342229
Ion Ratio Lower Upper
152 100
115 63.9 32.0 96.2
150 173.7 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





#73

Isopropylbenzene

Concen: 51.829 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

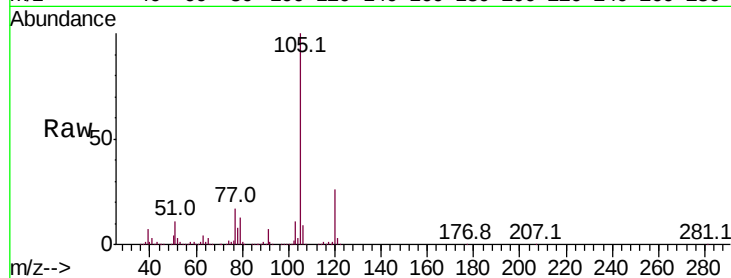
VSTDCCC050EC

Tot Ion:105 Resp: 1360449

Ion Ratio Lower Upper

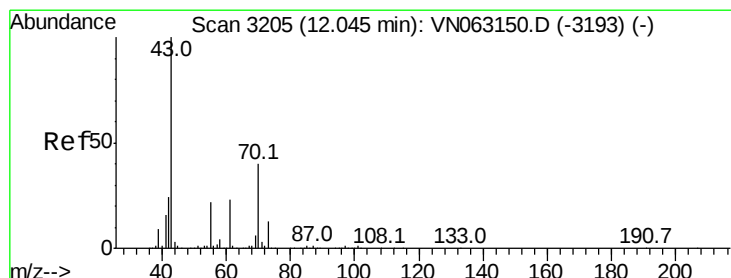
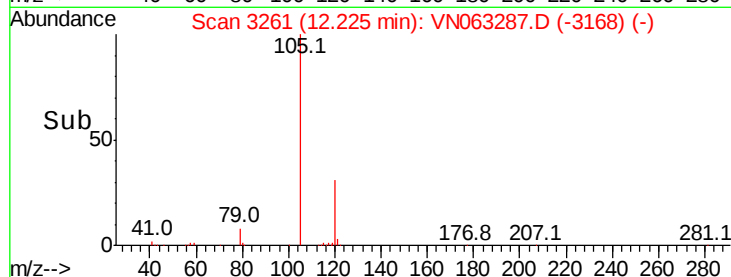
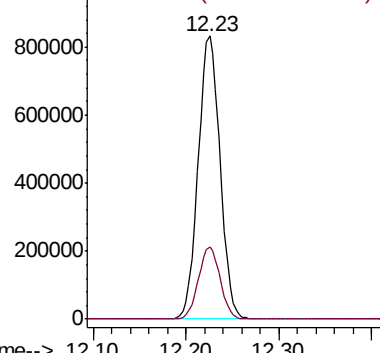
105 100

120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.335 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion: 43 Resp: 612503

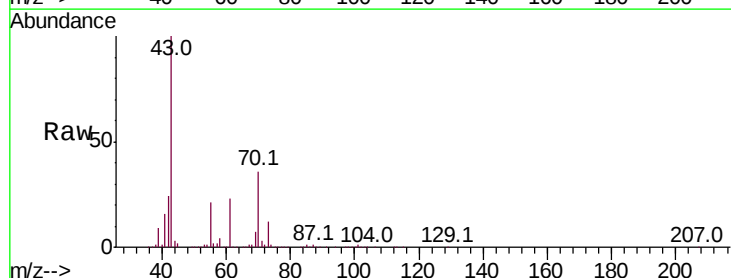
Ion Ratio Lower Upper

43 100

70 36.6 32.1 48.1

55 21.3 17.4 26.0

61 22.6 18.6 27.8

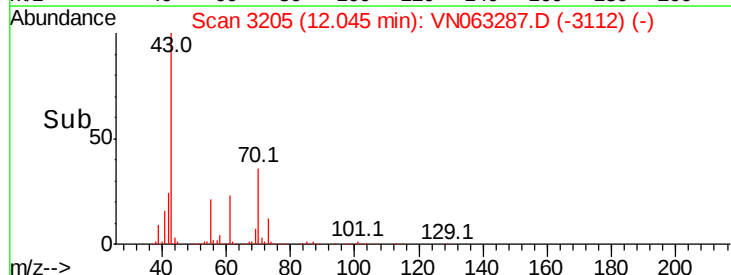
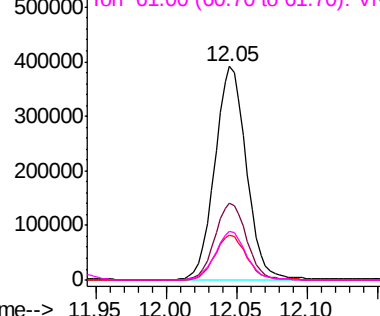


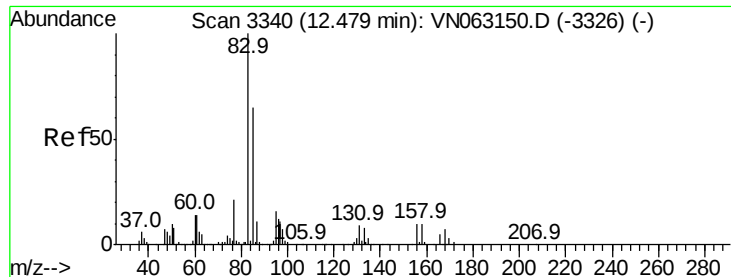
Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.376 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

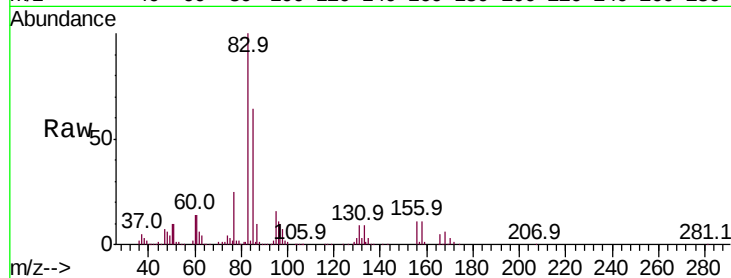
Tot Ion: 83 Resp: 381223

Ion Ratio Lower Upper

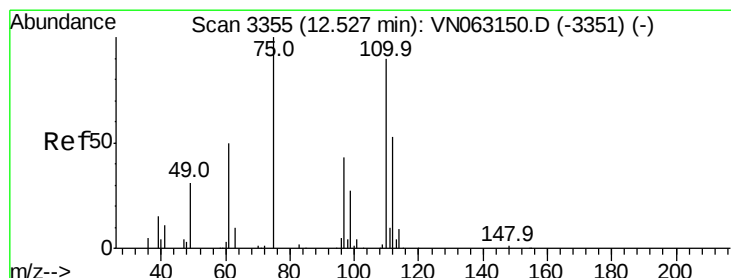
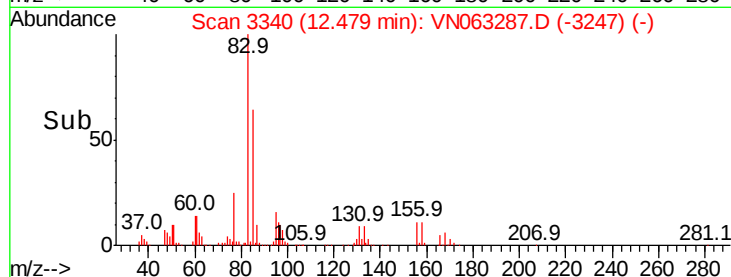
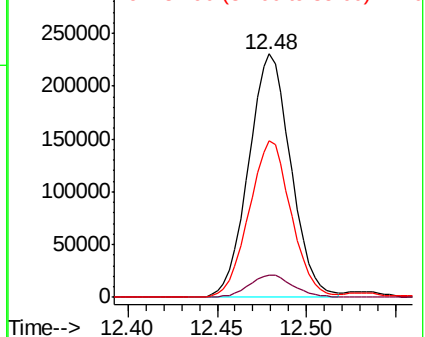
83 100

131 9.5 4.7 14.0

85 64.2 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 81.075 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063287.D

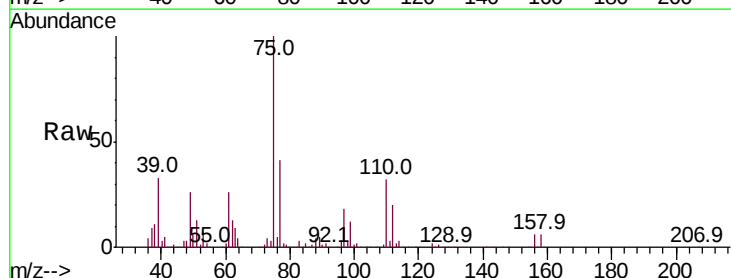
Acq: 9 Sep 2020 17:03

Tgt Ion: 75 Resp: 545152

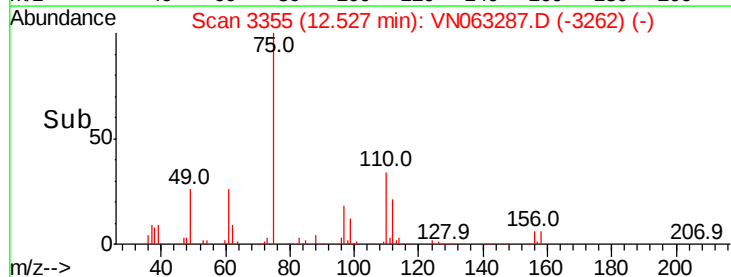
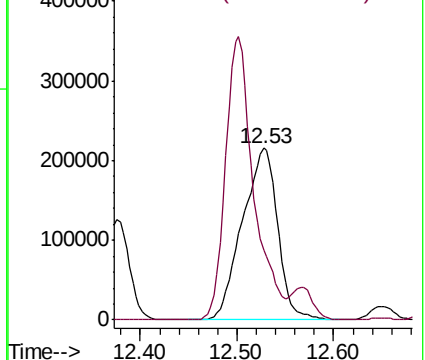
Ion Ratio Lower Upper

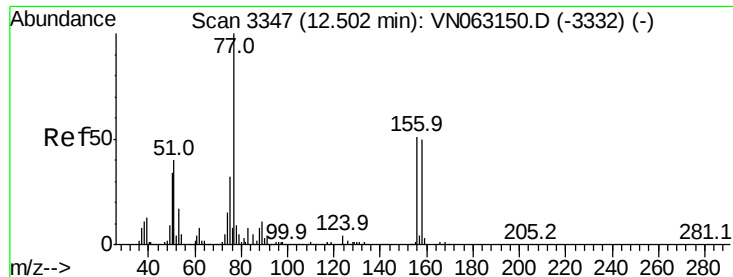
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 52.148 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

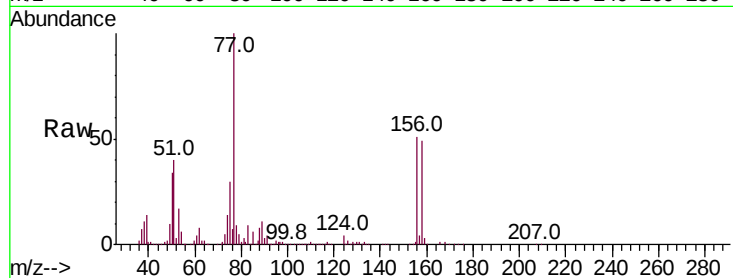
Tot Ion:156 Resp: 309567

Ion Ratio Lower Upper

156 100

77 232.5 116.1 348.3

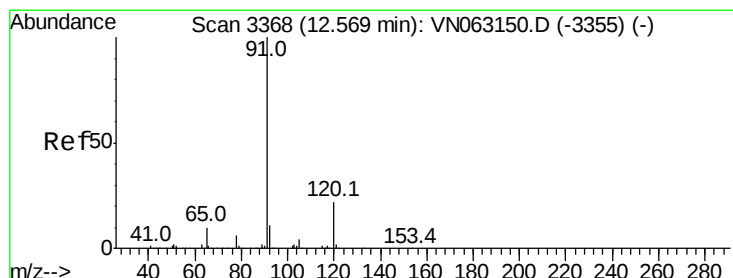
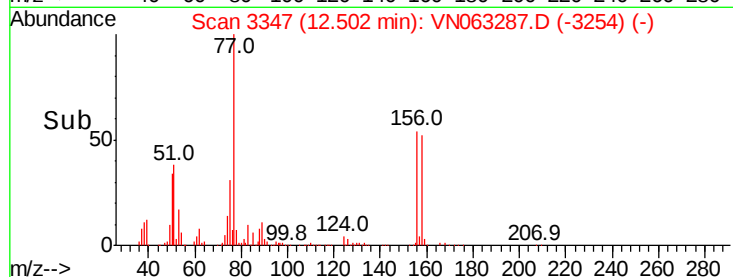
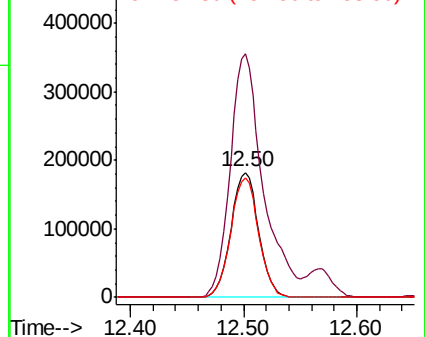
158 96.9 48.8 146.4



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: 52.332 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063287.D

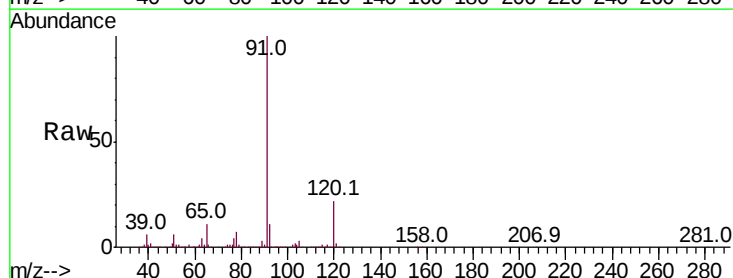
Acq: 9 Sep 2020 17:03

Tgt Ion: 91 Resp: 1589516

Ion Ratio Lower Upper

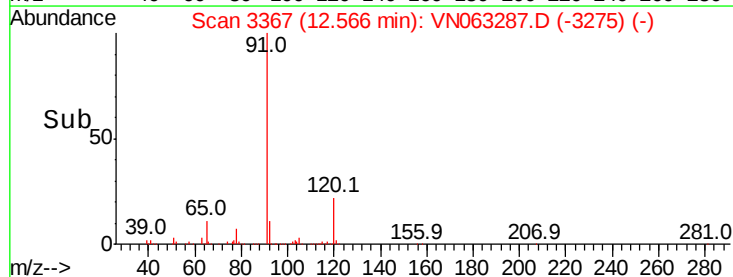
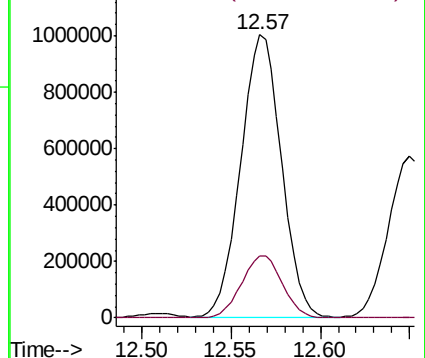
91 100

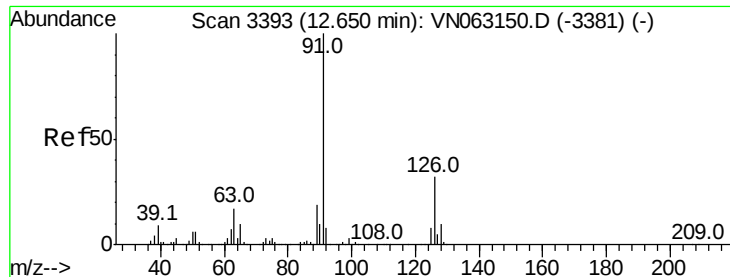
120 22.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

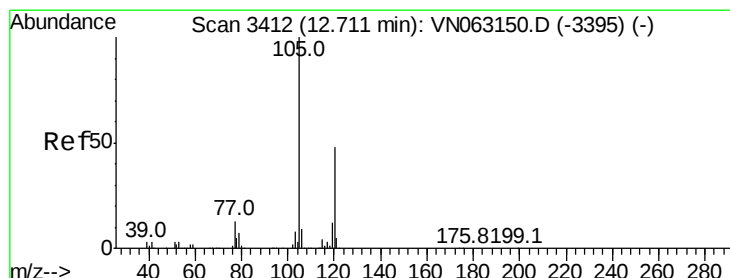
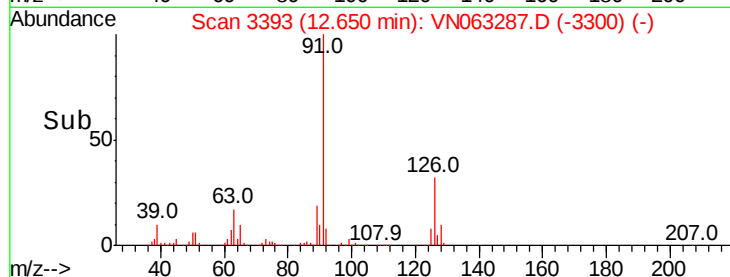
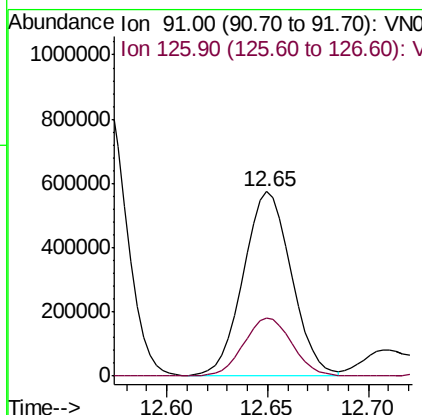
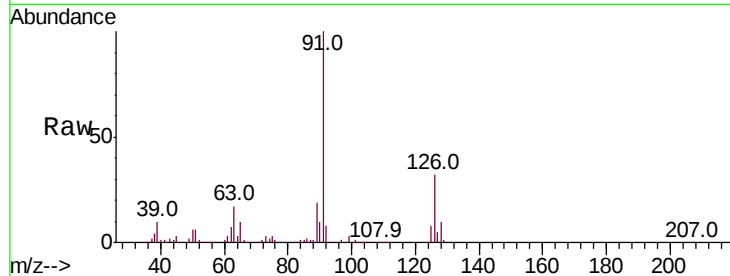




#79
 2-Chlorotoluene
 Concen: 52.347 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

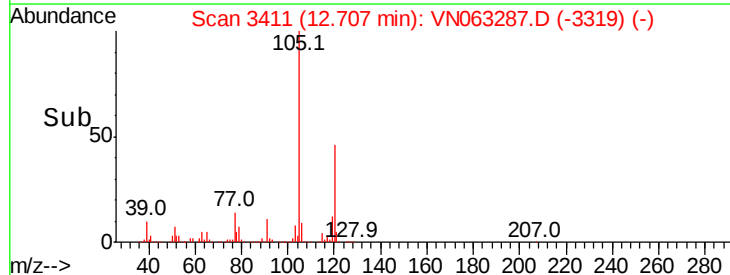
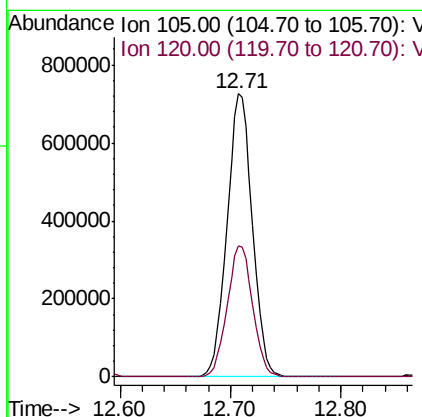
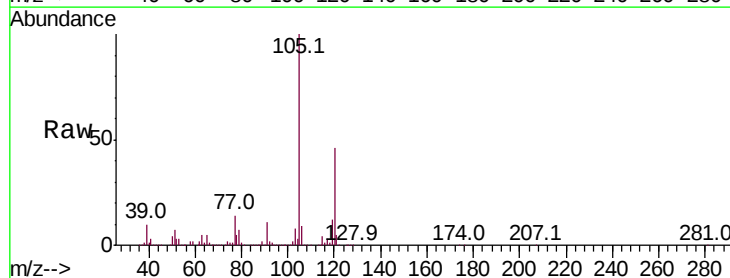
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

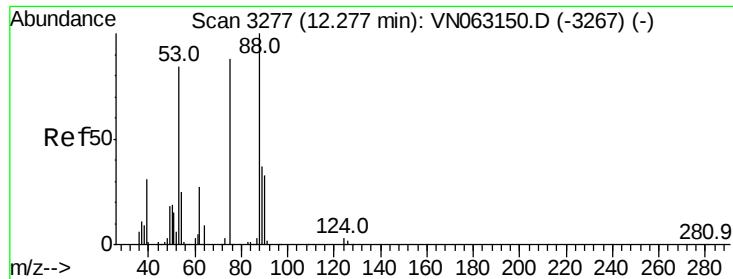
Tot Ion: 91 Resp: 952312
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 52.652 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion:105 Resp: 1150353
 Ion Ratio Lower Upper
 105 100
 120 46.7 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.135 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

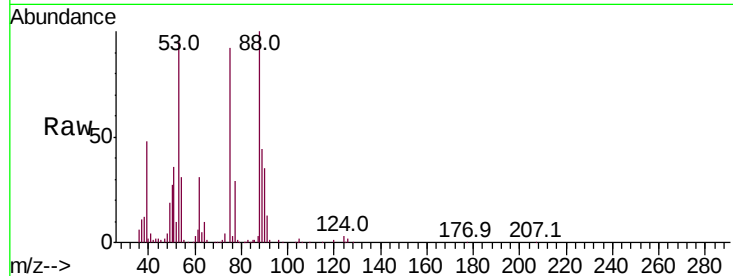
Tot Ion: 75 Resp: 136695

Ion Ratio Lower Upper

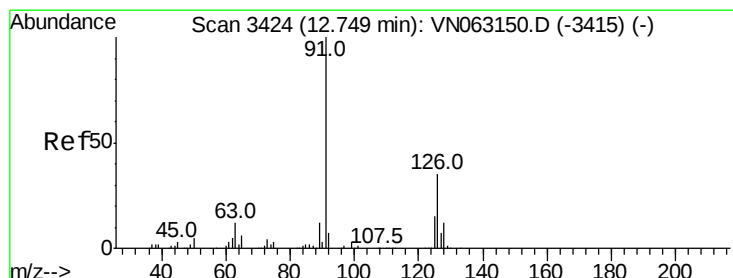
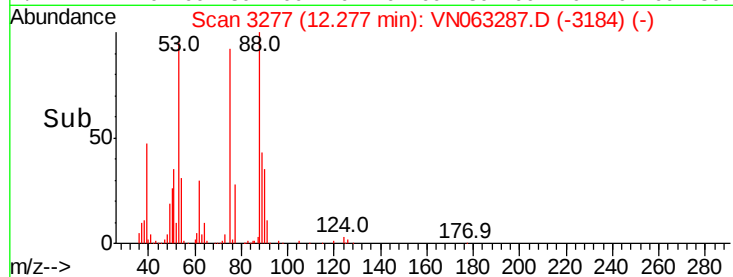
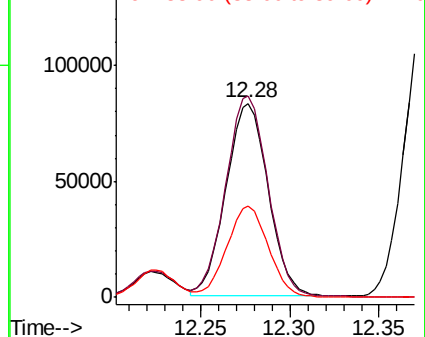
75 100

53 105.3 78.7 118.1

89 46.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 52.486 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063287.D

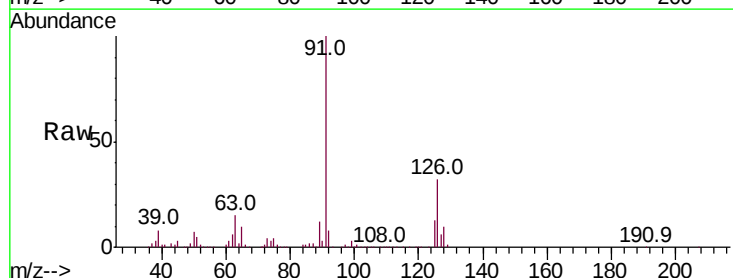
Acq: 9 Sep 2020 17:03

Tgt Ion: 91 Resp: 990287

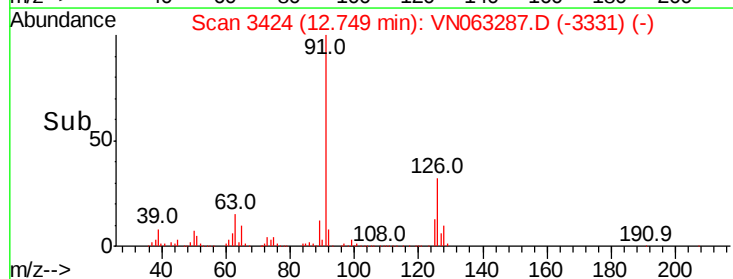
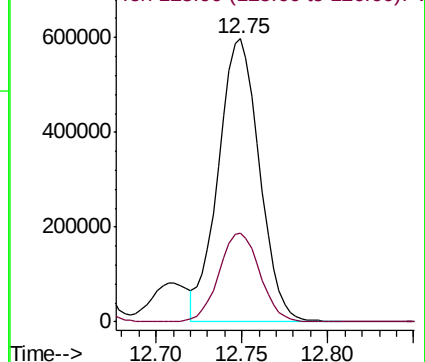
Ion Ratio Lower Upper

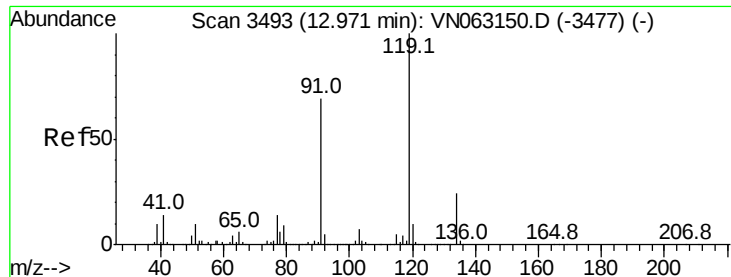
91 100

126 31.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

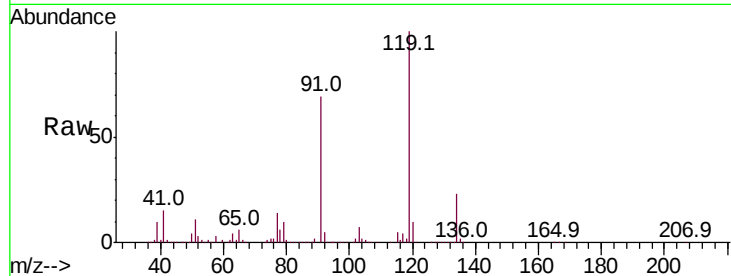




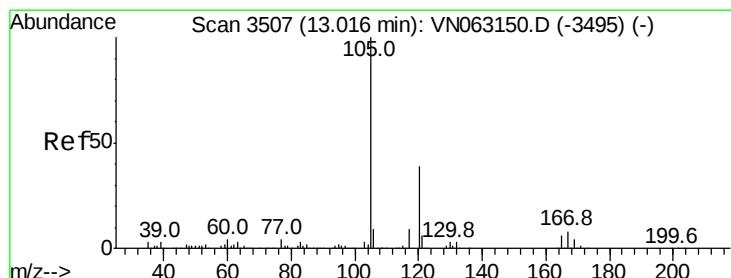
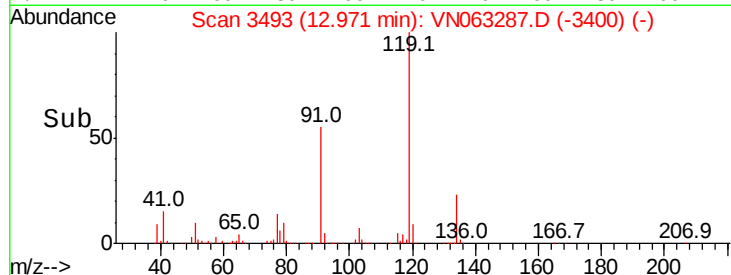
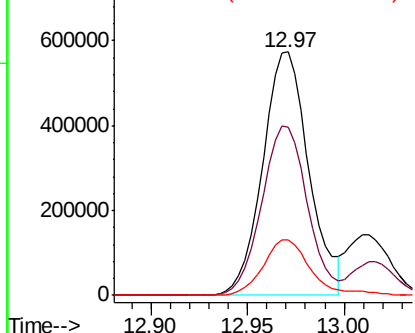
#83
tert-Butylbenzene
Concen: 51.035 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 956283
Ion Ratio Lower Upper
119 100
91 68.6 33.7 101.0
134 23.8 12.0 36.0

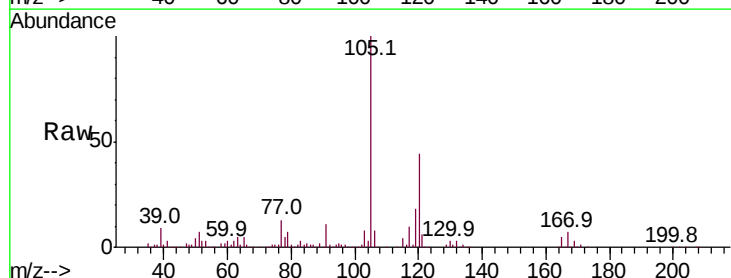


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

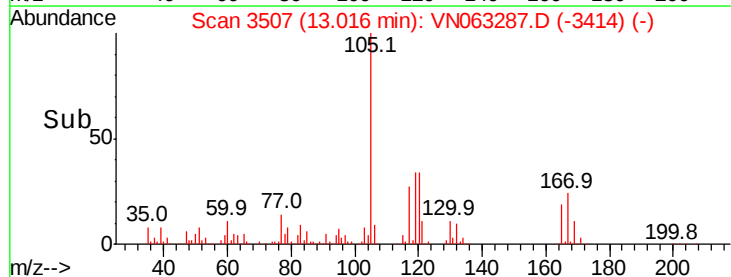
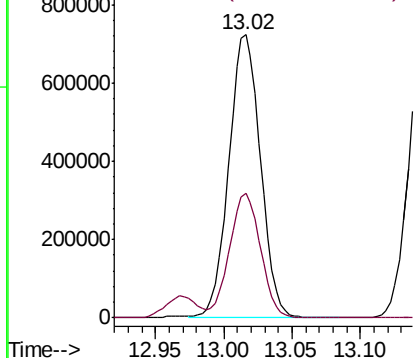


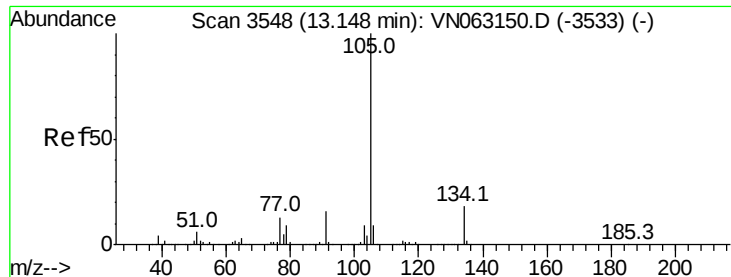
#84
1,2,4-Trimethylbenzene
Concen: 52.614 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion:105 Resp: 1158694
Ion Ratio Lower Upper
105 100
120 43.5 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 51.398 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

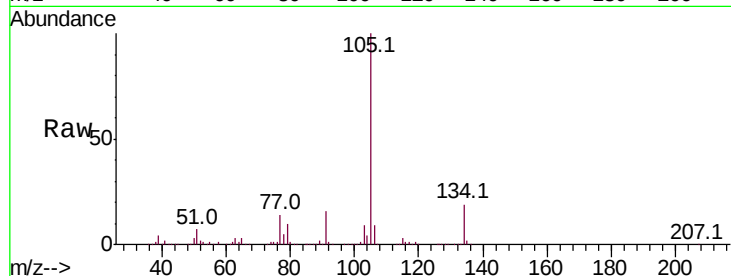
VSTDCCC050EC

Tot Ion:105 Resp: 1255175

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

200000

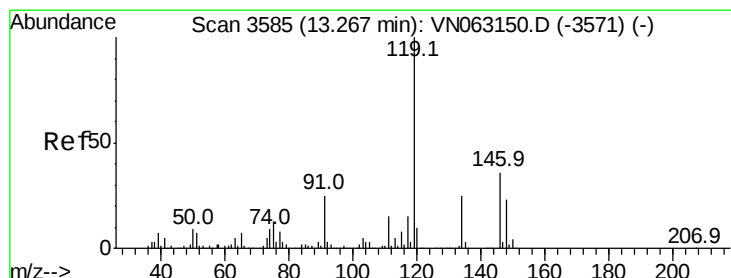
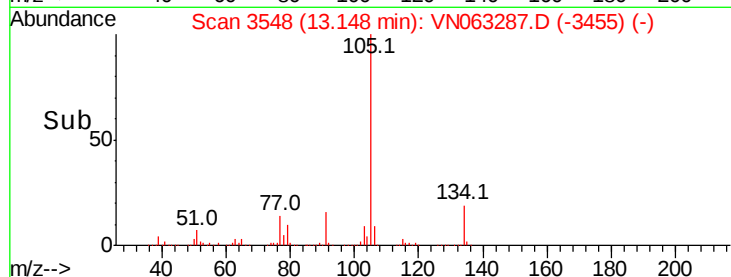
0

13.10

13.15

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 52.229 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

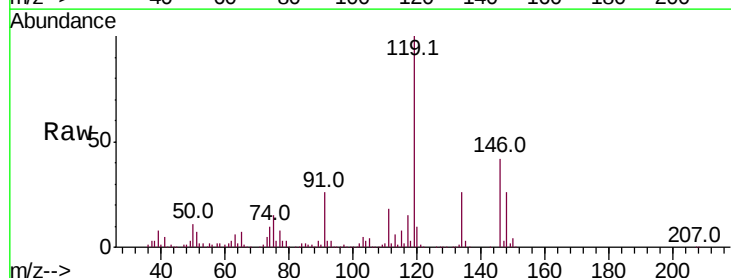
Tgt Ion:119 Resp: 1132373

Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.4

91 25.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

400000

200000

0

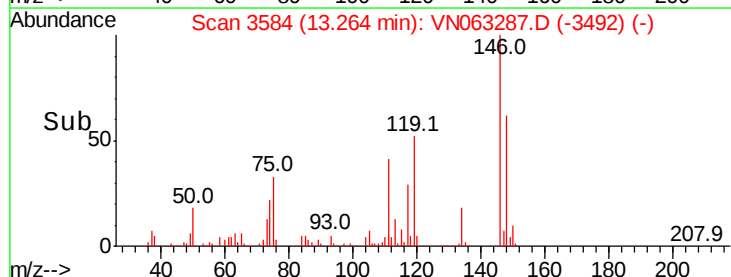
13.20

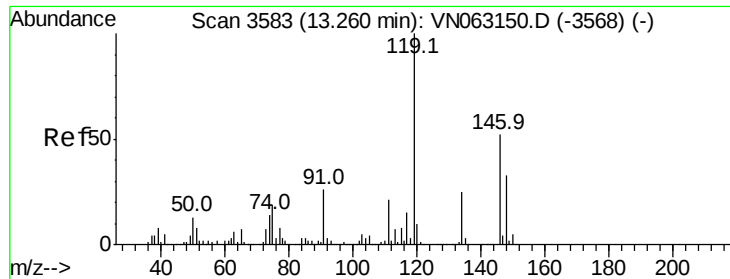
13.25

13.30

13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.832 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

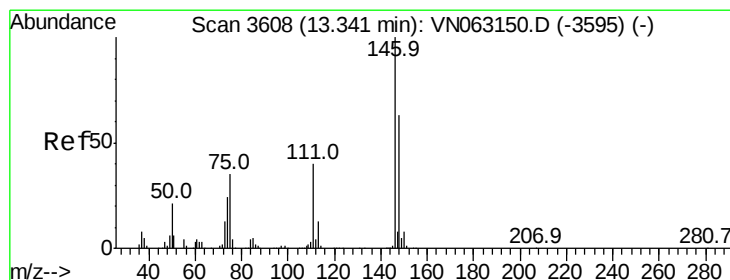
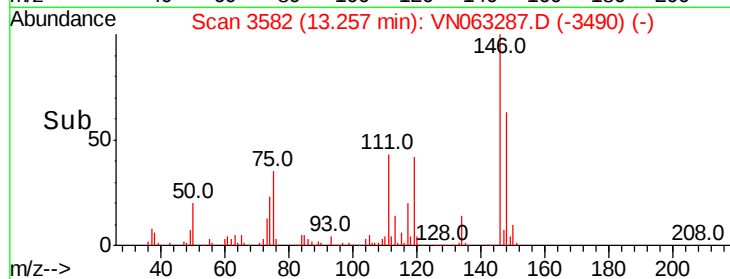
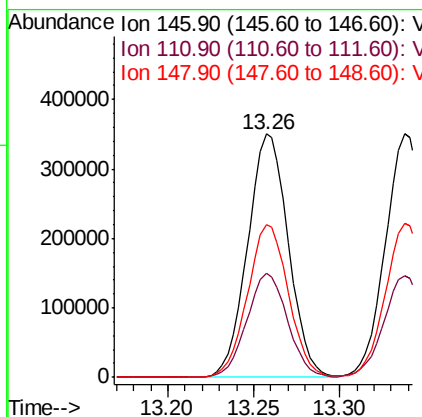
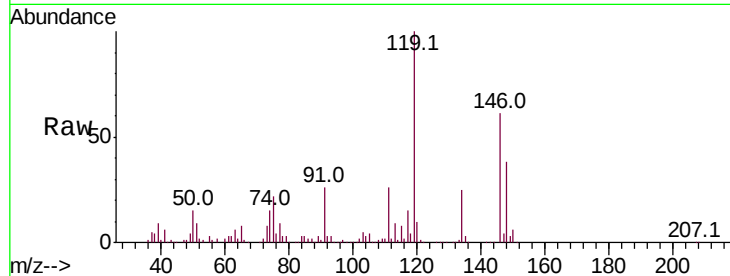
Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 576159

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.7
148	63.0	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 51.124 ug/l

RT: 13.34 min Scan# 3607

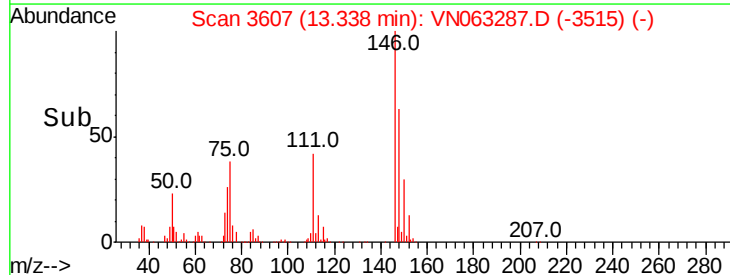
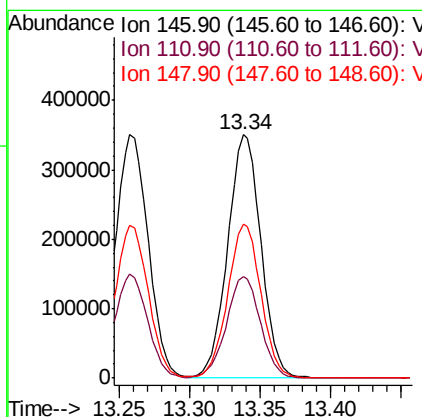
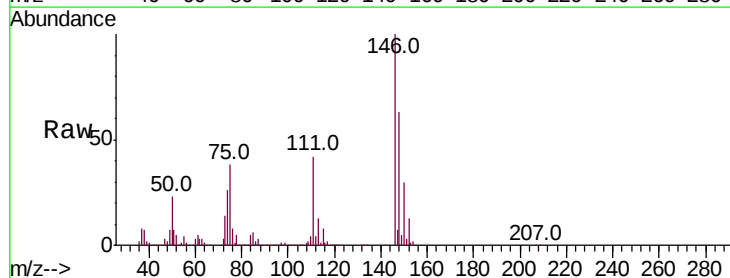
Delta R.T. -0.00 min

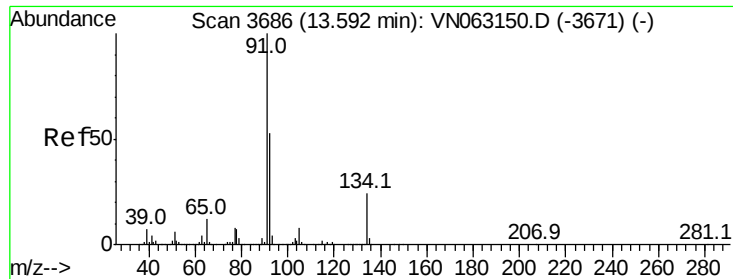
Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Tgt Ion:146 Resp: 577297

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.5	61.5
148	63.1	31.9	95.7

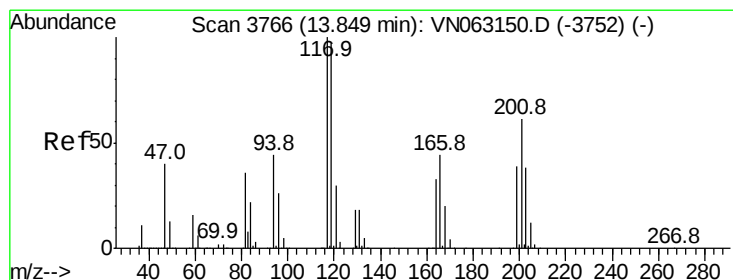
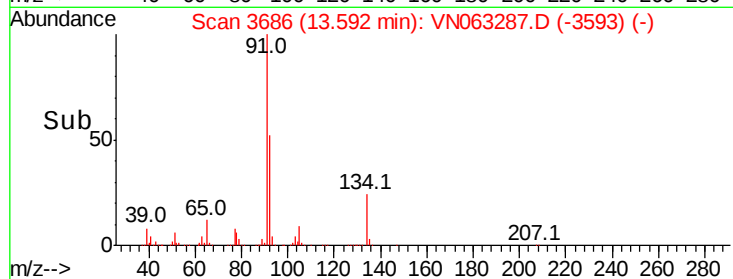
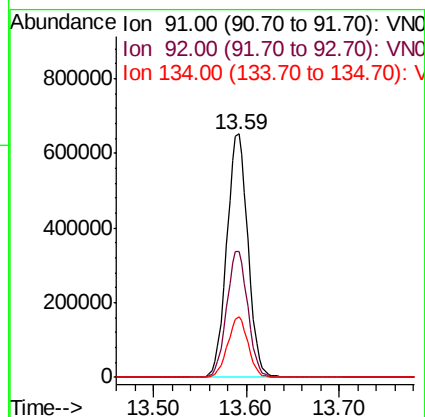
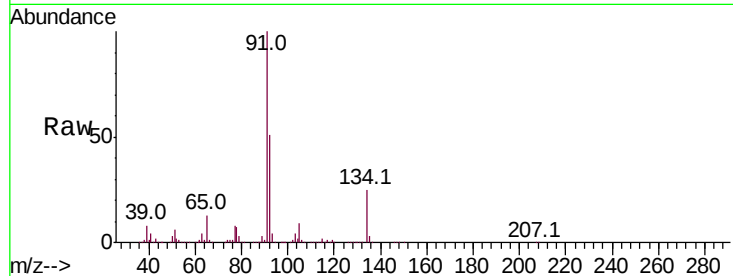




#89
n-Butylbenzene
Concen: 51.377 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

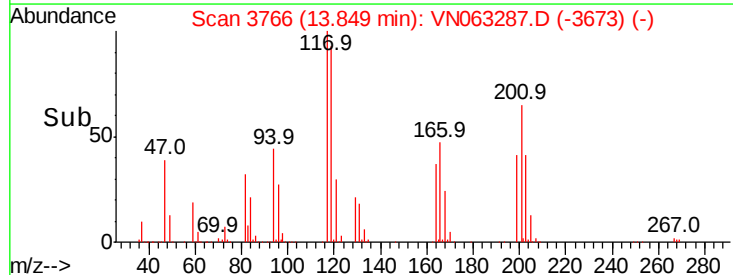
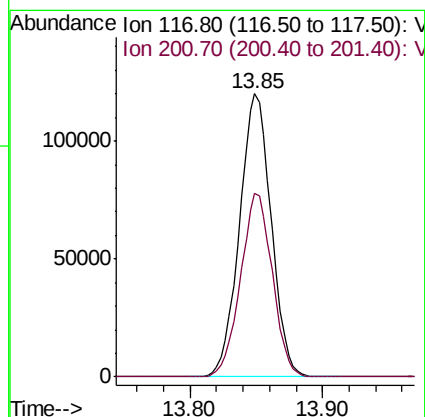
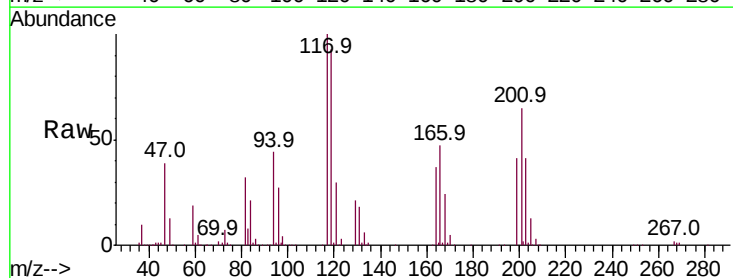
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

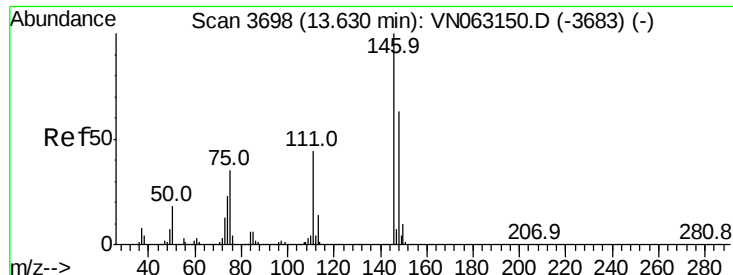
Tot Ion: 91 Resp: 1029058
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.8
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 49.502 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063287.D
Acq: 9 Sep 2020 17:03

Tgt Ion: 117 Resp: 198674
Ion Ratio Lower Upper
117 100
201 65.0 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 53.694 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

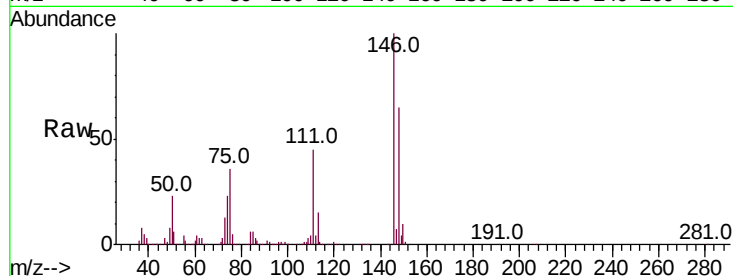
Tot Ion:146 Resp: 568230

Ion Ratio Lower Upper

146 100

111 44.5 22.0 66.0

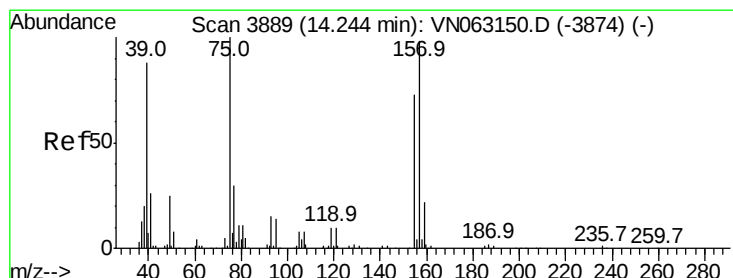
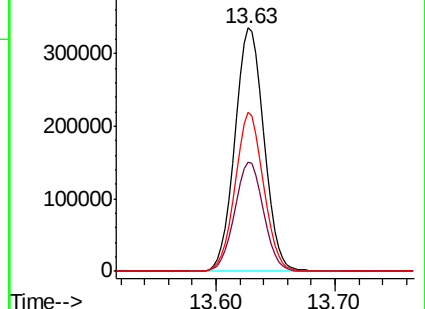
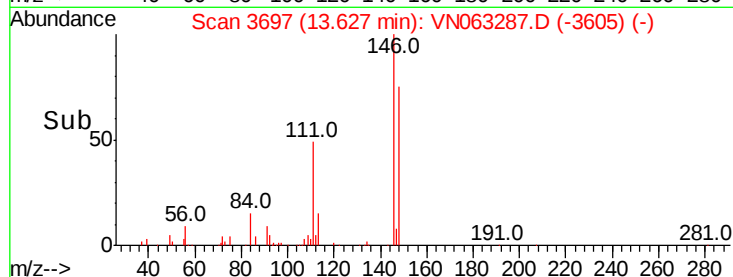
148 64.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.358 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

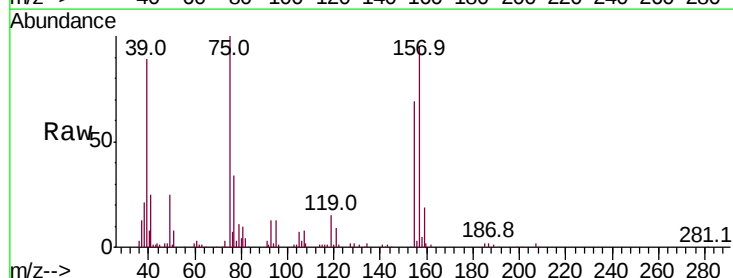
Tgt Ion: 75 Resp: 88774

Ion Ratio Lower Upper

75 100

155 69.6 36.1 108.5

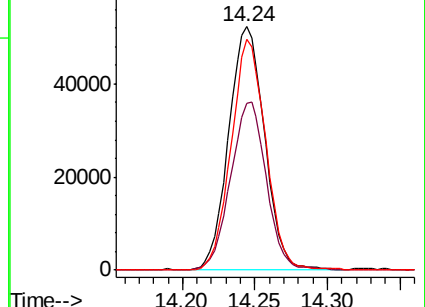
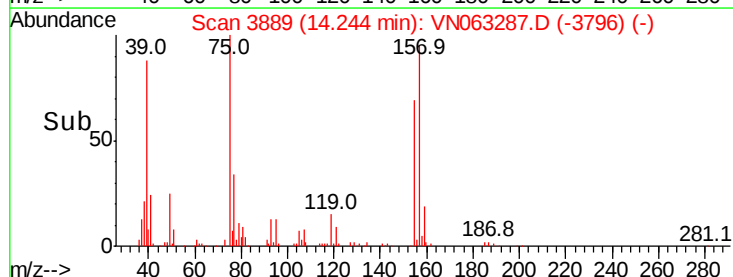
157 92.4 48.4 145.0

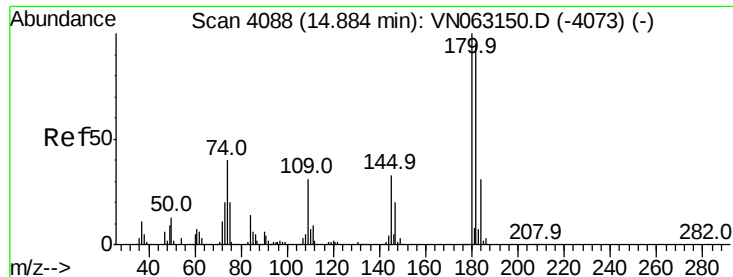


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

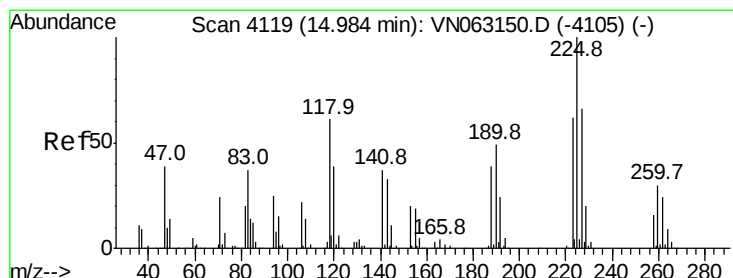
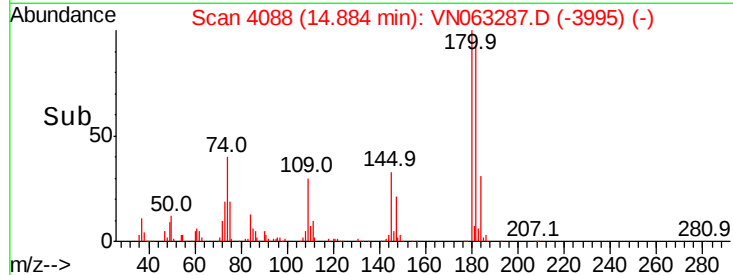
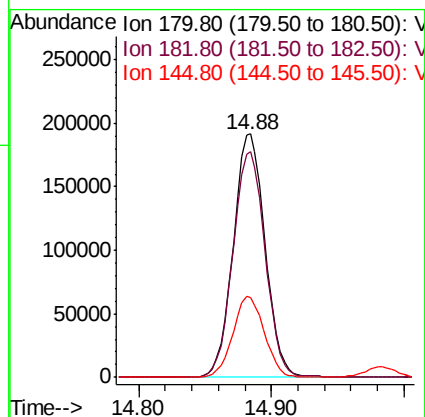
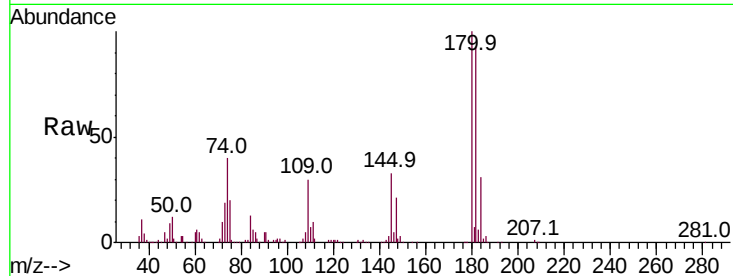




#93
 1,2,4-Trichlorobenzene
 Concen: 53.889 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

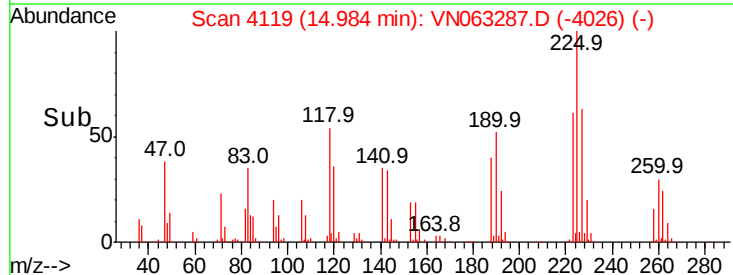
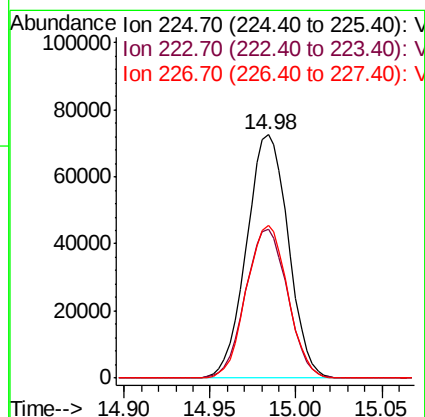
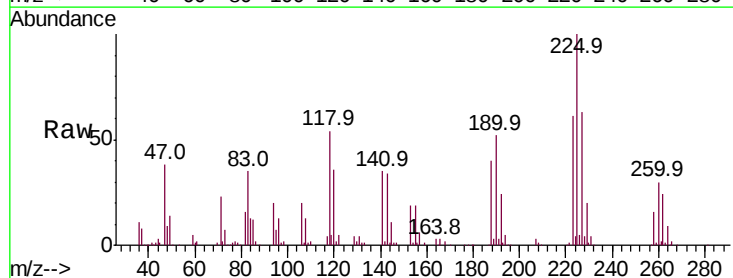
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

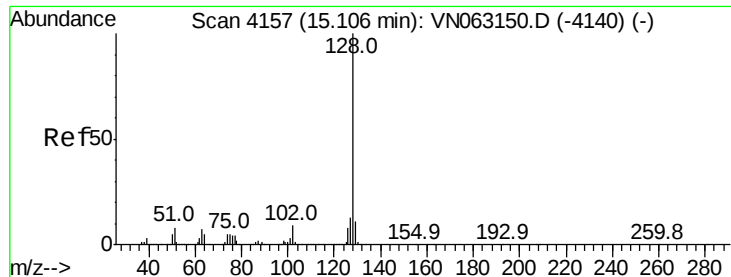
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.5
145	32.9	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 55.352 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063287.D
 Acq: 9 Sep 2020 17:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.9	92.7
227	62.1	32.9	98.7





#95

Naphthalene

Concen: 50.673 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

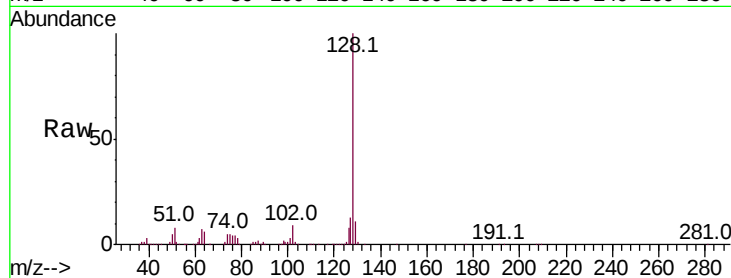
Tot Ion:128 Resp: 999577

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

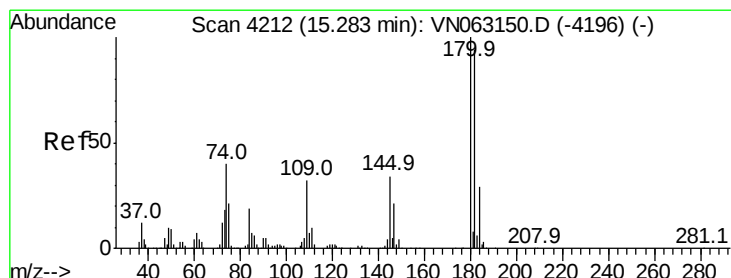
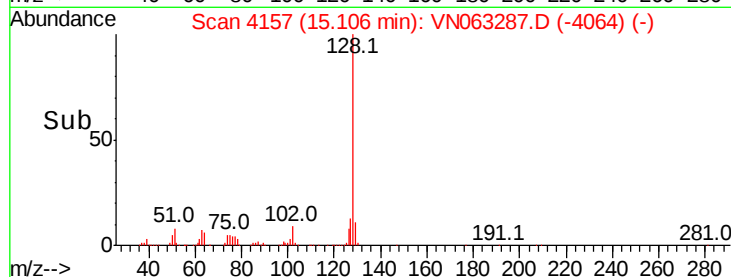
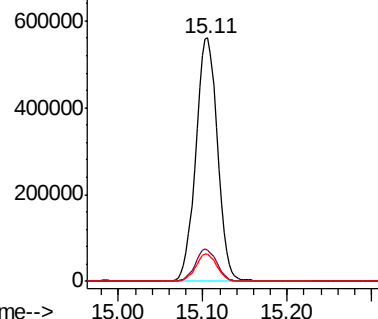
129 11.1 8.6 13.0



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: 52.426 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063287.D

Acq: 9 Sep 2020 17:03

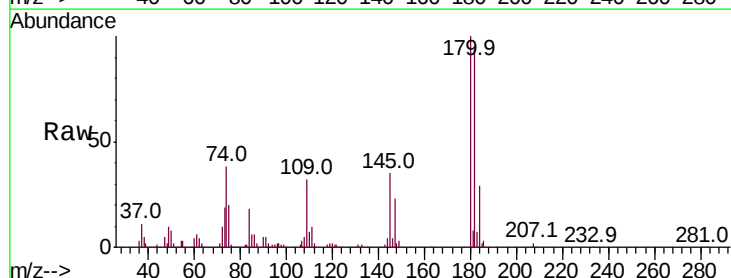
Tgt Ion:180 Resp: 301987

Ion Ratio Lower Upper

180 100

182 93.1 47.5 142.5

145 34.6 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

