

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063291.D
 Acq On : 10 Sep 2020 13:08
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 10 14:29:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	467558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	825113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	723224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	317752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	37126	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	
35) Dibromofluoromethane	7.55	113	26914	5.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.26%	
50) Toluene-d8	10.06	98	103460	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
62) 4-Bromofluorobenzene	12.38	95	37066	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	23731	5.205	ug/l	98
3) Chloromethane	2.04	50	32867	4.953	ug/l	99
4) Vinyl Chloride	2.17	62	31185	4.336	ug/l	93
5) Bromomethane	2.53	94	25539	4.402	ug/l	98
6) Chloroethane	2.68	64	21068	3.832	ug/l	92
7) Trichlorofluoromethane	2.98	101	47890	4.411	ug/l	99
8) Diethyl Ether	3.37	74	17092	4.859	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	25765	5.144	ug/l	99
10) Methyl Iodide	3.91	142	28181	4.153	ug/l	98
11) Tert butyl alcohol	4.73	59	22852	24.665	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	24195	4.776	ug/l #	86
13) Acrolein	3.57	56	5275	15.295	ug/l #	44
14) Allyl chloride	4.27	41	47041	5.152	ug/l	98
15) Acrylonitrile	4.93	53	58006	24.207	ug/l	98
16) Acetone	3.78	43	57579	26.340	ug/l	98
17) Carbon Disulfide	4.01	76	71976	4.764	ug/l	96
18) Methyl Acetate	4.28	43	29373	5.271	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	88523	4.739	ug/l	99
20) Methylene Chloride	4.51	84	30427	4.687	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	27838	5.002	ug/l	95
22) Diisopropyl ether	5.90	45	102790	5.079	ug/l	93
23) Vinyl Acetate	5.84	43	388260	24.112	ug/l	100
24) 1,1-Dichloroethane	5.79	63	54660	4.921	ug/l #	97
25) 2-Butanone	6.78	43	86586	25.768	ug/l	98
26) 2,2-Dichloropropane	6.77	77	47898	4.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	32321	4.778	ug/l	97
28) Bromochloromethane	7.14	49	25688	4.517	ug/l	92
29) Tetrahydrofuran	7.16	42	54156	23.407	ug/l	94
30) Chloroform	7.33	83	53055	4.583	ug/l	100
31) Cyclohexane	7.62	56	61241	5.866	ug/l #	81
32) 1,1,1-Trichloroethane	7.53	97	47549	4.781	ug/l	98
36) 1,1-Dichloropropene	7.75	75	40354	5.084	ug/l	98
37) Ethyl Acetate	6.88	43	39876	5.865	ug/l #	96
38) Carbon Tetrachloride	7.73	117	39497	4.922	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
 Data File : VN063291.D
 Acq On : 10 Sep 2020 13:08
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Sep 10 14:29:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45769	5.159	ug/l	96
40) Benzene	8.00	78	118312	5.107	ug/l	99
41) Methacrylonitrile	7.12	41	13898	4.053	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	43751	5.034	ug/l	98
43) Isopropyl Acetate	8.13	43	65635	5.076	ug/l #	79
44) Trichloroethene	8.80	130	29953	5.252	ug/l	96
45) 1,2-Dichloropropane	9.08	63	31919	5.159	ug/l	99
46) Dibromomethane	9.17	93	20616	5.088	ug/l	98
47) Bromodichloromethane	9.37	83	41492	4.785	ug/l	96
48) Methyl methacrylate	9.17	41	32036	5.472	ug/l	96
49) 1,4-Dioxane	9.17	88	10029	111.350	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	184386	26.218	ug/l	100
52) Toluene	10.12	92	71162	4.951	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	43866	4.644	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	50164	5.005	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	27383	4.962	ug/l	98
56) Ethyl methacrylate	10.40	69	40661	4.832	ug/l	96
57) 1,3-Dichloropropane	10.68	76	48630	4.962	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	111422	25.742	ug/l	99
59) 2-Hexanone	10.72	43	132378	26.680	ug/l	98
60) Dibromochloromethane	10.87	129	28994	4.754	ug/l	99
61) 1,2-Dibromoethane	10.98	107	27410	4.800	ug/l	98
64) Tetrachloroethene	10.60	164	29374	5.536	ug/l	94
65) Chlorobenzene	11.41	112	75961	5.223	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	28502	5.309	ug/l	97
67) Ethyl Benzene	11.49	91	135601	5.115	ug/l	99
68) m/p-Xylenes	11.59	106	103102	10.536	ug/l	92
69) o-Xylene	11.92	106	47007	4.971	ug/l	96
70) Styrene	11.94	104	76007	4.692	ug/l	99
71) Bromoform	12.10	173	17083	4.660	ug/l #	96
73) Isopropylbenzene	12.23	105	130360	5.394	ug/l	96
74) N-amyl acetate	12.05	43	47547	4.708	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	34806	5.012	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	50281	7.399	ug/l #	100
77) Bromobenzene	12.50	156	28189	5.132	ug/l	99
78) n-propylbenzene	12.57	91	143854	5.145	ug/l	99
79) 2-Chlorotoluene	12.65	91	88805	5.288	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	103000	5.098	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	11993	4.693	ug/l	97
82) 4-Chlorotoluene	12.75	91	89583	5.149	ug/l	98
83) tert-Butylbenzene	12.97	119	88456	5.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	103420	5.079	ug/l	96
85) sec-Butylbenzene	13.15	105	113977	5.095	ug/l	99
86) p-Isopropyltoluene	13.26	119	101099	5.078	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	50376	5.005	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	51973	5.006	ug/l	89
89) n-Butylbenzene	13.59	91	88773	4.820	ug/l	99
90) Hexachloroethane	13.85	117	14890	4.057	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	52675	5.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7100	4.566	ug/l	96

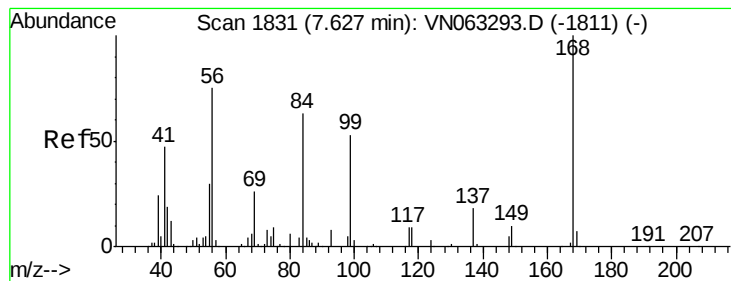
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091020\
Data File : VN063291.D
Acq On : 10 Sep 2020 13:08
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 10 14:29:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 10 14:25:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	28313	5.128	ug/l	97
94) Hexachlorobutadiene	14.98	225	11375	5.451	ug/l	96
95) Naphthalene	15.11	128	83677	4.631	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	27361	5.087	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

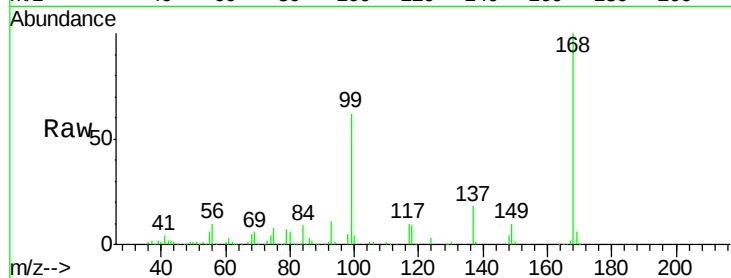
VSTDIC005

Tgt Ion:168 Resp: 467558

Ion Ratio Lower Upper

168 100

99 62.0 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

200000

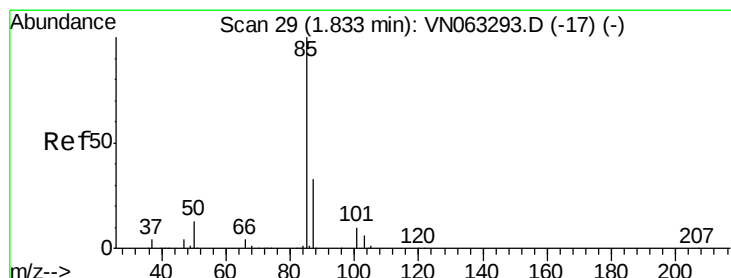
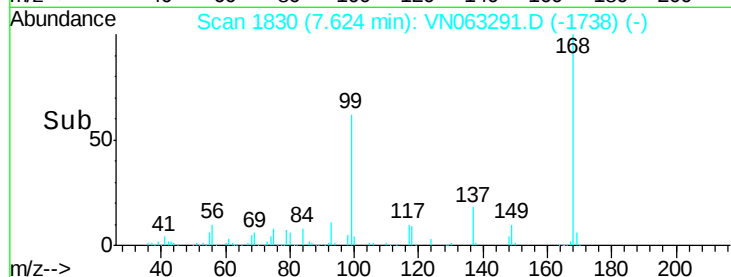
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.205 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063291.D

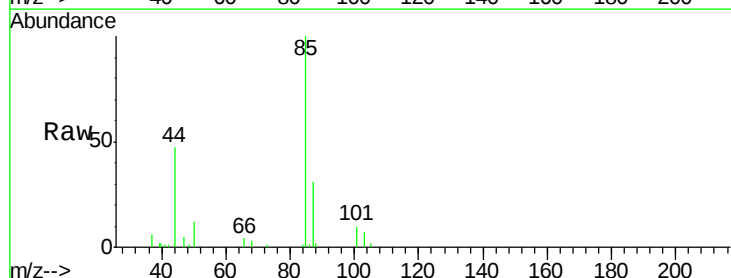
Acq: 10 Sep 2020 13:08

Tgt Ion: 85 Resp: 23731

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

20000

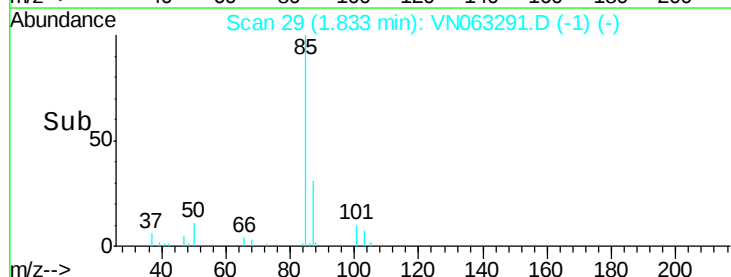
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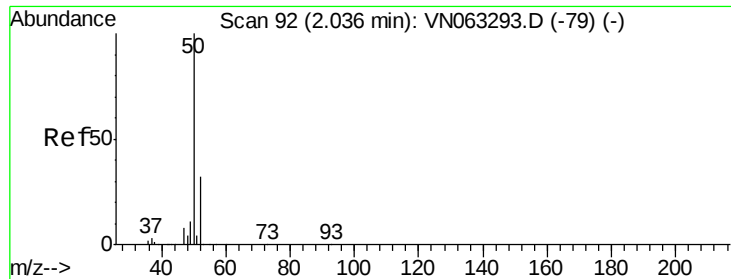
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.953 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

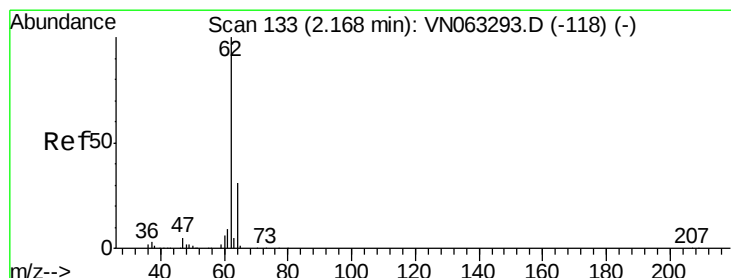
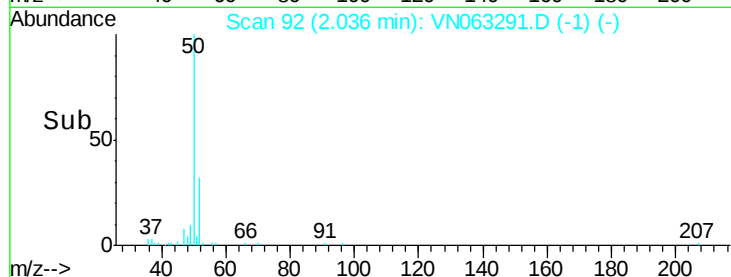
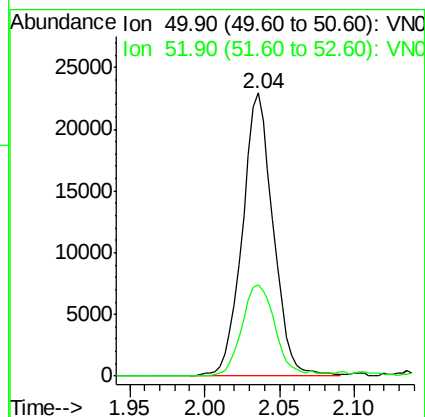
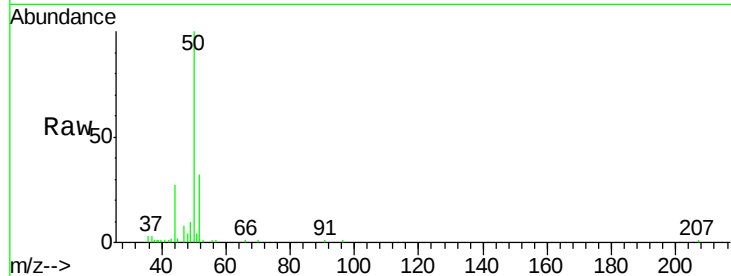
VSTDIC005

Tgt Ion: 50 Resp: 32867

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 4.336 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063291.D

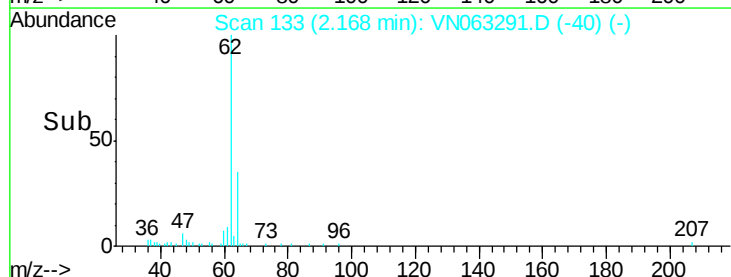
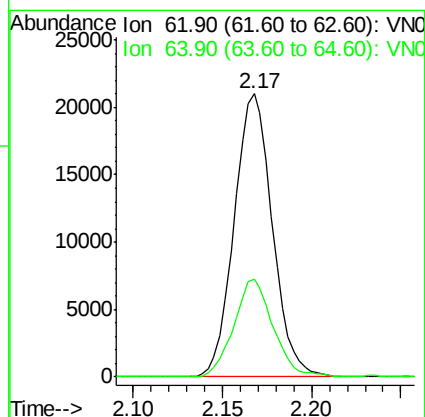
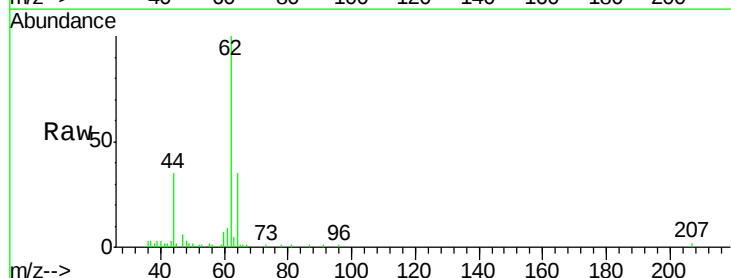
Acq: 10 Sep 2020 13:08

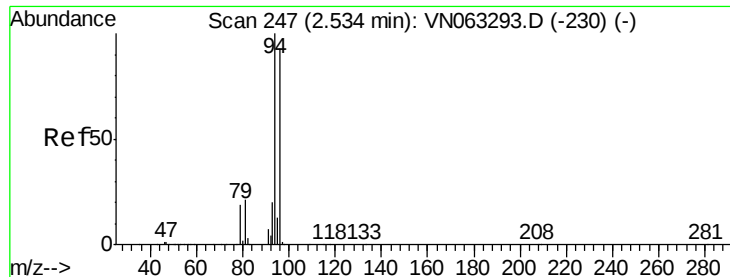
Tgt Ion: 62 Resp: 31185

Ion Ratio Lower Upper

62 100

64 34.6 24.6 37.0





#5

Bromomethane

Concen: 4.402 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

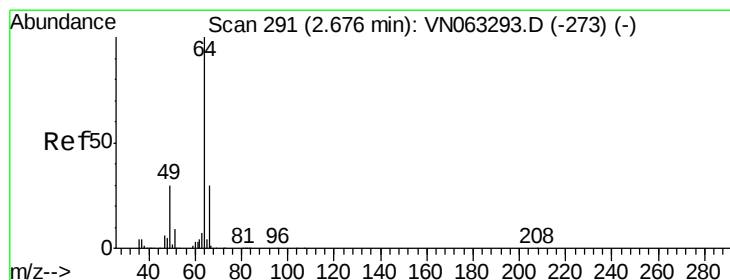
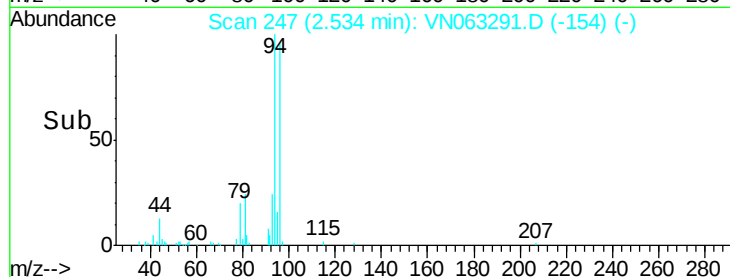
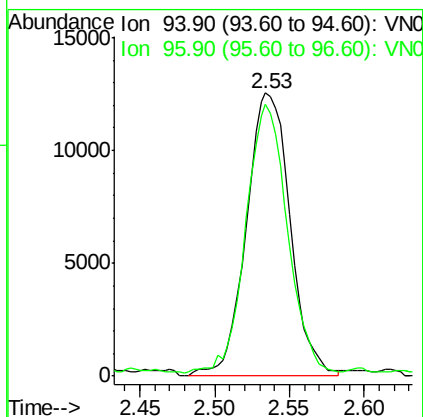
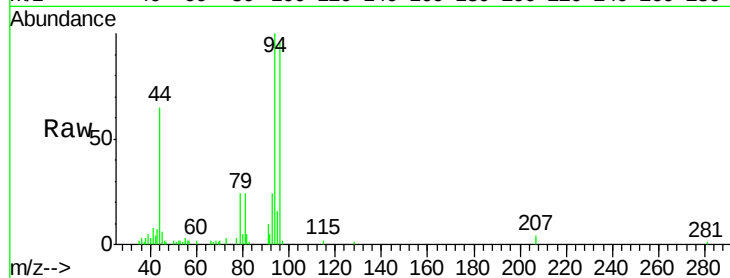
VSTDIC005

Tgt Ion: 94 Resp: 25539

Ion Ratio Lower Upper

94 100

96 94.4 74.3 111.5



#6

Chloroethane

Concen: 3.832 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063291.D

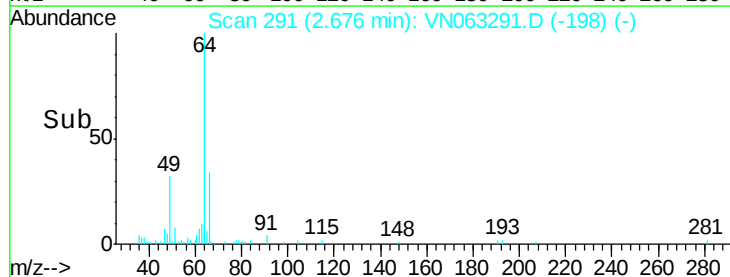
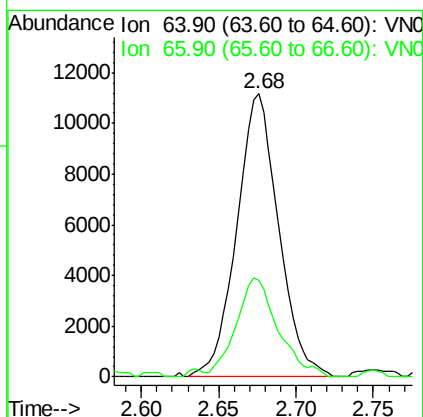
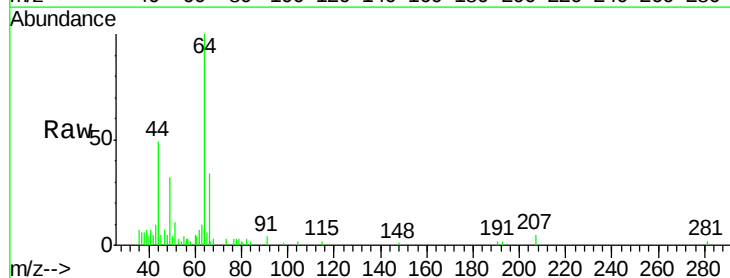
Acq: 10 Sep 2020 13:08

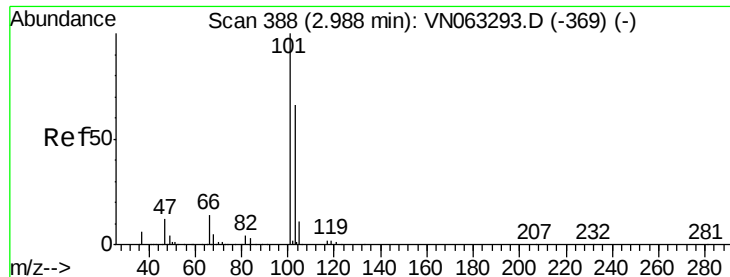
Tgt Ion: 64 Resp: 21068

Ion Ratio Lower Upper

64 100

66 34.2 23.8 35.6



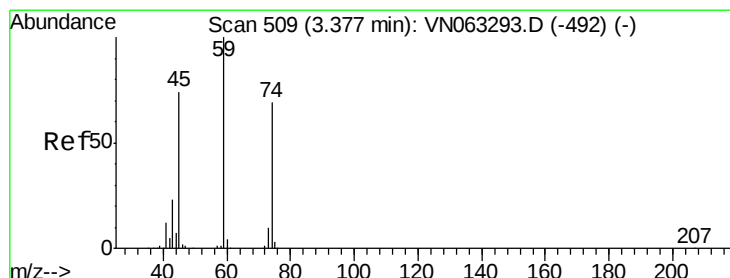
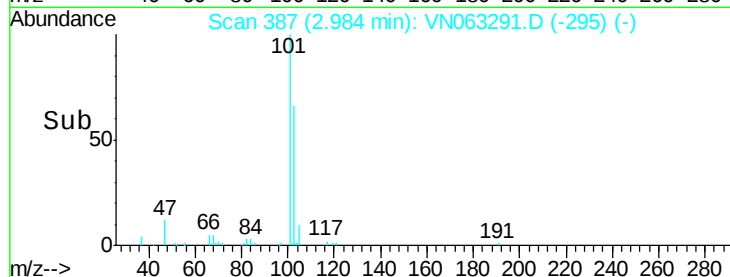
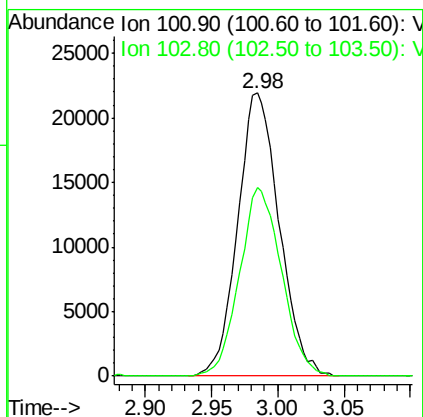
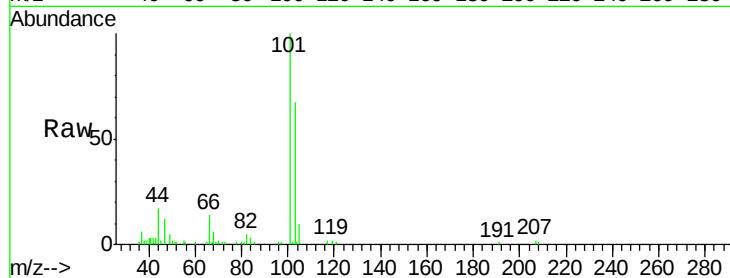


#7

Trichlorofluoromethane
 Concen: 4.411 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

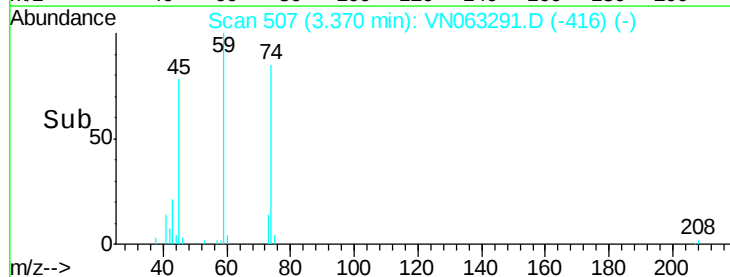
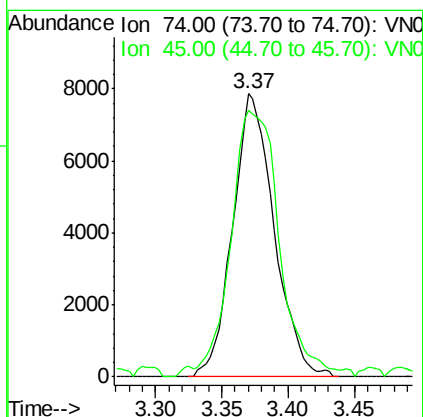
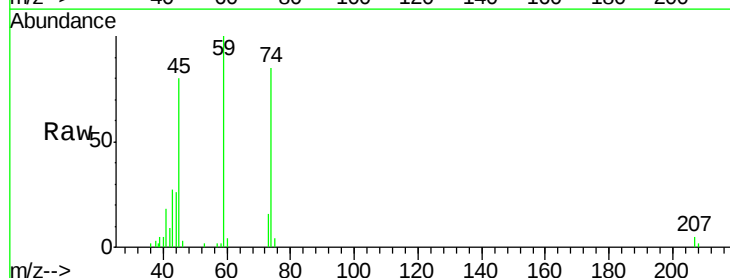
Tgt Ion: 101 Resp: 47890
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.4 78.6

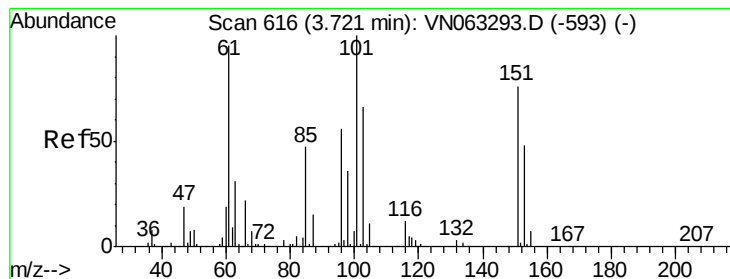


#8

Diethyl Ether
 Concen: 4.859 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 74 Resp: 17092
 Ion Ratio Lower Upper
 74 100
 45 110.9 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.144 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.01 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

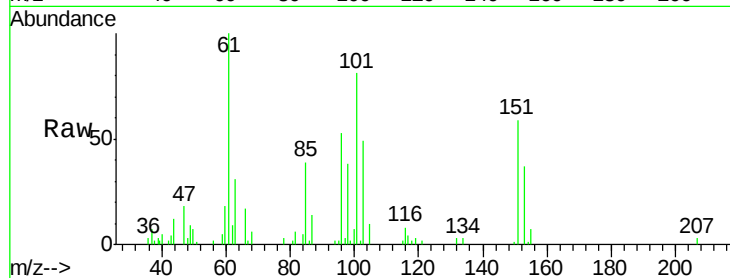
Tgt Ion:101 Resp: 25765

Ion Ratio Lower Upper

101 100

85 45.7 36.9 55.3

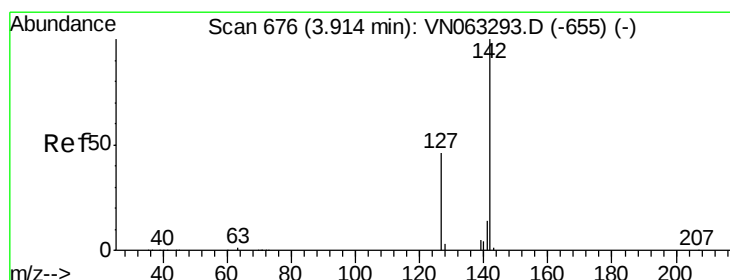
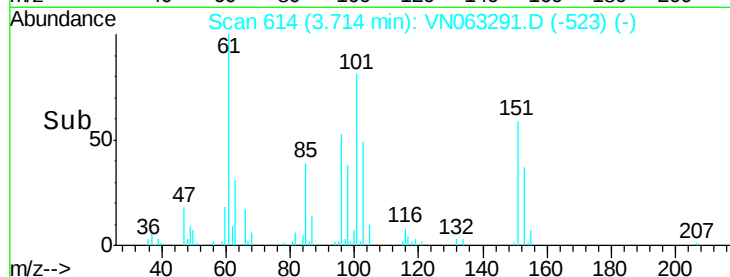
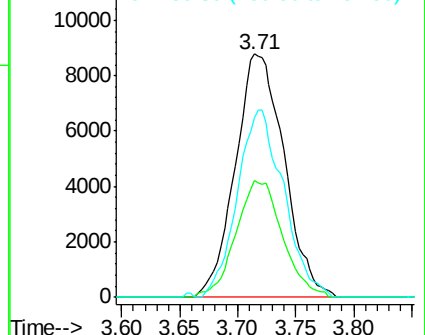
151 73.0 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.153 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

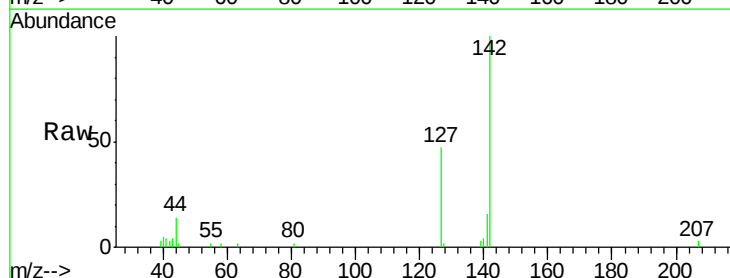
Tgt Ion:142 Resp: 28181

Ion Ratio Lower Upper

142 100

127 45.0 37.1 55.7

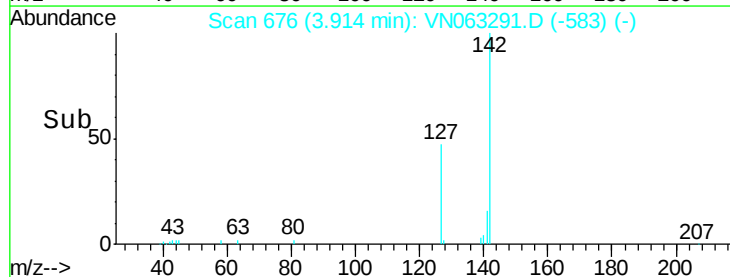
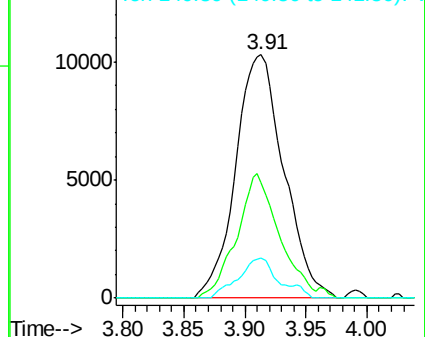
141 13.8 11.6 17.4

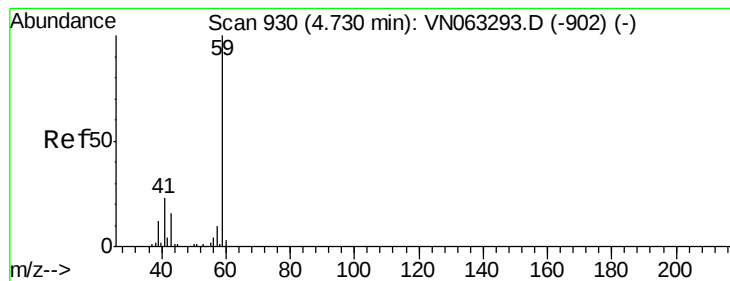


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 24.665 ug/l

RT: 4.73 min Scan# 930

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

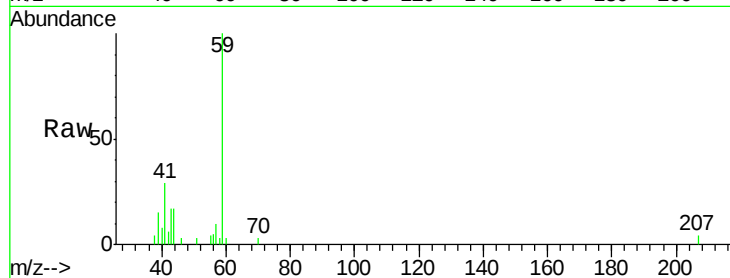
VSTDIC005

Tgt Ion: 59 Resp: 22852

Ion Ratio Lower Upper

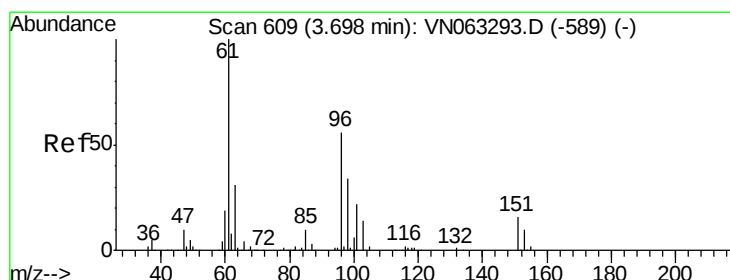
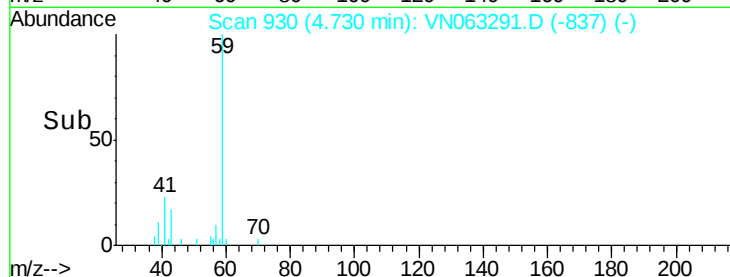
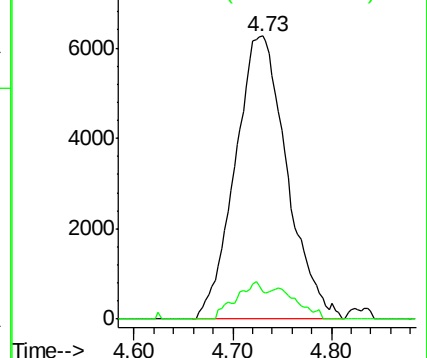
59 100

57 7.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 4.776 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

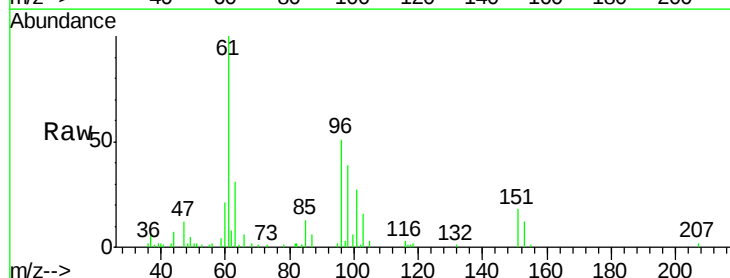
Tgt Ion: 96 Resp: 24195

Ion Ratio Lower Upper

96 100

61 193.3 142.1 213.1

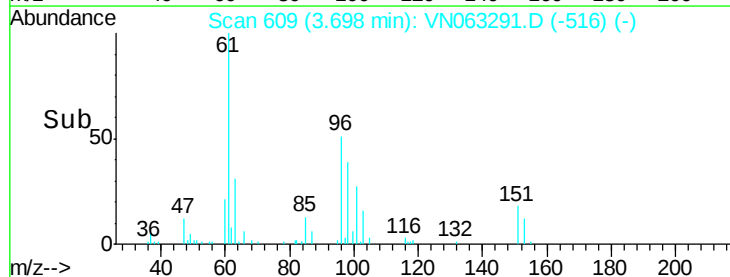
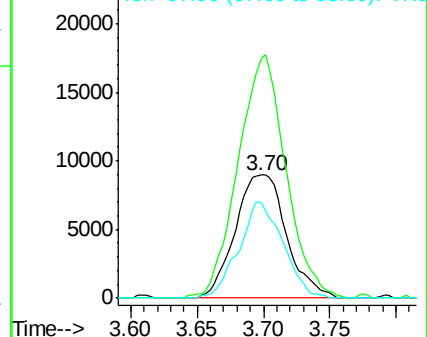
98 77.0 48.8 73.2#

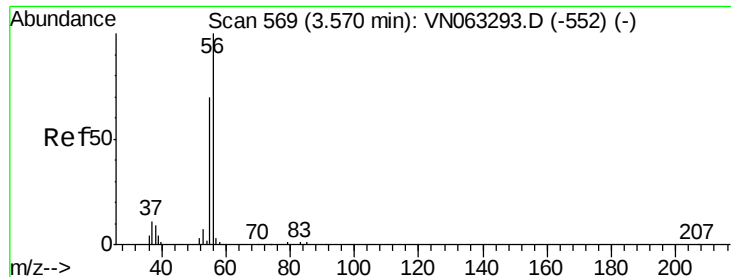


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 15.295 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

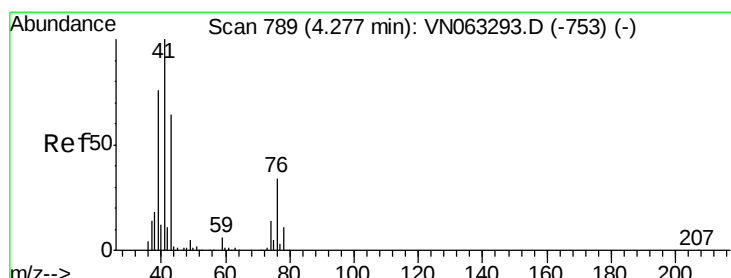
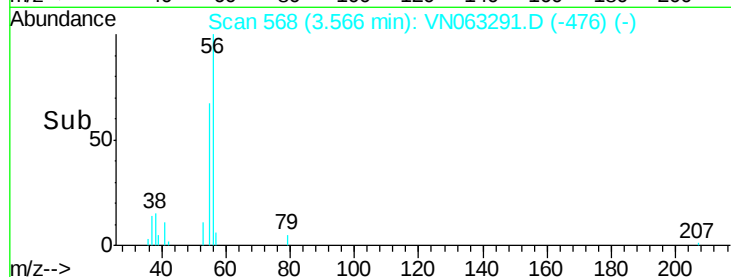
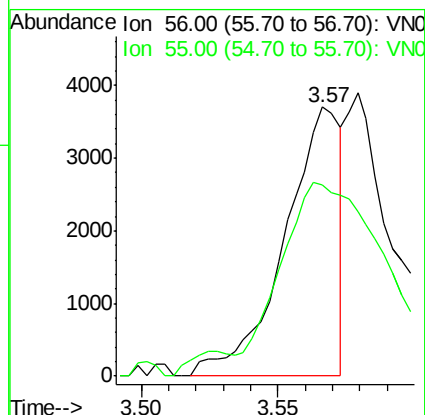
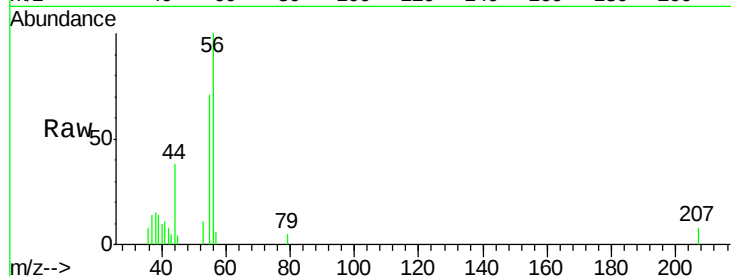
VSTDIC005

Tgt Ion: 56 Resp: 5275

Ion Ratio Lower Upper

56 100

55 118.1 57.2 85.8#



#14

Allyl chloride

Concen: 5.152 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

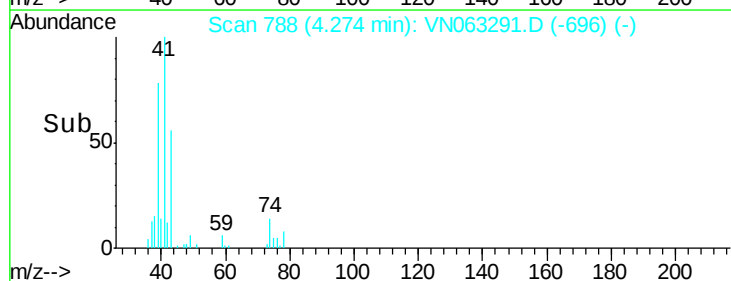
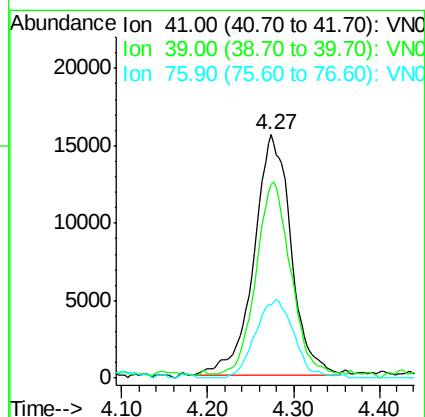
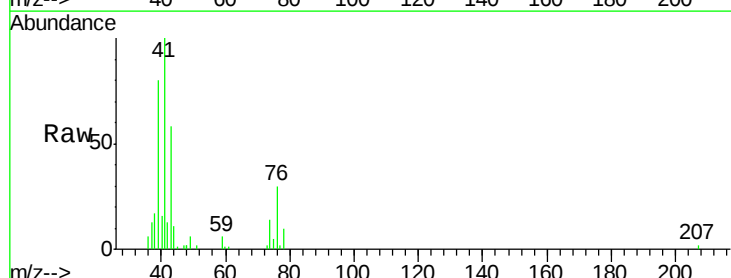
Tgt Ion: 41 Resp: 47041

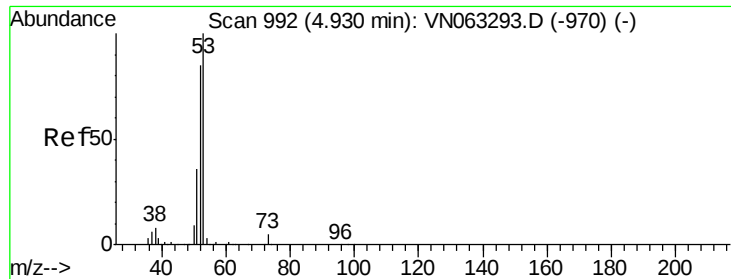
Ion Ratio Lower Upper

41 100

39 73.8 57.4 86.2

76 33.4 25.7 38.5





#15

Acrylonitrile

Concen: 24.207 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

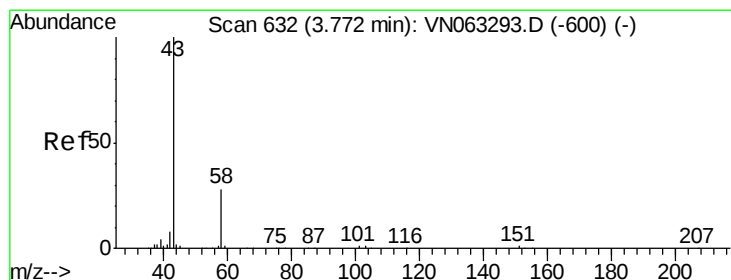
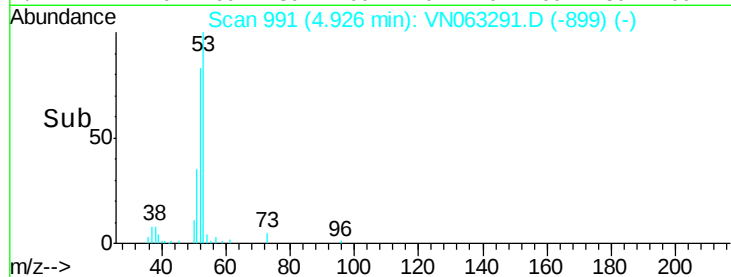
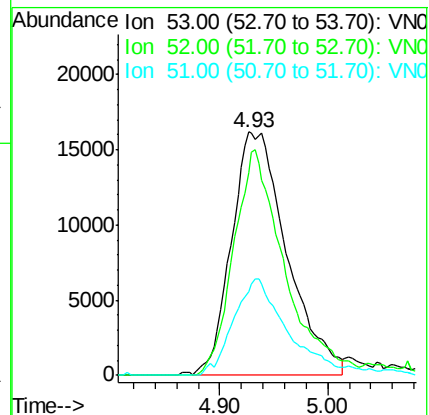
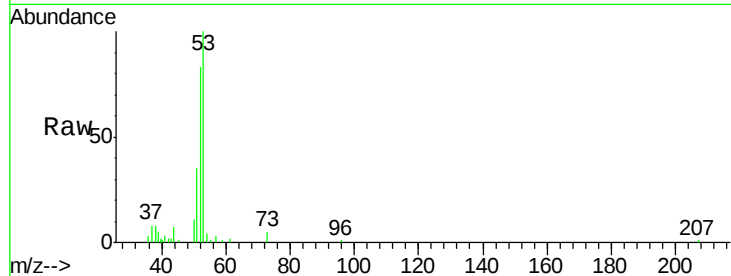
Tgt Ion: 53 Resp: 58006

Ion Ratio Lower Upper

53 100

52 84.7 66.5 99.7

51 37.8 29.8 44.6



#16

Acetone

Concen: 26.340 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063291.D

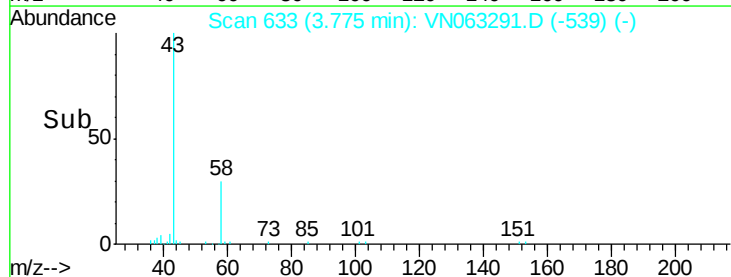
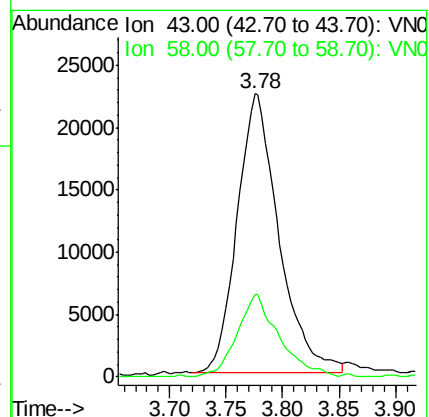
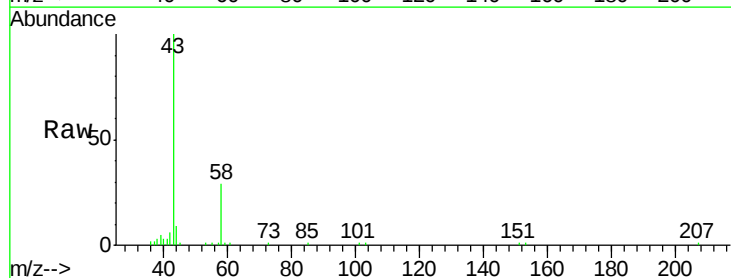
Acq: 10 Sep 2020 13:08

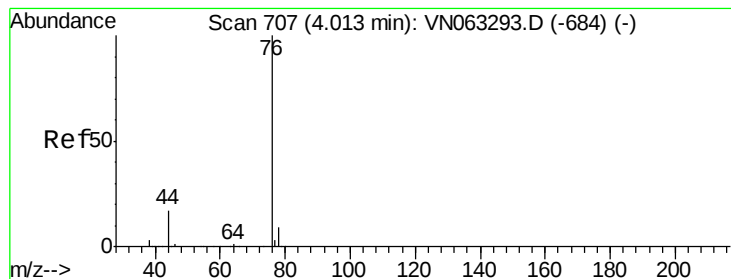
Tgt Ion: 43 Resp: 57579

Ion Ratio Lower Upper

43 100

58 29.5 22.6 34.0





#17

Carbon Disulfide

Concen: 4.764 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

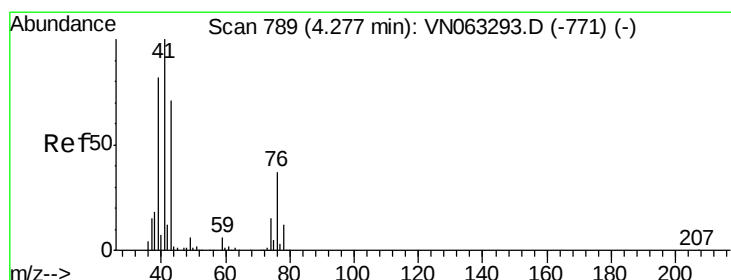
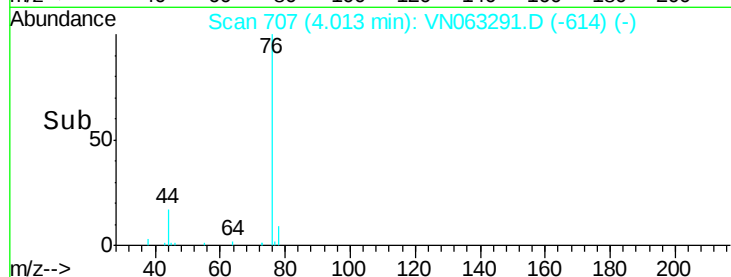
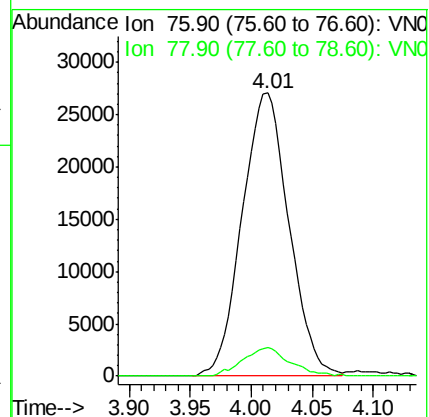
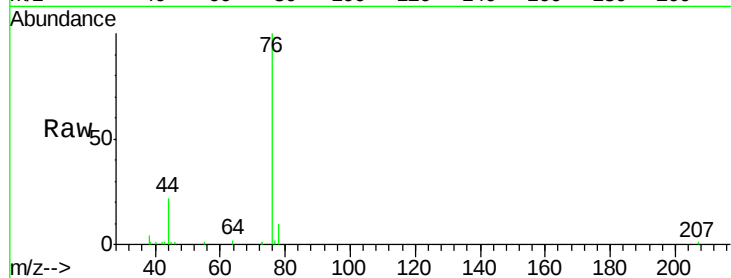
VSTDIC005

Tgt Ion: 76 Resp: 71976

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8



#18

Methyl Acetate

Concen: 5.271 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063291.D

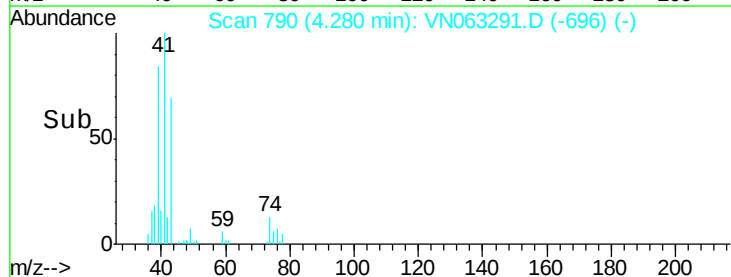
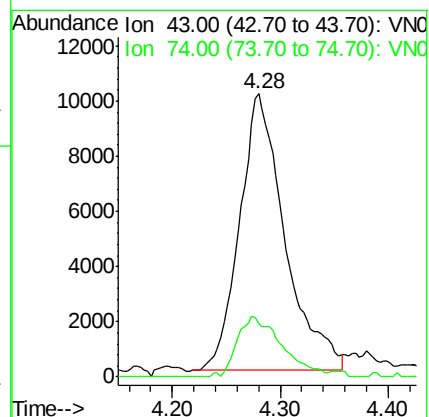
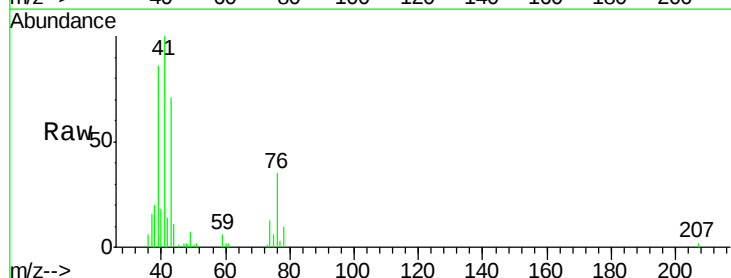
Acq: 10 Sep 2020 13:08

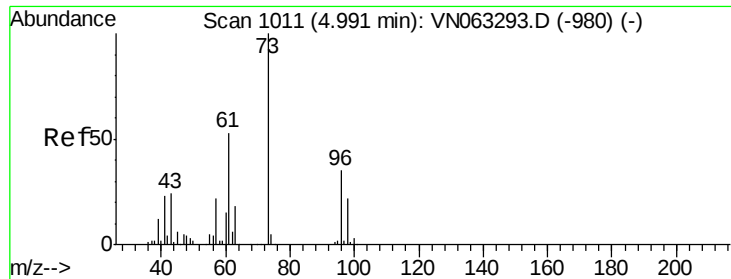
Tgt Ion: 43 Resp: 29373

Ion Ratio Lower Upper

43 100

74 21.5 17.8 26.6

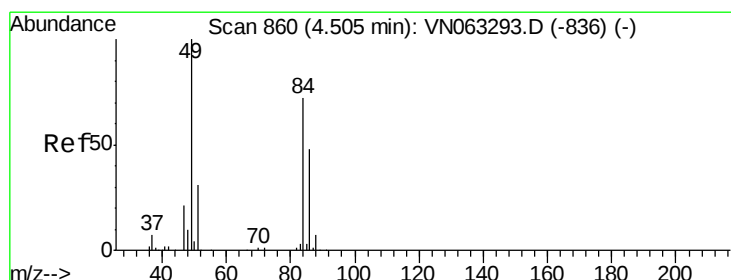
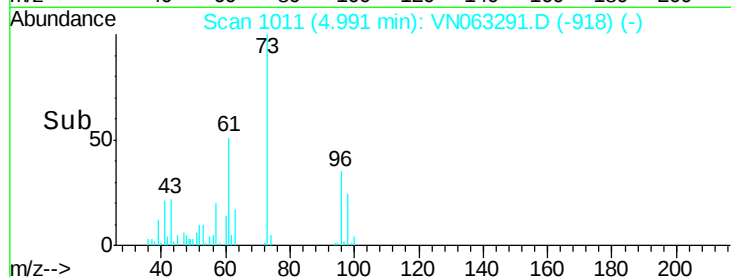
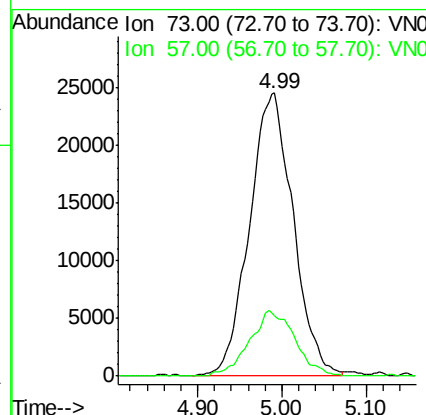
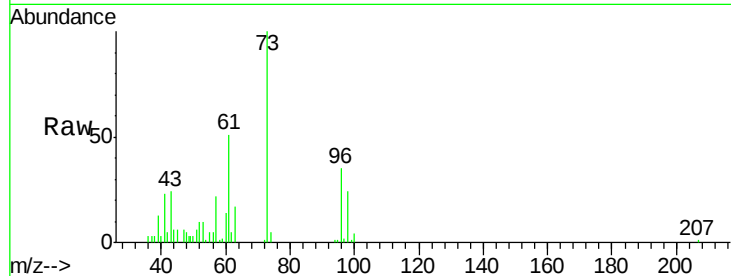




#19
Methyl tert-butyl Ether
Concen: 4.739 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

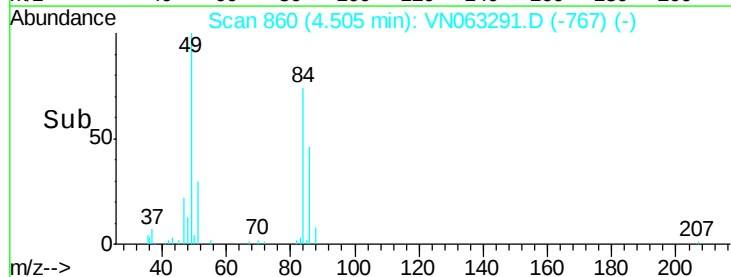
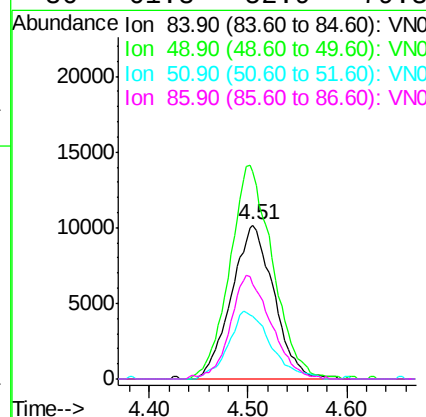
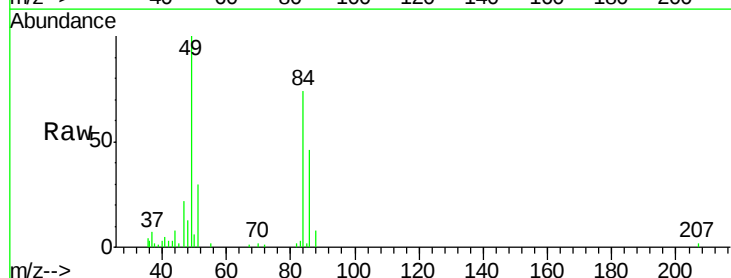
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

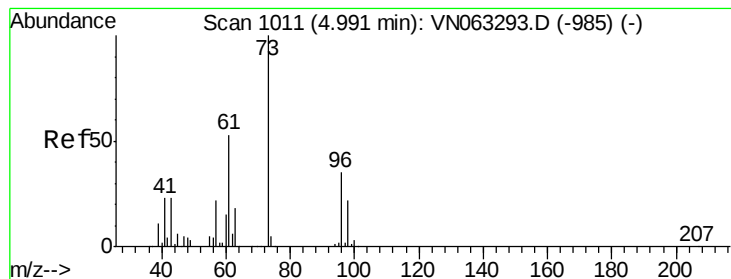
Tgt Ion: 73 Resp: 88523
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 4.687 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 84 Resp: 30427
Ion Ratio Lower Upper
84 100
49 134.6 111.1 166.7
51 40.5 34.3 51.5
86 61.8 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 5.002 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

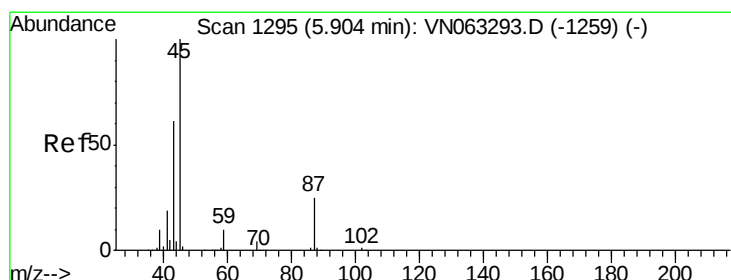
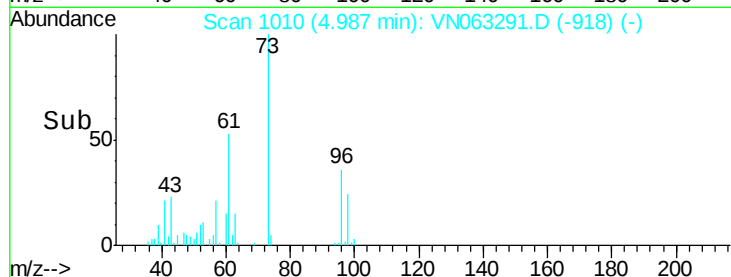
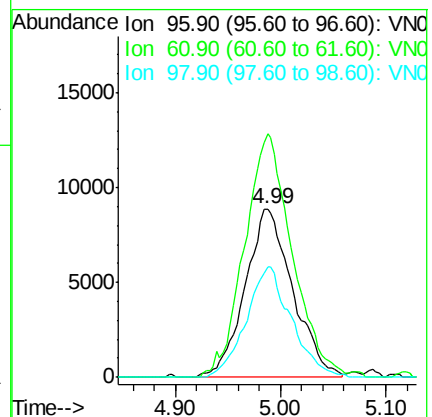
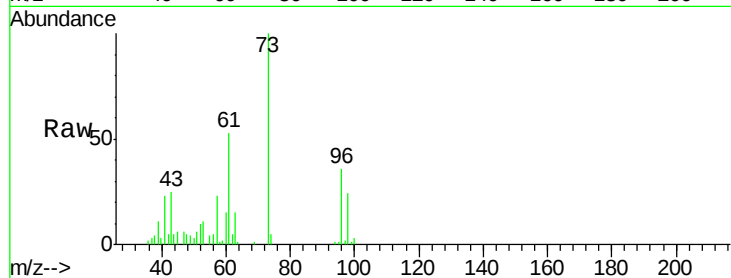
Tgt Ion: 96 Resp: 27838

Ion Ratio Lower Upper

96 100

61 144.3 121.8 182.8

98 65.3 51.2 76.8



#22

Diisopropyl ether

Concen: 5.079 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion: 45 Resp: 102790

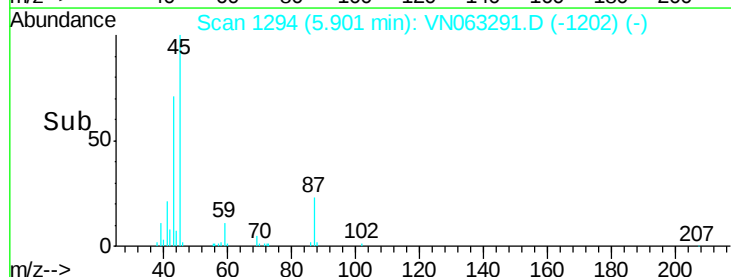
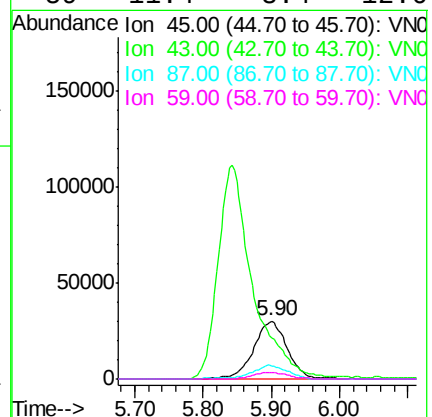
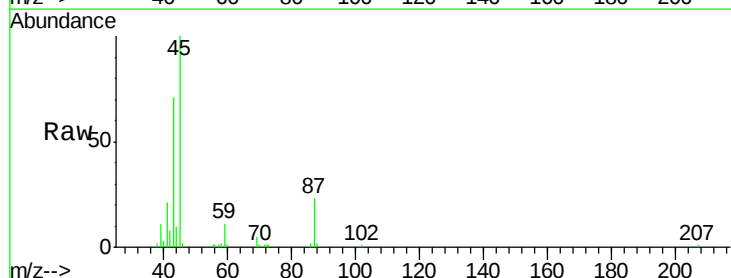
Ion Ratio Lower Upper

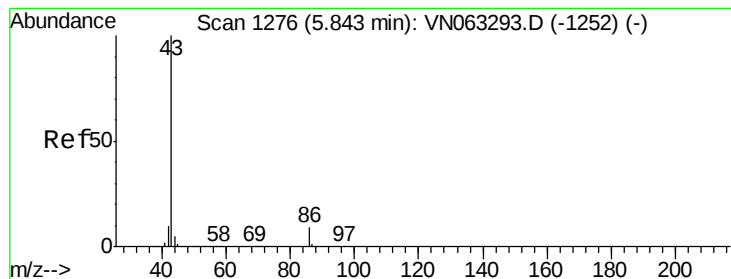
45 100

43 69.2 50.3 75.5

87 23.3 20.7 31.1

59 11.4 8.4 12.6





#23

Vinyl Acetate

Concen: 24.112 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

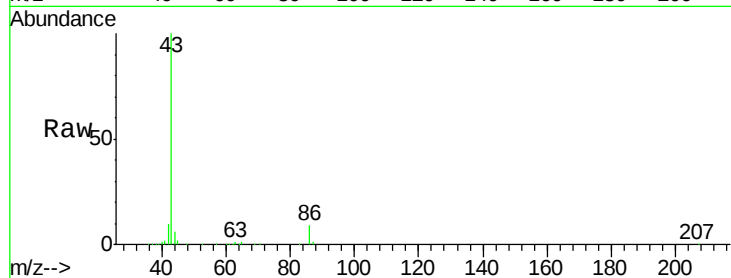
VSTDIC005

Tgt Ion: 43 Resp: 388260

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

120000

100000

80000

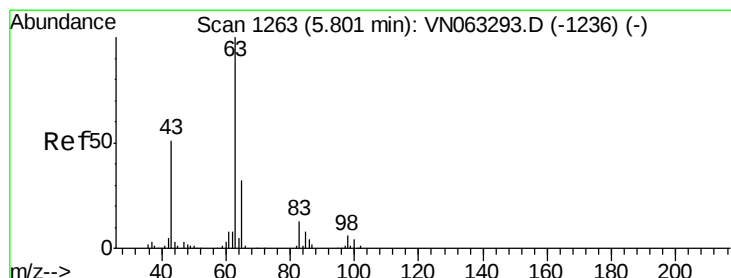
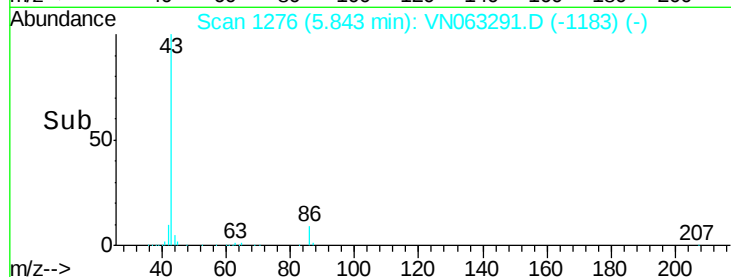
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 4.921 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

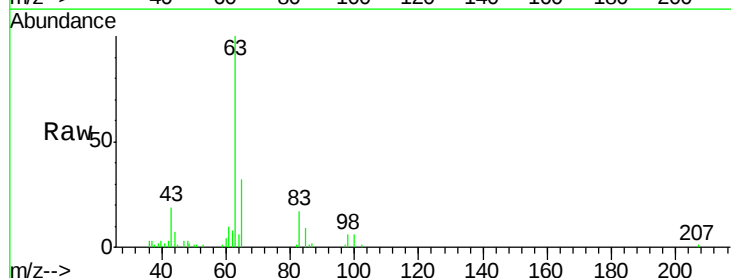
Tgt Ion: 63 Resp: 54660

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 6.1 2.0 6.0#



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

20000

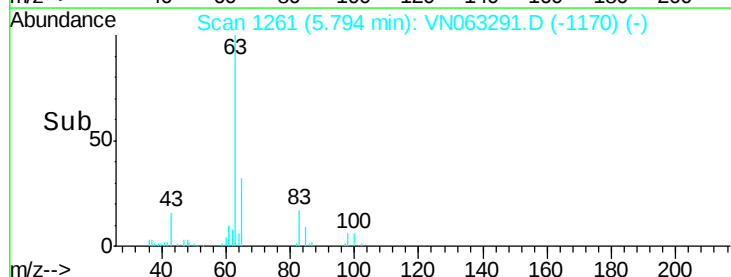
15000

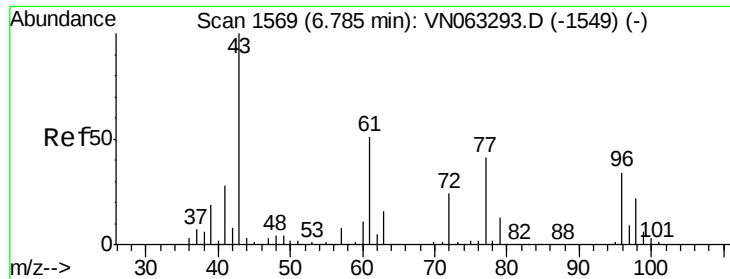
10000

5000

0

Time-->

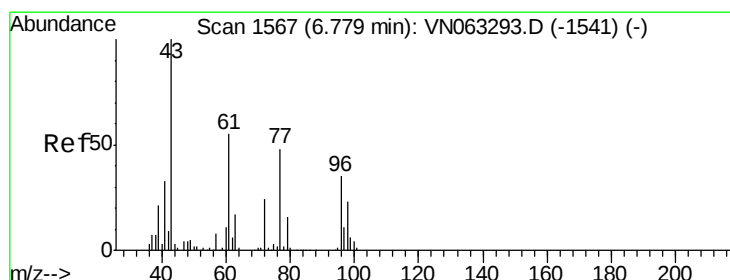
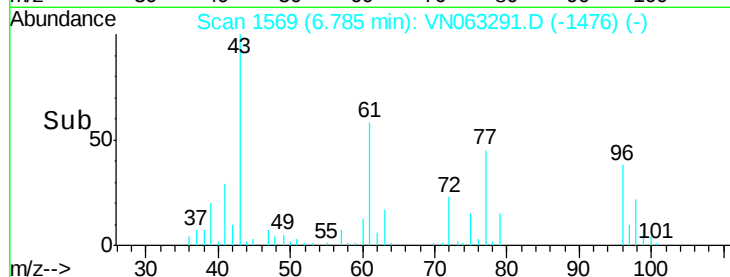
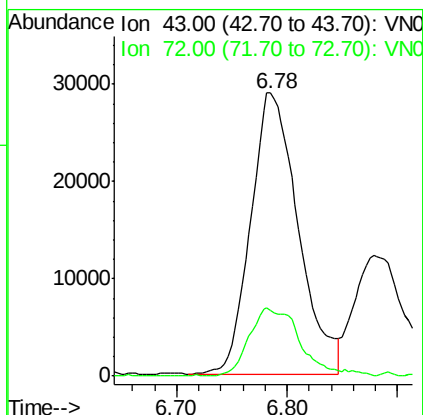
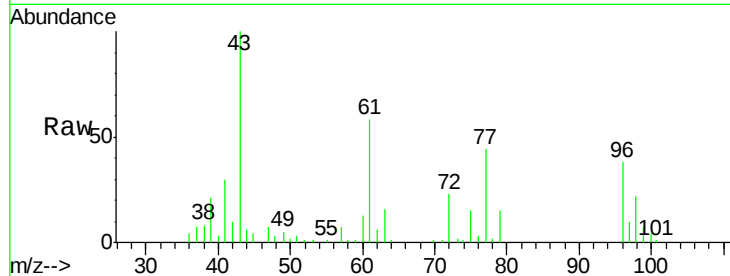




#25
2-Butanone
Concen: 25.768 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

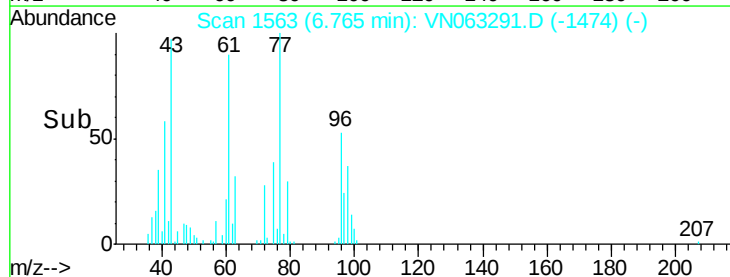
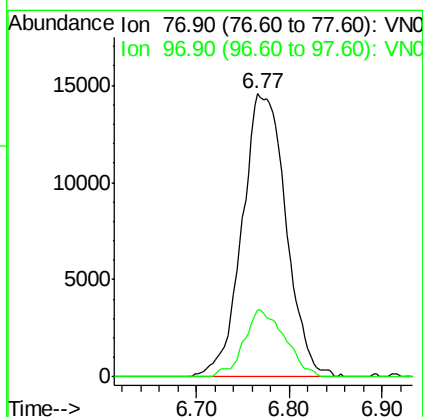
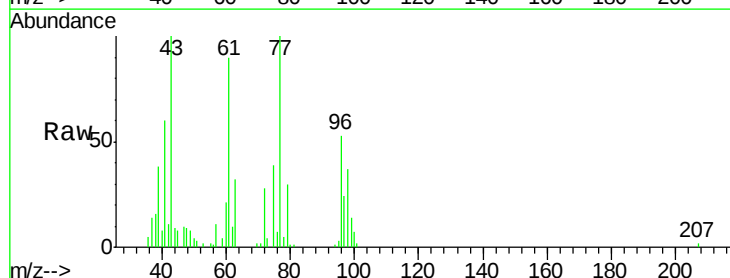
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

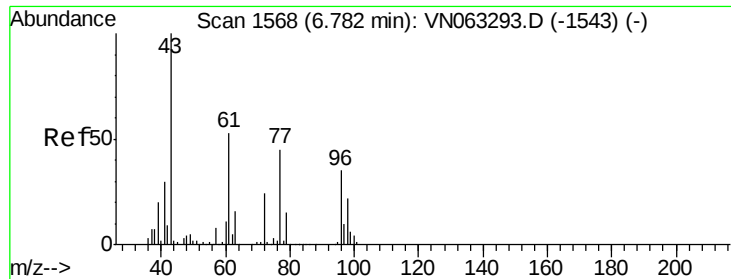
Tgt Ion: 43 Resp: 86586
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 4.751 ug/l
RT: 6.77 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 77 Resp: 47898
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 4.778 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

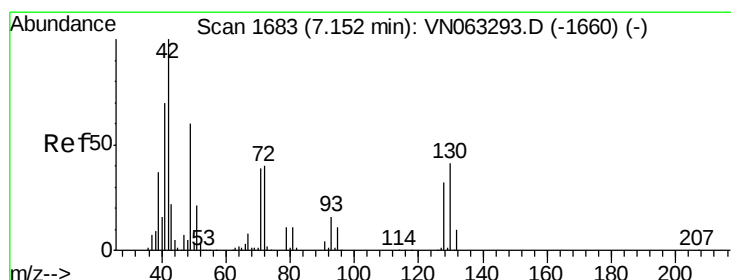
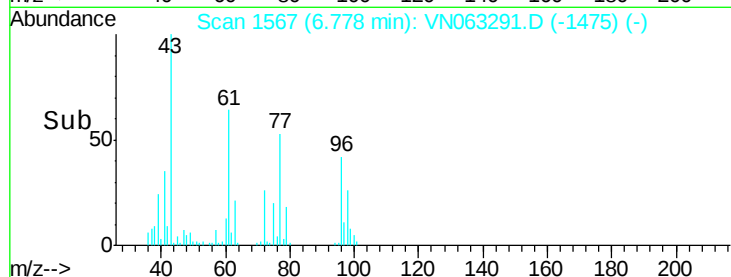
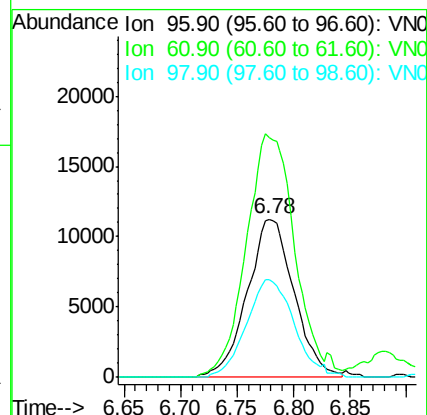
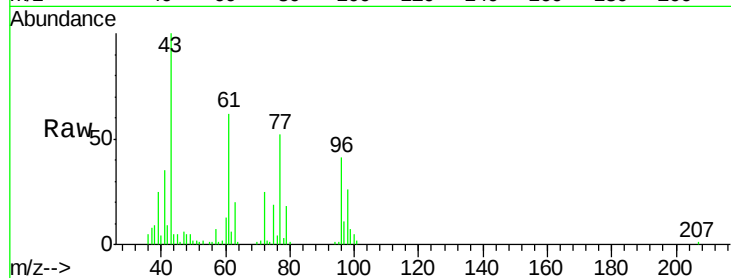
Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 32321

Ion	Ratio	Lower	Upper
96	100		
61	157.4	0.0	322.8
98	63.2	0.0	132.2



#28

Bromochloromethane

Concen: 4.517 ug/l

RT: 7.14 min Scan# 1681

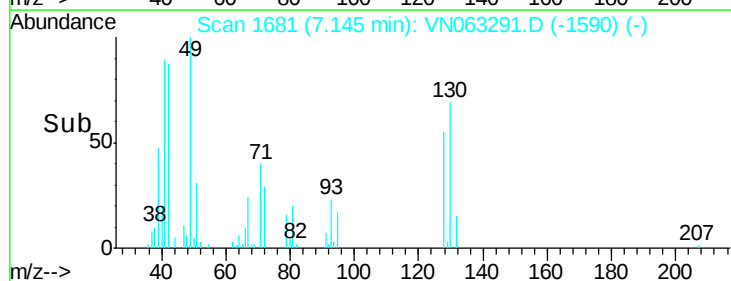
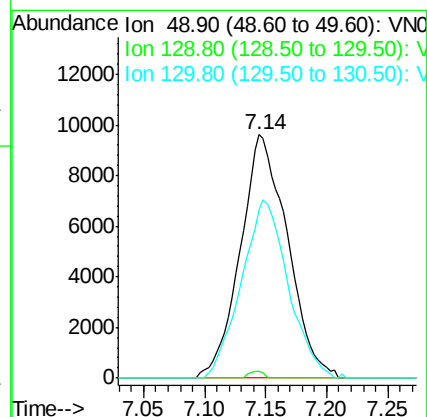
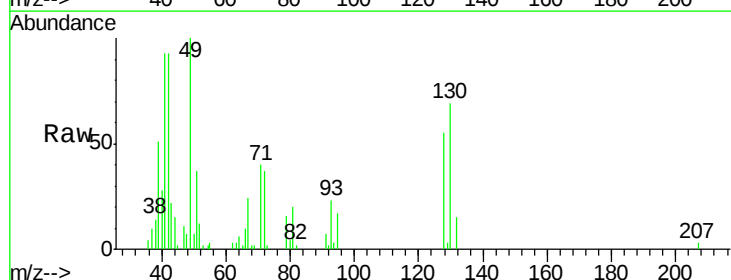
Delta R.T. -0.01 min

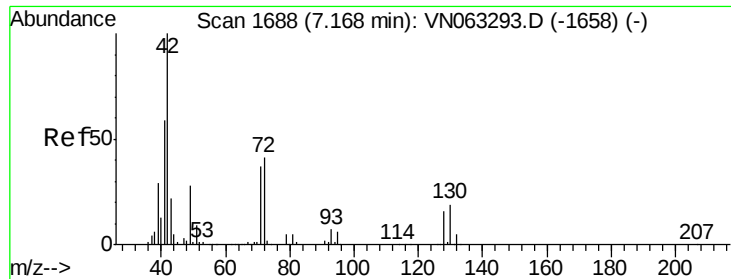
Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion: 49 Resp: 25688

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	72.7	53.1	79.7

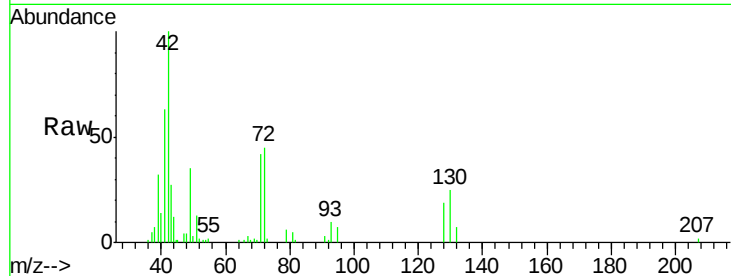




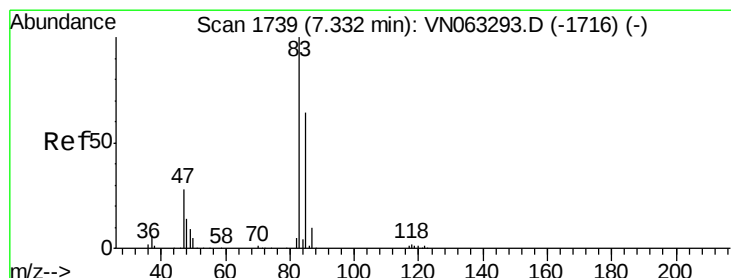
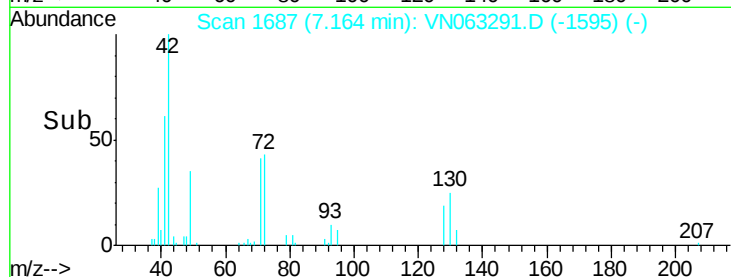
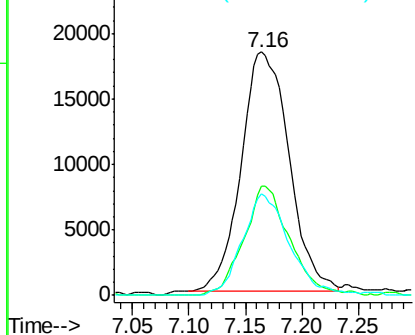
#29
Tetrahydrofuran
Concen: 23.407 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 54156
Ion Ratio Lower Upper
42 100
72 43.2 31.4 47.2
71 41.3 30.0 45.0

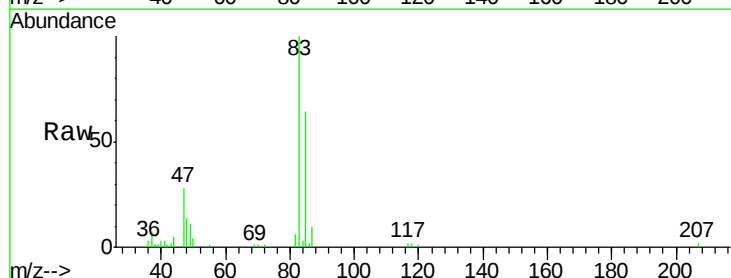


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

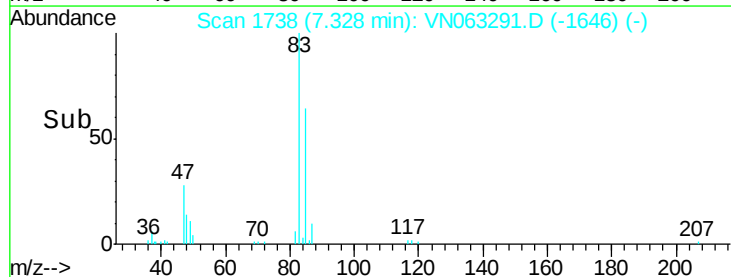
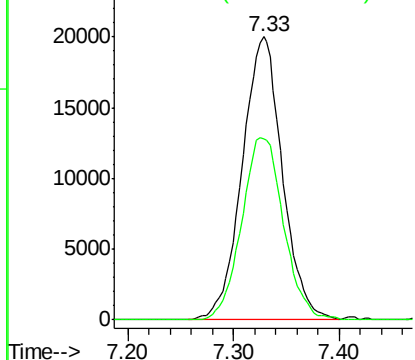


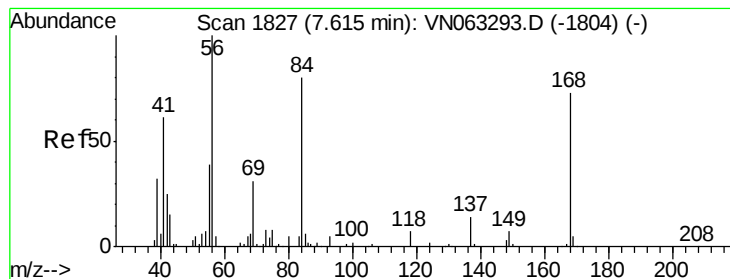
#30
Chloroform
Concen: 4.583 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 83 Resp: 53055
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 5.866 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

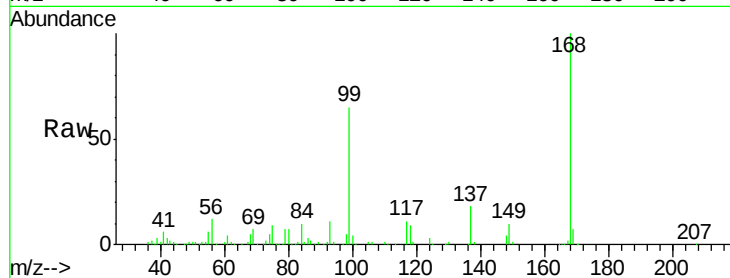
Tgt Ion: 56 Resp: 61241

Ion Ratio Lower Upper

56 100

69 61.2 25.1 37.7#

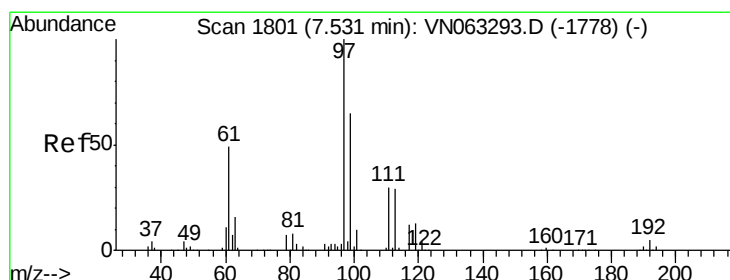
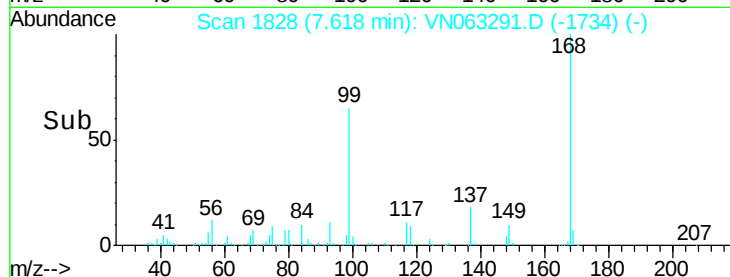
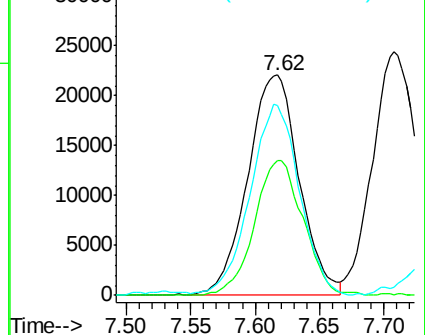
84 85.5 64.2 96.2



Abundance Ion 56.00 (55.70 to 56.70): VN063291.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063291.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063291.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 4.781 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

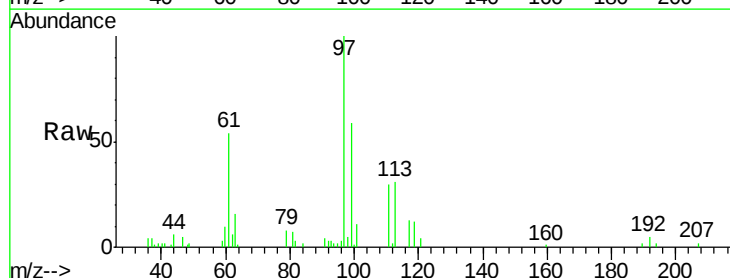
Tgt Ion: 97 Resp: 47549

Ion Ratio Lower Upper

97 100

99 62.6 51.4 77.2

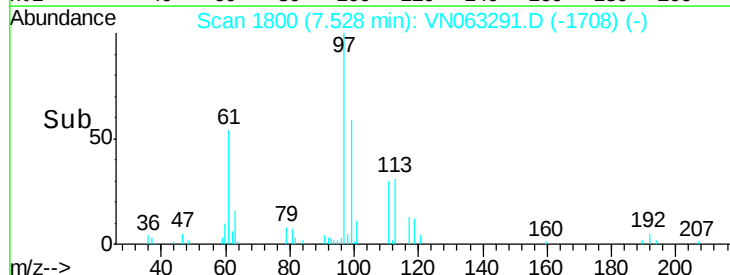
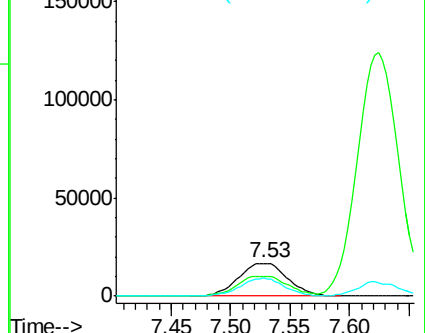
61 50.0 38.9 58.3

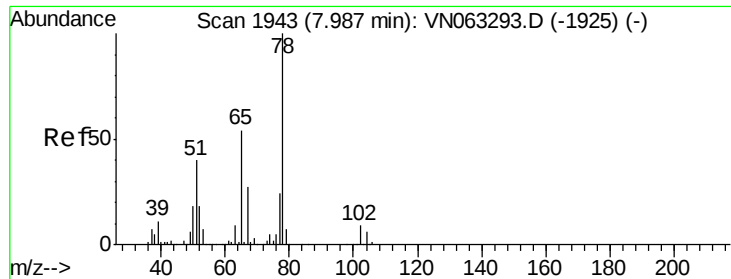


Abundance Ion 96.90 (96.60 to 97.60): VN063291.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN063291.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN063291.D (-1708) (-)

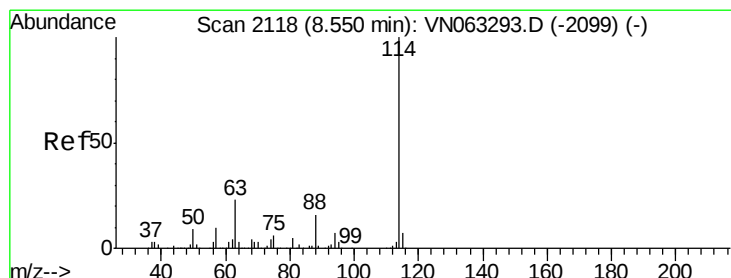
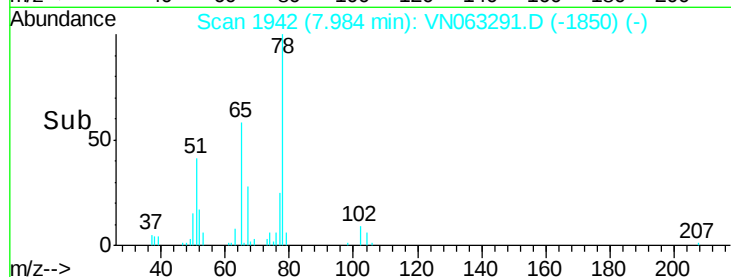
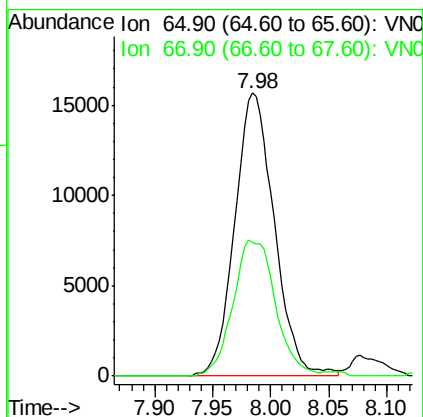
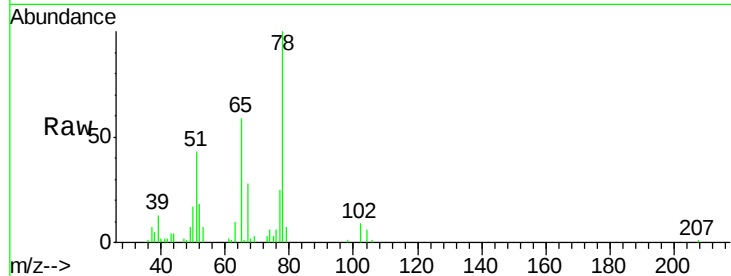




#33
 1,2-Dichloroethane-d4
 Concen: 4.960 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

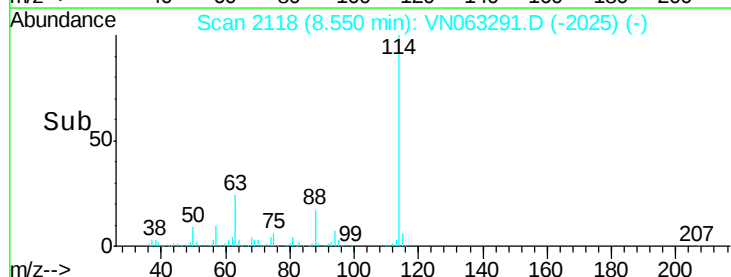
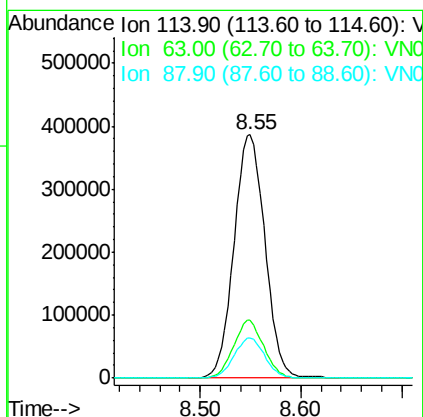
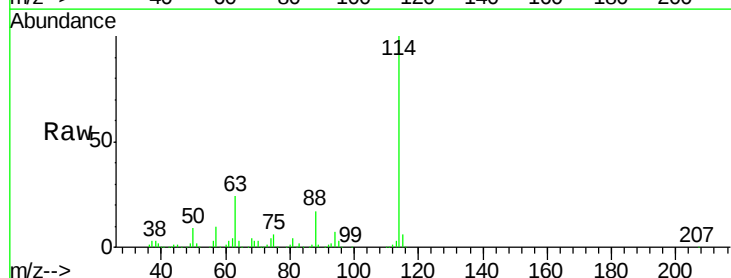
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

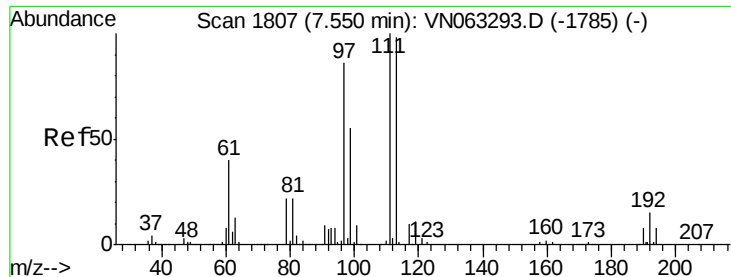
Tgt Ion: 65 Resp: 37126
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 114 Resp: 825113
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.0
 88 16.6 0.0 32.8

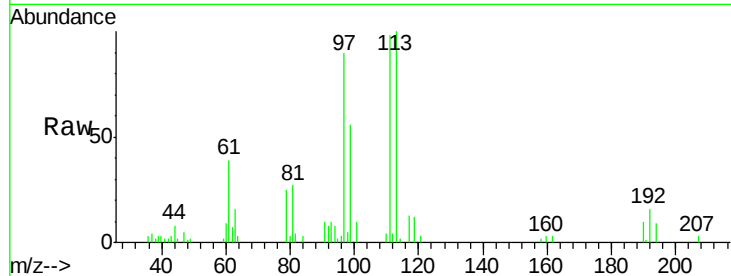




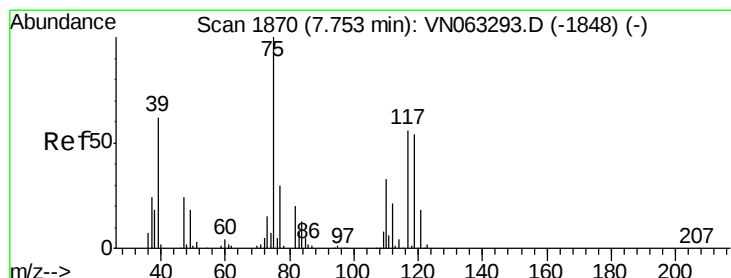
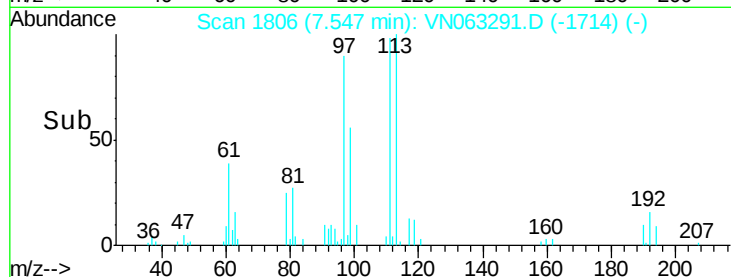
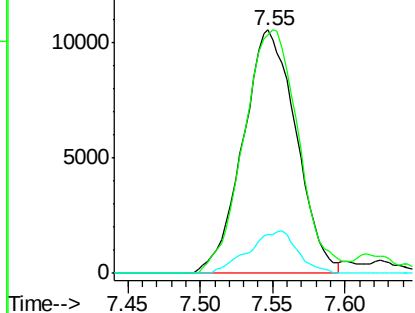
#35
 Dibromofluoromethane
 Concen: 5.128 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 26914
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.2
 192 16.1 12.9 19.3

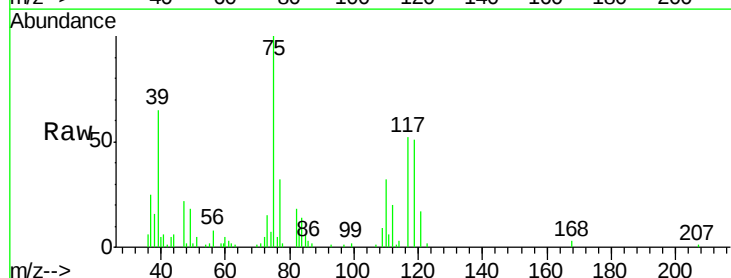


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

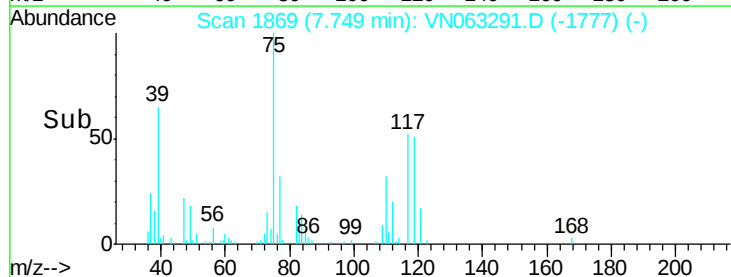
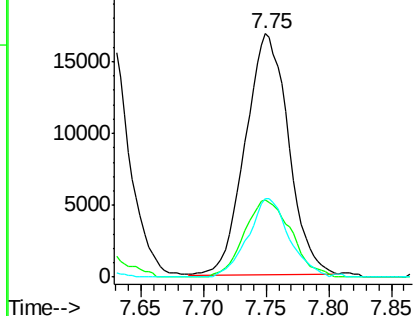


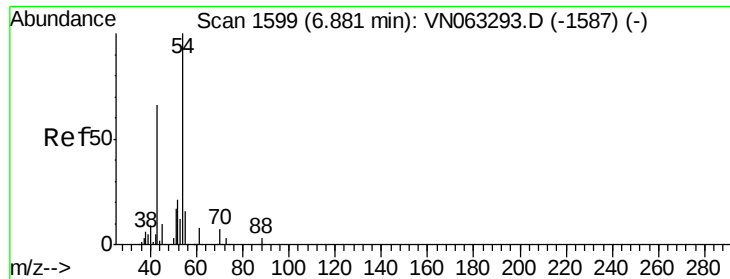
#36
 1,1-Dichloropropene
 Concen: 5.084 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 75 Resp: 40354
 Ion Ratio Lower Upper
 75 100
 110 34.7 16.4 49.4
 77 31.1 24.8 37.2



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

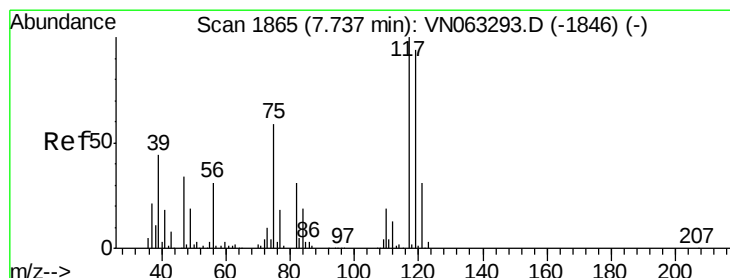
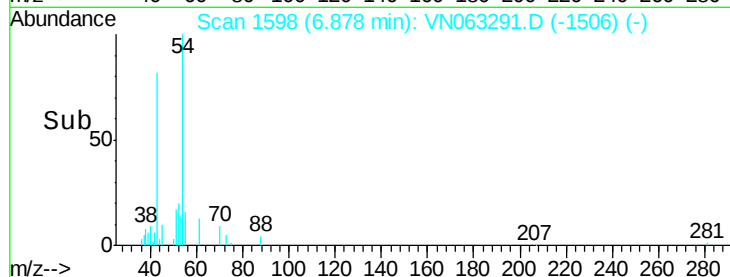
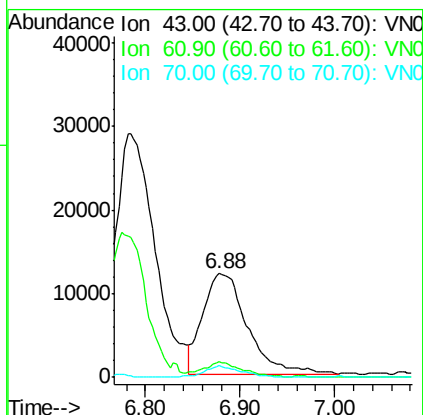
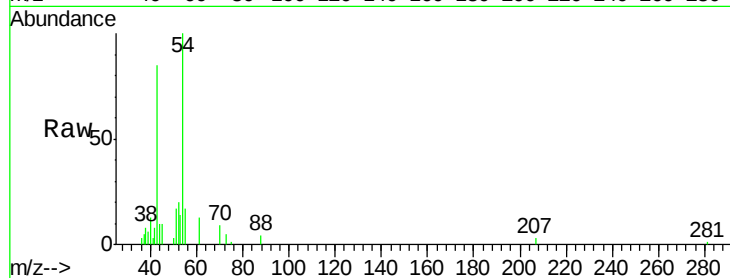




#37
Ethyl Acetate
Concen: 5.865 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

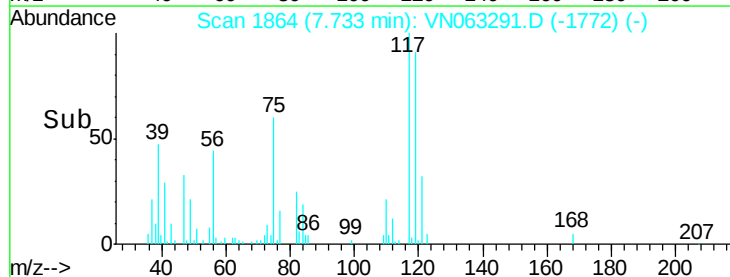
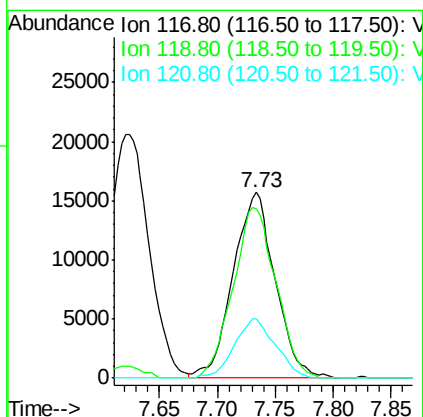
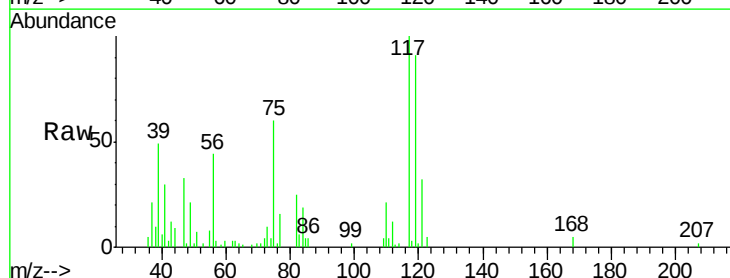
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

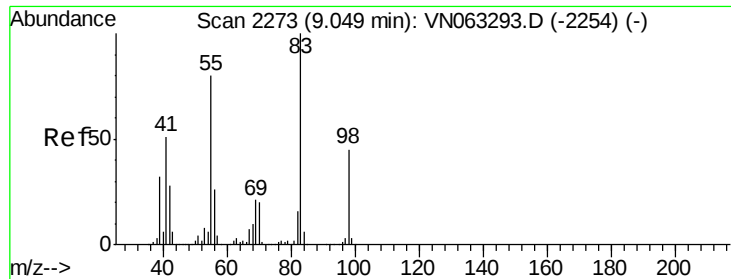
Tgt Ion: 43 Resp: 39876
Ion Ratio Lower Upper
43 100
61 13.5 10.1 15.1
70 7.3 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 4.922 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 117 Resp: 39497
Ion Ratio Lower Upper
117 100
119 90.9 75.3 112.9
121 32.2 24.6 37.0

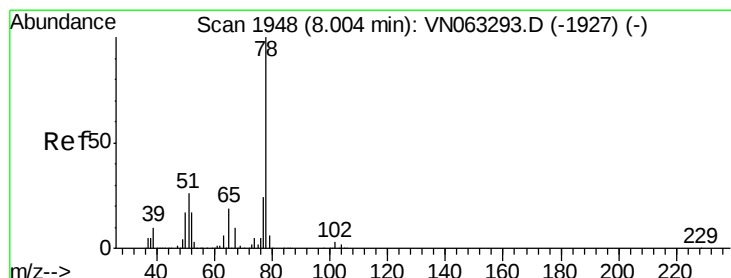
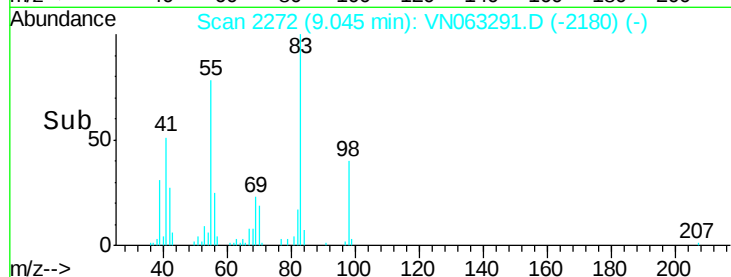
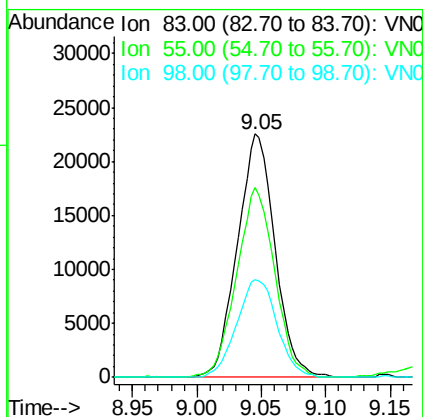
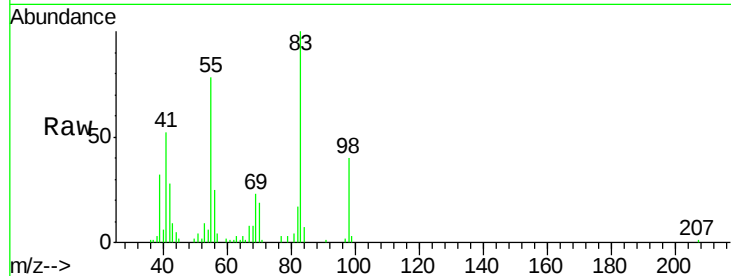




#39
Methylcyclohexane
Concen: 5.159 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

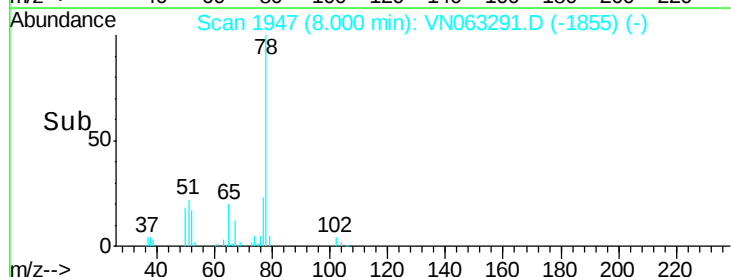
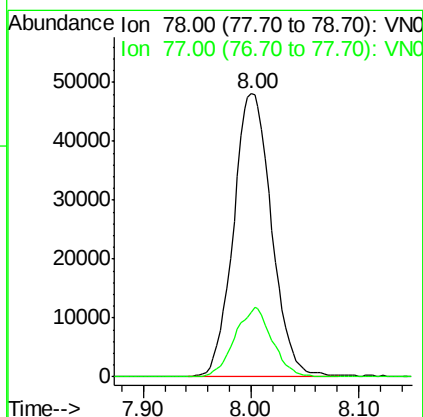
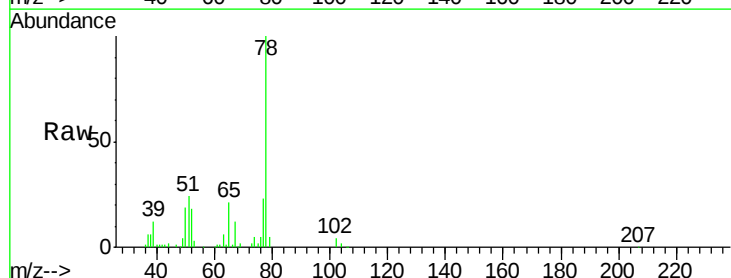
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

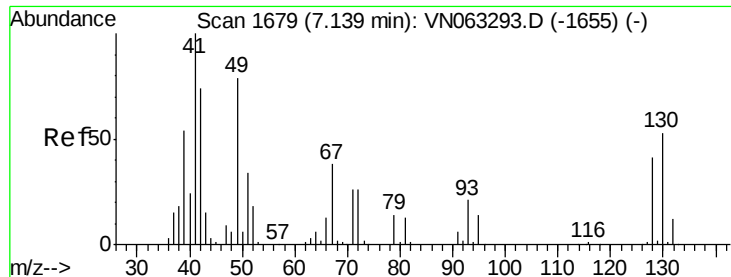
Tgt Ion: 83 Resp: 45769
Ion Ratio Lower Upper
83 100
55 78.1 64.0 96.0
98 40.1 36.4 54.6



#40
Benzene
Concen: 5.107 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 78 Resp: 118312
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

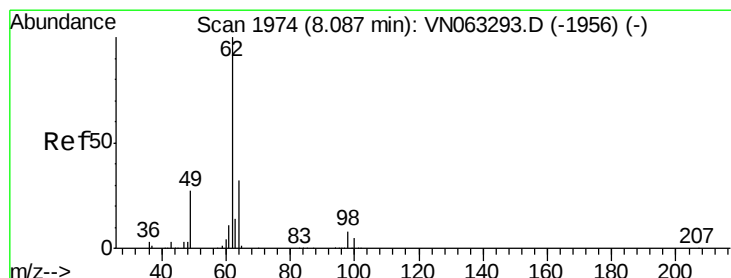
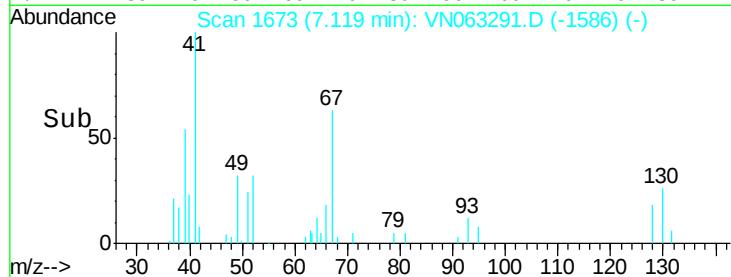
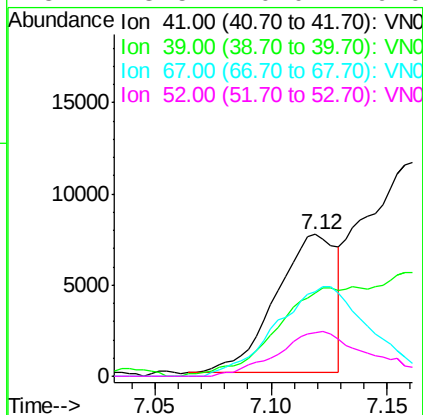
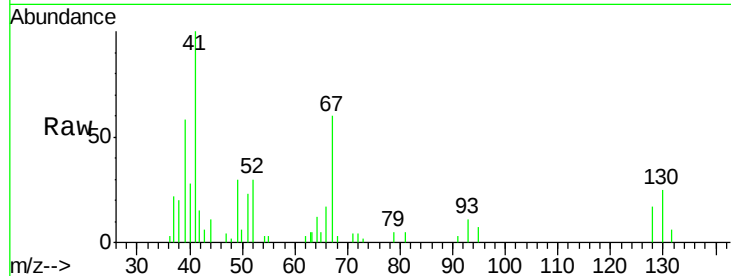




#41
Methacrylonitrile
Concen: 4.053 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.02 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

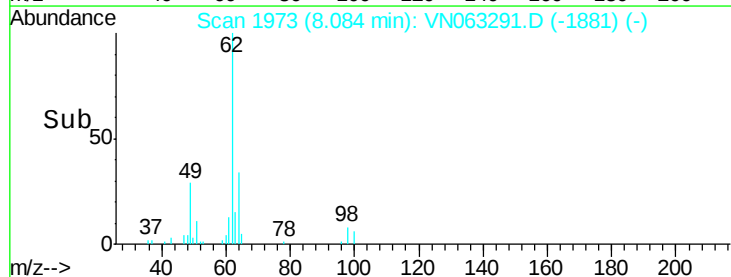
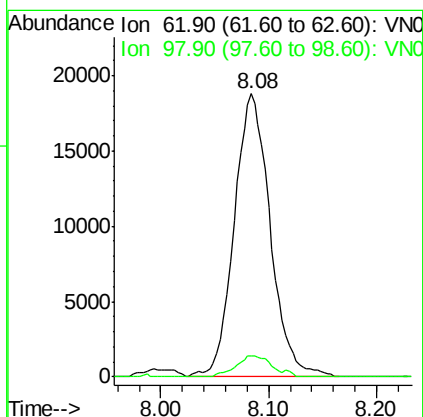
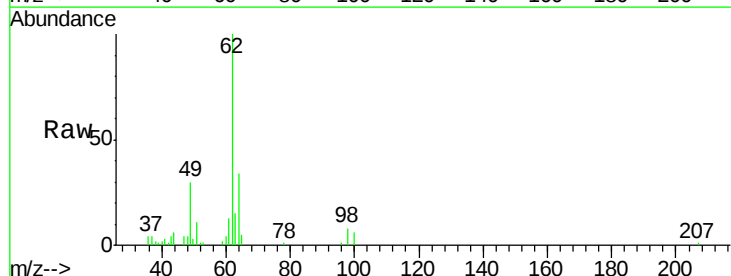
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

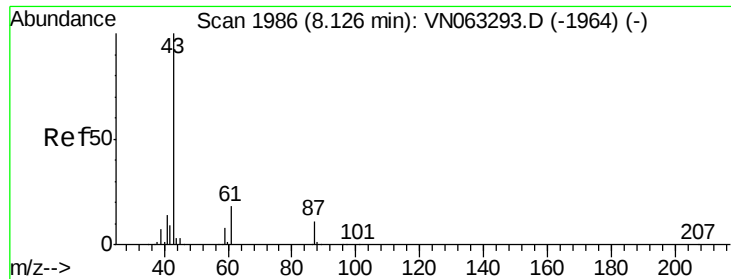
Tgt Ion:	41	Resp:	13898
Ion	Ratio	Lower	Upper
41	100		
39	64.5	0.0	0.0#
67	102.0	0.0	0.0#
52	48.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.034 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:	62	Resp:	43751
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.4





#43

Isopropyl Acetate

Concen: 5.076 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

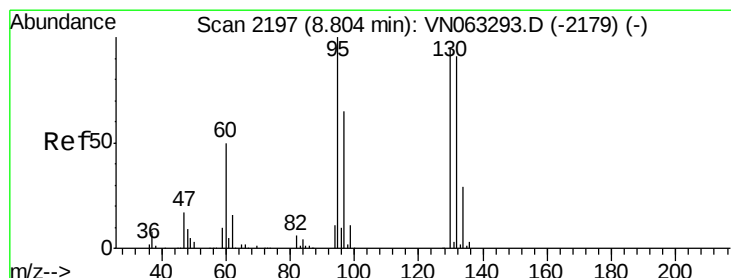
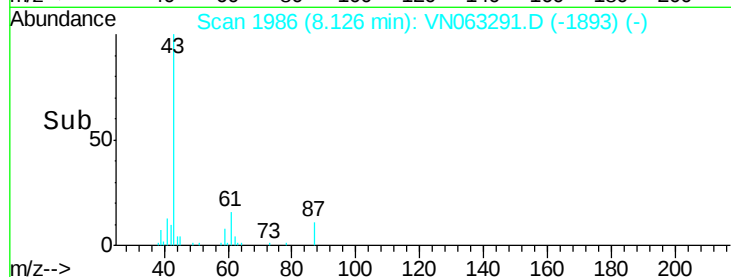
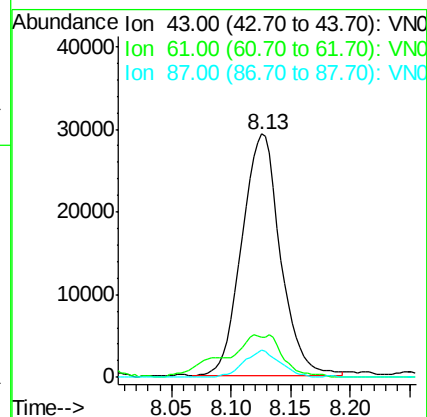
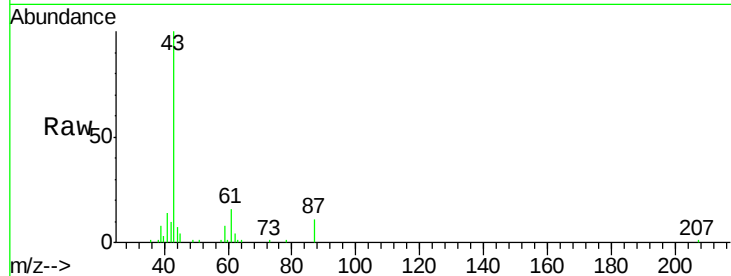
Tgt Ion: 43 Resp: 65635

Ion Ratio Lower Upper

43 100

61 4.1 15.1 22.7#

87 10.6 9.2 13.8



#44

Trichloroethene

Concen: 5.252 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063291.D

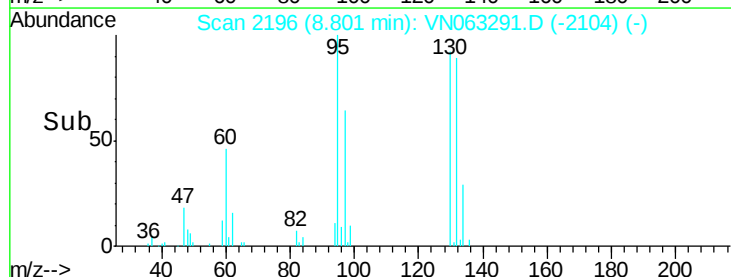
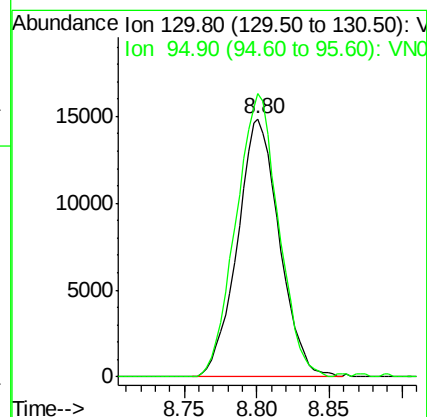
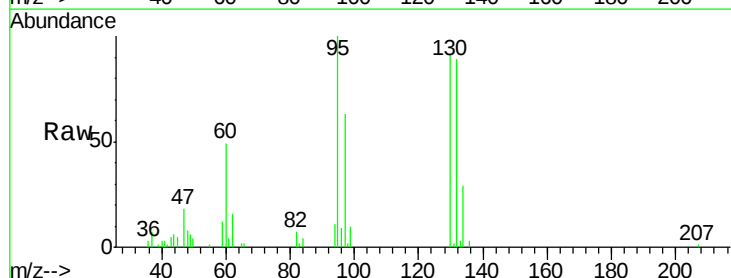
Acq: 10 Sep 2020 13:08

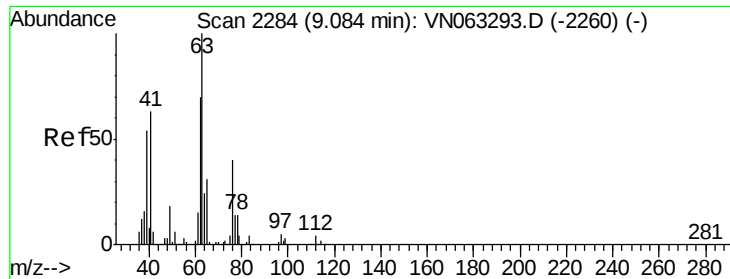
Tgt Ion: 130 Resp: 29953

Ion Ratio Lower Upper

130 100

95 109.8 0.0 210.8

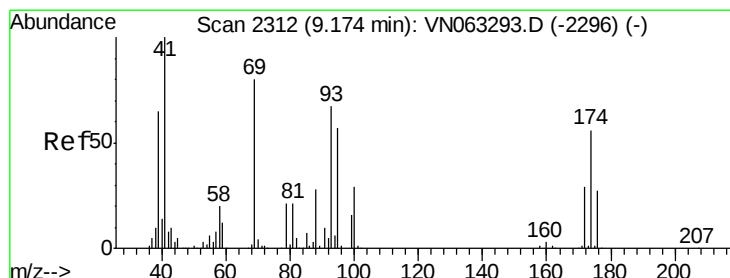
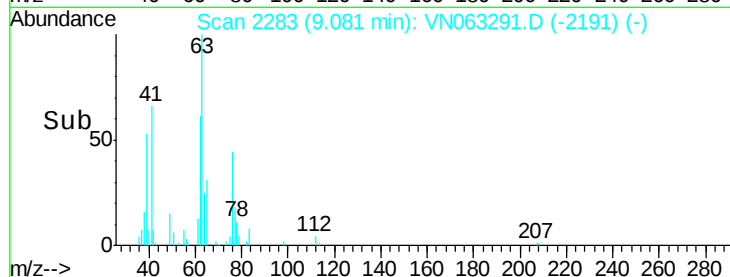
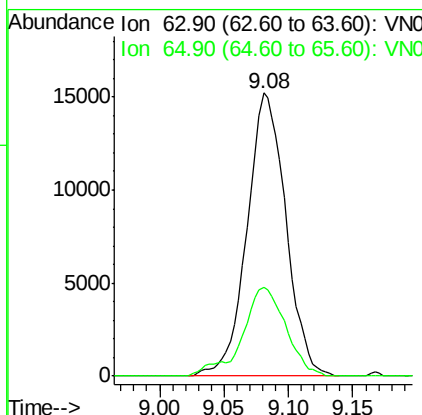
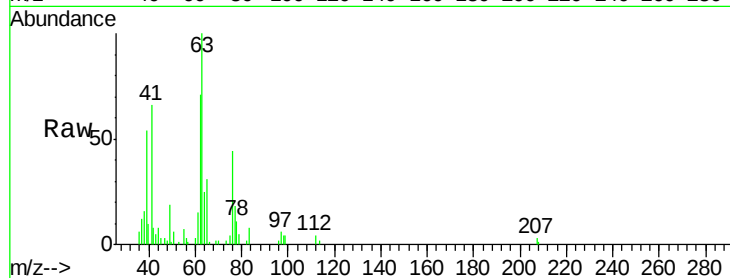




#45
 1,2-Dichloropropane
 Concen: 5.159 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

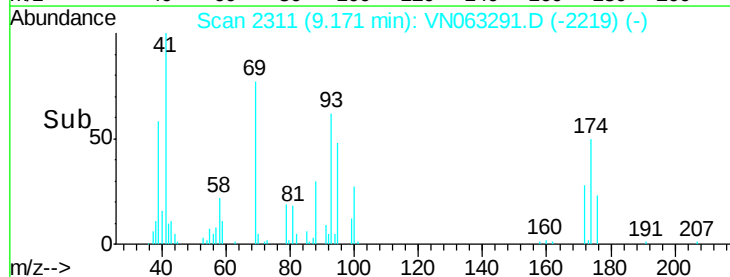
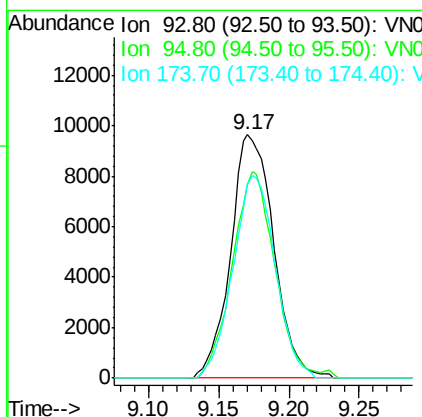
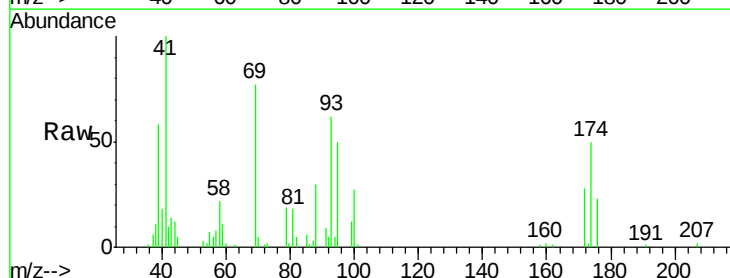
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

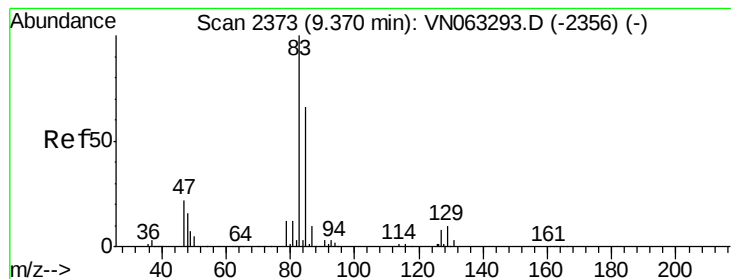
Tgt Ion: 63 Resp: 31919
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 5.088 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 93 Resp: 20616
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.9 101.9
 174 81.8 66.9 100.3





#47

Bromodichloromethane

Concen: 4.785 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

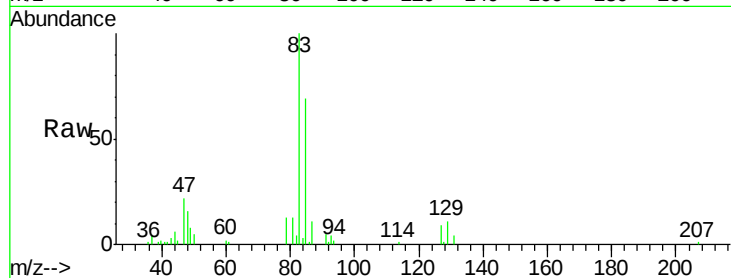
Tgt Ion: 83 Resp: 41492

Ion Ratio Lower Upper

83 100

85 69.1 52.5 78.7

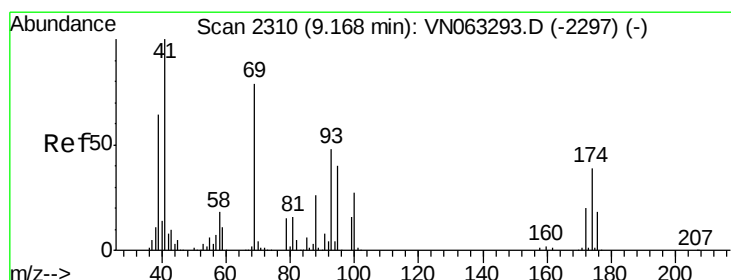
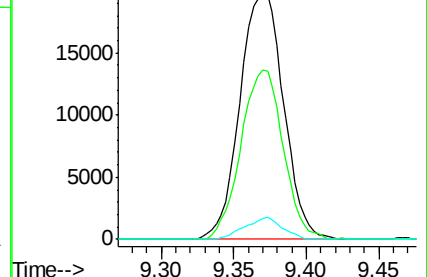
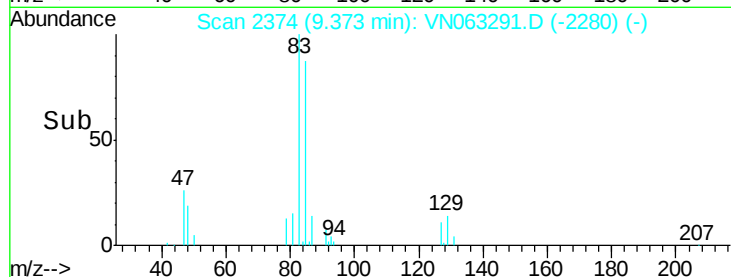
127 9.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063291.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063291.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063291.D (-2280) (-)



#48

Methyl methacrylate

Concen: 5.472 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

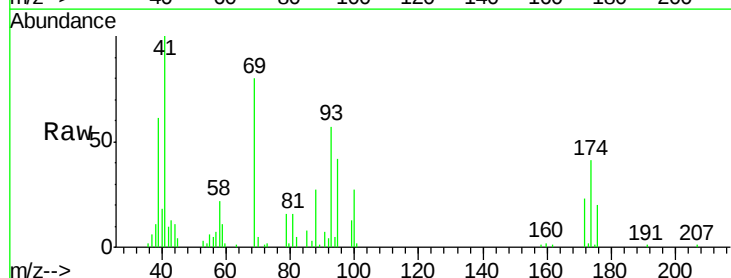
Tgt Ion: 41 Resp: 32036

Ion Ratio Lower Upper

41 100

69 78.3 63.6 95.4

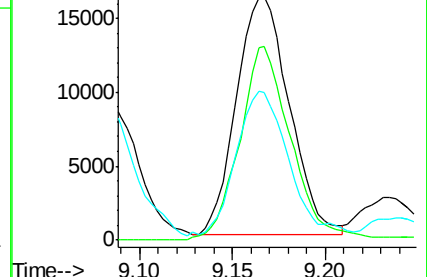
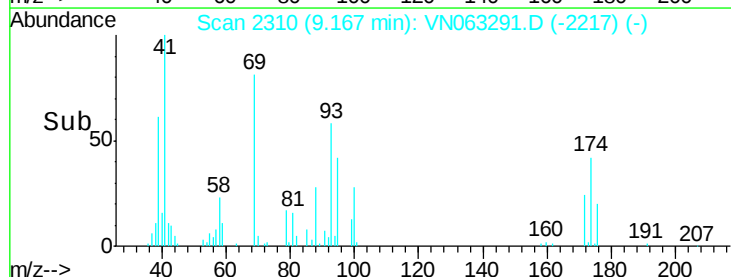
39 61.2 53.2 79.8

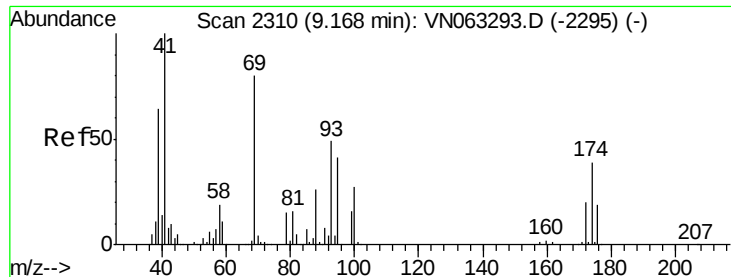


Abundance Ion 41.00 (40.70 to 41.70): VN063291.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063291.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063291.D (-2217) (-)

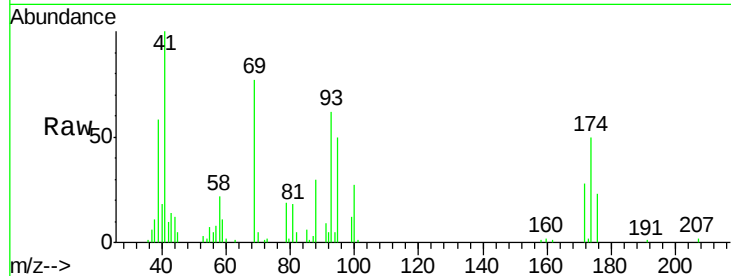




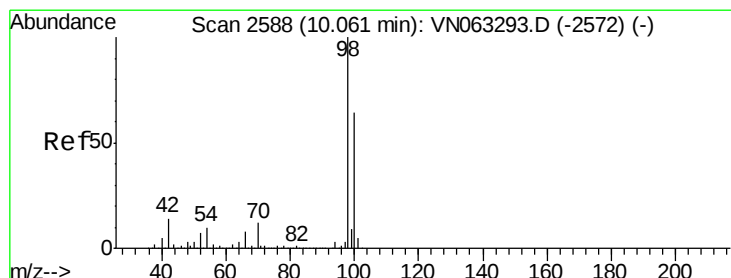
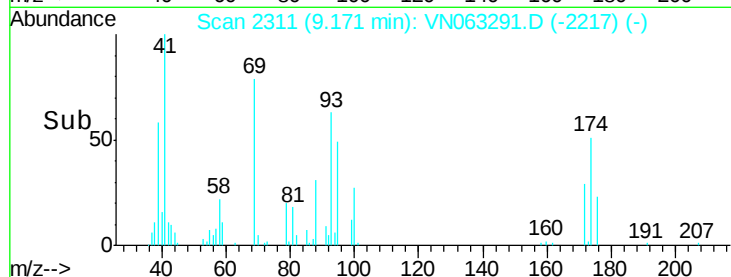
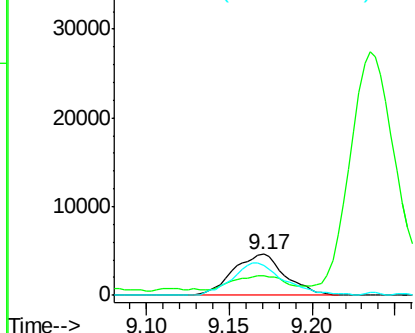
#49
1,4-Dioxane
Concen: 111.350 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 10029
Ion Ratio Lower Upper
88 100
43 32.8 30.5 45.7
58 78.1 58.9 88.3

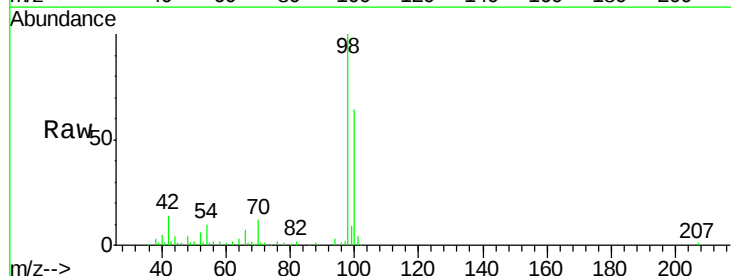


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

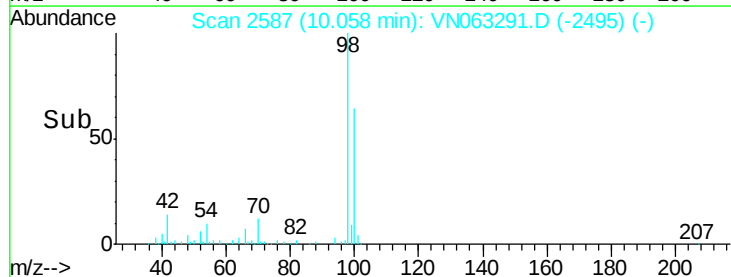
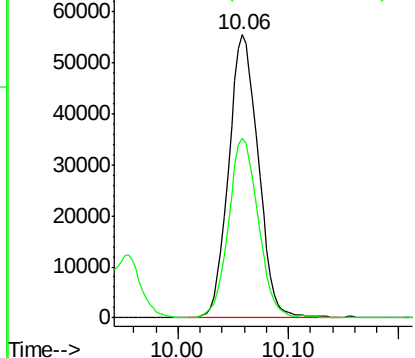


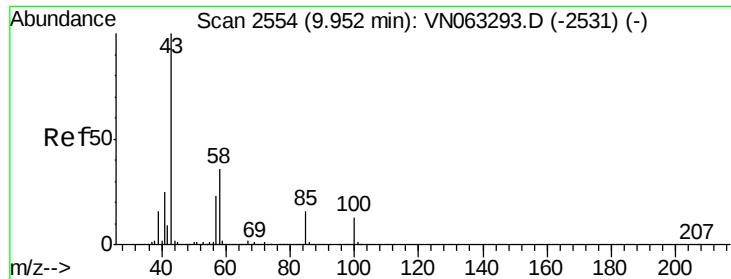
#50
Toluene-d8
Concen: 5.119 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 98 Resp: 103460
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

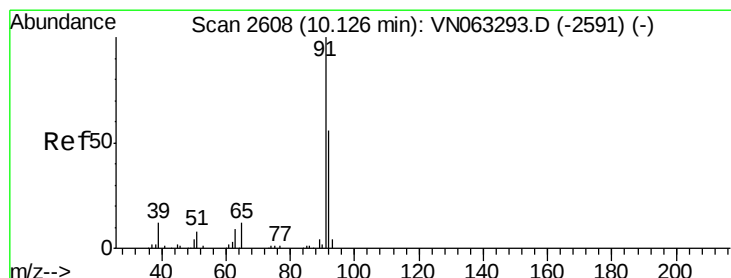
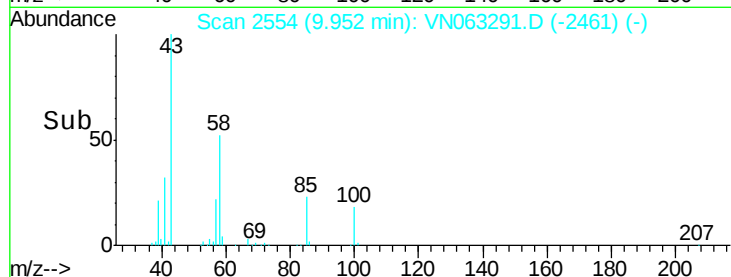
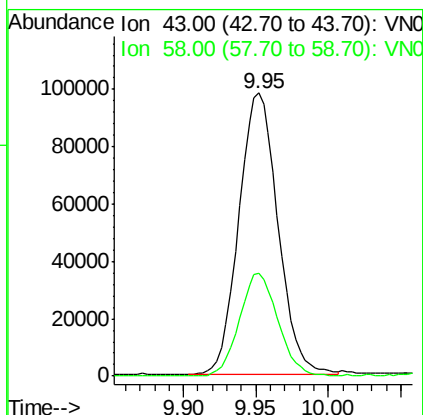
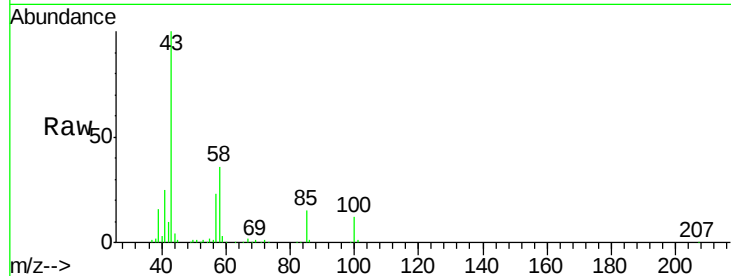




#51
 4-Methyl-2-Pentanone
 Concen: 26.218 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

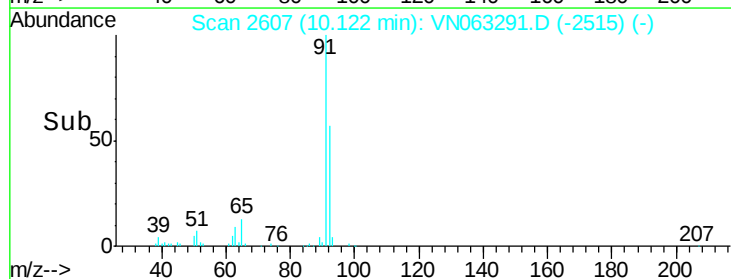
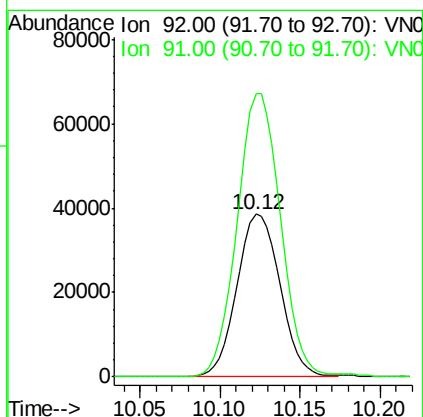
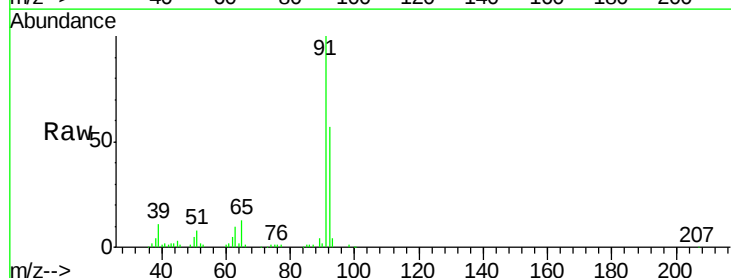
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

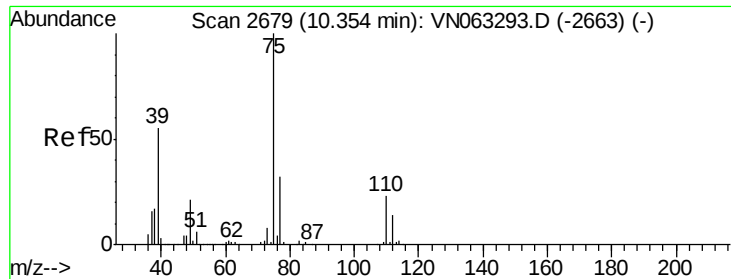
Tgt Ion: 43 Resp: 184386
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.4



#52
 Toluene
 Concen: 4.951 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 92 Resp: 71162
 Ion Ratio Lower Upper
 92 100
 91 175.7 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 4.644 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

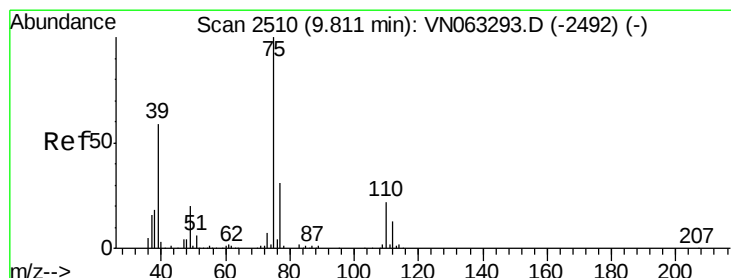
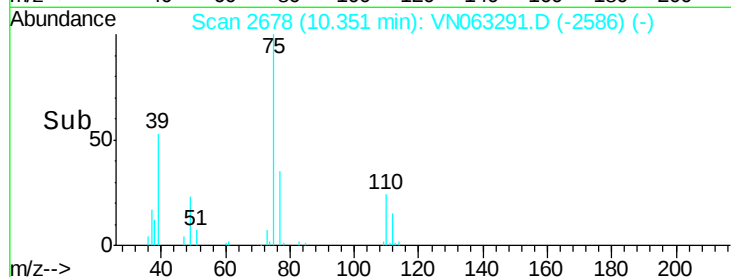
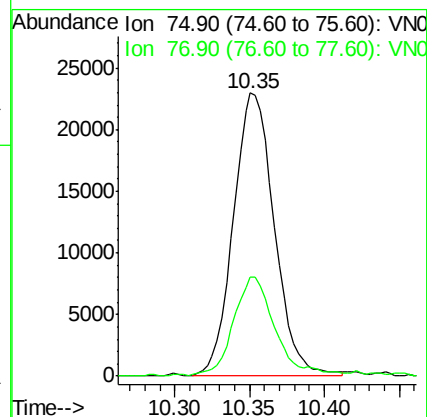
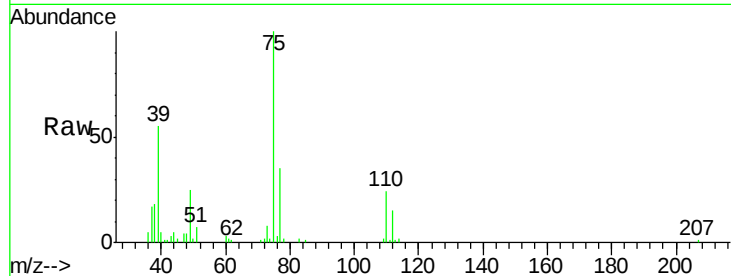
VSTDIC005

Tgt Ion: 75 Resp: 43866

Ion Ratio Lower Upper

75 100

77 34.0 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 5.005 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

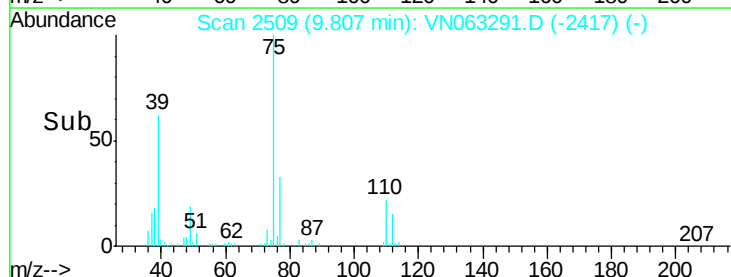
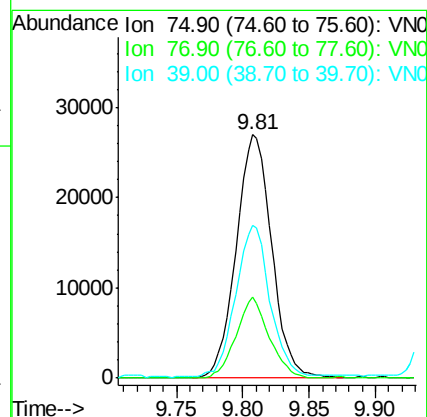
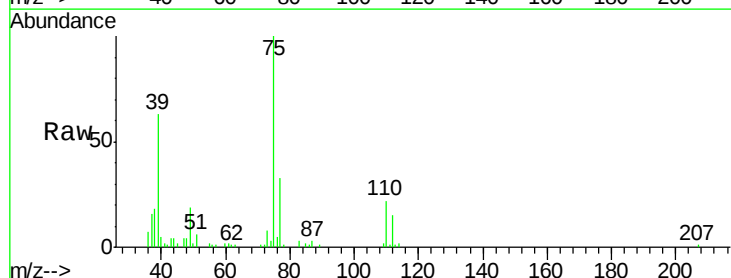
Tgt Ion: 75 Resp: 50164

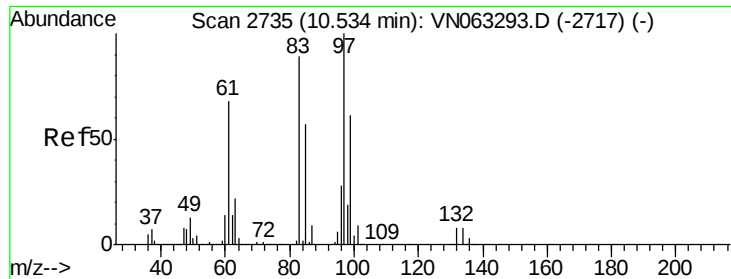
Ion Ratio Lower Upper

75 100

77 33.2 24.7 37.1

39 61.9 47.2 70.8

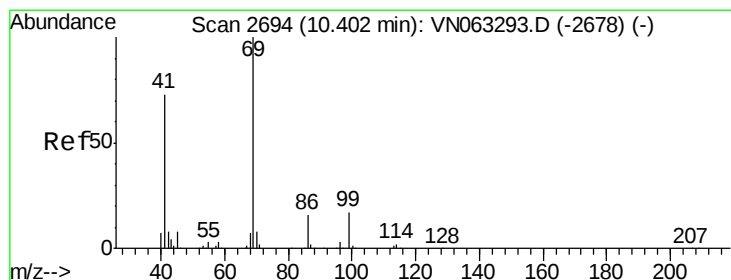
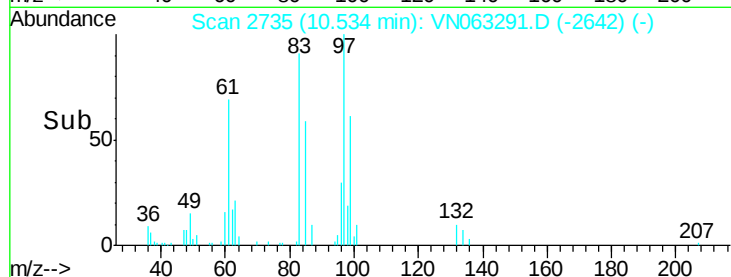
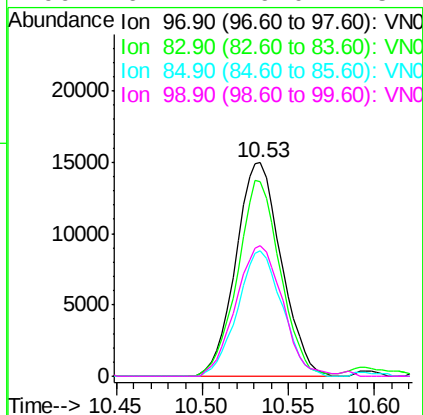
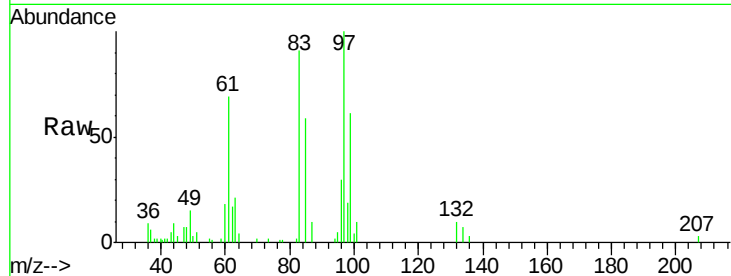




#55
 1,1,2-Trichloroethane
 Concen: 4.962 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

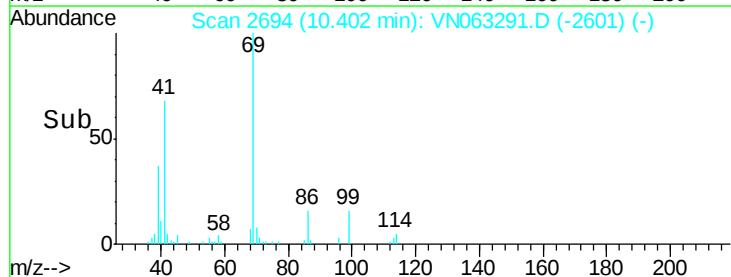
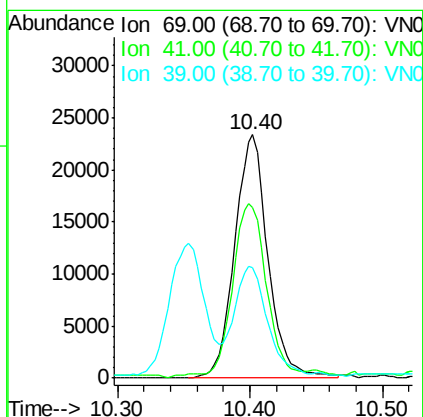
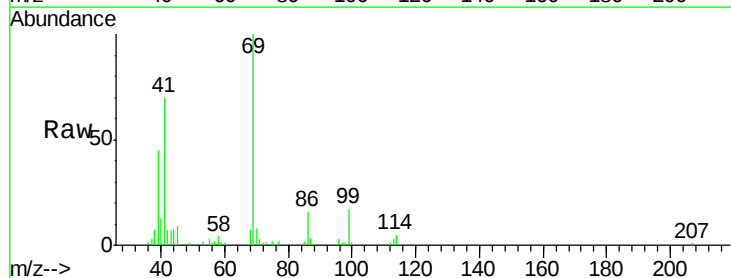
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

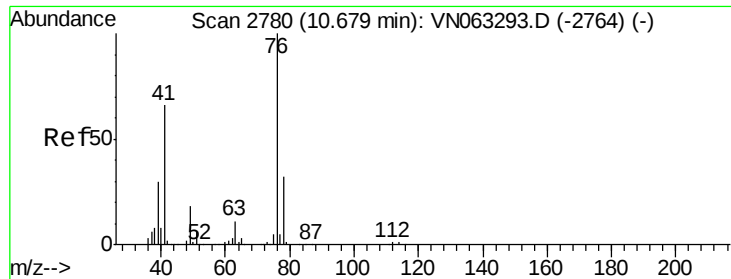
Tgt Ion: 97 Resp: 27383
 Ion Ratio Lower Upper
 97 100
 83 91.0 70.8 106.2
 85 58.7 45.6 68.4
 99 61.4 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 4.832 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 69 Resp: 40661
 Ion Ratio Lower Upper
 69 100
 41 74.8 58.4 87.6
 39 44.2 38.6 58.0

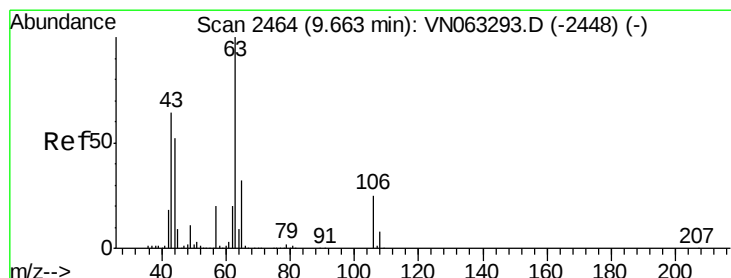
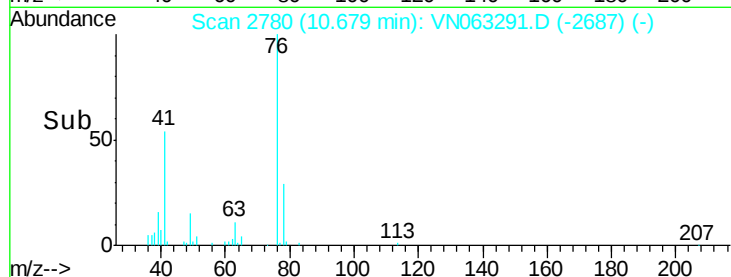
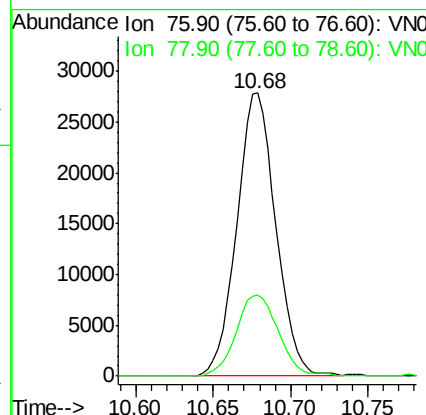
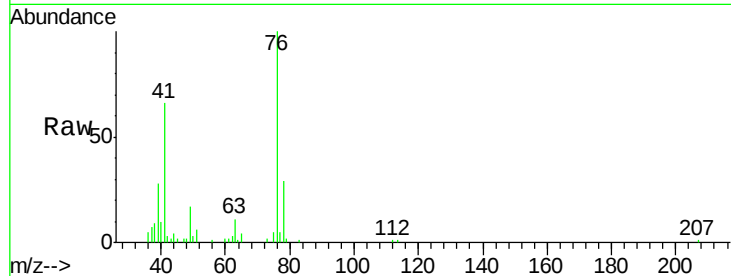




#57
 1,3-Dichloropropane
 Concen: 4.962 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

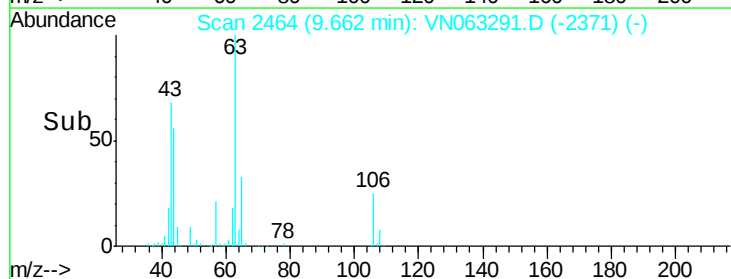
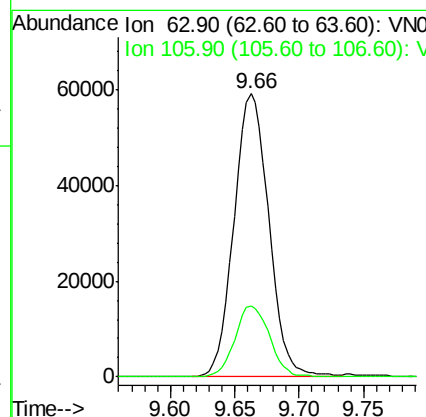
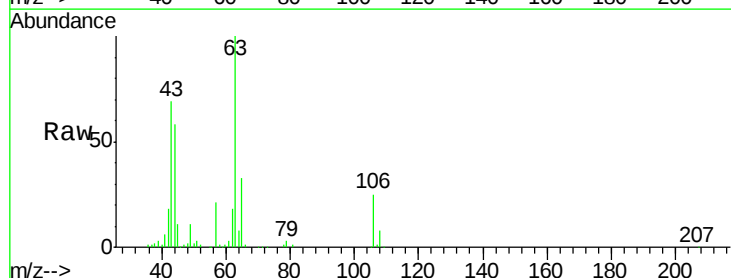
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

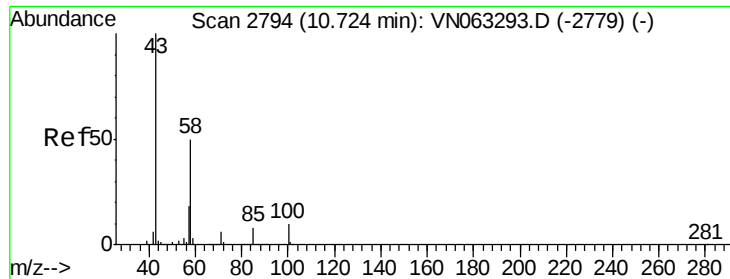
Tgt Ion: 76 Resp: 48630
 Ion Ratio Lower Upper
 76 100
 78 30.7 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.742 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 63 Resp: 111422
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.2 30.4

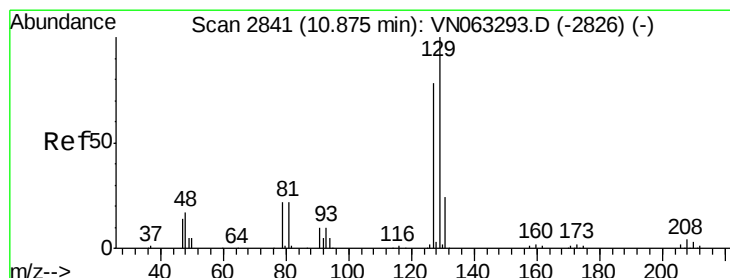
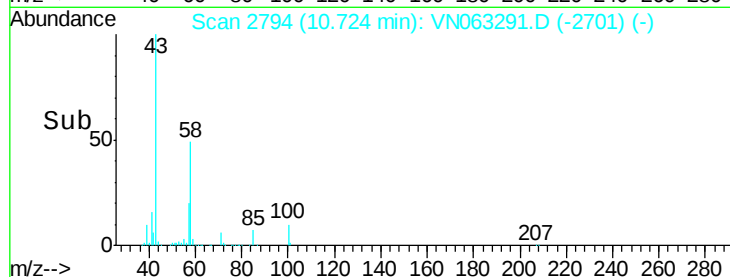
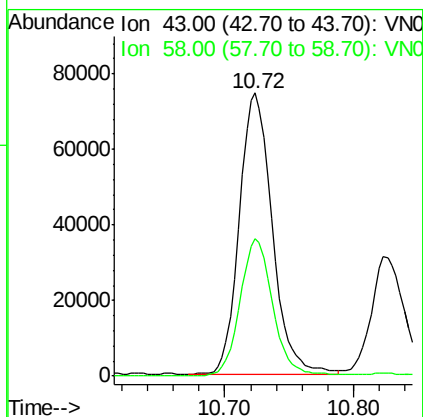
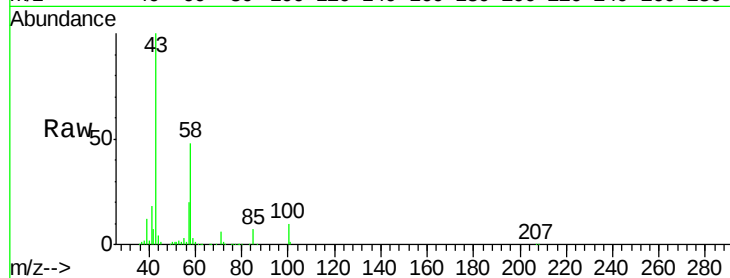




#59
2-Hexanone
Concen: 26.680 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

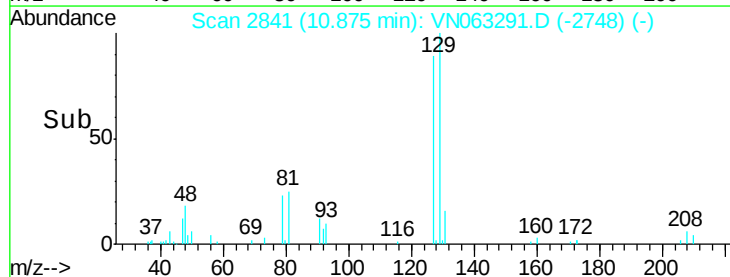
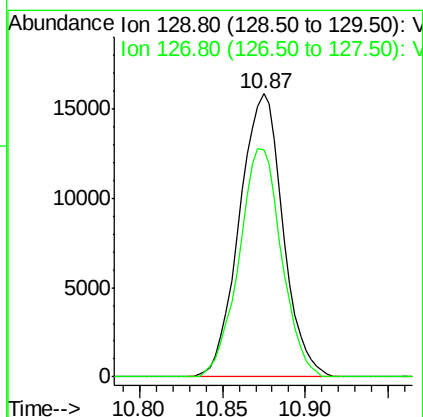
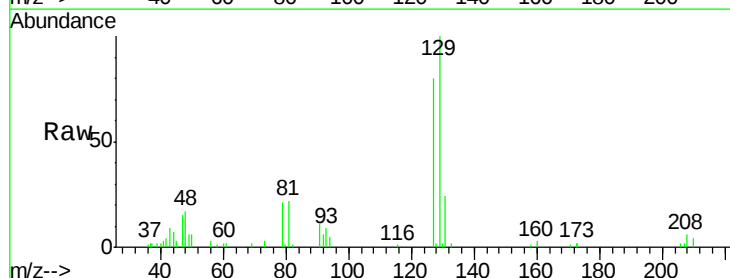
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

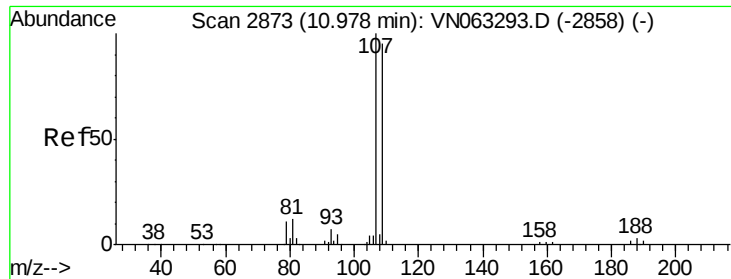
Tgt Ion: 43 Resp: 132378
Ion Ratio Lower Upper
43 100
58 48.8 25.1 75.3



#60
Dibromochloromethane
Concen: 4.754 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 129 Resp: 28994
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

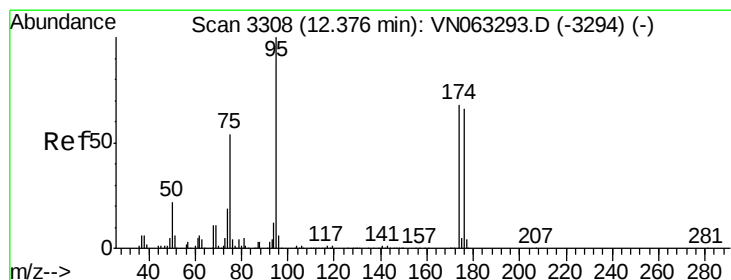
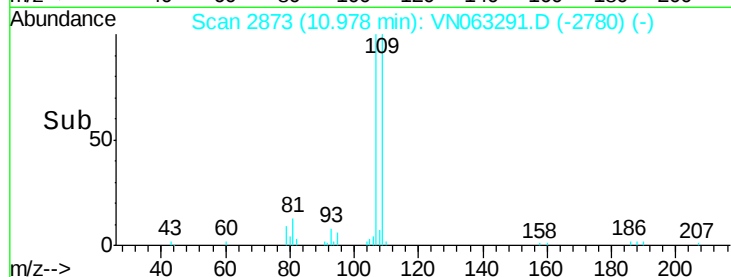
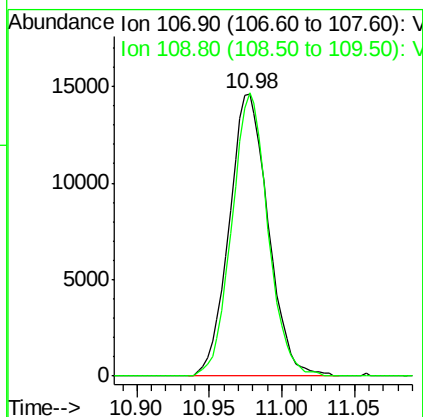
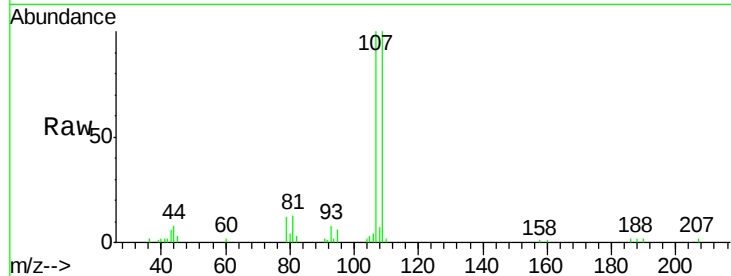




#61
 1,2-Dibromoethane
 Concen: 4.800 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

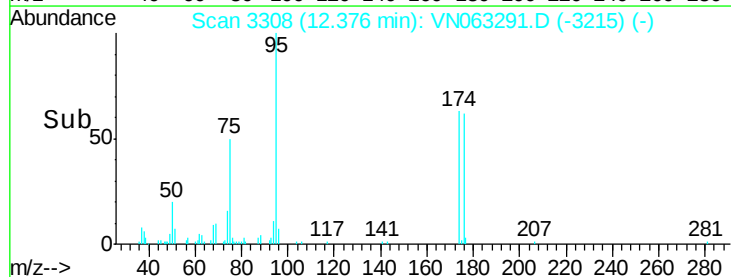
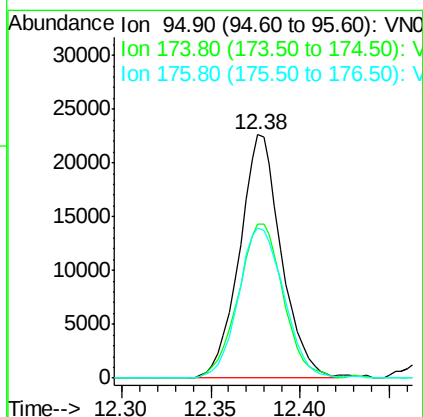
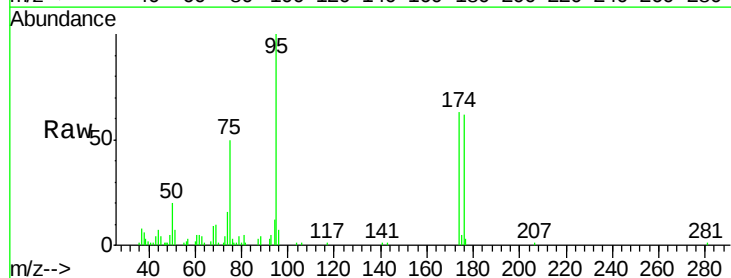
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

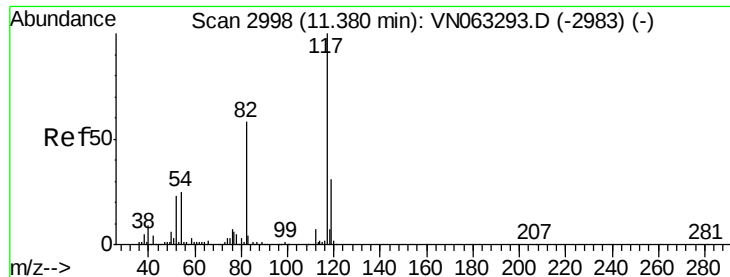
Tgt Ion: 107 Resp: 27410
 Ion Ratio Lower Upper
 107 100
 109 92.4 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 5.206 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion: 95 Resp: 37066
 Ion Ratio Lower Upper
 95 100
 174 68.0 0.0 136.6
 176 67.1 0.0 132.8

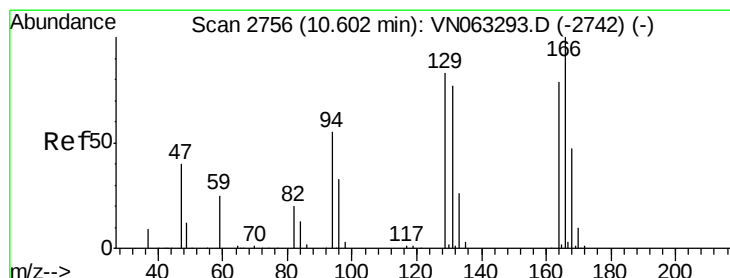
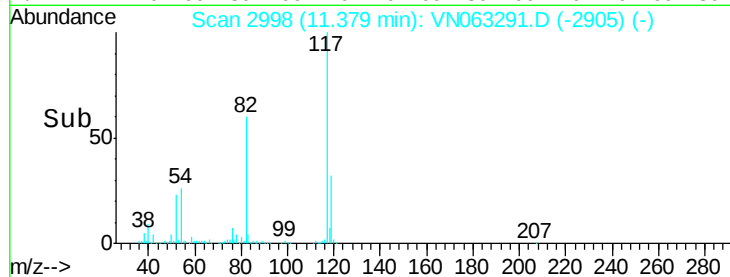
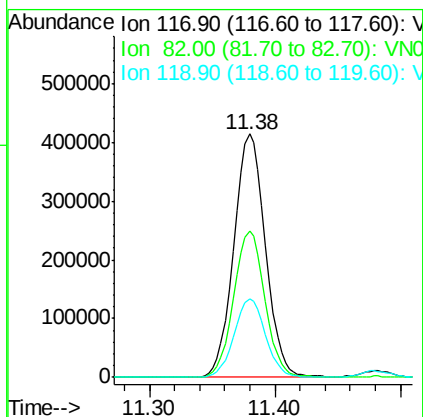
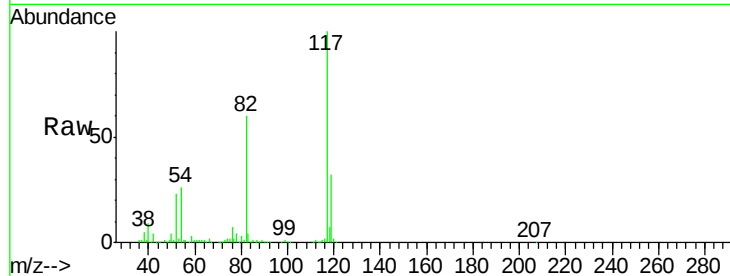




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

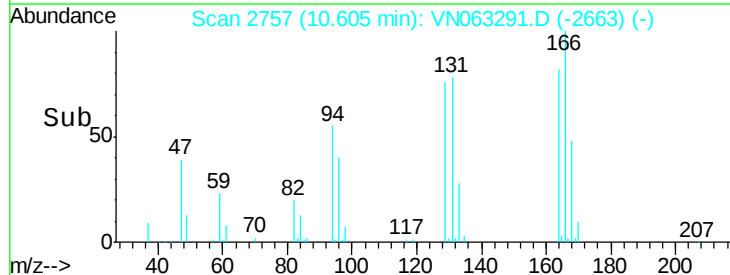
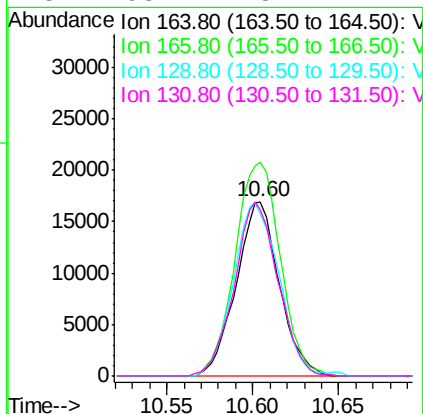
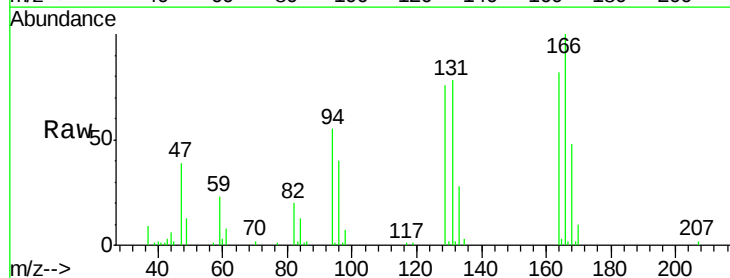
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

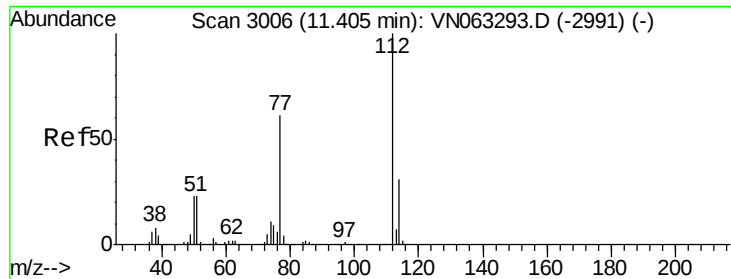
Tgt Ion:117 Resp: 723224
Ion Ratio Lower Upper
117 100
82 60.2 46.4 69.6
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 5.536 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:164 Resp: 29374
Ion Ratio Lower Upper
164 100
166 122.4 101.3 151.9
129 93.0 83.7 125.5
131 95.4 78.2 117.4

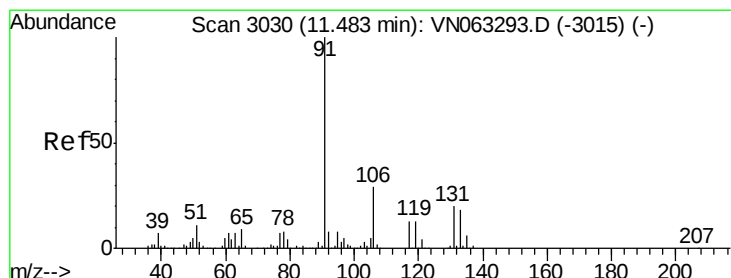
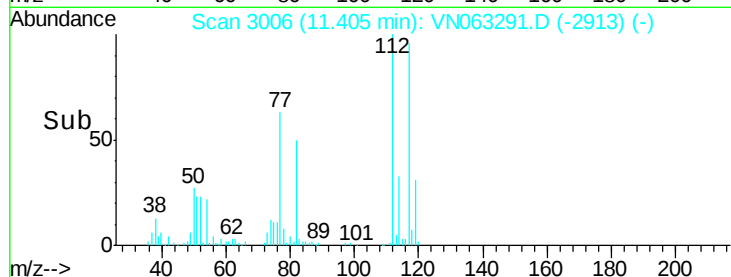
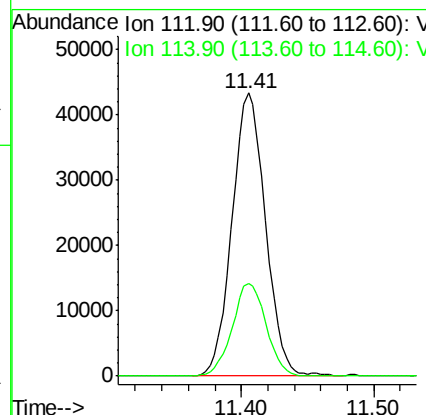
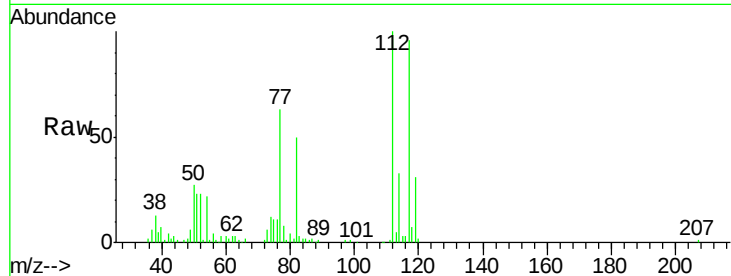




#65
Chlorobenzene
Concen: 5.223 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

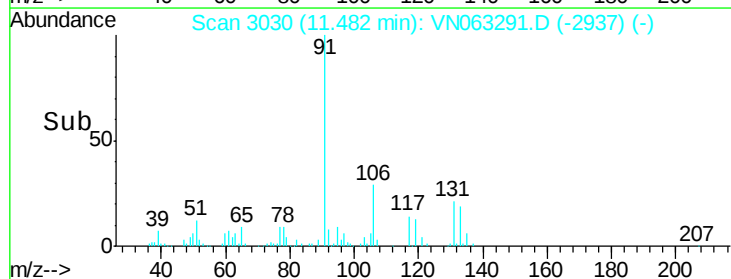
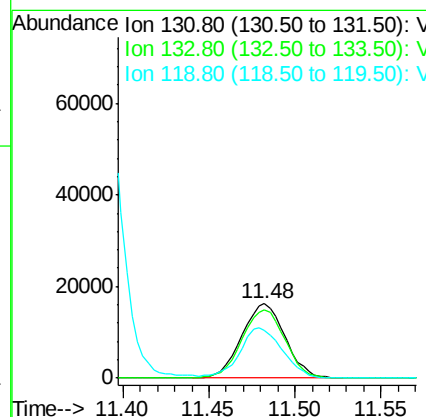
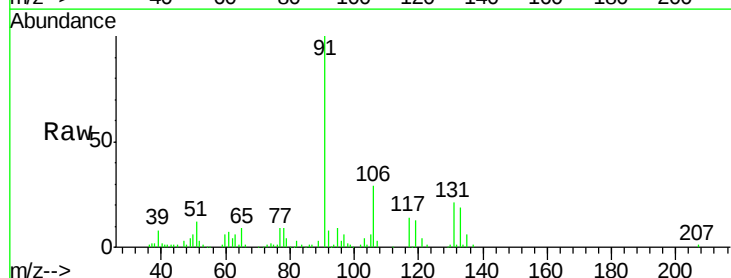
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

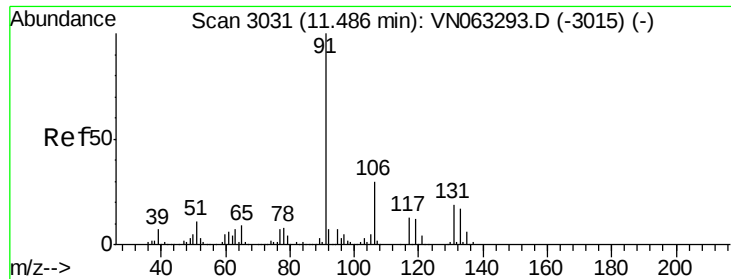
Tgt Ion:112 Resp: 75961
Ion Ratio Lower Upper
112 100
114 32.8 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.309 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:131 Resp: 28502
Ion Ratio Lower Upper
131 100
133 91.5 47.4 142.2
119 64.6 33.8 101.3

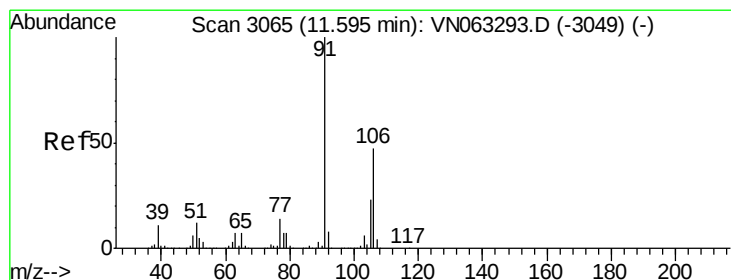
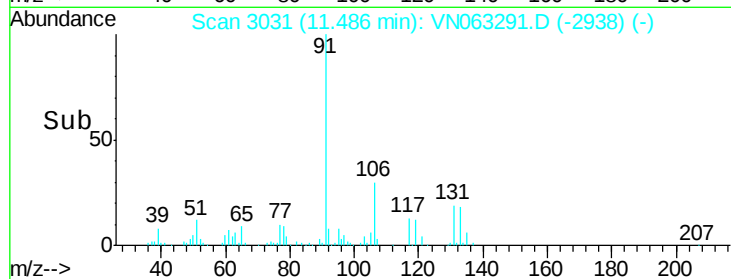
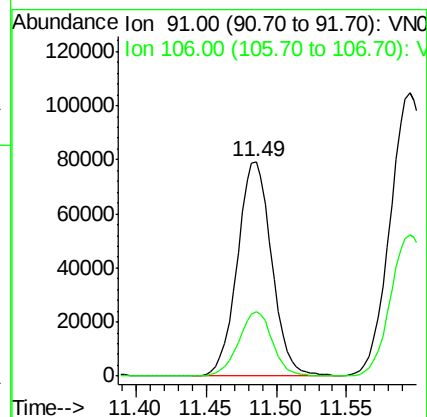
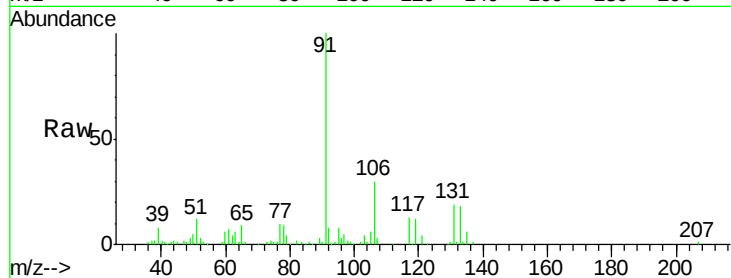




#67
Ethyl Benzene
Concen: 5.115 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

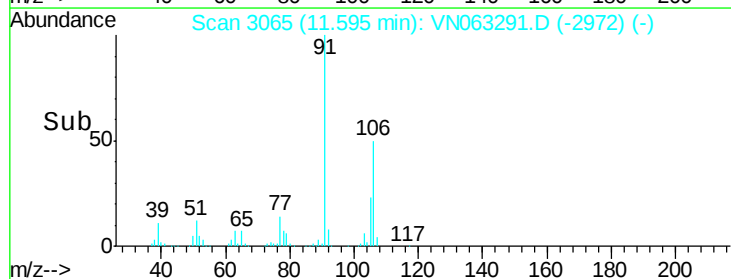
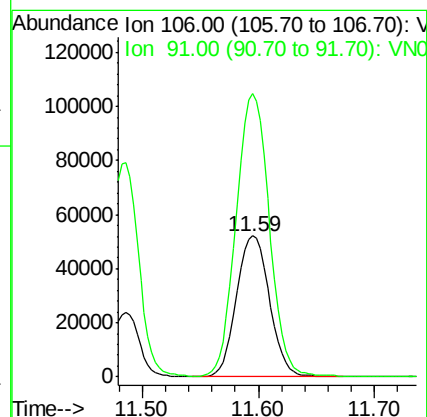
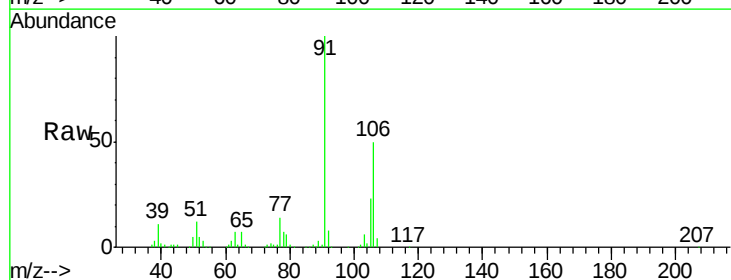
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

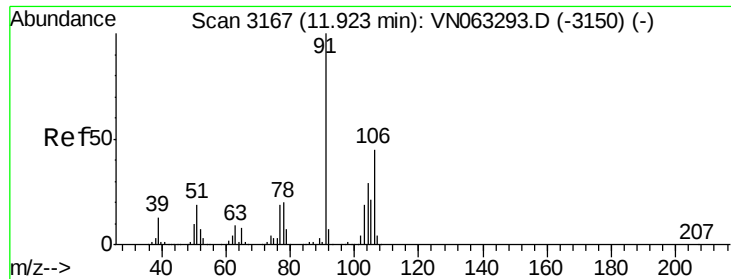
Tgt Ion: 91 Resp: 135601
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 10.536 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 106 Resp: 103102
Ion Ratio Lower Upper
106 100
91 200.0 169.8 254.8

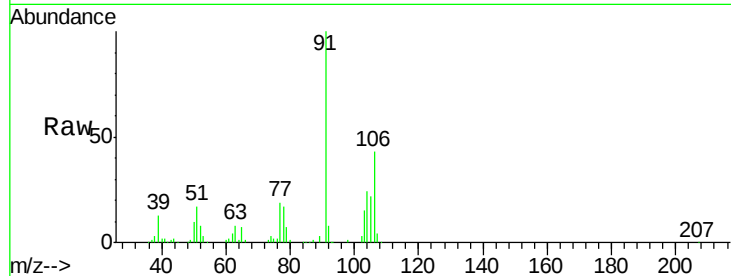




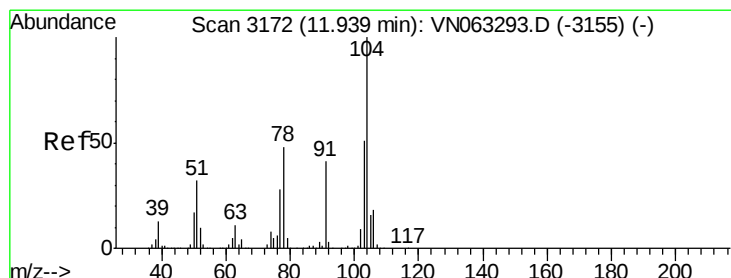
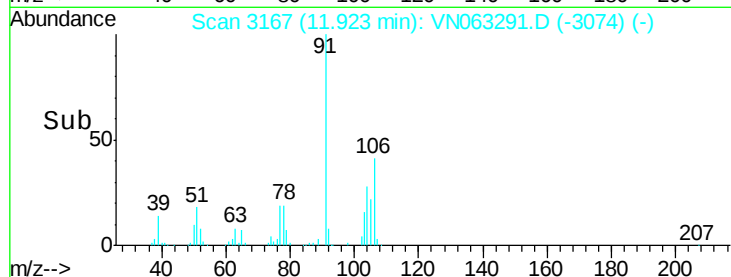
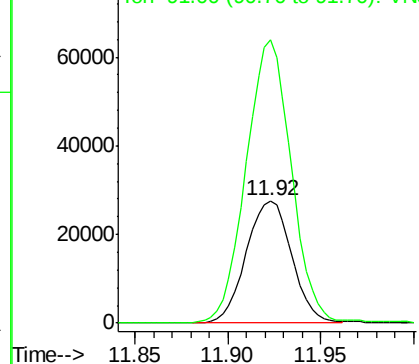
#69
o-Xylene
Concen: 4.971 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 47007
Ion Ratio Lower Upper
106 100
91 229.9 111.5 334.4

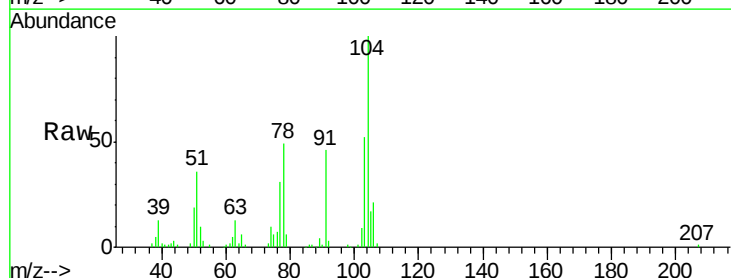


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

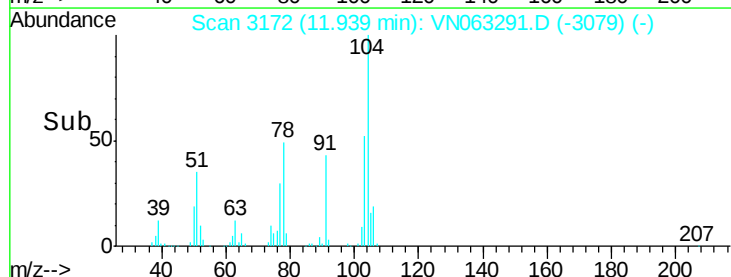
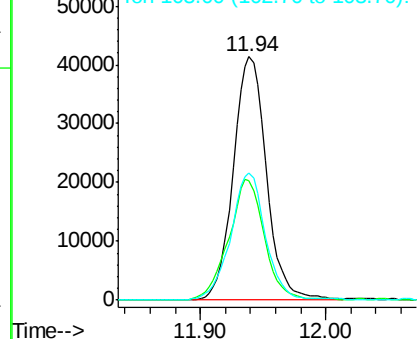


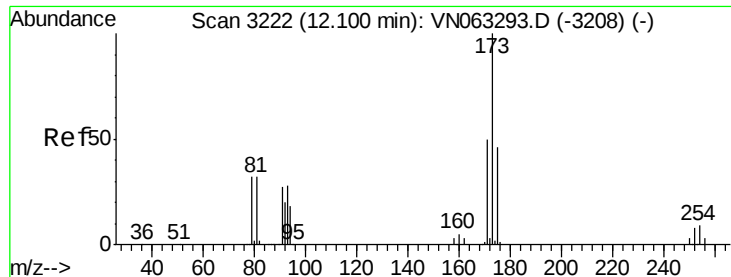
#70
Styrene
Concen: 4.692 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:104 Resp: 76007
Ion Ratio Lower Upper
104 100
78 53.4 42.9 64.3
103 54.5 44.2 66.2



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





#71

Bromoform

Concen: 4.660 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

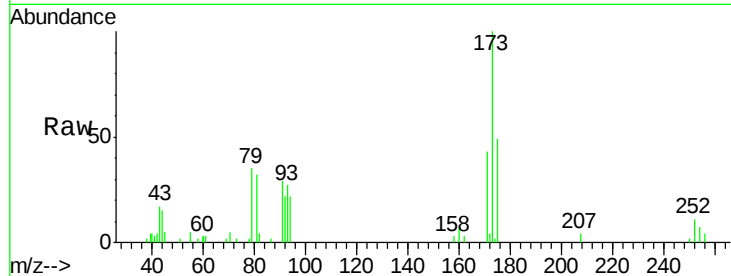
Tgt Ion:173 Resp: 17083

Ion Ratio Lower Upper

173 100

175 50.2 23.8 71.5

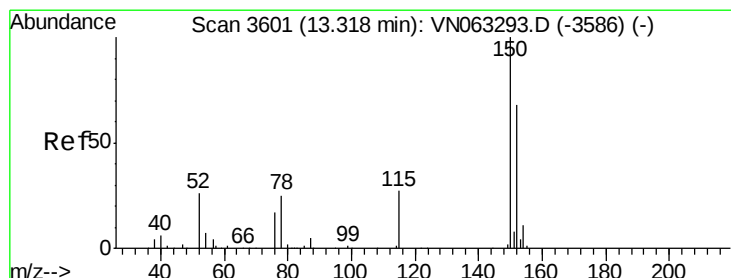
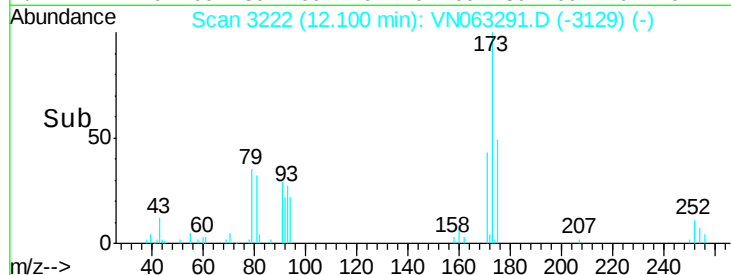
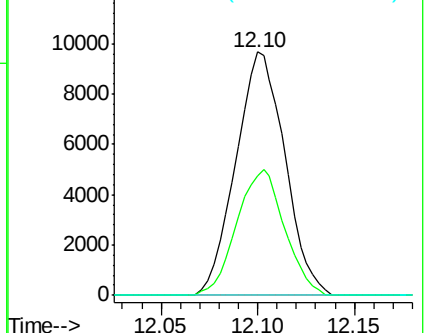
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

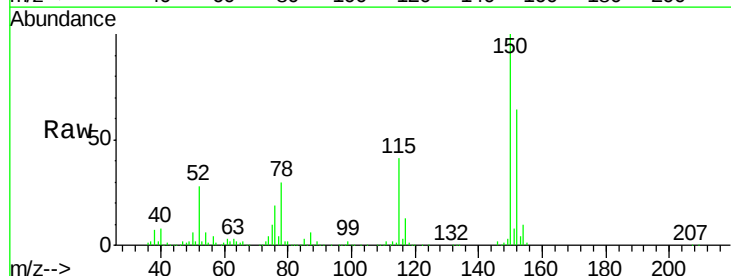
Tgt Ion:152 Resp: 317752

Ion Ratio Lower Upper

152 100

115 63.2 31.5 94.5

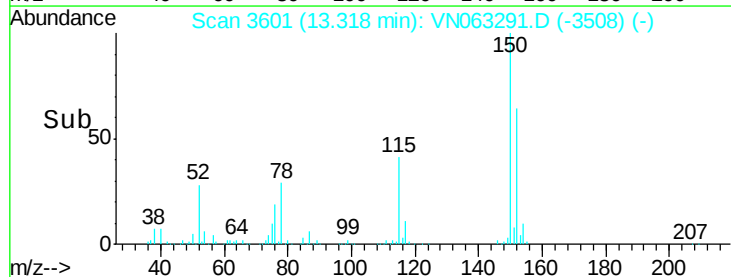
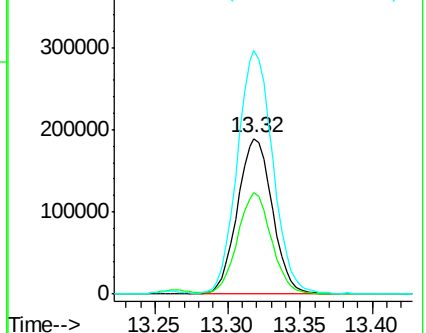
150 156.8 0.0 344.0

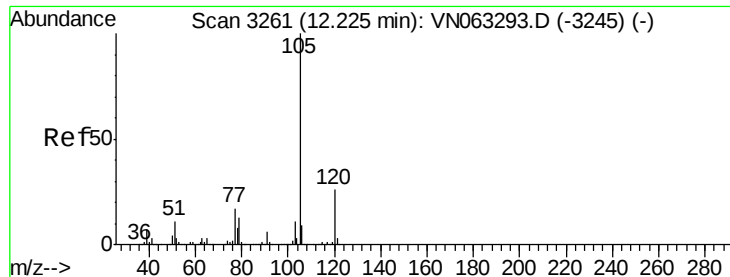


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.394 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

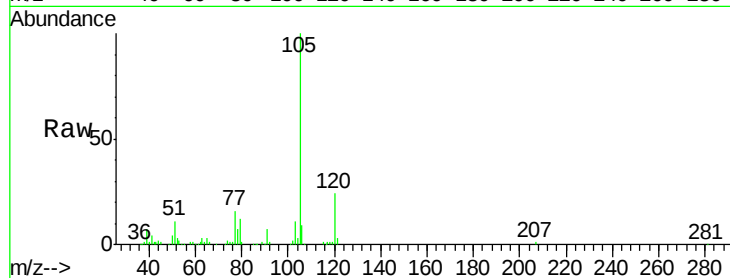
VSTDIC005

Tgt Ion: 105 Resp: 130360

Ion Ratio Lower Upper

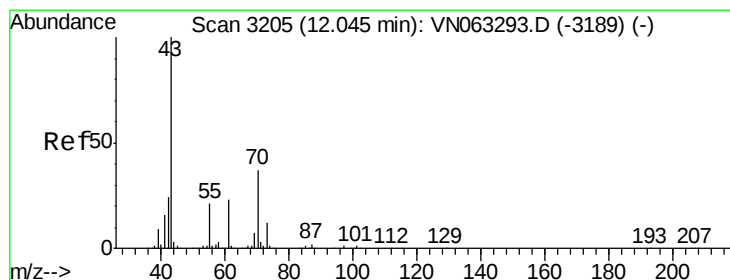
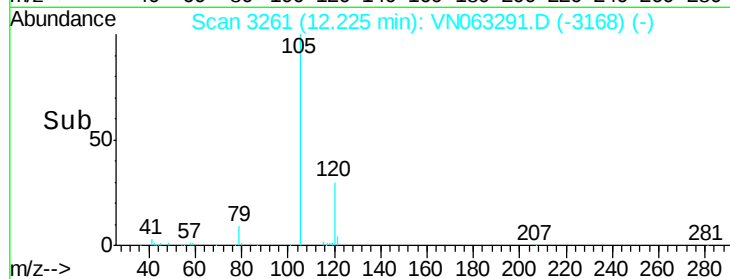
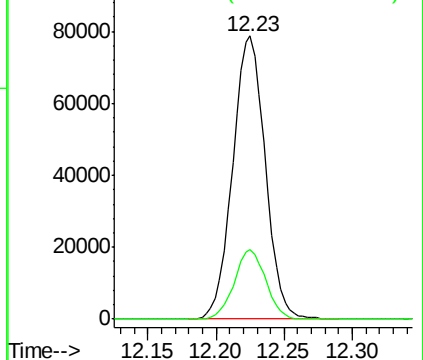
105 100

120 23.7 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.708 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Tgt Ion: 43 Resp: 47547

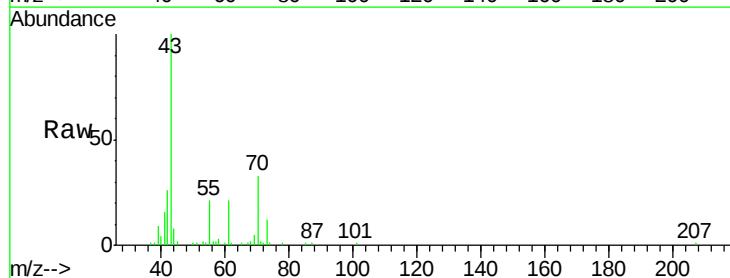
Ion Ratio Lower Upper

43 100

70 33.3 29.3 43.9

55 21.4 17.0 25.6

61 21.3 17.8 26.6

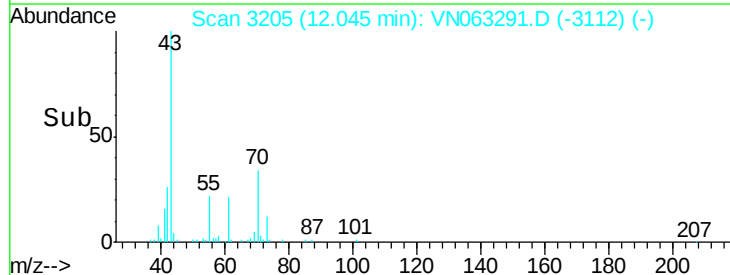
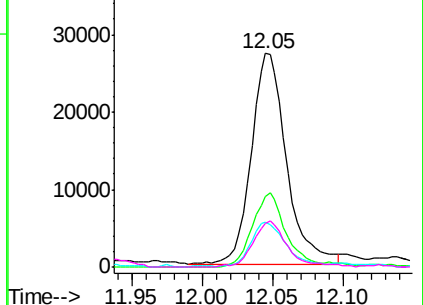


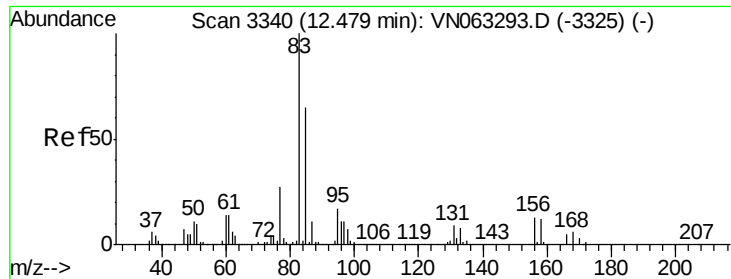
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.012 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

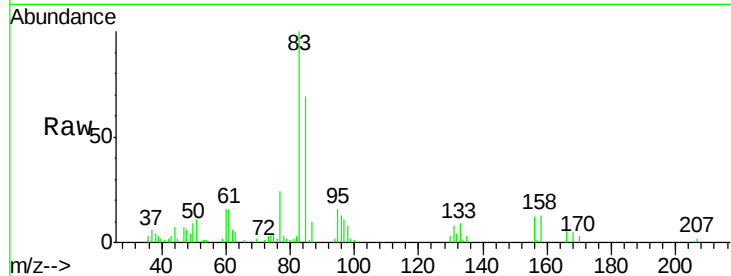
Tgt Ion: 83 Resp: 34806

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.1

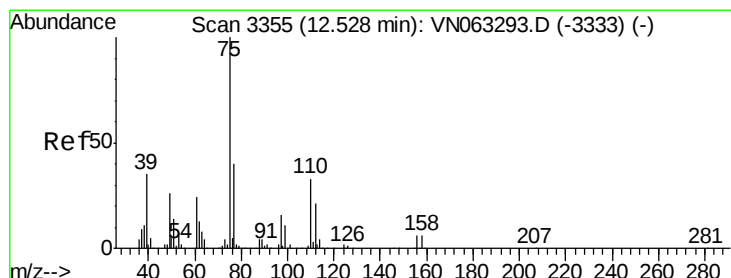
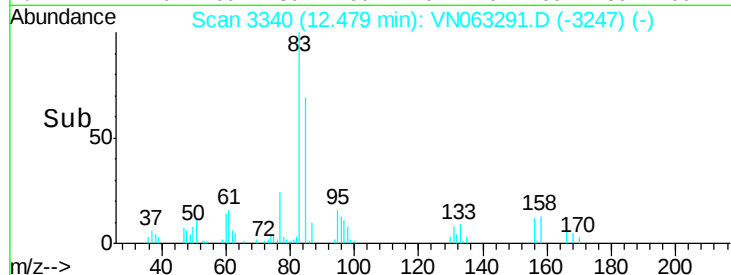
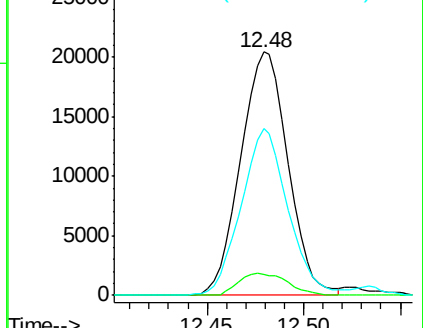
85 67.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.399 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063291.D

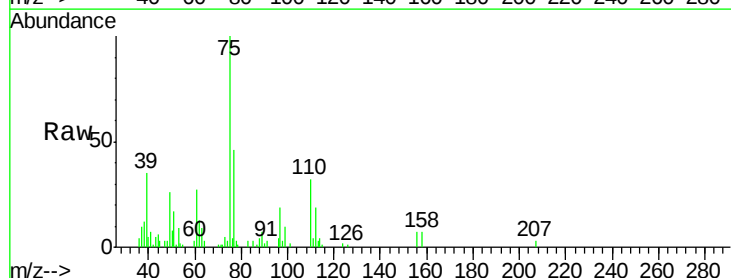
Acq: 10 Sep 2020 13:08

Tgt Ion: 75 Resp: 50281

Ion Ratio Lower Upper

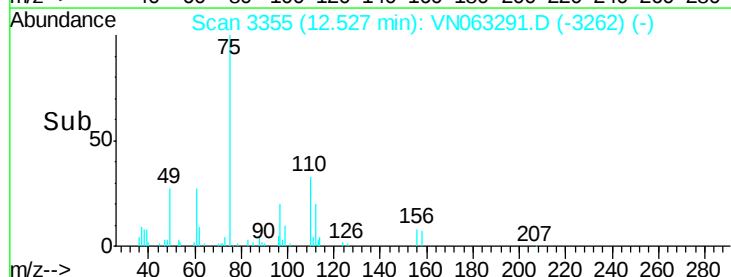
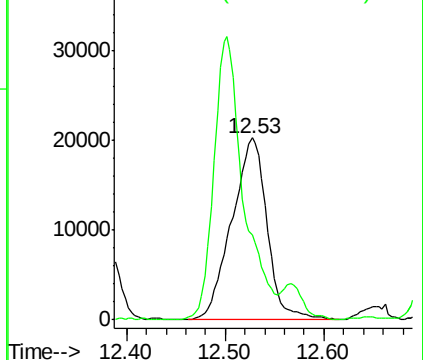
75 100

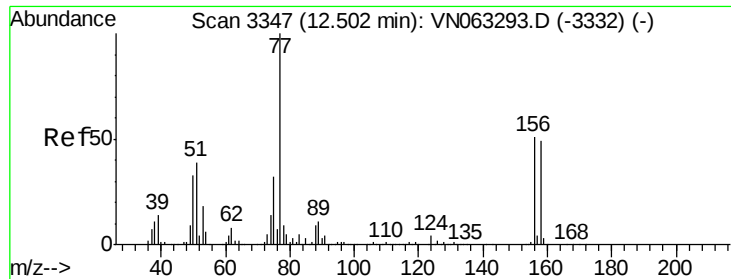
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.132 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

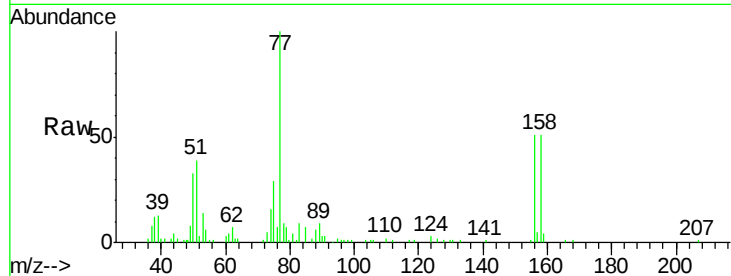
Tgt Ion:156 Resp: 28189

Ion Ratio Lower Upper

156 100

77 235.2 117.4 352.2

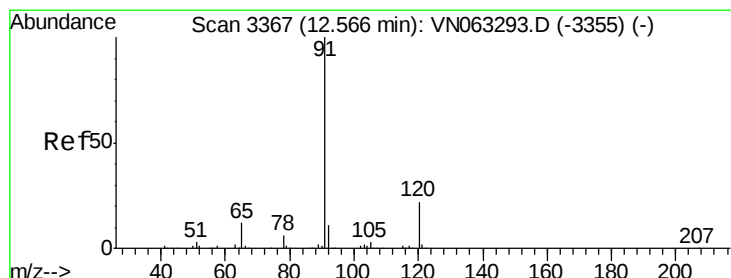
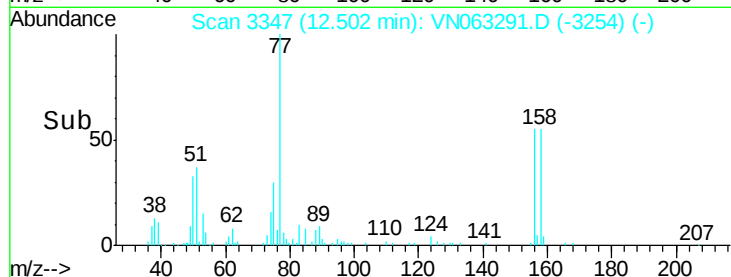
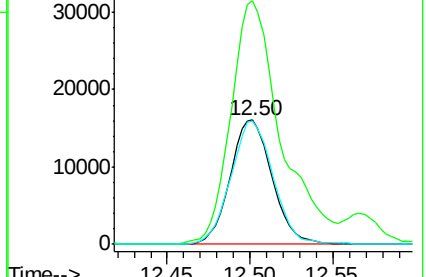
158 100.8 48.8 146.4



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: 5.145 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063291.D

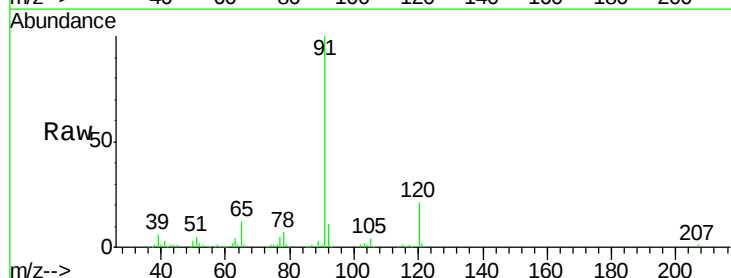
Acq: 10 Sep 2020 13:08

Tgt Ion: 91 Resp: 143854

Ion Ratio Lower Upper

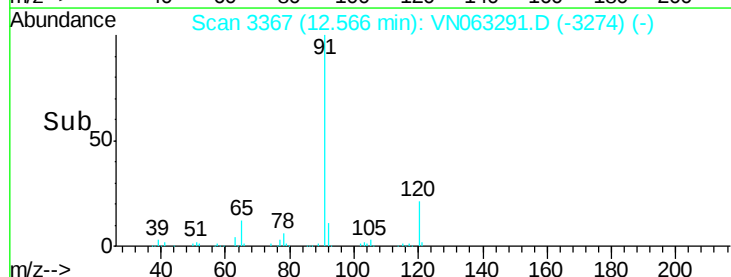
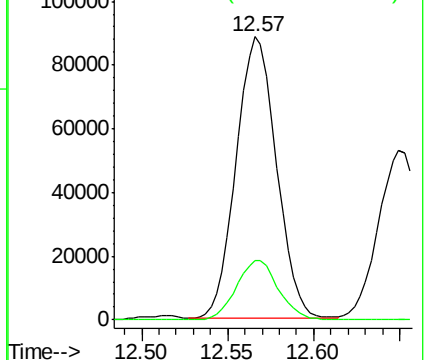
91 100

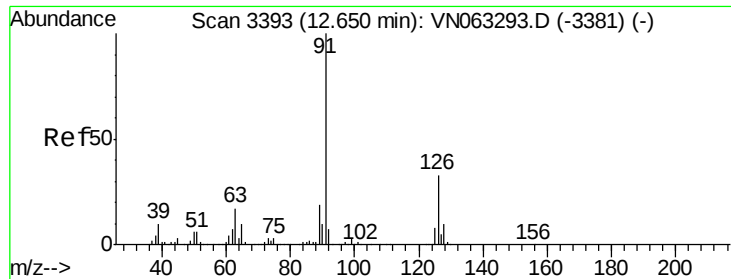
120 21.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.288 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

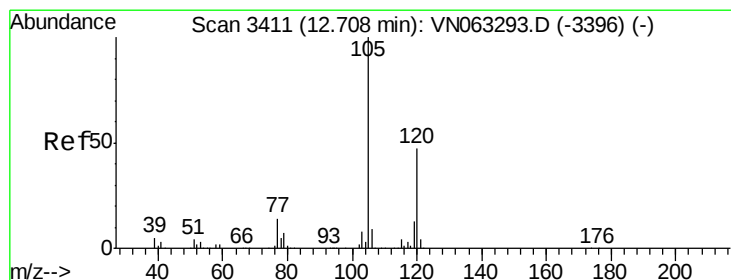
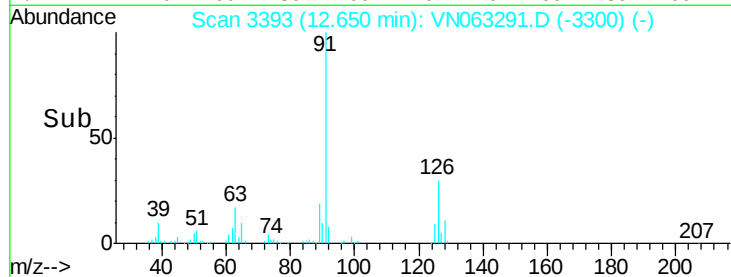
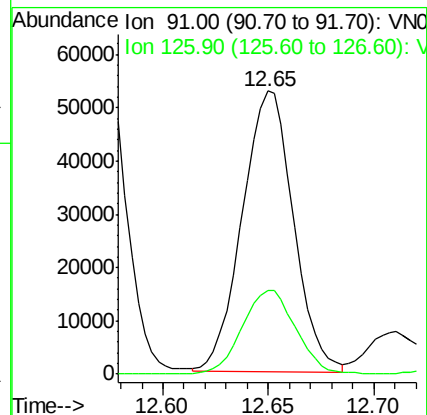
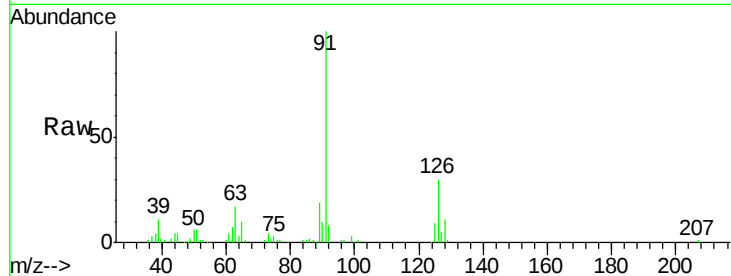
VSTDIC005

Tgt Ion: 91 Resp: 88805

Ion Ratio Lower Upper

91 100

126 31.3 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 5.098 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063291.D

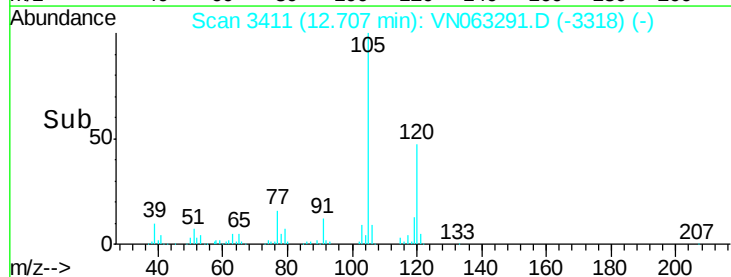
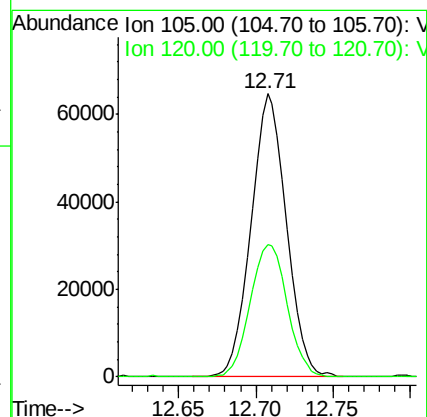
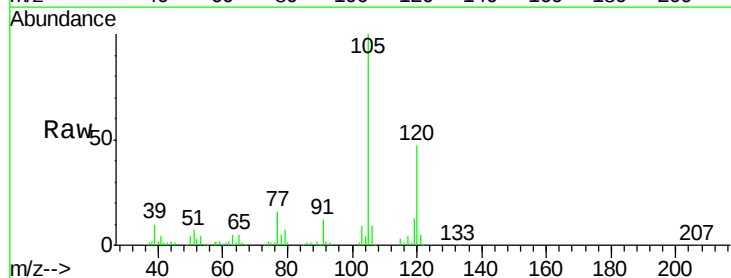
Acq: 10 Sep 2020 13:08

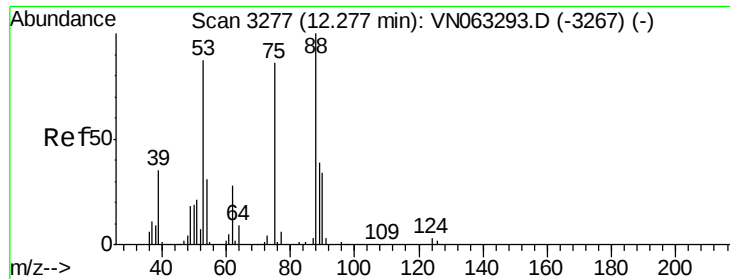
Tgt Ion: 105 Resp: 103000

Ion Ratio Lower Upper

105 100

120 49.1 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 4.693 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063291.D

Acq: 10 Sep 2020 13:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

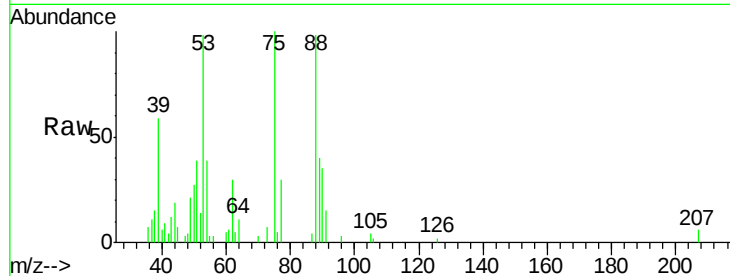
Tgt Ion: 75 Resp: 11993

Ion Ratio Lower Upper

75 100

53 103.5 81.8 122.8

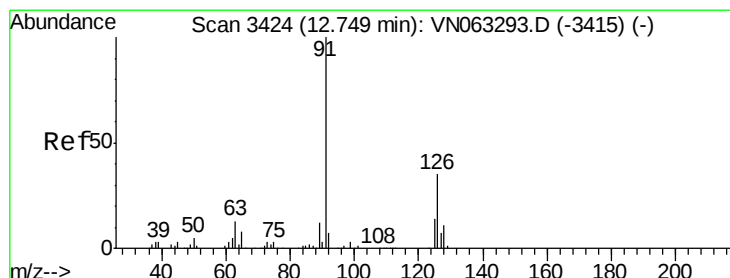
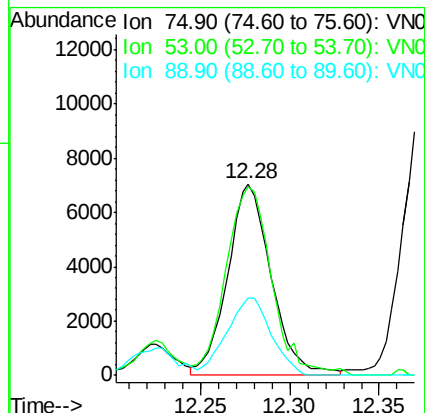
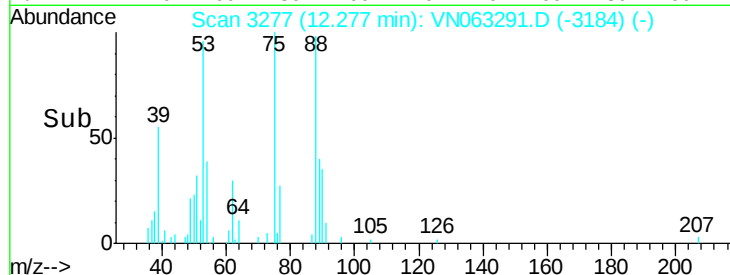
89 41.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN063291.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN063291.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN063291.D (-3267) (-)



#82

4-Chlorotoluene

Concen: 5.149 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063291.D

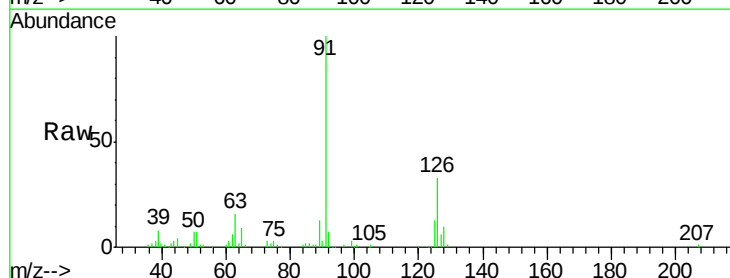
Acq: 10 Sep 2020 13:08

Tgt Ion: 91 Resp: 89583

Ion Ratio Lower Upper

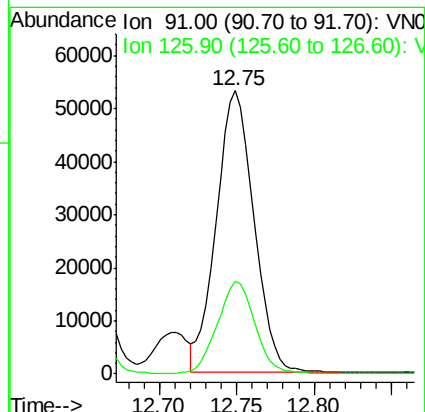
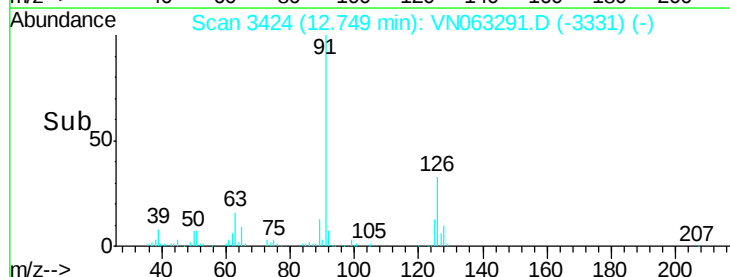
91 100

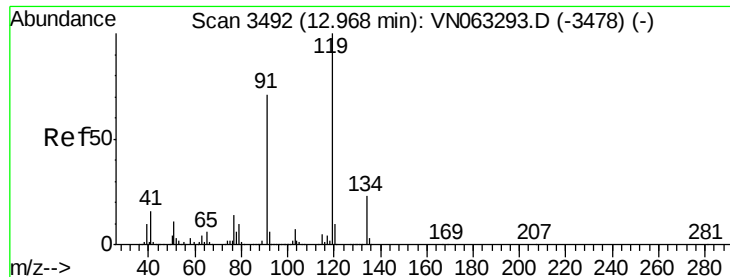
126 32.9 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063291.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063291.D (-3415) (-)

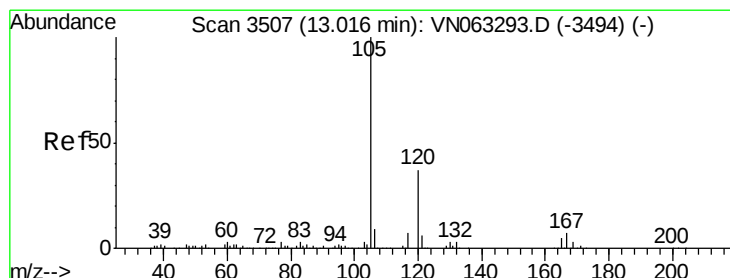
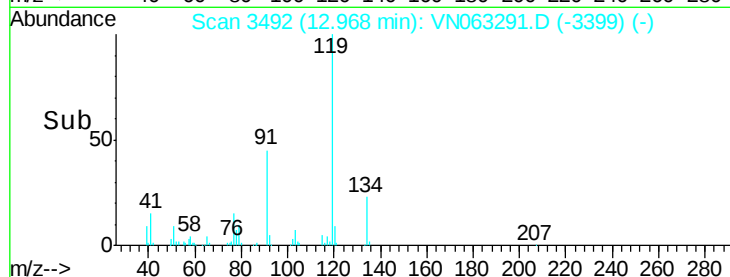
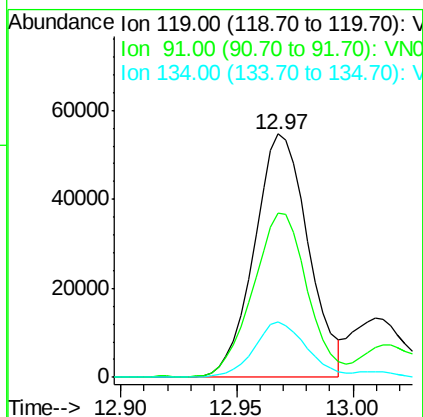
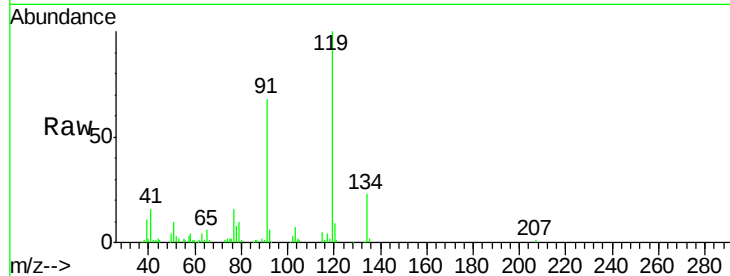




#83
tert-Butylbenzene
Concen: 5.130 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

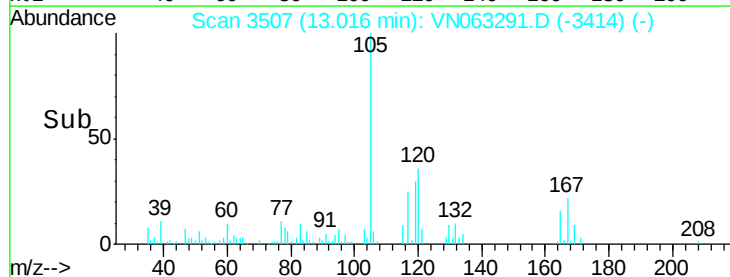
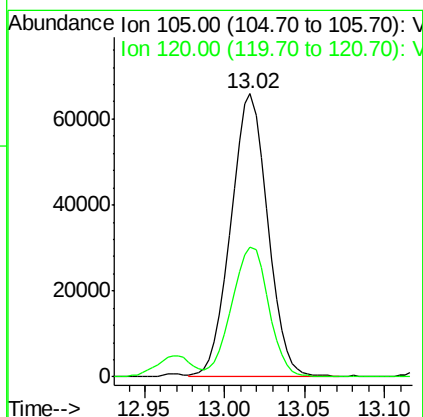
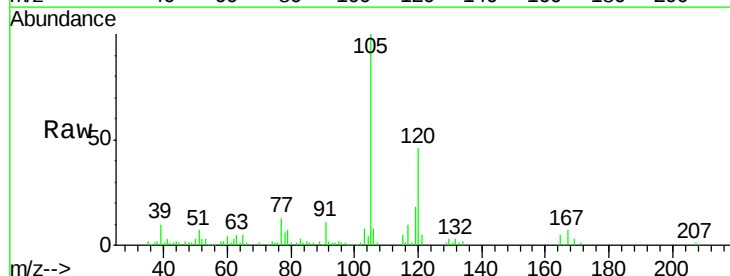
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

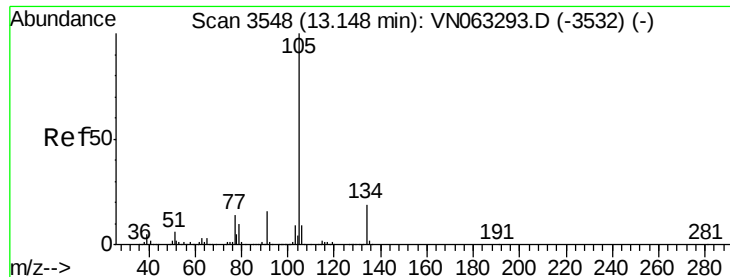
Tgt Ion:119 Resp: 88456
Ion Ratio Lower Upper
119 100
91 67.9 34.8 104.3
134 22.4 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 5.079 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. -0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:105 Resp: 103420
Ion Ratio Lower Upper
105 100
120 45.9 21.8 65.4

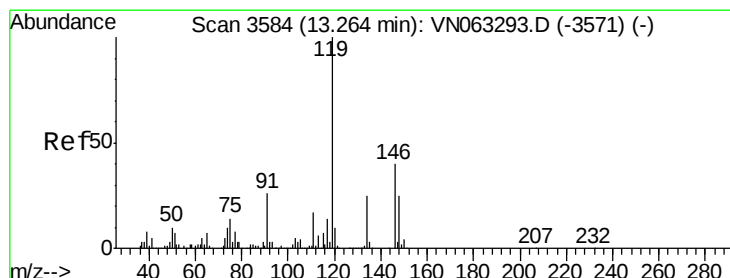
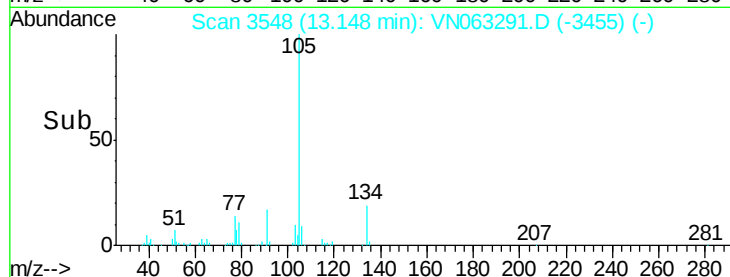
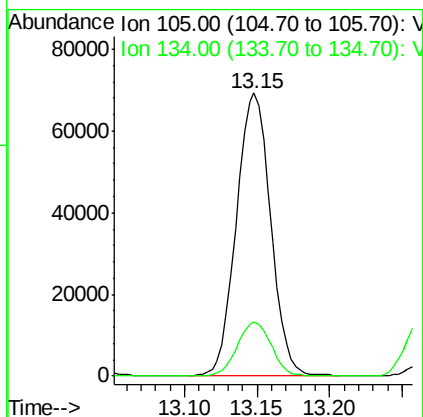
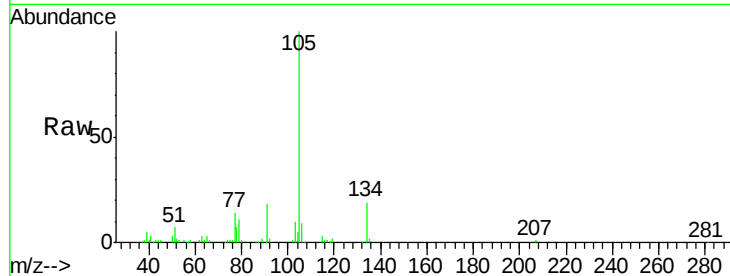




#85
 sec-Butylbenzene
 Concen: 5.095 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

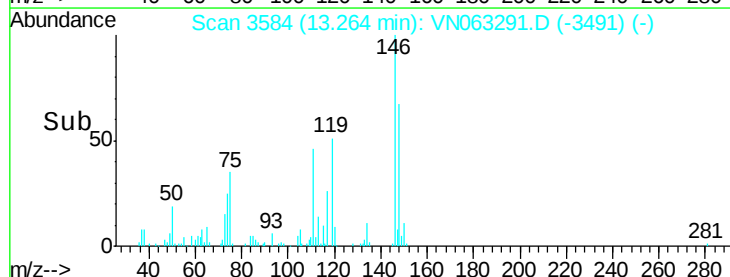
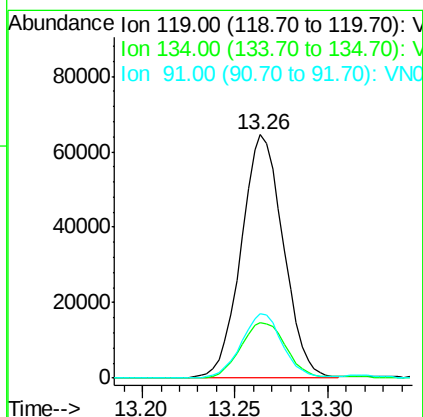
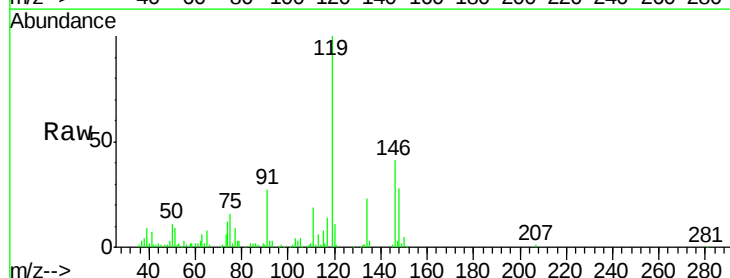
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

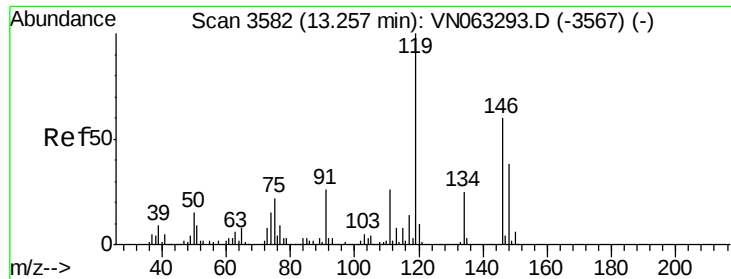
Tgt Ion:105 Resp: 113977
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 5.078 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion:119 Resp: 101099
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 26.2 12.8 38.3

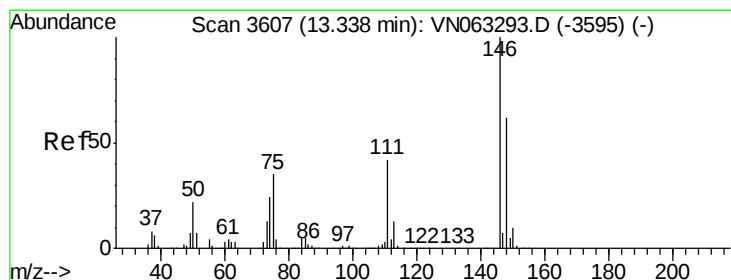
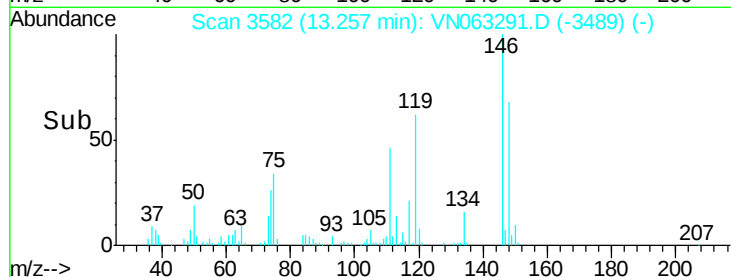
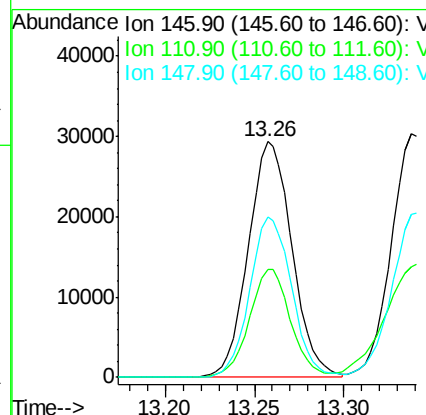
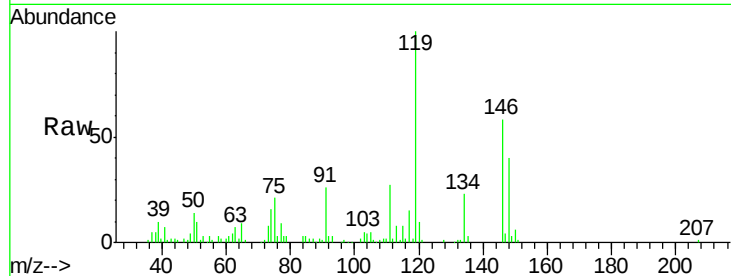




#87
 1,3-Dichlorobenzene
 Concen: 5.005 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

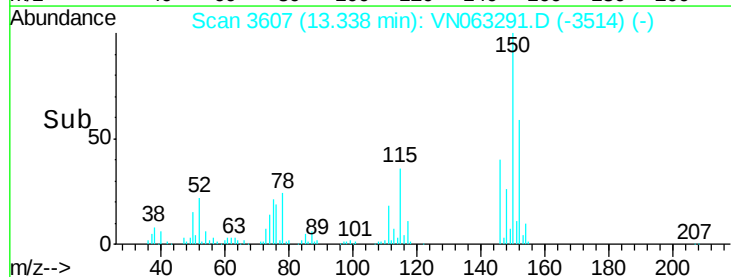
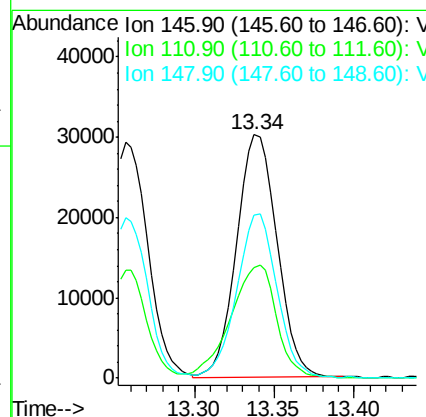
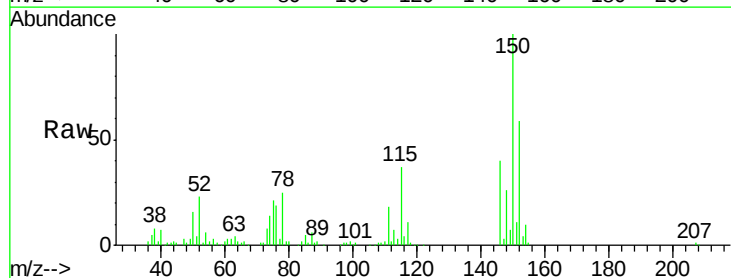
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

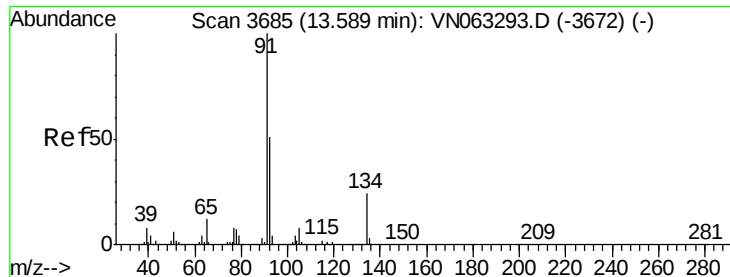
Tgt Ion:146 Resp: 50376
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.8 65.4
 148 65.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.006 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion:146 Resp: 51973
 Ion Ratio Lower Upper
 146 100
 111 53.6 21.3 64.0
 148 67.7 31.5 94.5

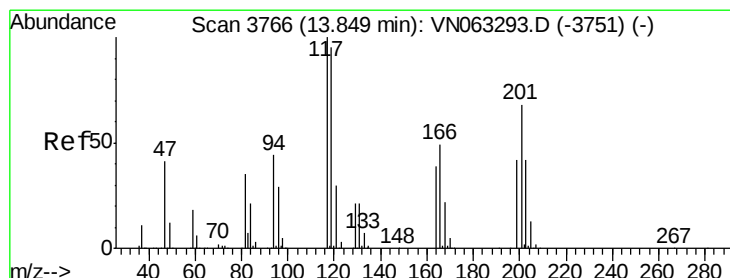
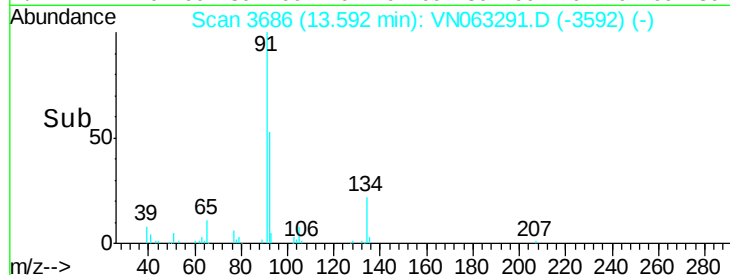
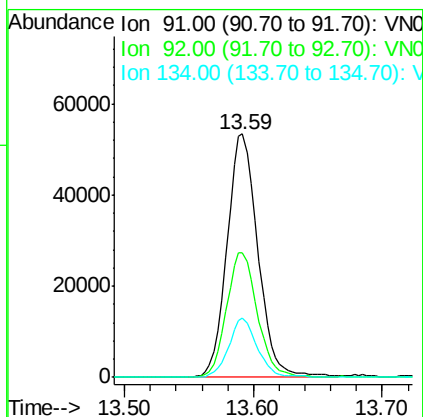
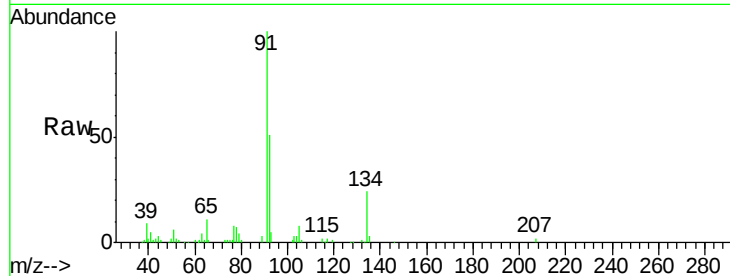




#89
n-Butylbenzene
Concen: 4.820 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

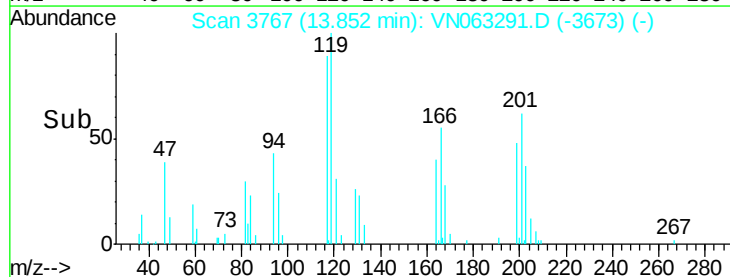
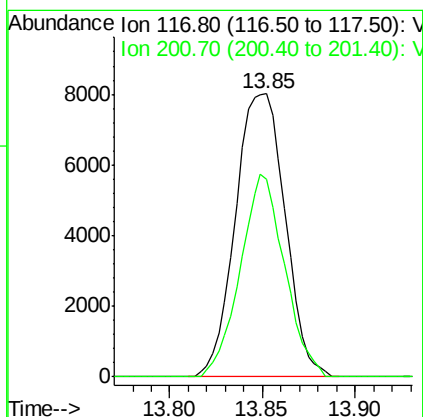
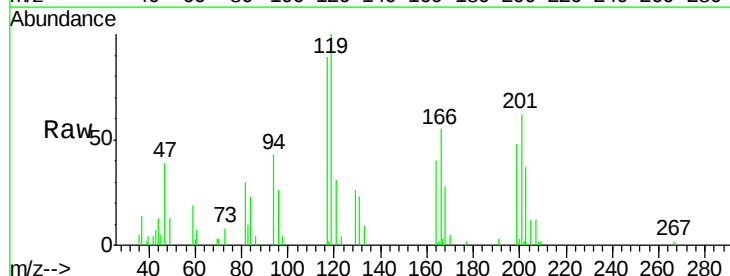
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

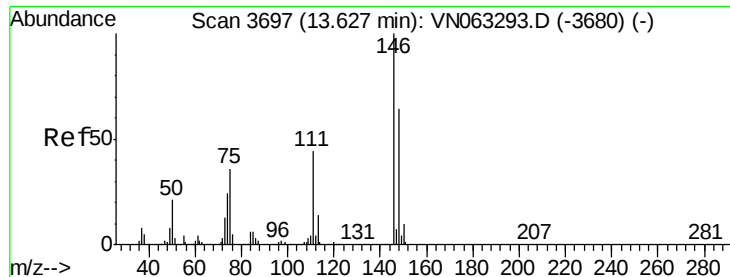
Tgt Ion: 91 Resp: 88773
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.3
134 22.3 12.0 36.0



#90
Hexachloroethane
Concen: 4.057 ug/l
RT: 13.85 min Scan# 3767
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion: 117 Resp: 14890
Ion Ratio Lower Upper
117 100
201 63.8 33.5 100.4

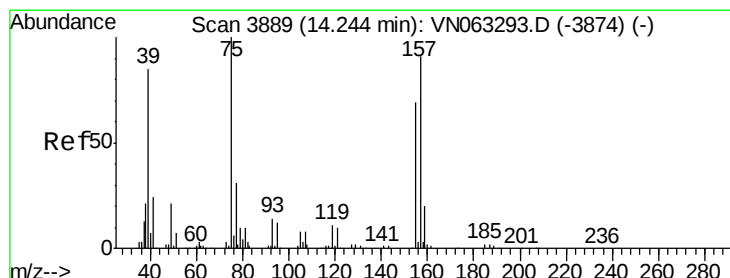
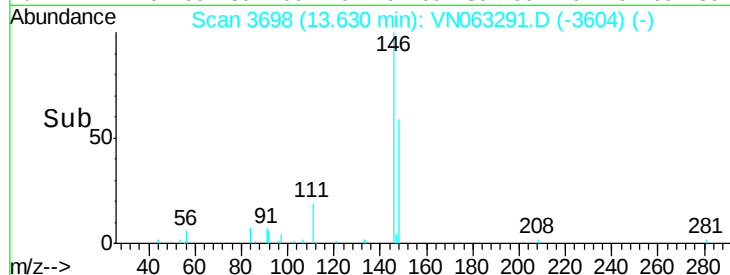
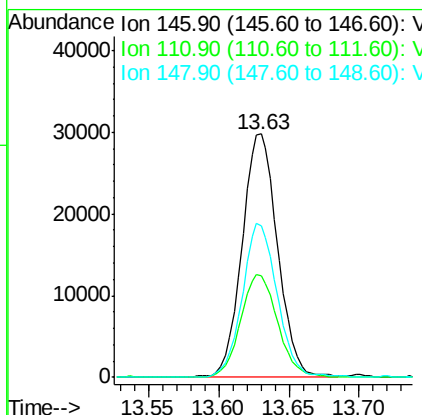
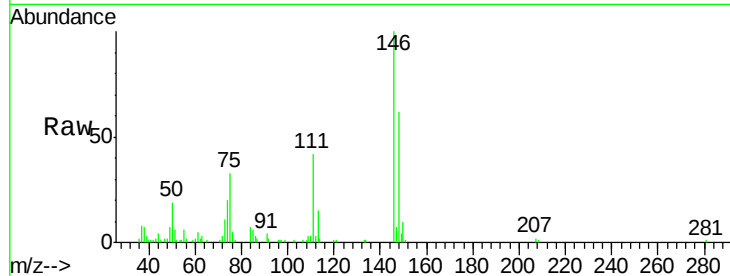




#91
 1,2-Dichlorobenzene
 Concen: 5.391 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

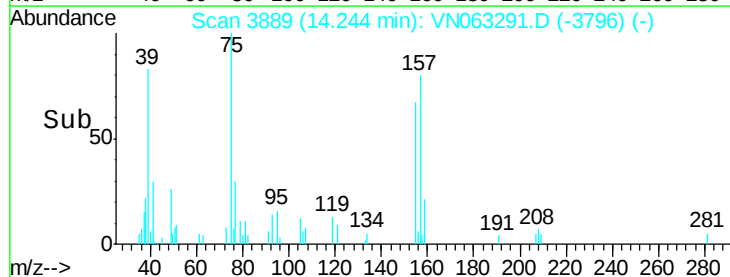
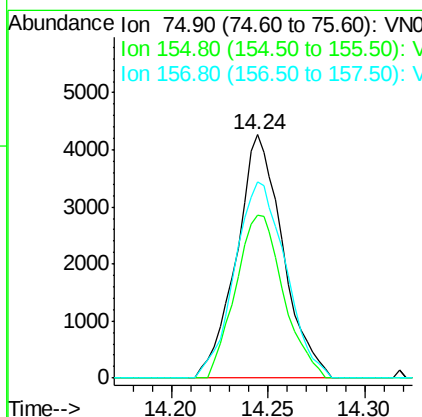
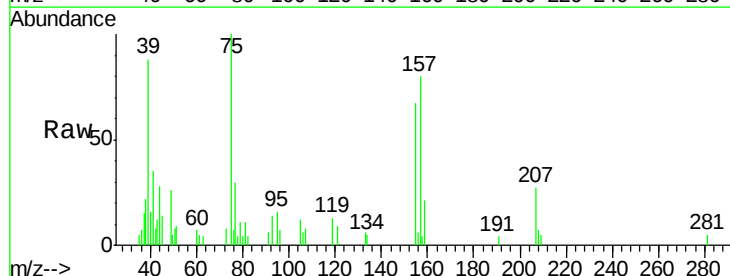
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

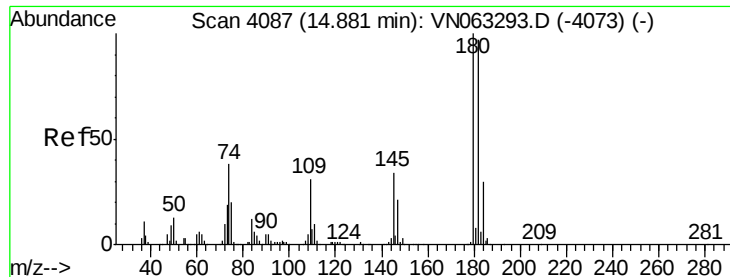
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.1	66.5
148	62.5	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.566 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	35.3	105.7
157	88.6	46.7	140.0

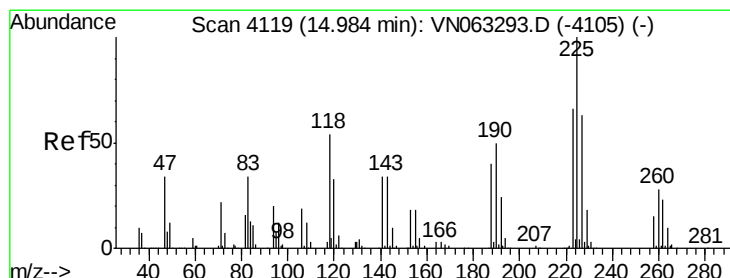
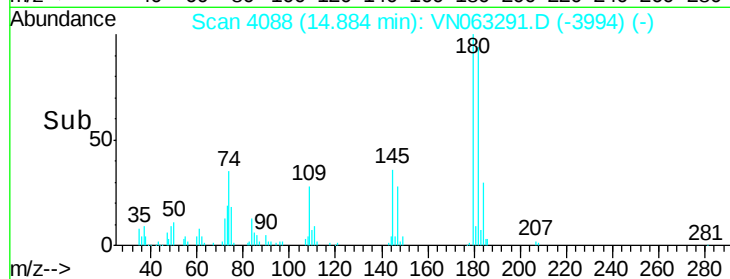
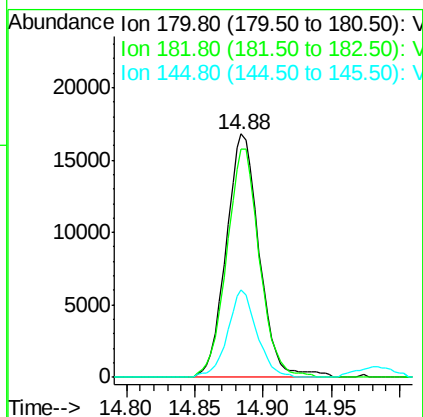
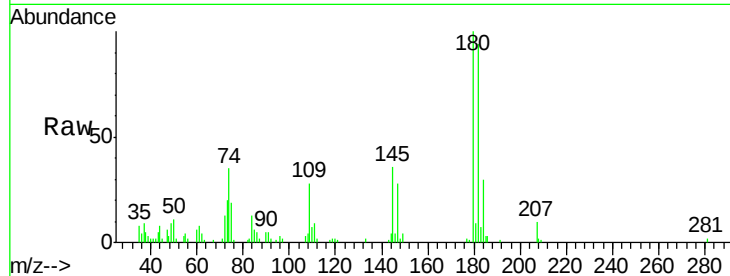




#93
 1,2,4-Trichlorobenzene
 Concen: 5.128 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

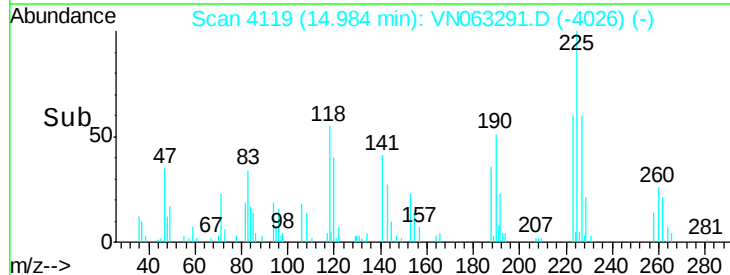
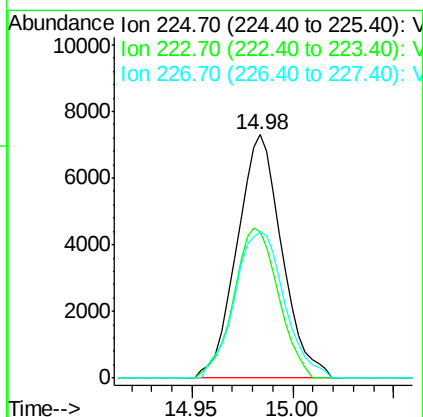
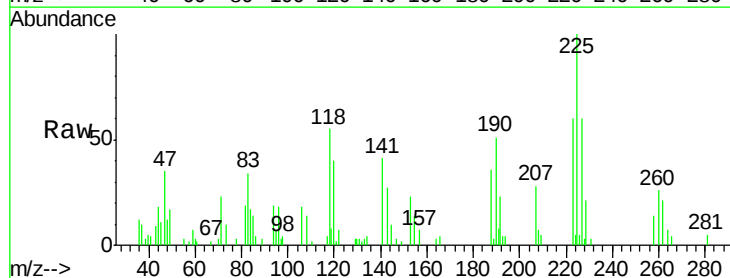
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

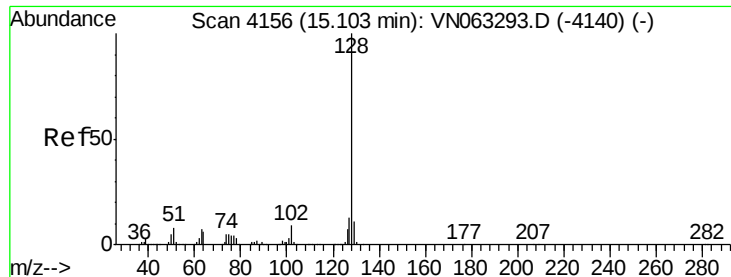
Tgt Ion:180 Resp: 28313
 Ion Ratio Lower Upper
 180 100
 182 93.0 48.0 144.2
 145 31.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 5.451 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063291.D
 Acq: 10 Sep 2020 13:08

Tgt Ion:225 Resp: 11375
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.3 93.9
 227 66.7 31.2 93.6

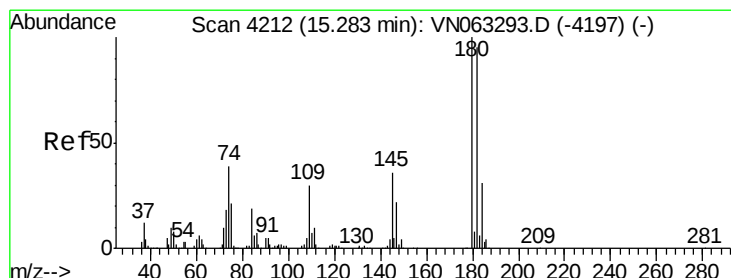
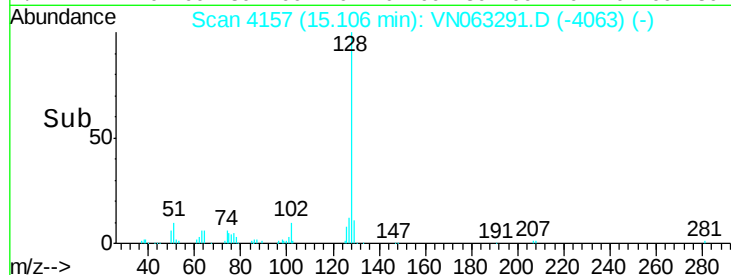
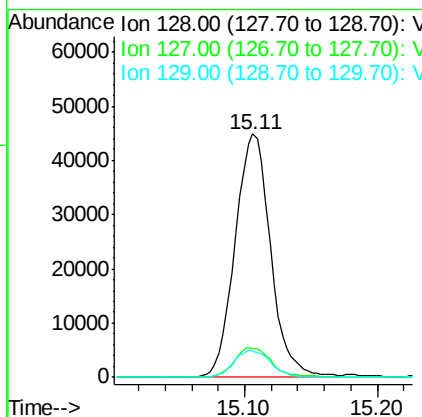
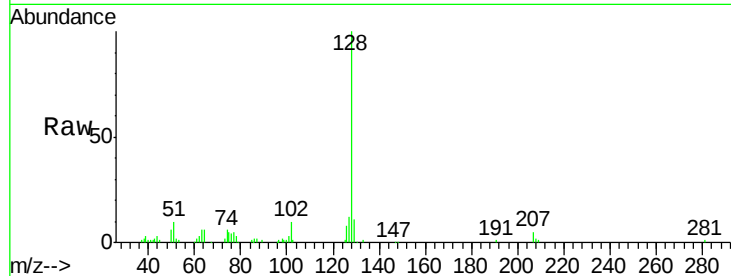




#95
Naphthalene
Concen: 4.631 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 83677
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 5.087 ug/l
RT: 15.29 min Scan# 4214
Delta R.T. 0.01 min
Lab File: VN063291.D
Acq: 10 Sep 2020 13:08

Tgt Ion:180 Resp: 27361
Ion Ratio Lower Upper
180 100
182 99.1 47.4 142.3
145 34.3 17.2 51.6

