

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064286.D
 Acq On : 23 Oct 2020 14:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

Quant Time: Oct 23 16:42:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 23 15:14:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	47609	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	278070	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	248658	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	129749	31.22	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.07%
60) 4-Bromofluorobenzene	12.38	95	135788	30.68	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.27%
63) Toluene-d8	10.06	98	334718	30.12	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	62414	20.152	ug/l 98
3) Chloromethane	2.04	50	64089	19.593	ug/l 95
4) Vinyl Chloride	2.16	62	64559	19.647	ug/l 95
5) Bromomethane	2.53	94	41281	19.137	ug/l 87
6) Chloroethane	2.67	64	36733	19.062	ug/l 97
7) Trichlorofluoromethane	2.98	101	102834	18.501	ug/l 98
8) Diethyl Ether	3.37	74	32940	17.984	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54883	19.809	ug/l # 55
10) 1,1-Dichloroethene	3.69	96	50104	18.860	ug/l # 90
11) Methyl Iodide	3.91	142	69547	18.270	ug/l 98
12) Methyl Acetate	4.27	43	55634	17.908	ug/l 92
13) Acrolein	3.56	56	20727	81.307	ug/l 94
14) Acrylonitrile	4.92	53	103947	86.456	ug/l 99
15) Acetone	3.77	58	36964	96.045	ug/l 97
16) Carbon Disulfide	4.01	76	145214	18.866	ug/l 96
17) Allyl chloride	4.27	41	99280	19.494	ug/l 93
18) Methylene Chloride	4.50	84	56940	18.332	ug/l 95
19) trans-1,2-Dichloroethene	4.98	96	54763	18.134	ug/l 91
20) Diisopropyl ether	5.89	45	179141	18.459	ug/l 97
21) 1,1-Dichloroethane	5.80	63	109127	18.854	ug/l 99
22) cis-1,2-Dichloroethene	6.77	96	64410	18.592	ug/l # 90
23) tert-Butyl Alcohol	4.81	59	204	0.366	ug/l # 100
24) Methyl tert-Butyl Ether	4.98	73	84084	9.113	ug/l # 49
25) Chloroform	7.32	83	113522	18.122	ug/l 97
26) Cyclohexane	7.61	56	81535	18.165	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	88513	18.413	ug/l 96
30) 2-Butanone	6.78	43	180951	85.711	ug/l 100
31) 2,2-Dichloropropane	6.77	77	110931	18.438	ug/l # 83
32) 1,1,1-Trichloroethane	7.52	97	110780	18.036	ug/l 96
33) Carbon Tetrachloride	7.73	117	99758	18.130	ug/l 95
34) Benzene	8.00	78	232885	17.728	ug/l 95
35) Methacrylonitrile	7.12	41	32683	15.355	ug/l 97
36) 1,2-Dichloroethane	8.08	62	102162	18.240	ug/l 100
37) Trichloroethene	8.80	130	64659	17.885	ug/l 90
38) Methylcyclohexane	9.04	83	79898	18.206	ug/l 95
39) 1,2-Dichloropropane	9.08	63	63454	18.068	ug/l 95
40) Dibromomethane	9.17	93	43318	17.630	ug/l 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	94387	17.714	ug/l	94
42) Vinyl Acetate	5.84	43	824522	88.548	ug/l	100
43) Ethyl Acetate	6.87	43	78759	17.622	ug/l #	92
45) 1,4-Dioxane	9.16	88	18309	373.988	ug/l	87
46) Methyl methacrylate	9.16	41	72469	18.697	ug/l	95
47) n-amyl Acetate	12.04	43	118449	17.126	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	105404	17.719	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	108993	17.642	ug/l	100
50) 1,1,2-Trichloroethane	10.53	97	56622	17.494	ug/l #	93
51) Ethyl methacrylate	10.40	69	86620	17.400	ug/l	88
52) 1,3-Dichloropropane	10.68	76	97374	17.015	ug/l	96
53) Dibromochloromethane	10.87	129	69473	17.180	ug/l	91
54) 1,2-Dibromoethane	10.97	107	60276	17.428	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	226324	93.569	ug/l	97
56) Bromoform	12.10	173	46041	16.104	ug/l #	98
58) 4-Methyl-2-Pentanone	9.95	43	377613	88.113	ug/l	100
59) 2-Hexanone	10.72	43	284674	87.610	ug/l	99
61) Tetrachloroethene	10.60	164	65040	18.720	ug/l	92
62) Toluene	10.12	91	255498	17.849	ug/l	98
64) Chlorobenzene	11.40	112	163099	18.368	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.48	131	61898	17.451	ug/l	99
66) Ethyl Benzene	11.48	91	295043	17.978	ug/l	98
67) m/p-Xylenes	11.59	106	216882	35.637	ug/l	100
68) o-Xylene	11.92	106	109397	18.512	ug/l	91
69) Styrene	11.94	104	173793	17.663	ug/l	99
70) Isopropylbenzene	12.22	105	279251	17.874	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	74623	17.806	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	115485	26.538	ug/l	64
73) Bromobenzene	12.50	156	66960	17.619	ug/l	99
74) n-propylbenzene	12.56	91	320510	17.879	ug/l	98
75) 2-Chlorotoluene	12.65	91	198460	17.929	ug/l	95
76) 1,3,5-Trimethylbenzene	12.71	105	240059	18.128	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	28960	17.209	ug/l	84
78) 4-Chlorotoluene	12.75	91	205775	17.830	ug/l	100
79) tert-butylbenzene	12.97	119	195161	18.034	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	235913	17.554	ug/l	100
81) sec-Butylbenzene	13.14	105	252970	18.007	ug/l	99
82) p-Isopropyltoluene	13.26	119	234153	18.163	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	118855	17.730	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	115933	16.984	ug/l	99
85) n-Butylbenzene	13.59	91	205401	18.106	ug/l	95
86) Hexachloroethane	13.85	117	38929	17.883	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	116102	17.751	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	17762	17.393	ug/l	94
89) 1,2,4-Trichlorobenzene	14.88	180	61939	16.601	ug/l	91
90) Hexachlorobutadiene	14.98	225	37579	18.394	ug/l	98
91) Naphthalene	15.10	128	184908	16.947	ug/l	97
92) 1,2,3-Trichlorobenzene	15.28	180	59685	16.681	ug/l	96

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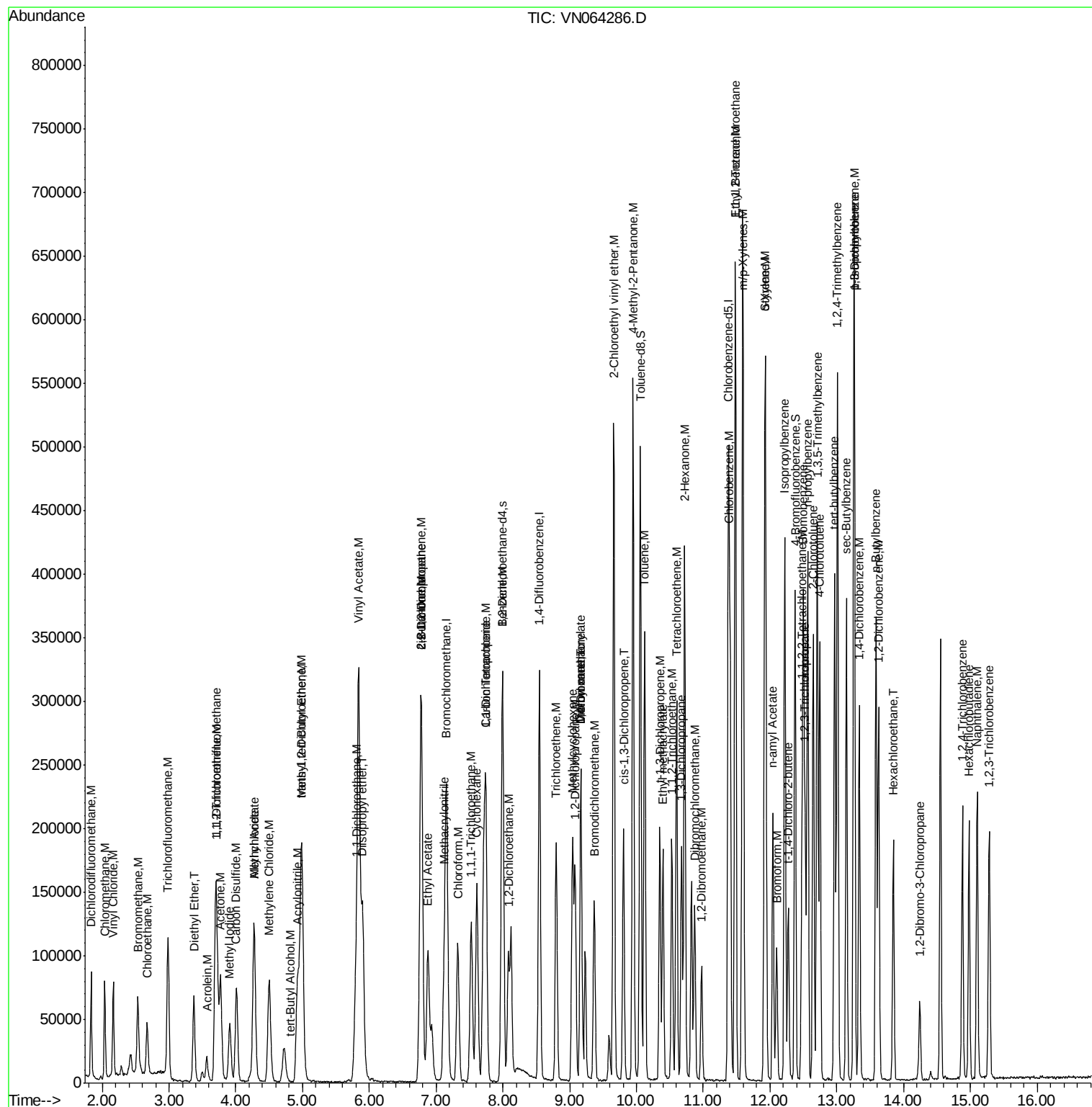
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

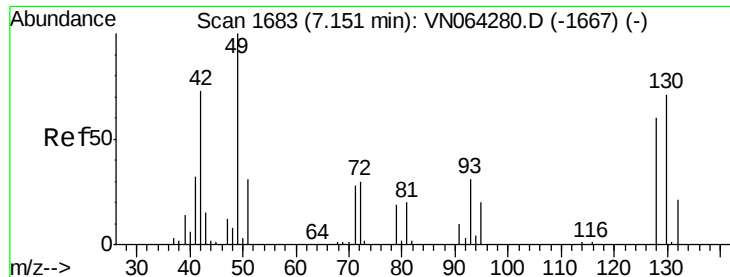
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Time: Oct 23 16:42:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N102320W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102320

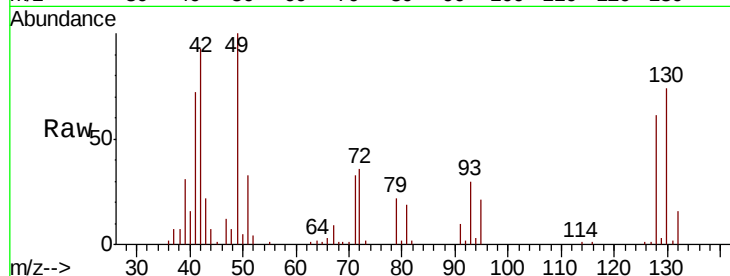
Tot Ion:128 Resp: 47609

Ion Ratio Lower Upper

128 100

49 174.9 0.0 445.0

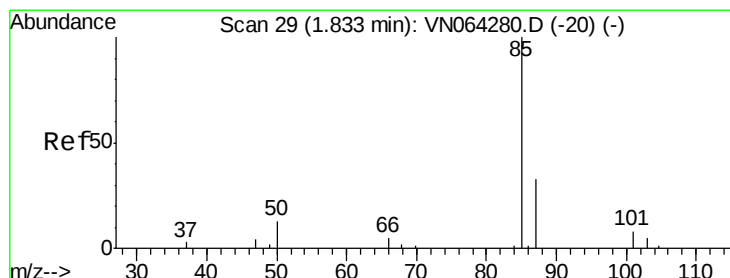
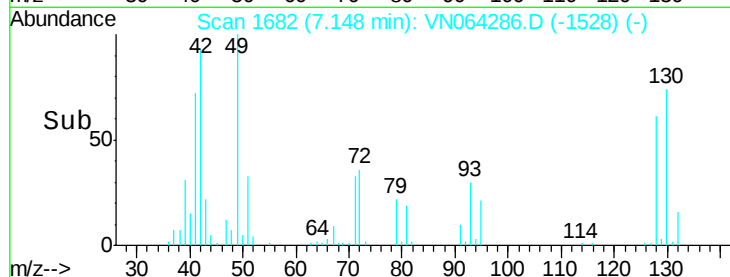
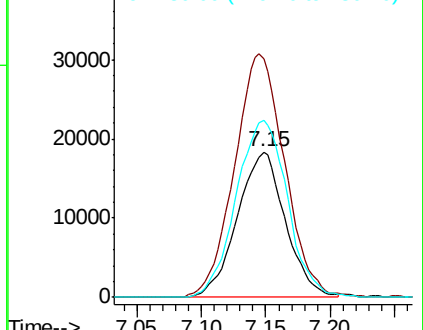
130 130.0 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.152 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064286.D

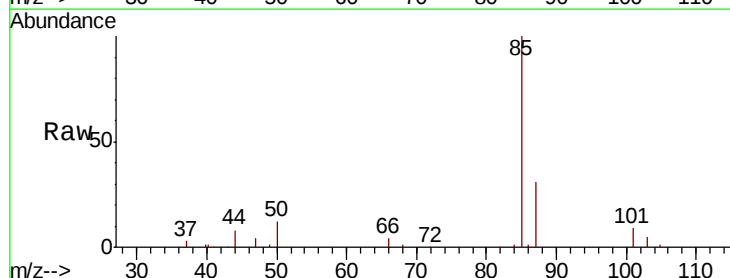
Acq: 23 Oct 2020 14:58

Tgt Ion: 85 Resp: 62414

Ion Ratio Lower Upper

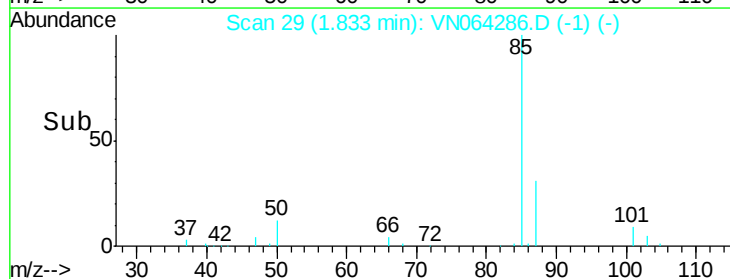
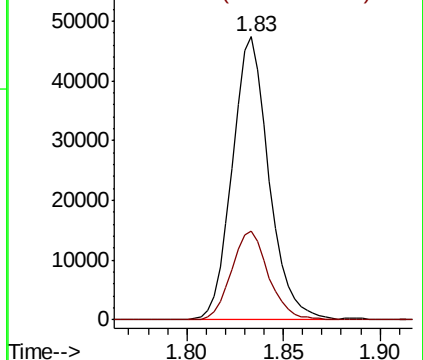
85 100

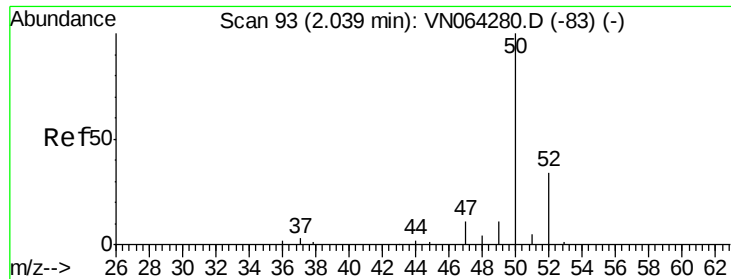
87 31.5 16.4 49.2



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN

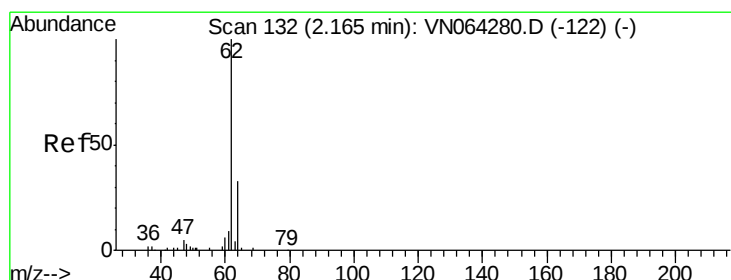
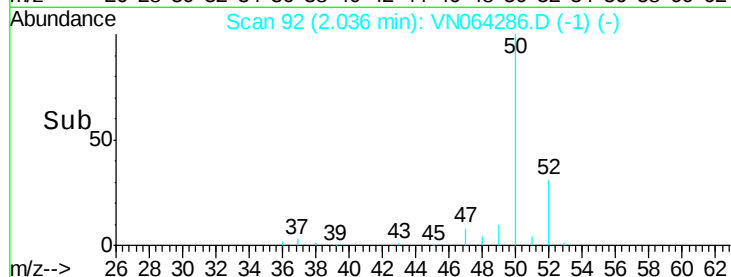
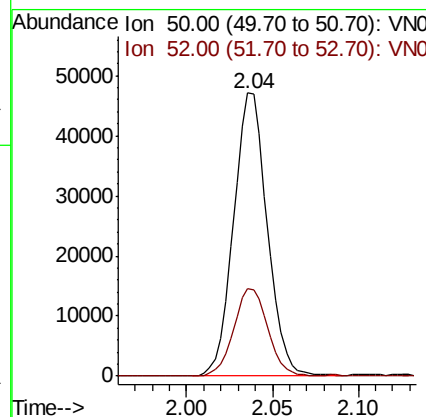
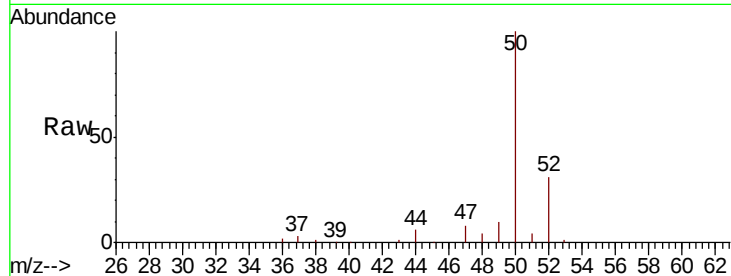




#3
Chloromethane
Concen: 19.593 ug/l
RT: 2.04 min Scan# 92
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

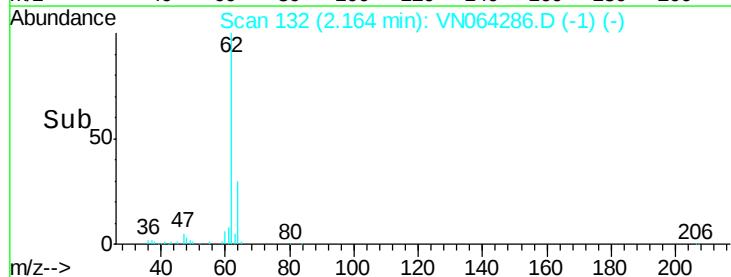
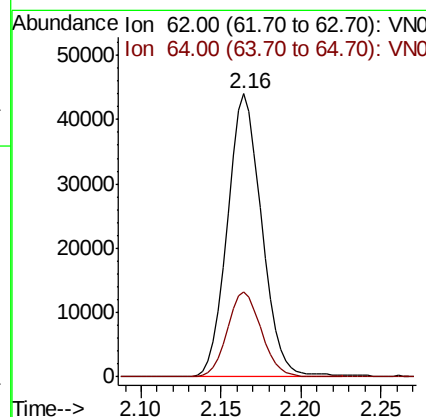
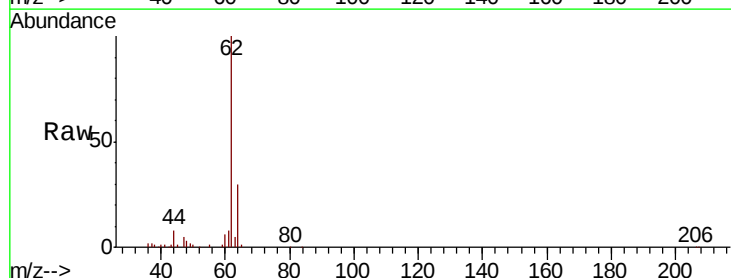
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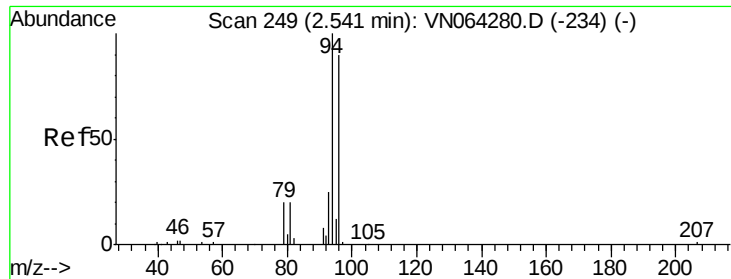
Tot Ion: 50 Resp: 64089
Ion Ratio Lower Upper
50 100
52 31.0 27.1 40.7



#4
Vinyl Chloride
Concen: 19.647 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion: 62 Resp: 64559
Ion Ratio Lower Upper
62 100
64 30.2 26.6 39.8





#5

Bromomethane

Concen: 19.137 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

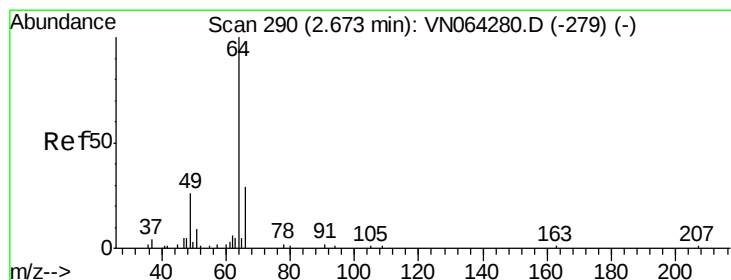
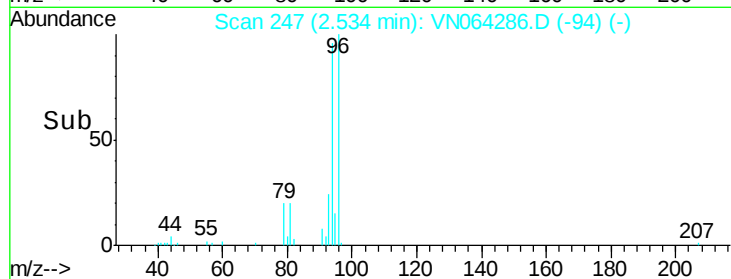
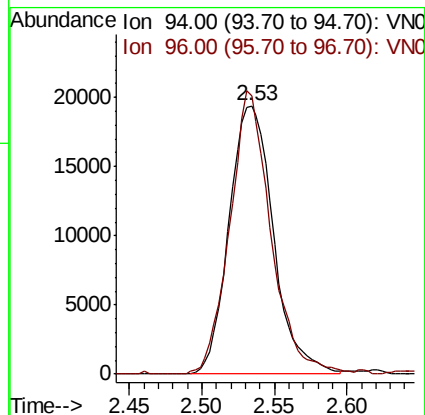
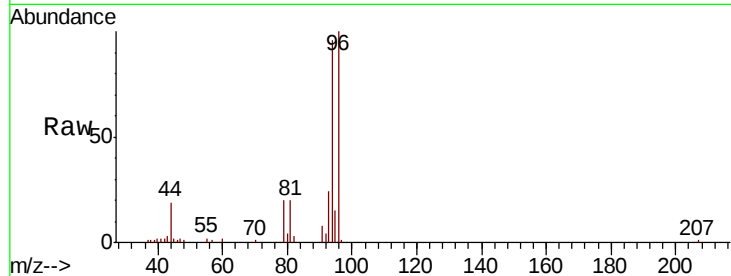
ICVVN102320

Tot Ion: 94 Resp: 41281

Ion Ratio Lower Upper

94 100

96 102.6 72.4 108.6



#6

Chloroethane

Concen: 19.062 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064286.D

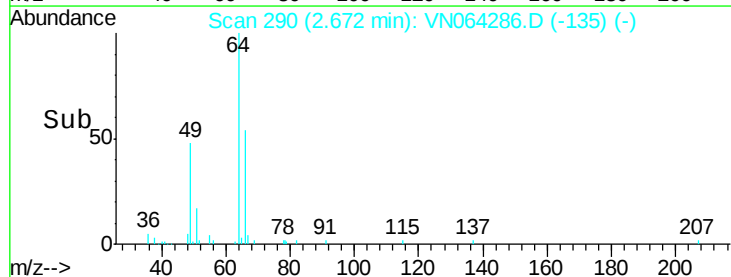
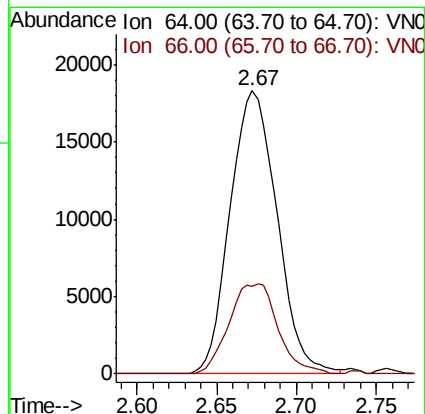
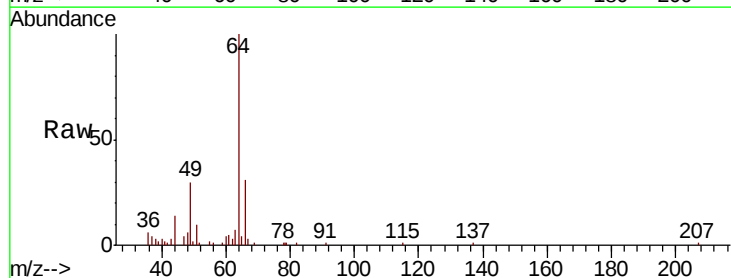
Acq: 23 Oct 2020 14:58

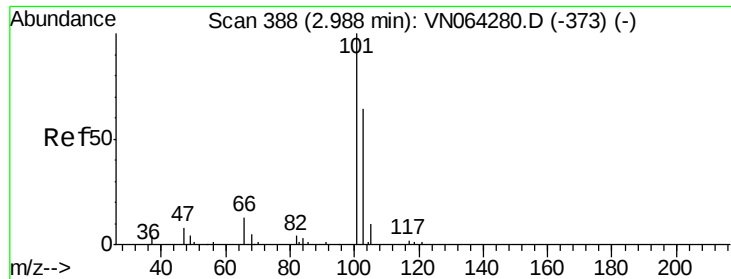
Tgt Ion: 64 Resp: 36733

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2



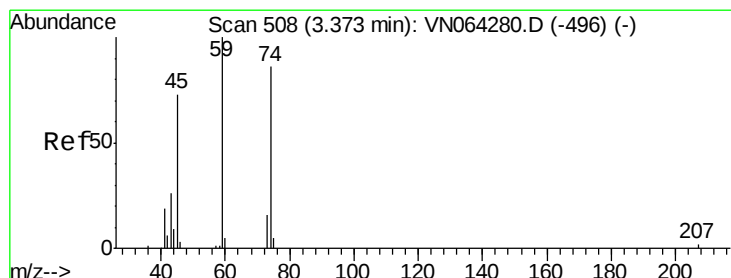
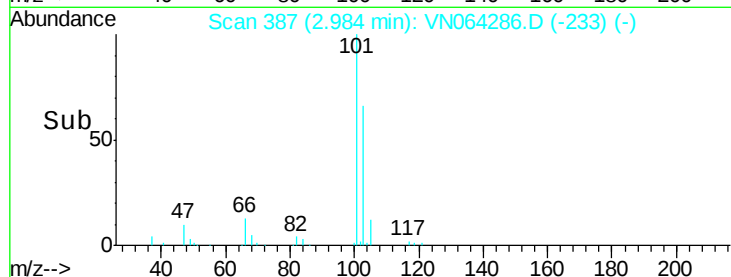
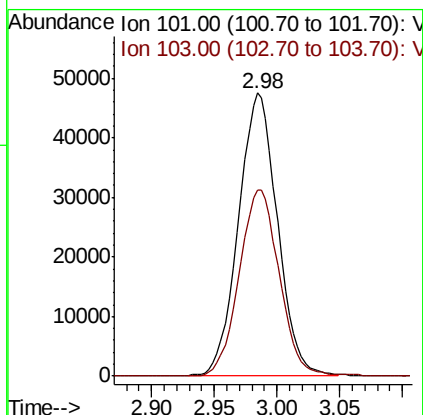
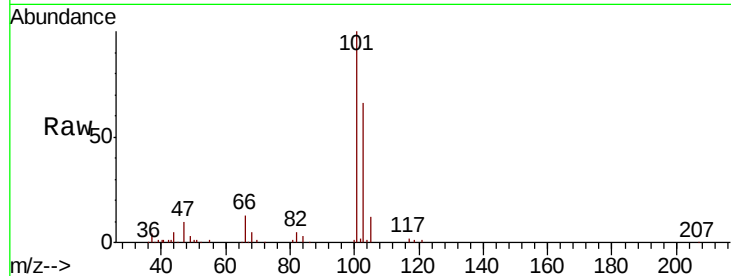


#7

Trichlorofluoromethane
 Concen: 18.501 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

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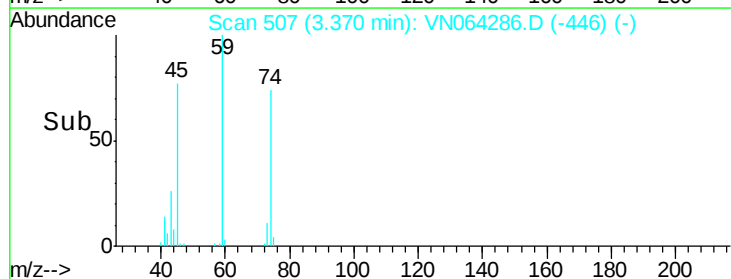
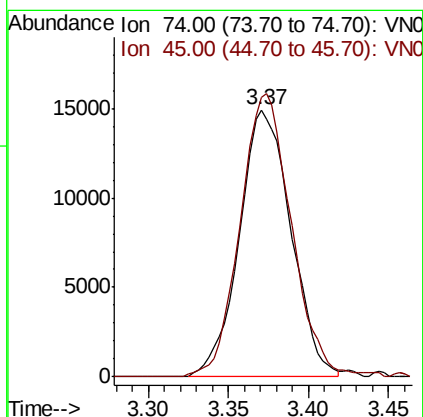
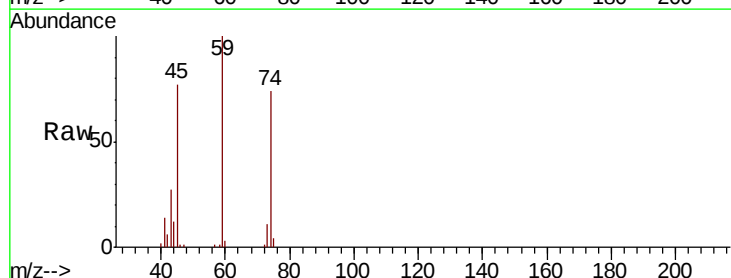
Tot Ion:101 Resp: 102834
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.0

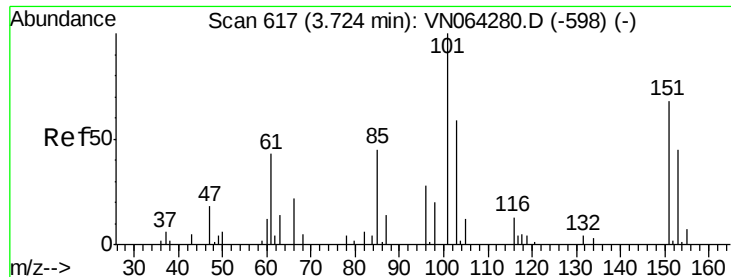


#8

Diethyl Ether
 Concen: 17.984 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 74 Resp: 32940
 Ion Ratio Lower Upper
 74 100
 45 105.3 21.3 191.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.809 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102320

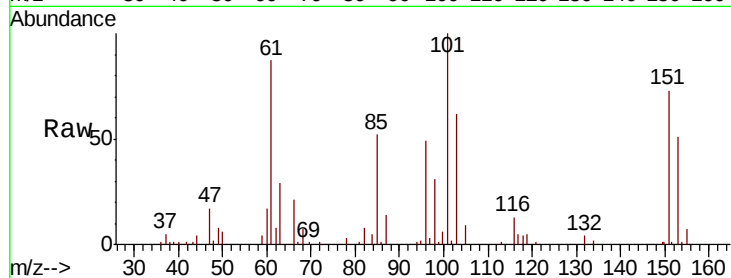
Tot Ion:101 Resp: 54883

Ion Ratio Lower Upper

101 100

85 47.5 0.0 47.4#

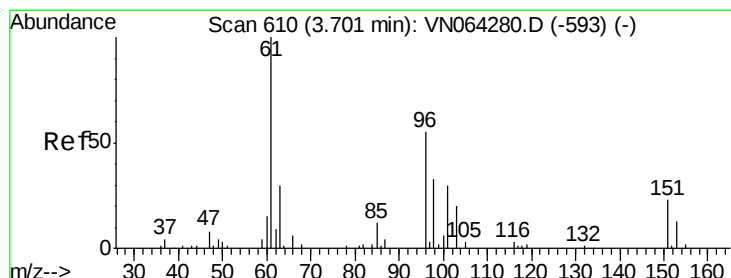
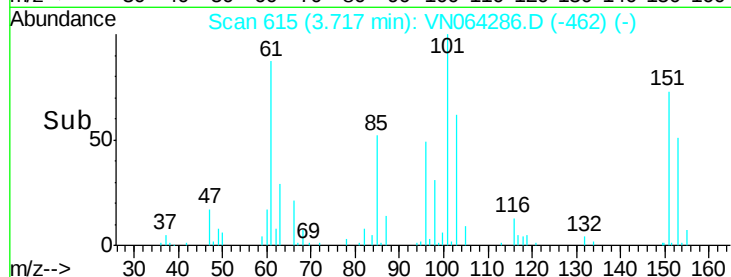
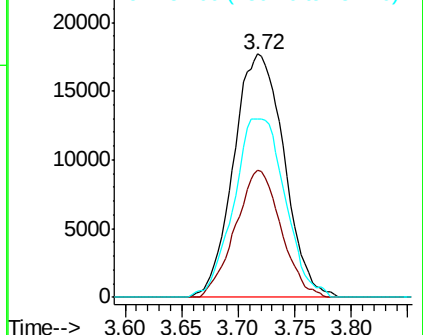
151 37.4 0.0 148.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.860 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

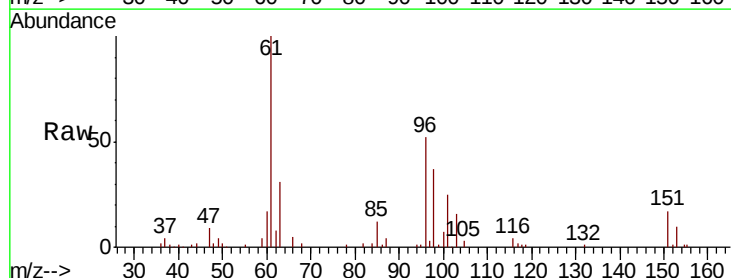
Tgt Ion: 96 Resp: 50104

Ion Ratio Lower Upper

96 100

61 191.2 144.2 216.4

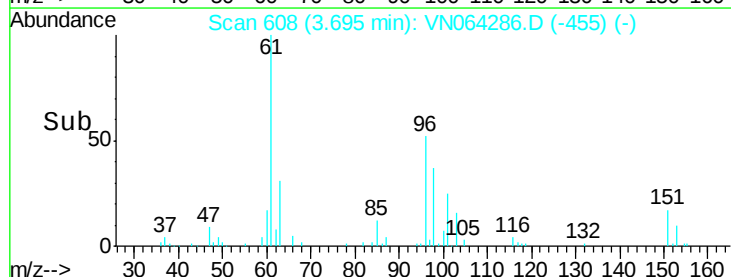
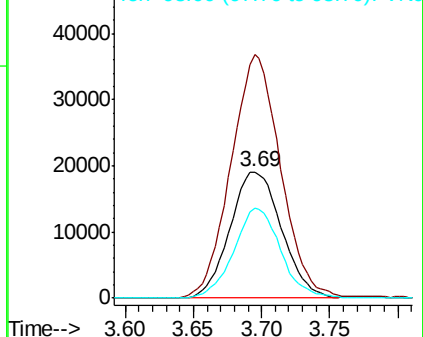
98 71.5 47.4 71.0#

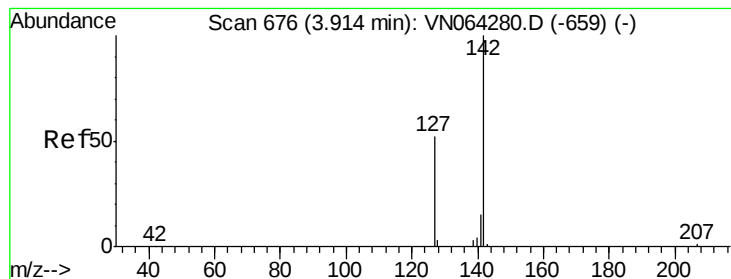


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#11

Methvl Iodide

Concen: 18.270 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102320

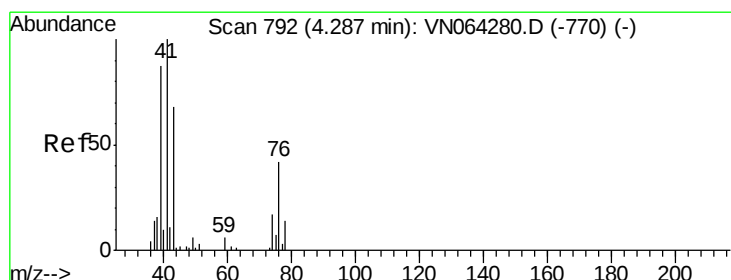
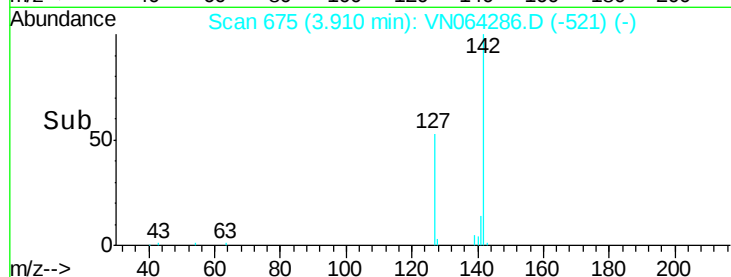
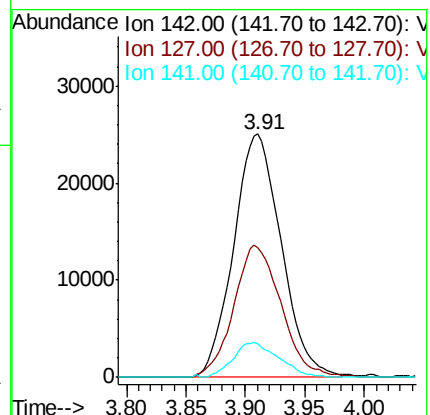
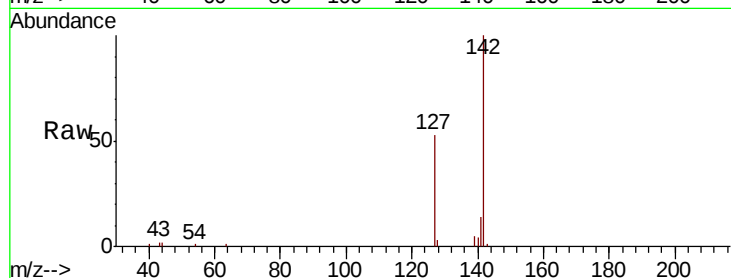
Tot Ion:142 Resp: 69547

Ion Ratio Lower Upper

142 100

127 53.1 25.9 77.8

141 13.7 7.5 22.6



#12

Methyl Acetate

Concen: 17.908 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN064286.D

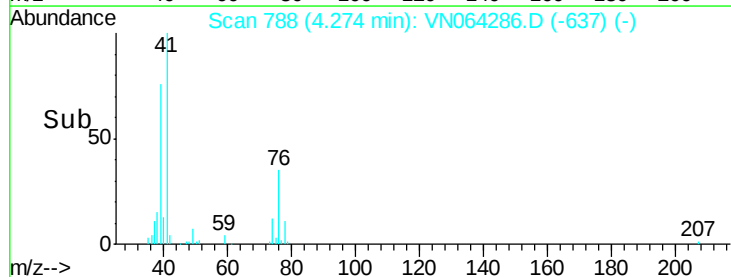
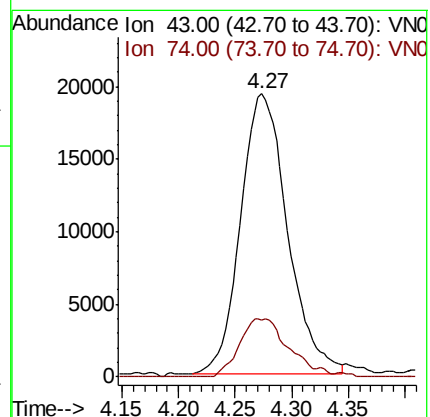
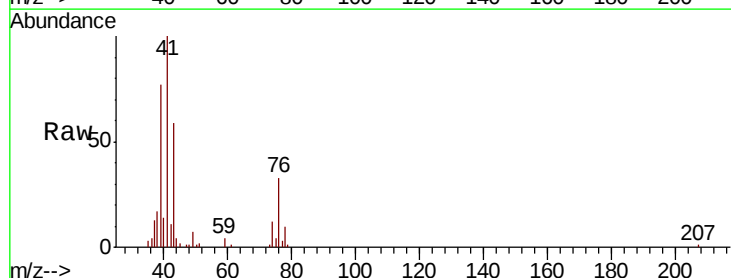
Acq: 23 Oct 2020 14:58

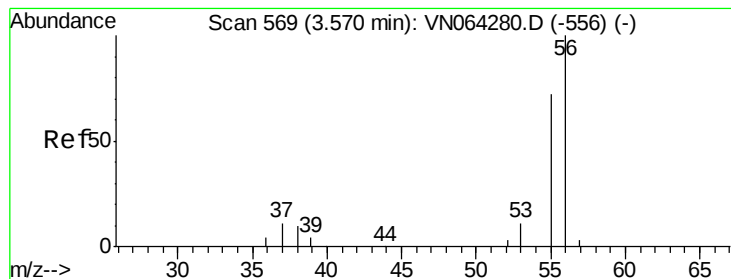
Tgt Ion: 43 Resp: 55634

Ion Ratio Lower Upper

43 100

74 20.0 19.0 28.6





#13

Acrolein

Concen: 81.307 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

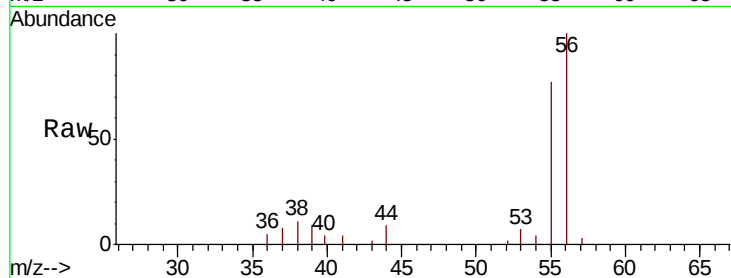
ICVFN102320

Tot Ion: 56 Resp: 20727

Ion Ratio Lower Upper

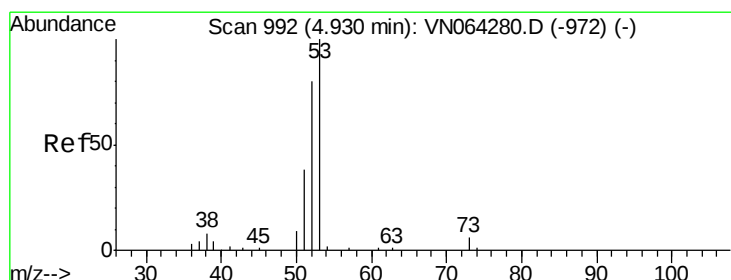
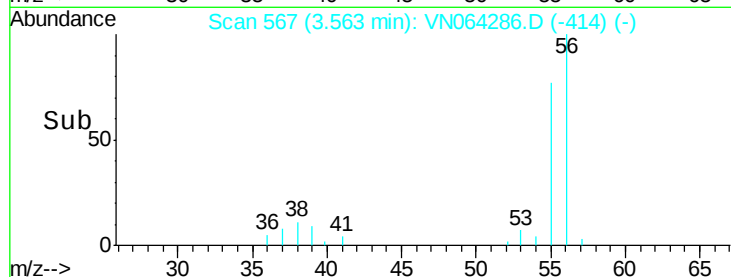
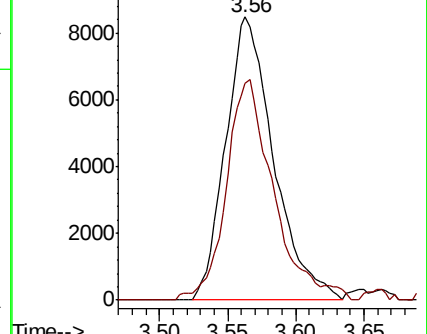
56 100

55 70.8 61.0 91.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 86.456 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

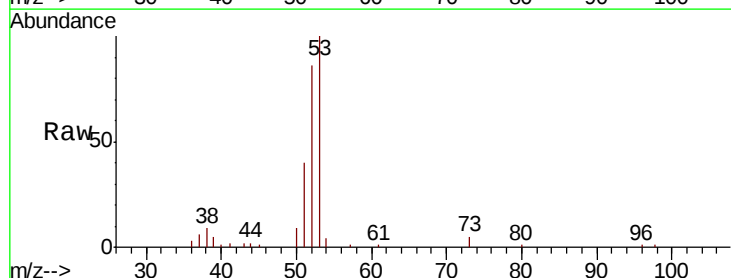
Tgt Ion: 53 Resp: 103947

Ion Ratio Lower Upper

53 100

52 84.1 41.7 125.1

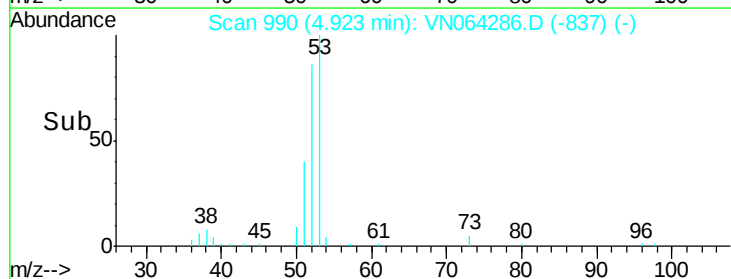
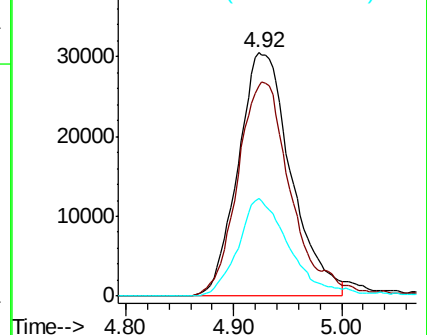
51 38.2 18.9 56.7

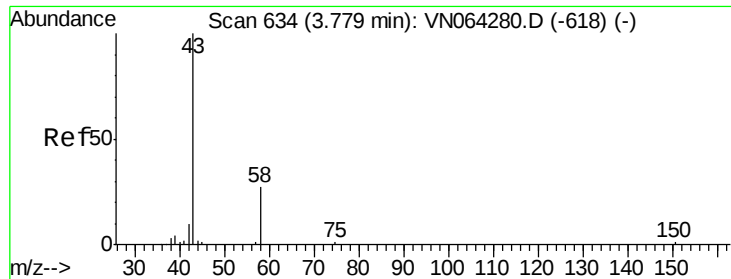


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 96.045 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

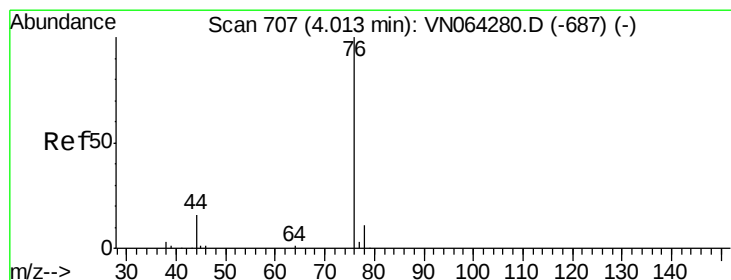
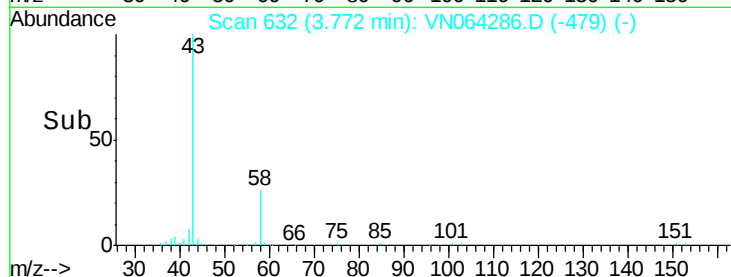
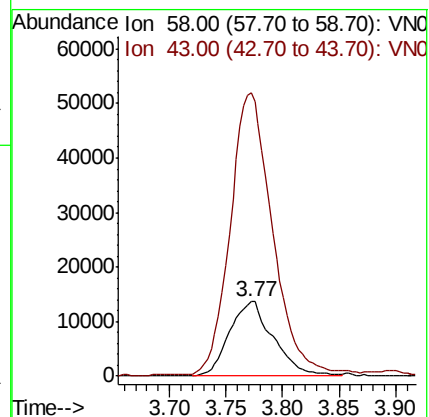
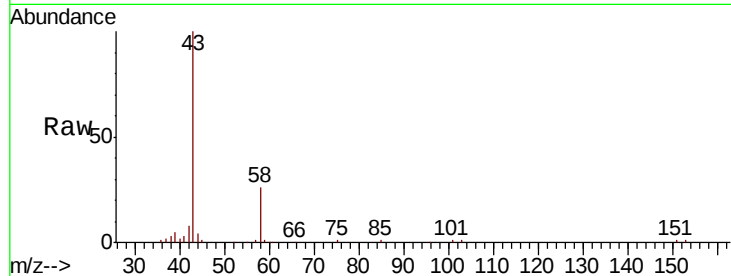
ICVFN102320

Tot Ion: 58 Resp: 36964

Ion Ratio Lower Upper

58 100

43 378.0 297.4 446.0



#16

Carbon Disulfide

Concen: 18.866 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064286.D

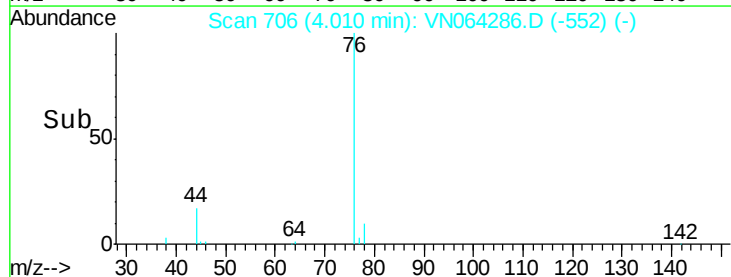
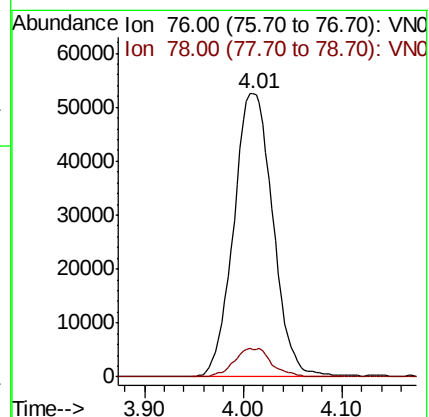
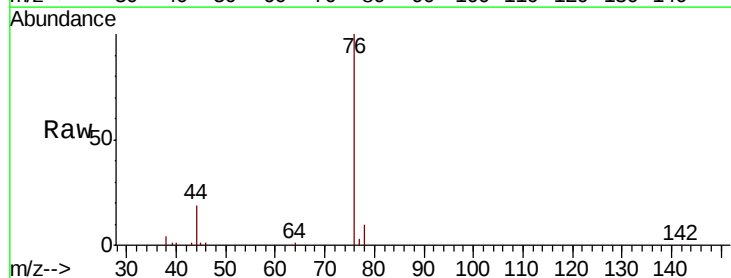
Acq: 23 Oct 2020 14:58

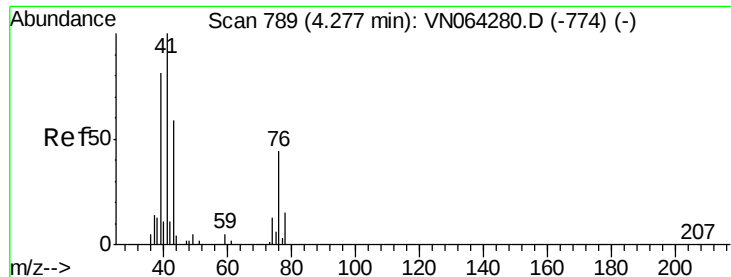
Tgt Ion: 76 Resp: 145214

Ion Ratio Lower Upper

76 100

78 9.8 9.0 13.4

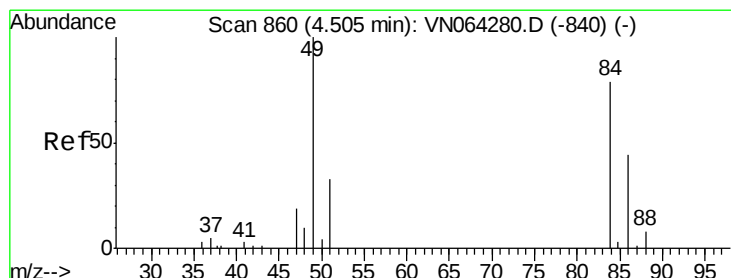
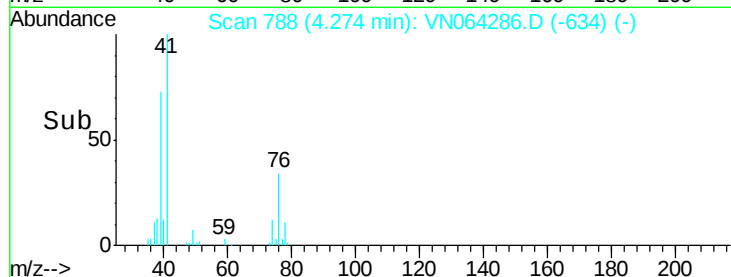
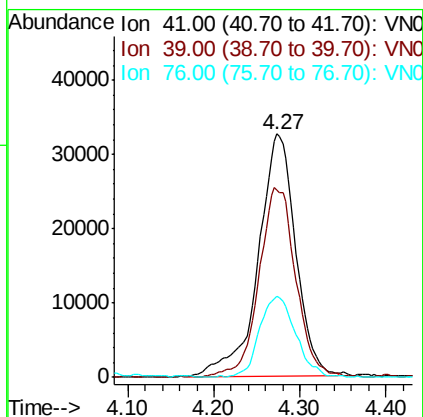
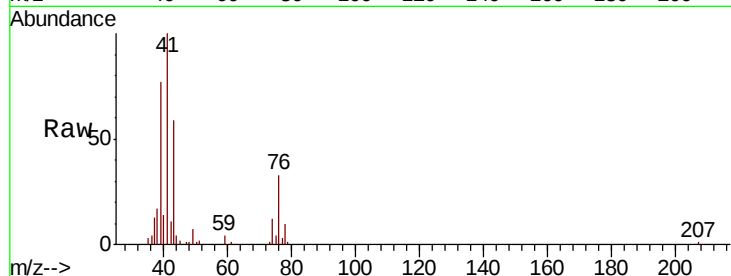




#17
Allvl chloride
Concen: 19.494 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

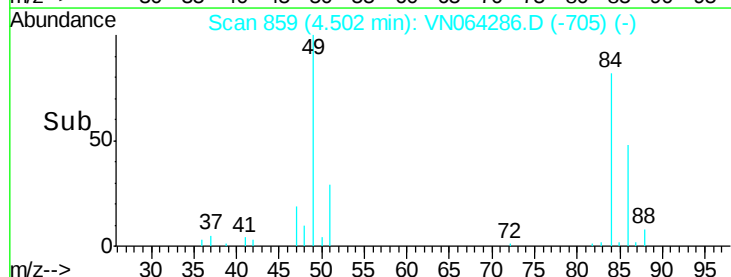
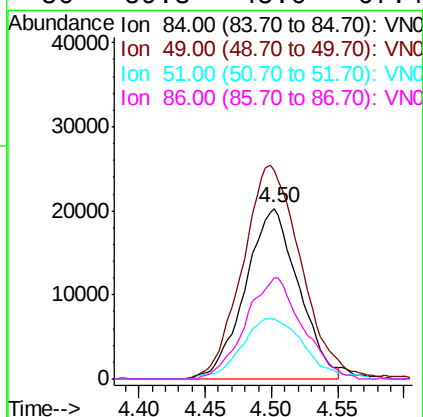
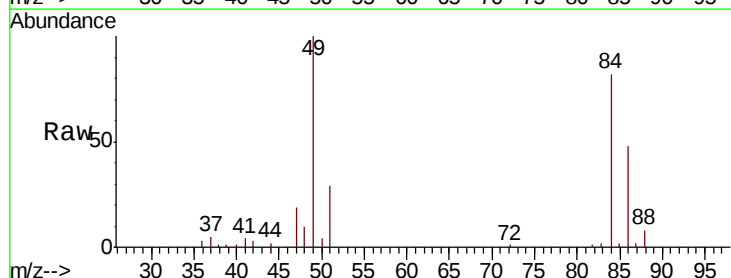
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102320

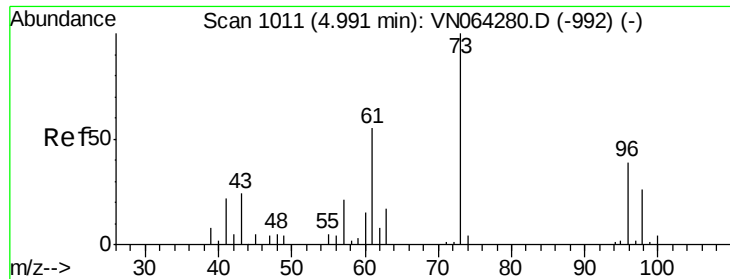
Tot Ion: 41 Resp: 99280
Ion Ratio Lower Upper
41 100
39 77.1 39.9 119.6
76 32.8 21.4 64.2



#18
Methylene Chloride
Concen: 18.332 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion: 84 Resp: 56940
Ion Ratio Lower Upper
84 100
49 121.7 101.1 151.7
51 35.1 33.4 50.0
86 59.3 45.0 67.4

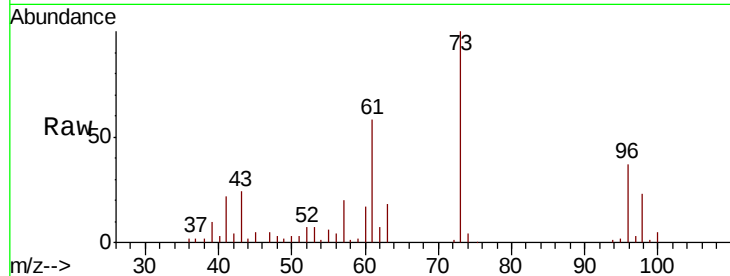




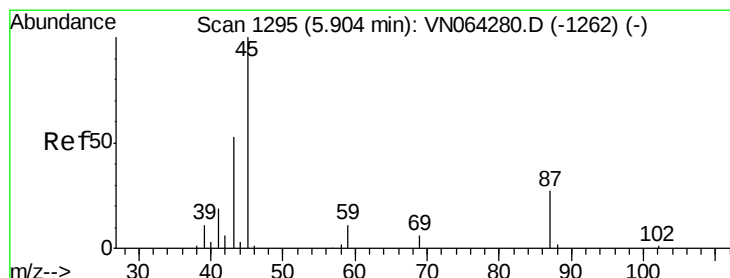
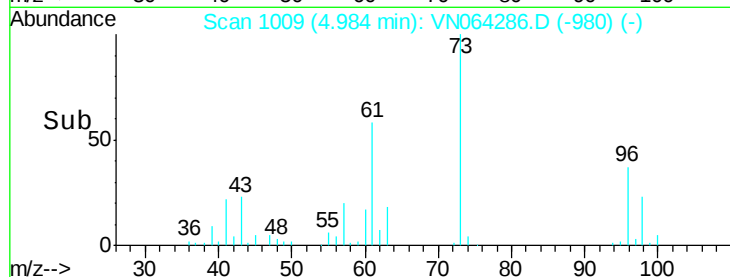
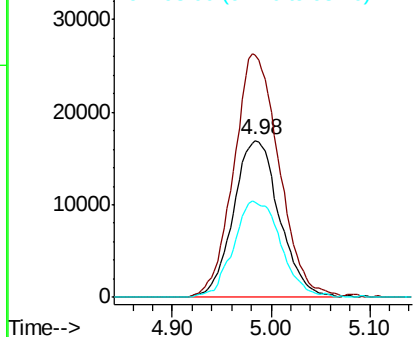
#19
trans-1,2-Dichloroethene
Concen: 18.134 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102320

Tot Ion: 96 Resp: 54763
Ion Ratio Lower Upper
96 100
61 154.9 114.2 171.2
98 60.8 52.8 79.2

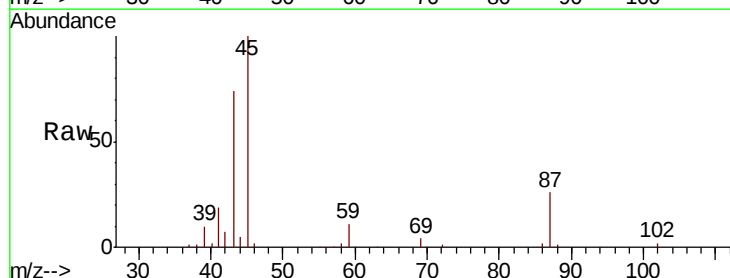


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

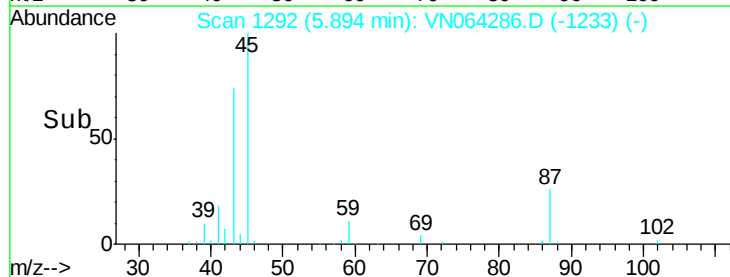
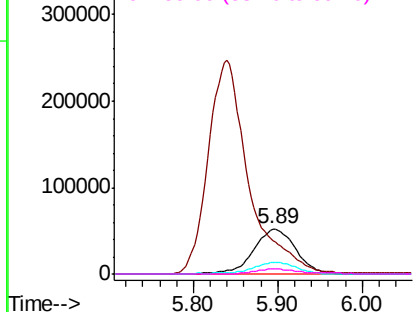


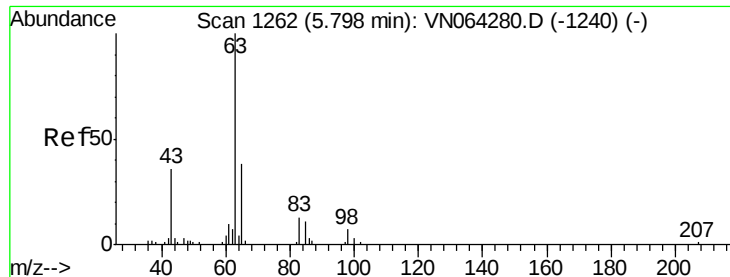
#20
Diisopropyl ether
Concen: 18.459 ug/l
RT: 5.89 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion: 45 Resp: 179141
Ion Ratio Lower Upper
45 100
43 70.2 58.9 88.3
87 26.1 21.0 31.4
59 10.7 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 18.854 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102320

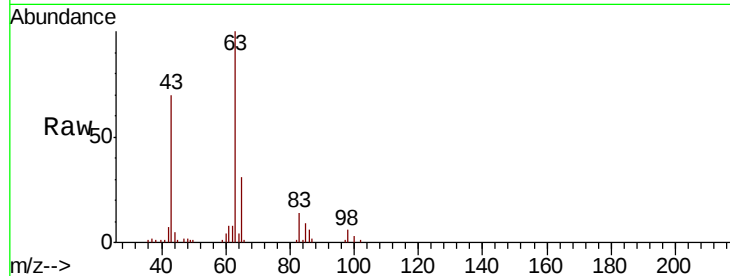
Tot Ion: 63 Resp: 109127

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

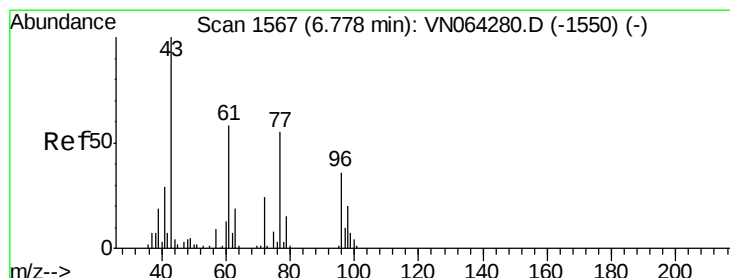
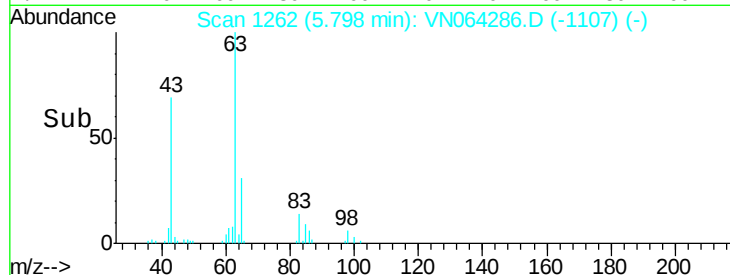
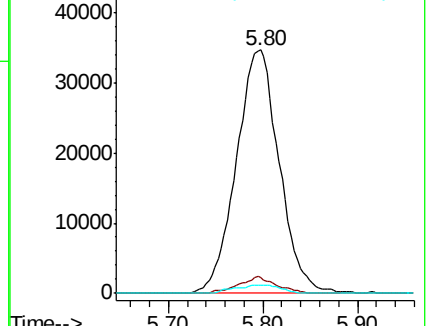
100 3.4 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VN064286.D (-1107) (-)

Ion 98.00 (97.70 to 98.70): VN064286.D (-1107) (-)

Ion 100.00 (99.70 to 100.70): VN064286.D (-1107) (-)



#22

cis-1,2-Dichloroethene

Concen: 18.592 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

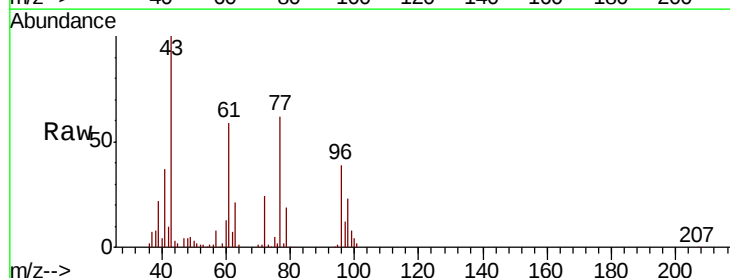
Tgt Ion: 96 Resp: 64410

Ion Ratio Lower Upper

96 100

61 163.5 132.2 198.2

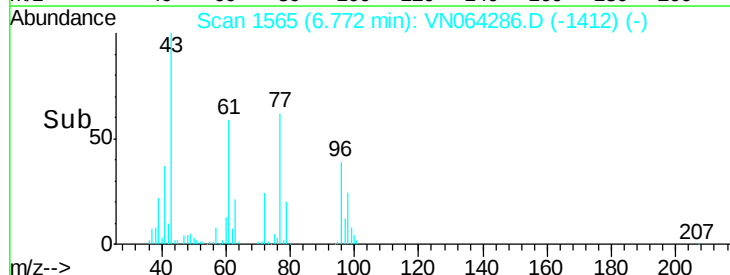
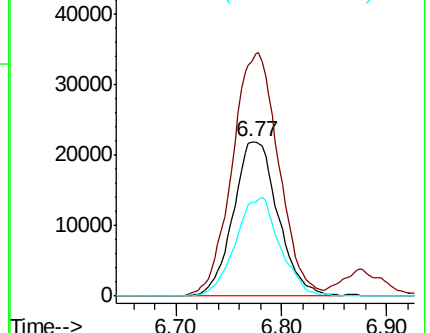
98 63.0 26.5 39.7#

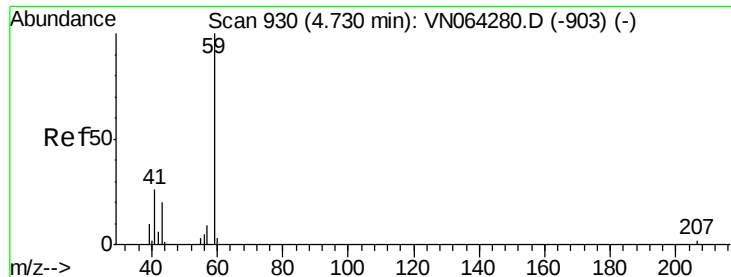


Abundance Ion 96.00 (95.70 to 96.70): VN064286.D (-1412) (-)

Ion 61.00 (60.70 to 61.70): VN064286.D (-1412) (-)

Ion 98.00 (97.70 to 98.70): VN064286.D (-1412) (-)



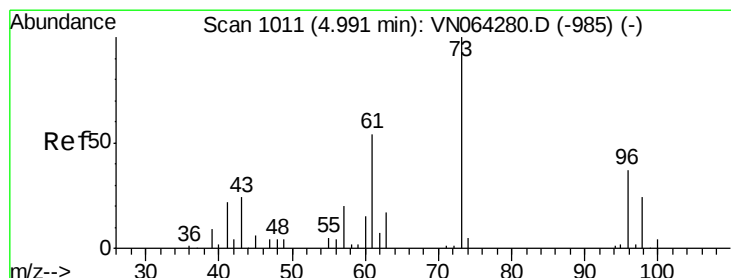
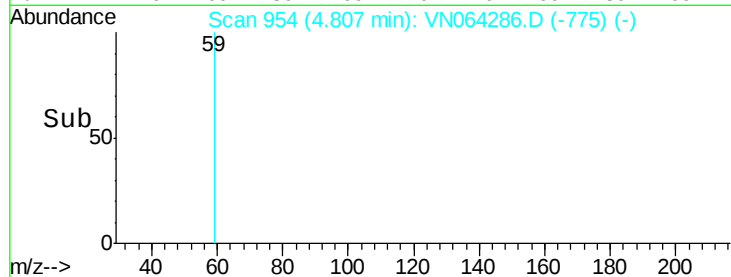
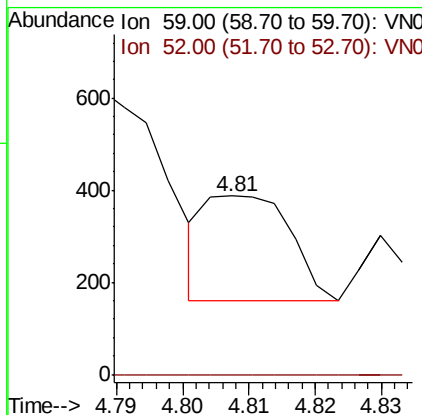
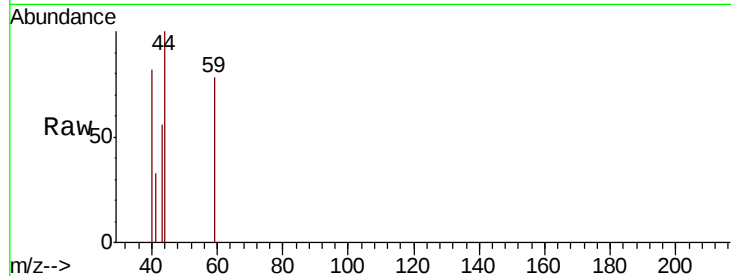


#23

tert-Butyl Alcohol
 Concen: 0.366 ug/l
 RT: 4.81 min Scan# 954
 Delta R.T. 0.08 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

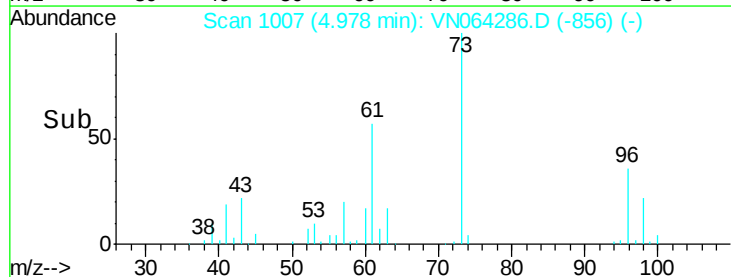
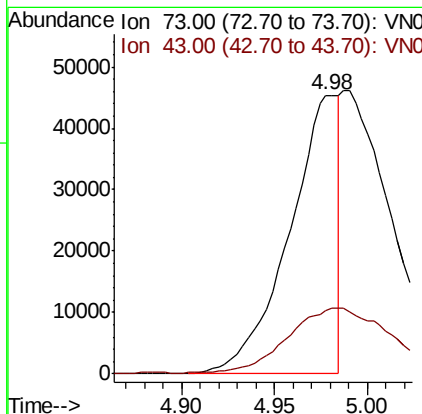
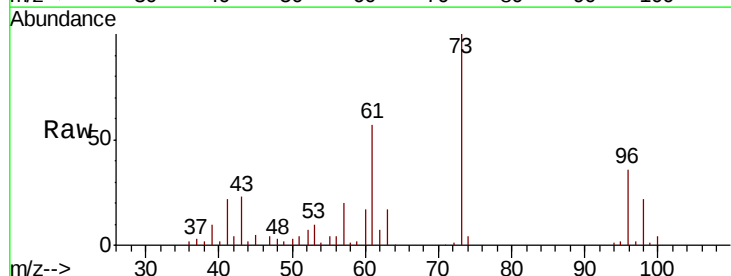
Tot Ion: 59 Resp: 204
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.2 0.2#

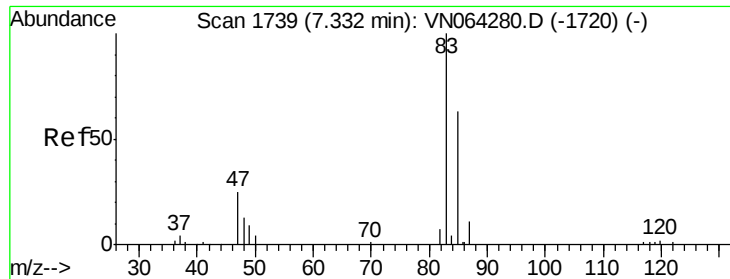


#24

Methyl tert-Butyl Ether
 Concen: 9.113 ug/l
 RT: 4.98 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 73 Resp: 84084
 Ion Ratio Lower Upper
 73 100
 43 50.0 19.7 29.5#

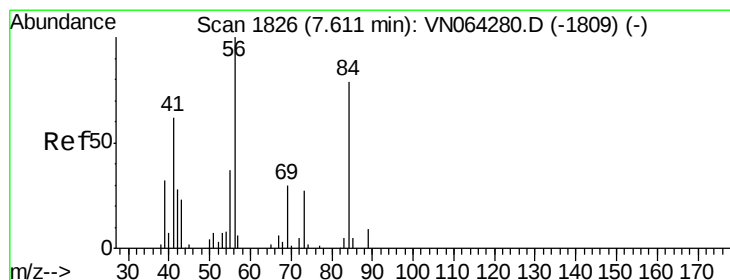
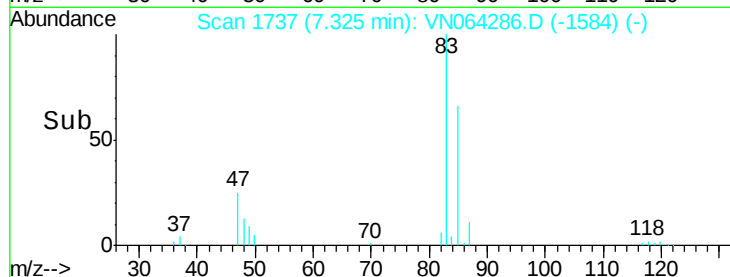
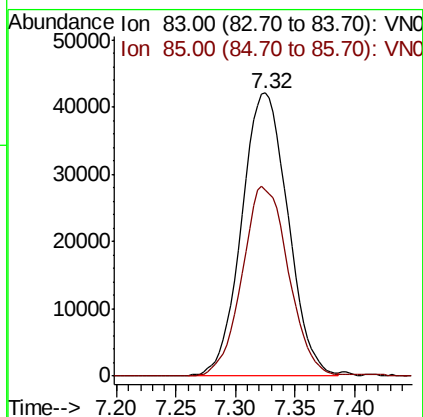
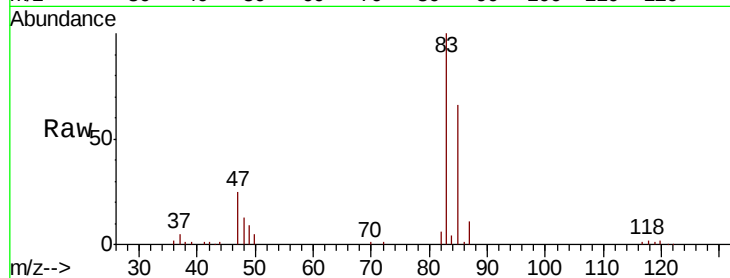




#25
Chloroform
Concen: 18.122 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

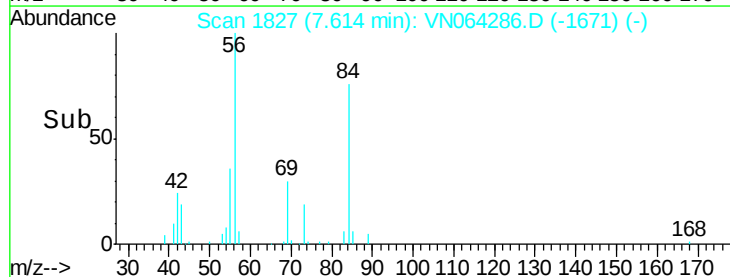
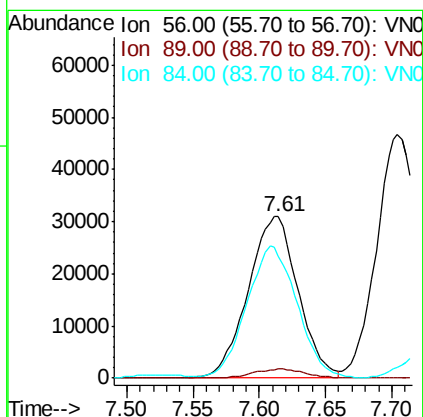
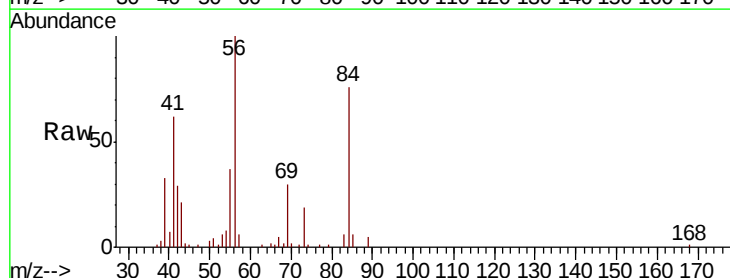
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102320

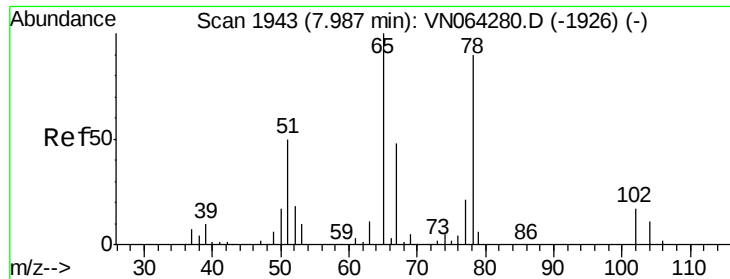
Tot Ion: 83 Resp: 113522
Ion Ratio Lower Upper
83 100
85 65.6 50.3 75.5



#26
Cyclohexane
Concen: 18.165 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion: 56 Resp: 81535
Ion Ratio Lower Upper
56 100
89 5.5 3.4 5.2#
84 82.6 66.2 99.2

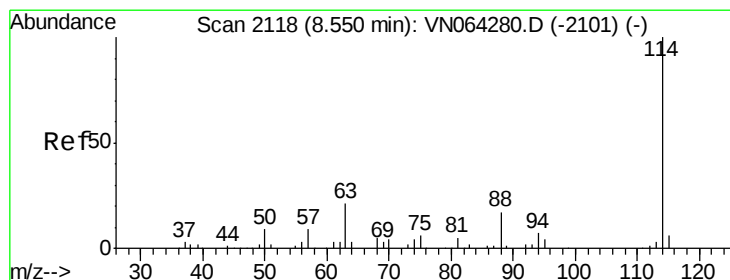
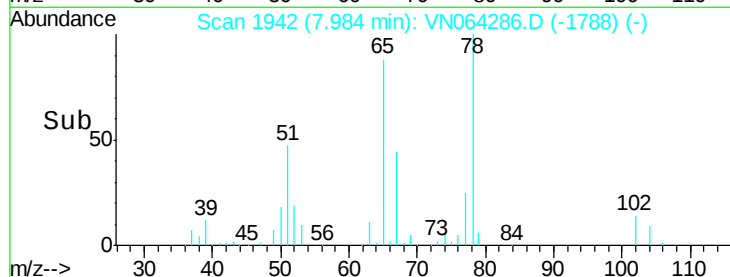
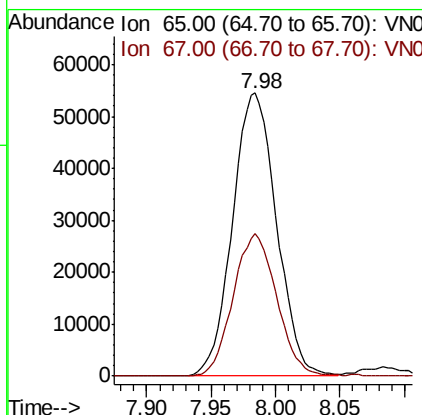
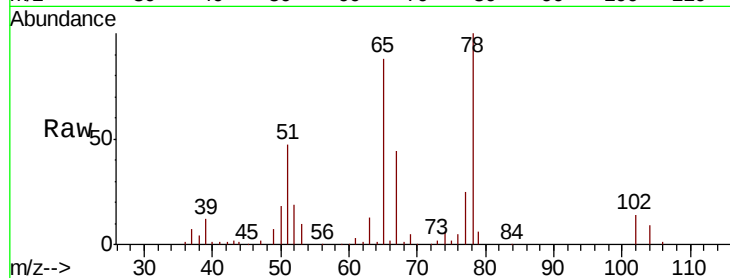




#27
 1,2-Dichloroethane-d4
 Concen: 31.223 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

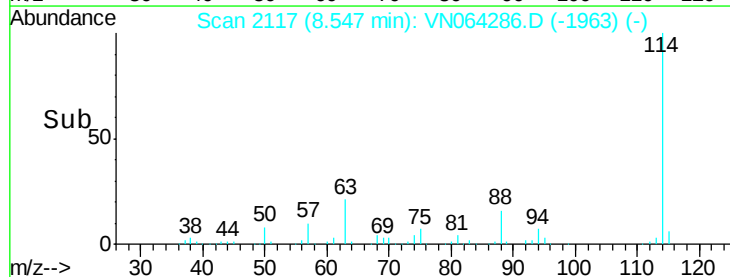
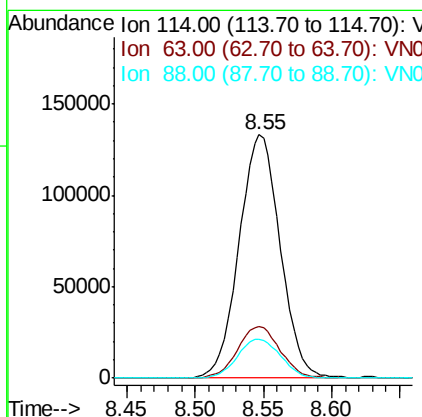
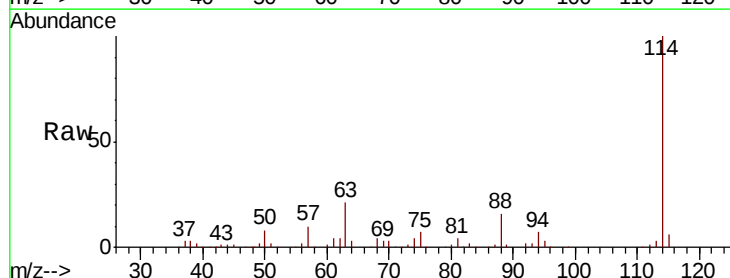
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

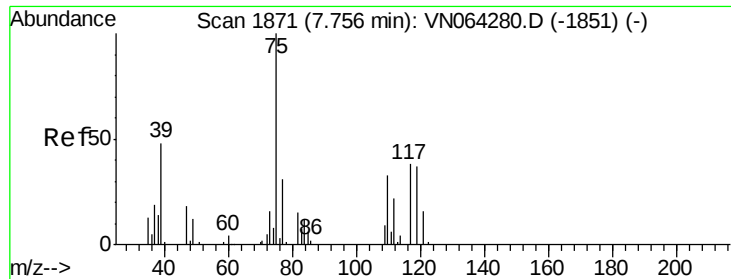
Tot Ion: 65 Resp: 129749
 Ion Ratio Lower Upper
 65 100
 67 49.7 38.4 57.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 114 Resp: 278070
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.8 26.8
 88 16.8 13.8 20.8

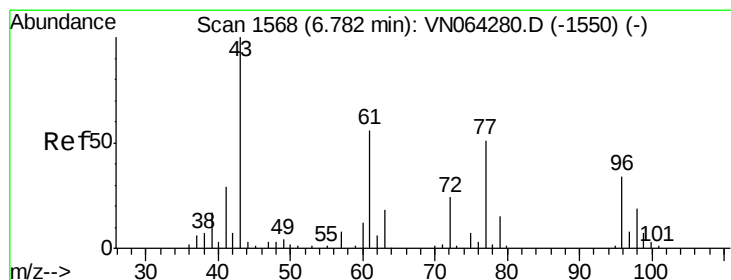
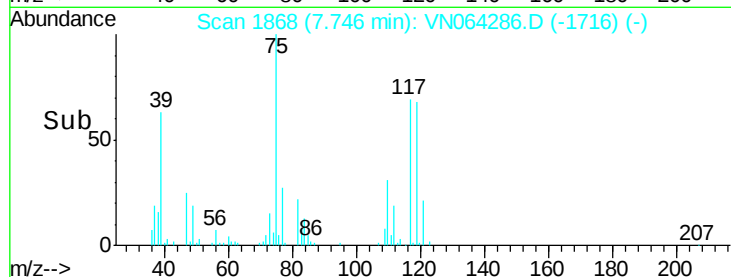
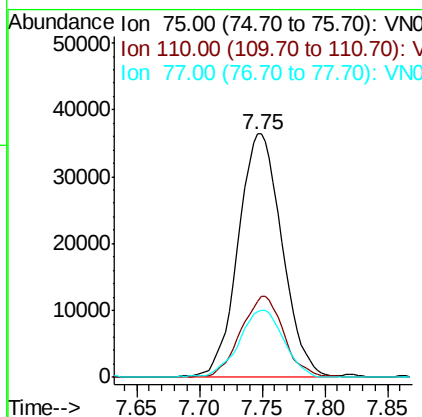
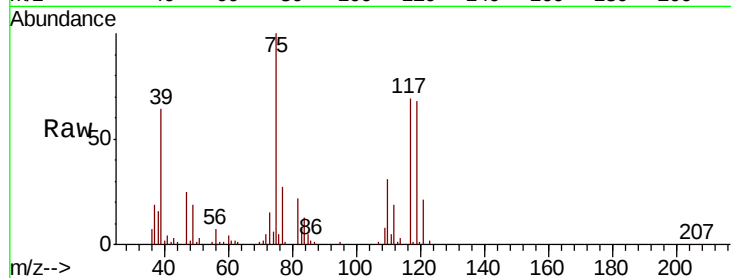




#29
 1,1-Dichloropropene
 Concen: 18.413 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

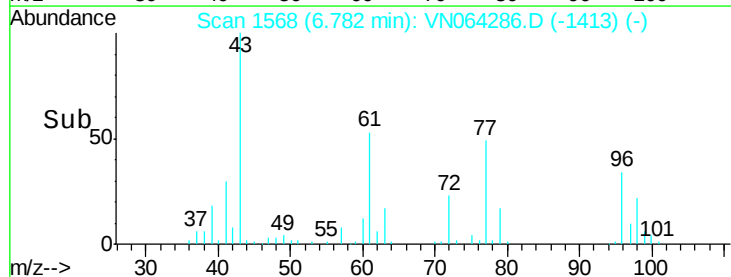
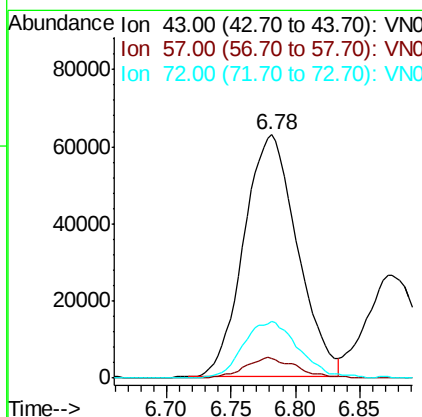
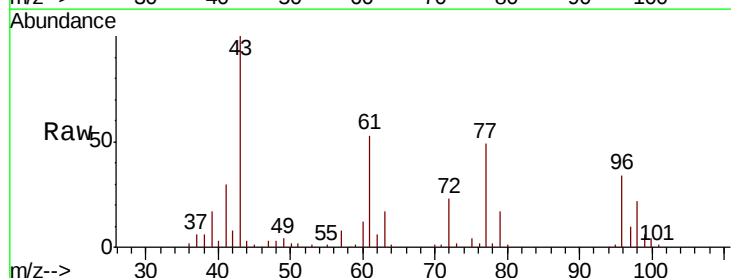
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

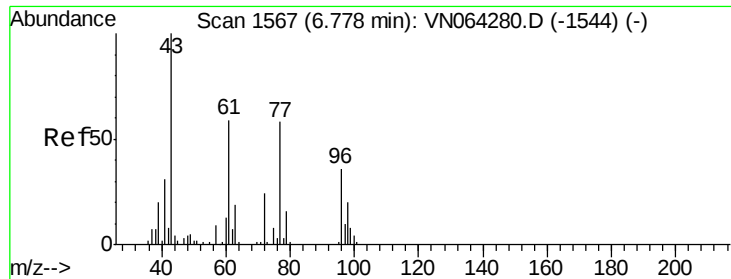
Tot Ion	Ratio	Lower	Upper
75	100		
110	32.4	0.0	66.2
77	28.0	0.0	64.4



#30
 2-Butanone
 Concen: 85.711 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.4	9.6
72	24.3	19.4	29.0

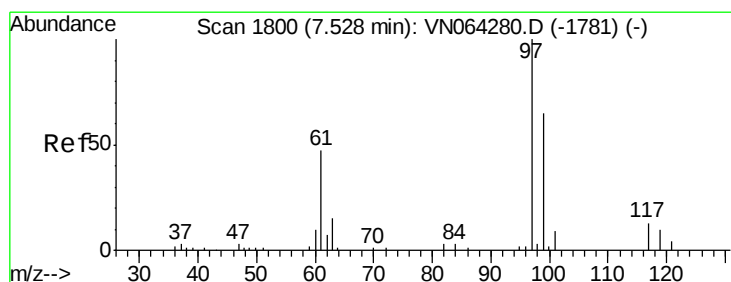
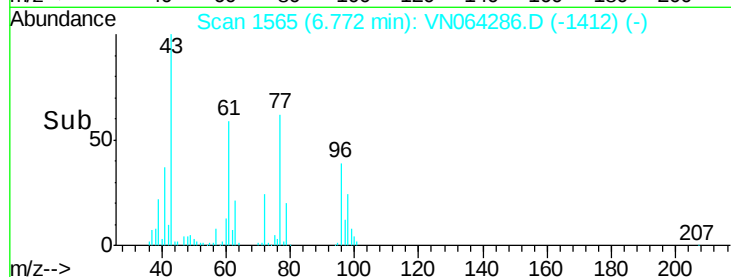
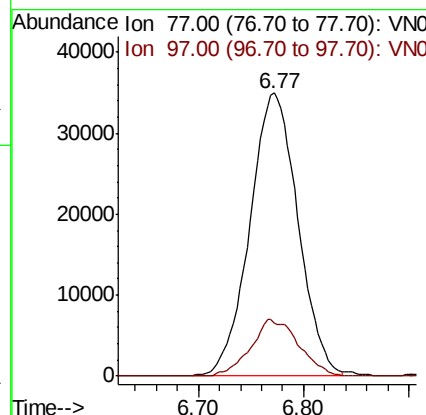
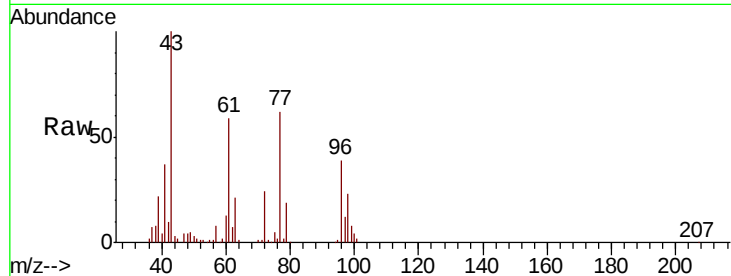




#31
 2,2-Dichloropropane
 Concen: 18.438 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

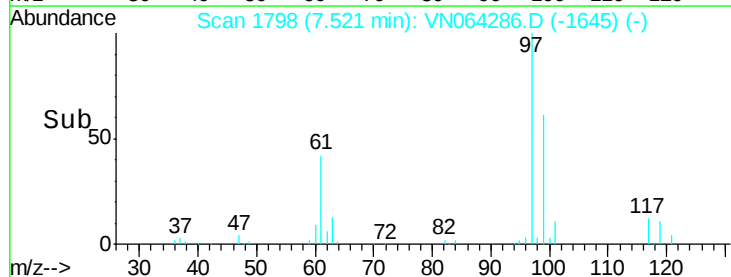
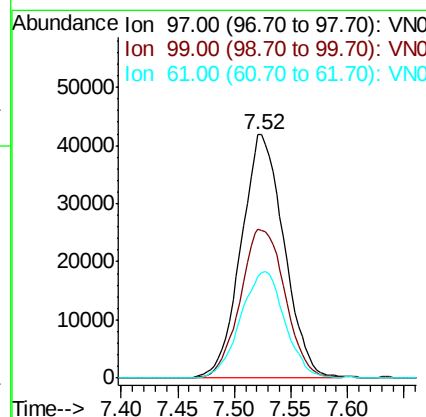
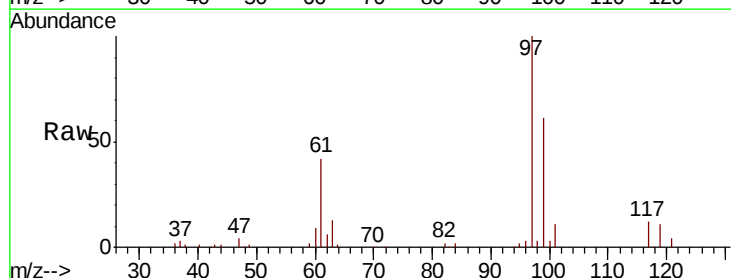
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

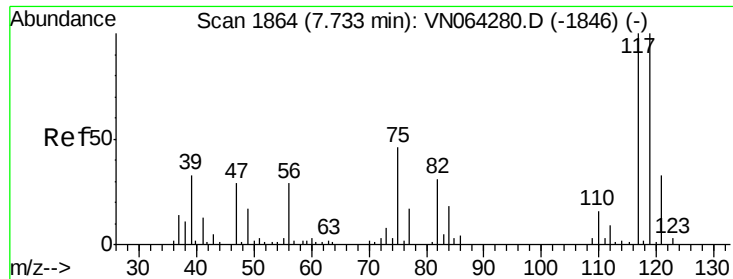
Tot Ion: 77 Resp: 110931
 Ion Ratio Lower Upper
 77 100
 97 11.3 15.1 22.7#



#32
 1,1,1-Trichloroethane
 Concen: 18.036 ug/l
 RT: 7.52 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 97 Resp: 110780
 Ion Ratio Lower Upper
 97 100
 99 63.8 54.4 81.6
 61 45.1 37.5 56.3





#33

Carbon Tetrachloride

Concen: 18.130 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102320

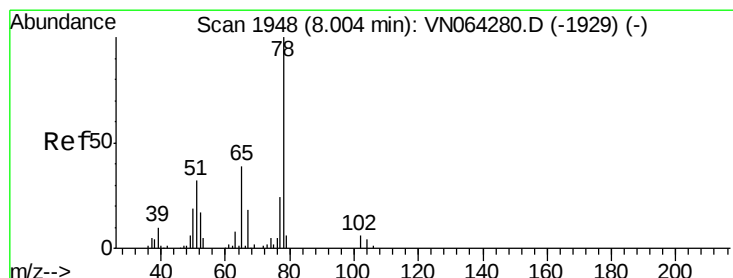
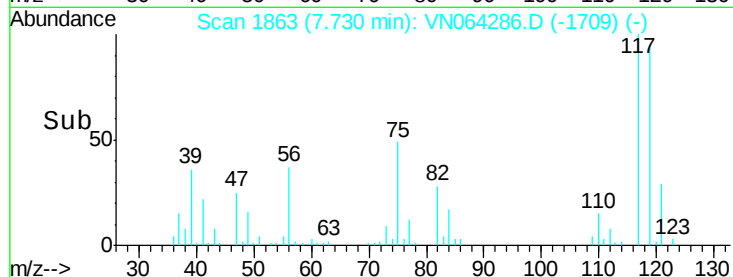
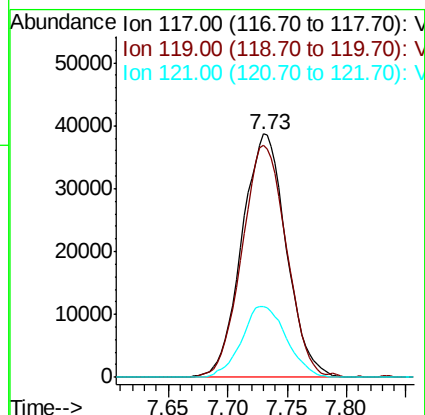
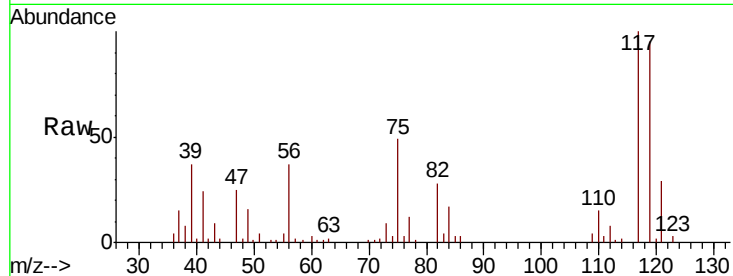
Tot Ion:117 Resp: 99758

Ion Ratio Lower Upper

117 100

119 95.5 80.1 120.1

121 29.0 26.2 39.2



#34

Benzene

Concen: 17.728 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

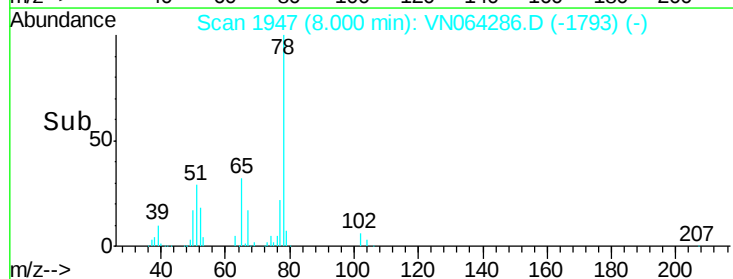
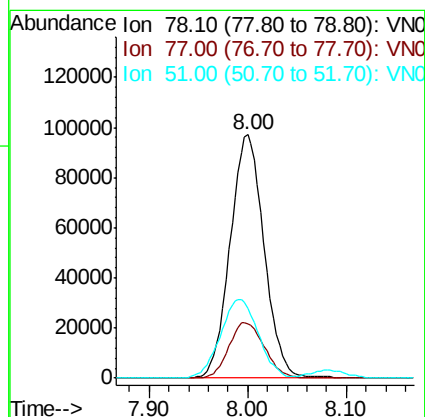
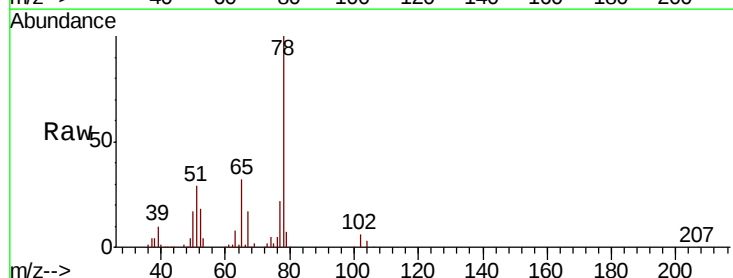
Tgt Ion: 78 Resp: 232885

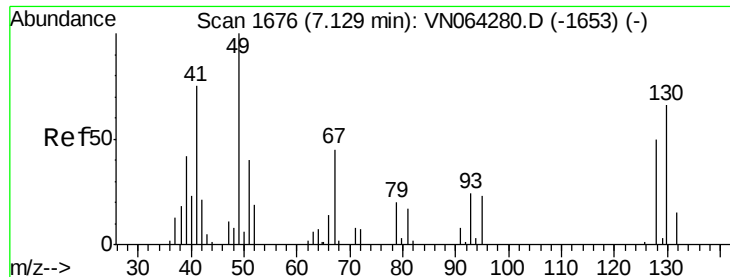
Ion Ratio Lower Upper

78 100

77 22.4 19.2 28.8

51 28.0 25.2 37.8

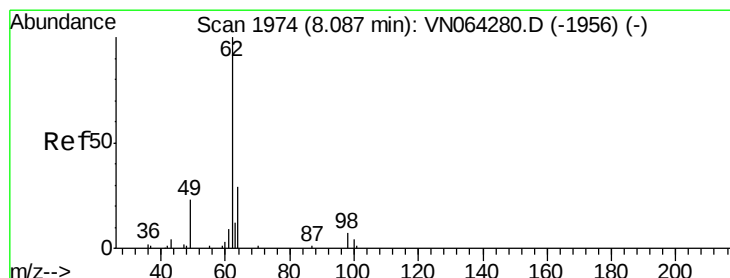
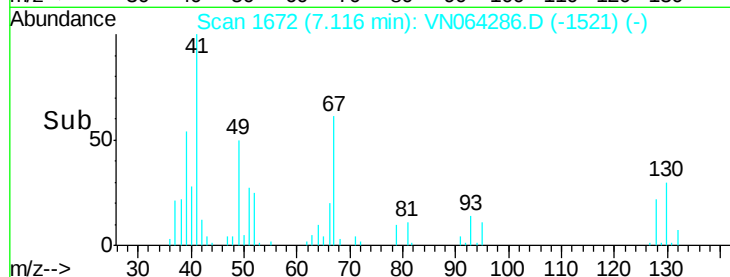
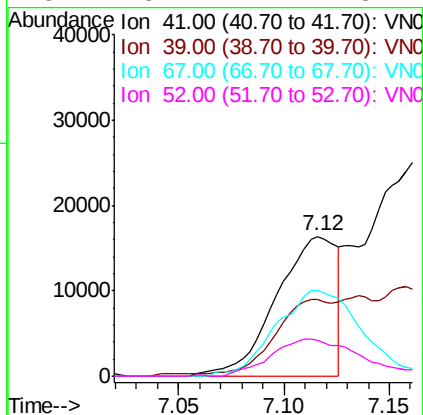
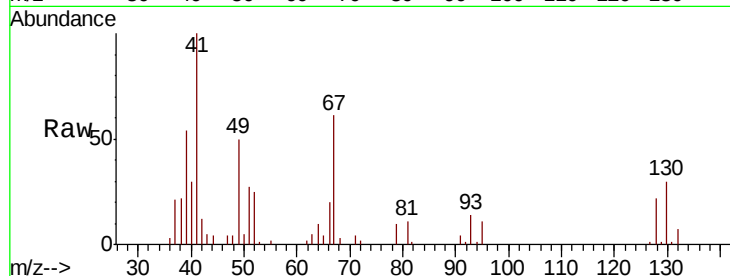




#35
Methacrylonitrile
Concen: 15.355 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

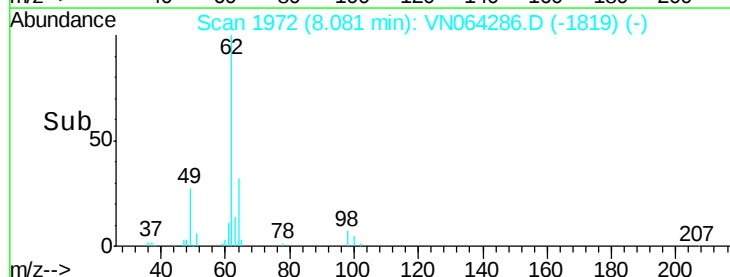
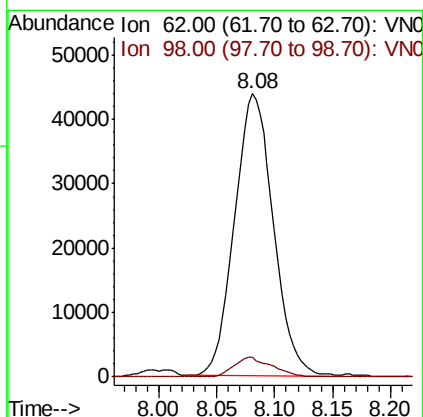
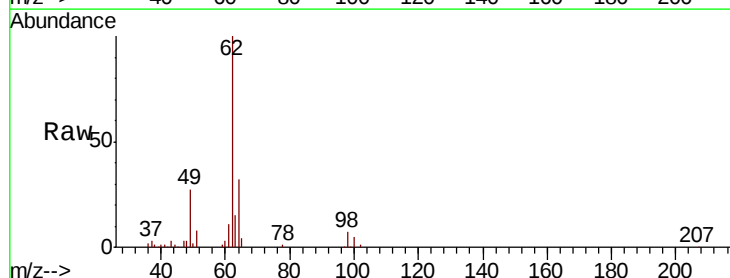
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102320

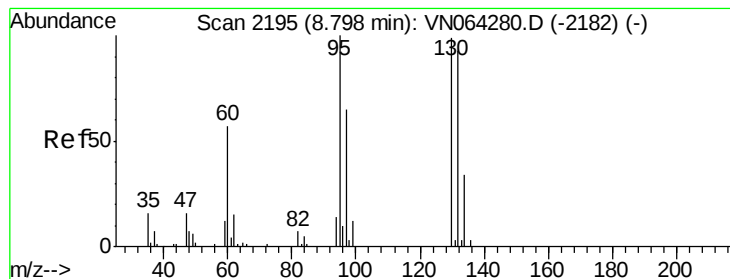
Tot Ion:	41	Resp:	32683
Ion	Ratio	Lower	Upper
41	100		
39	52.8	28.0	83.9
67	61.4	29.9	89.8
52	25.2	12.4	37.2



#36
1,2-Dichloroethane
Concen: 18.240 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion:	62	Resp:	102162
Ion	Ratio	Lower	Upper
62	100		
98	6.8	5.4	8.0





#37

Trichloroethene

Concen: 17.885 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

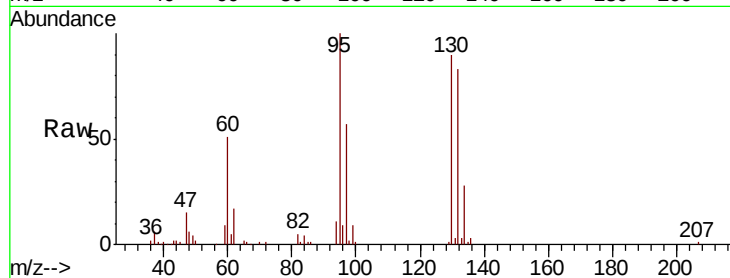
ICVFN102320

Tot Ion:130 Resp: 64659

Ion Ratio Lower Upper

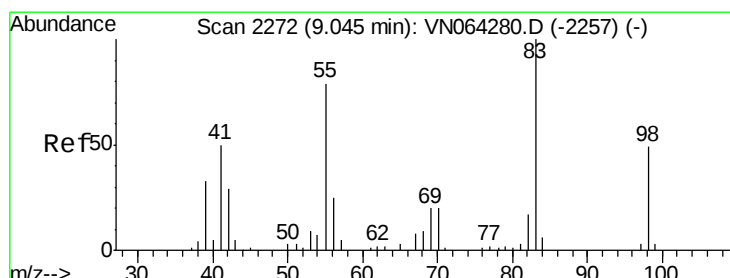
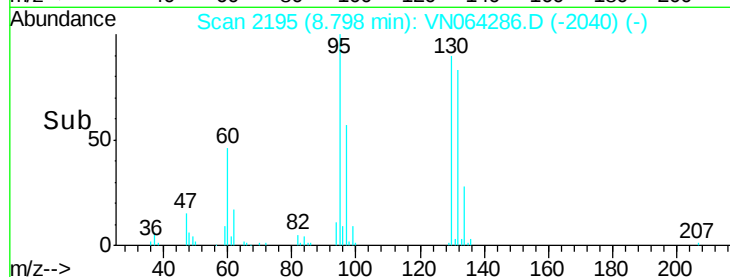
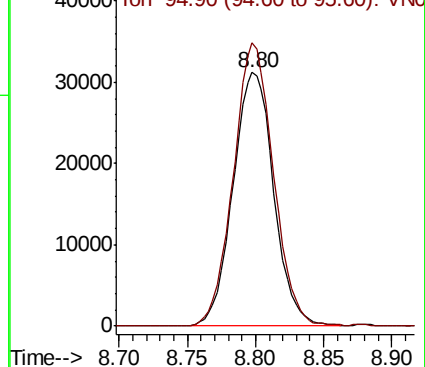
130 100

95 111.5 81.2 121.8



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 18.206 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

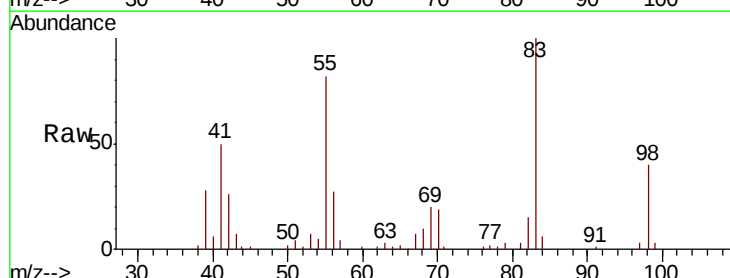
Tgt Ion: 83 Resp: 79898

Ion Ratio Lower Upper

83 100

55 81.7 40.3 120.9

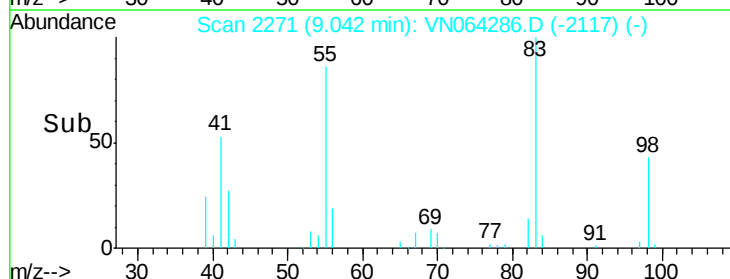
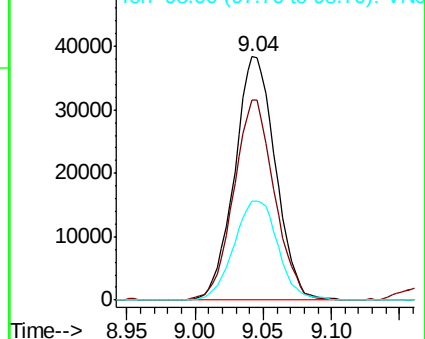
98 43.8 25.3 75.8

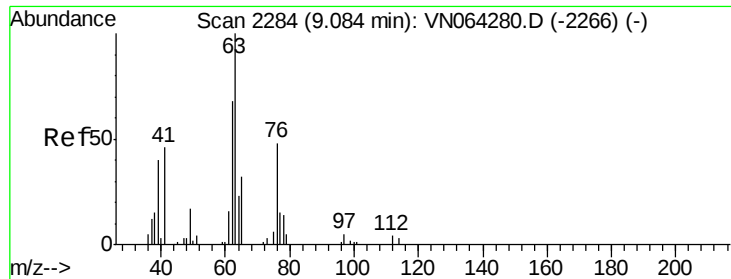


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

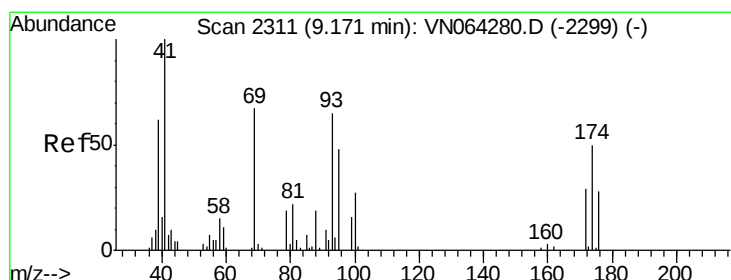
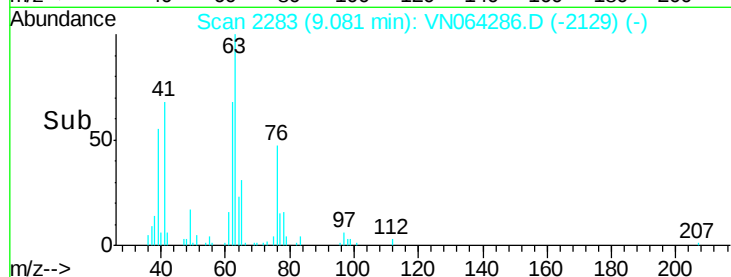
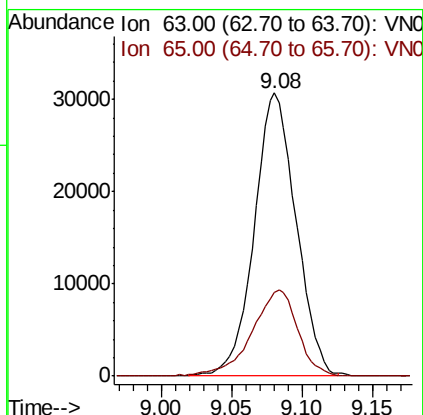
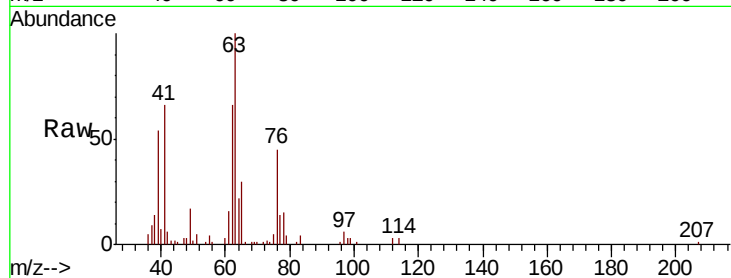




#39
 1,2-Dichloropropane
 Concen: 18.068 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

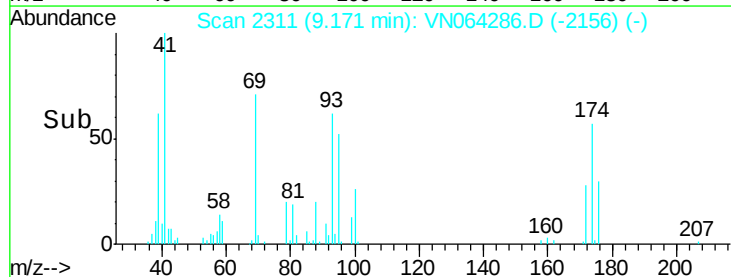
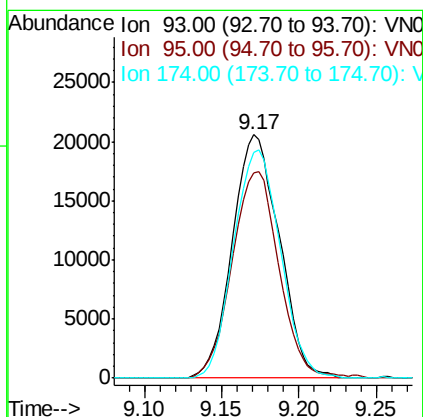
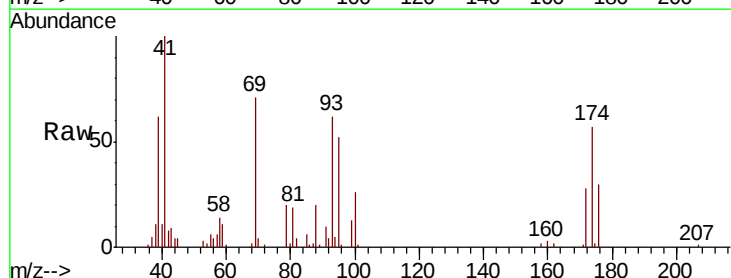
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

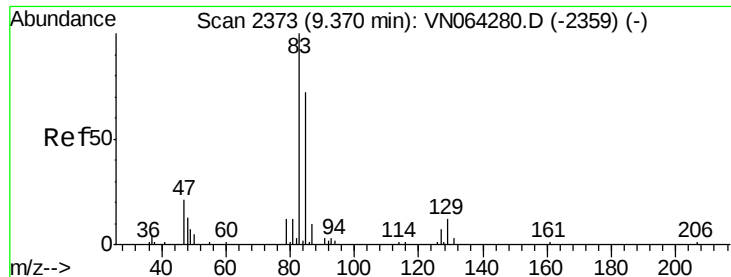
Tot Ion: 63 Resp: 63454
 Ion Ratio Lower Upper
 63 100
 65 29.7 26.1 39.1



#40
 Dibromomethane
 Concen: 17.630 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 93 Resp: 43318
 Ion Ratio Lower Upper
 93 100
 95 84.9 0.0 156.6
 174 93.8 0.0 168.8





#41

Bromodichloromethane

Concen: 17.714 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102320

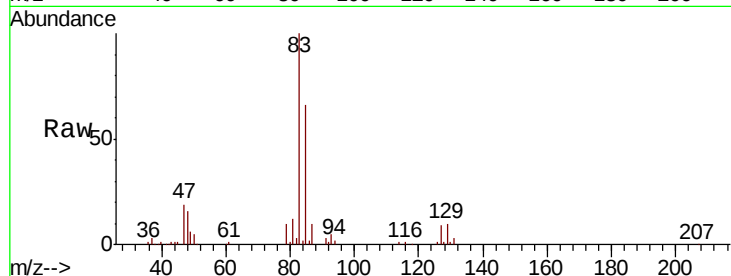
Tot Ion: 83 Resp: 94387

Ion Ratio Lower Upper

83 100

85 66.2 57.8 86.6

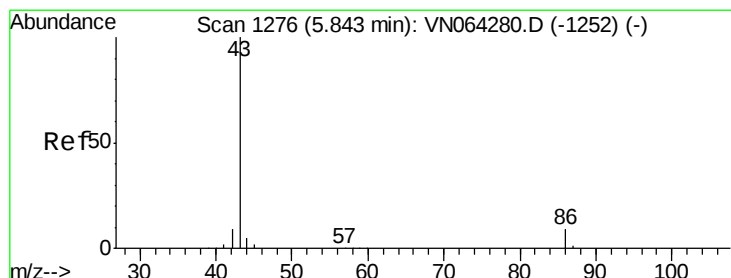
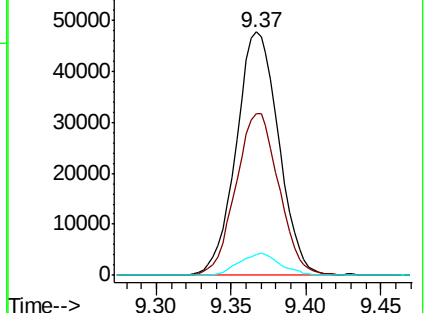
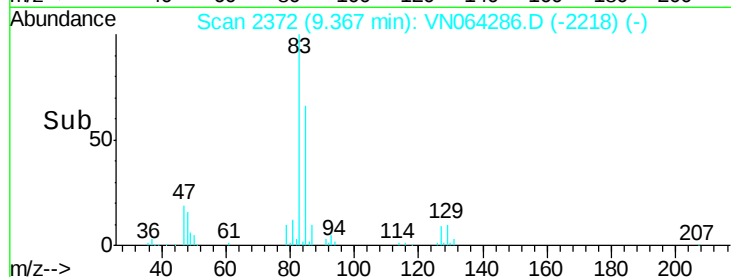
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN064286.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN064286.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN064286.D (-2218) (-)



#42

Vinyl Acetate

Concen: 88.548 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064286.D

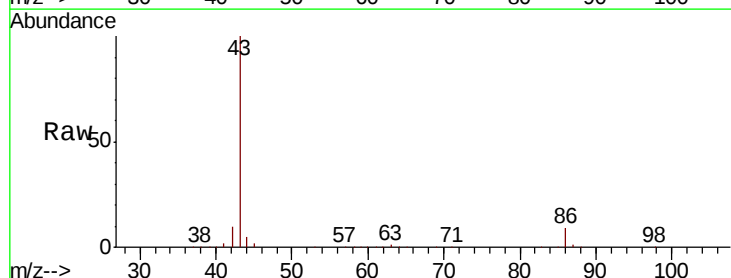
Acq: 23 Oct 2020 14:58

Tgt Ion: 43 Resp: 824522

Ion Ratio Lower Upper

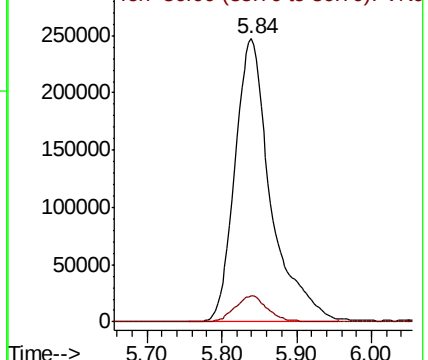
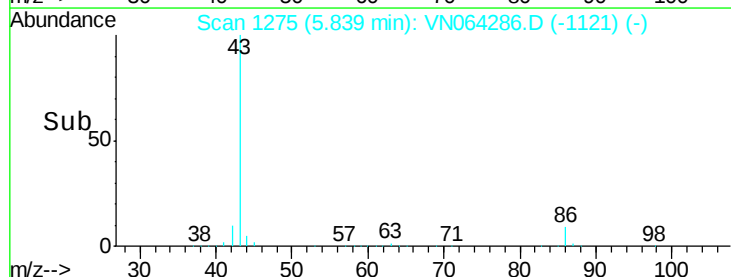
43 100

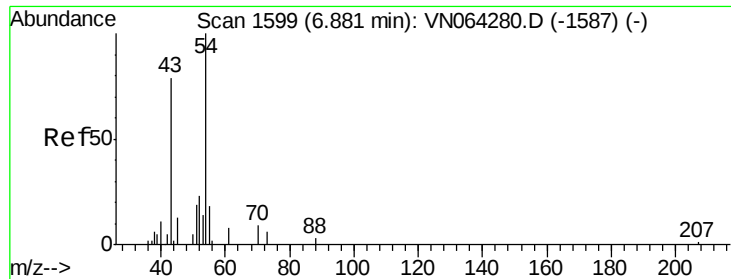
86 8.3 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN064286.D (-1121) (-)

Ion 86.00 (85.70 to 86.70): VN064286.D (-1121) (-)





#43

Ethyl Acetate

Concen: 17.622 ug/l

RT: 6.87 min Scan# 1596

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

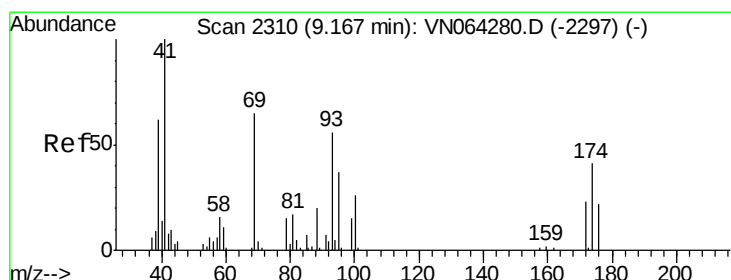
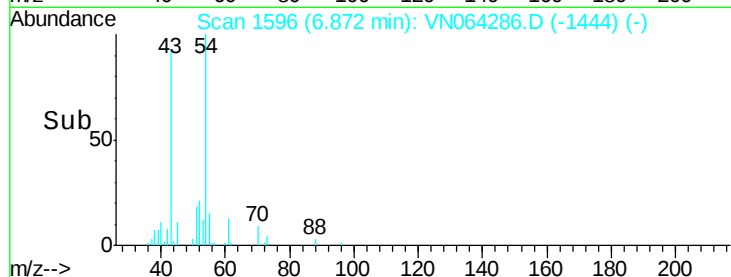
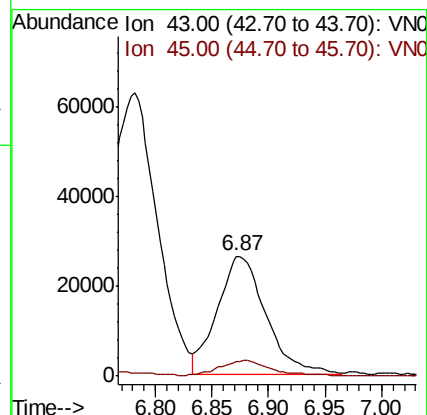
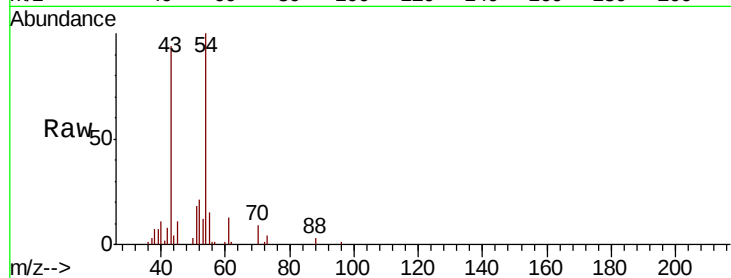
ICVFN102320

Tot Ion: 43 Resp: 78759

Ion Ratio Lower Upper

43 100

45 13.3 8.2 12.4#



#45

1,4-Dioxane

Concen: 373.988 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

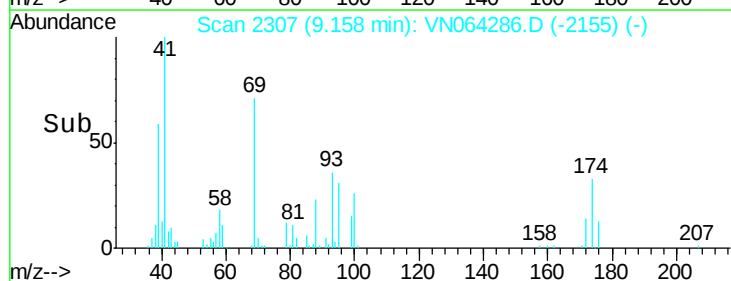
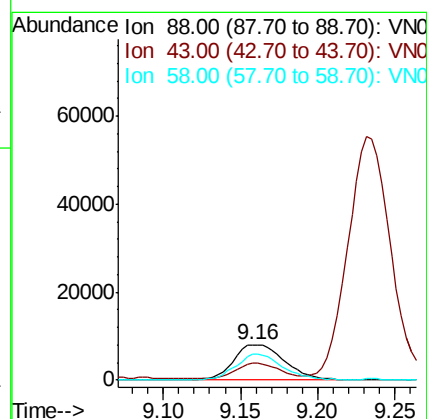
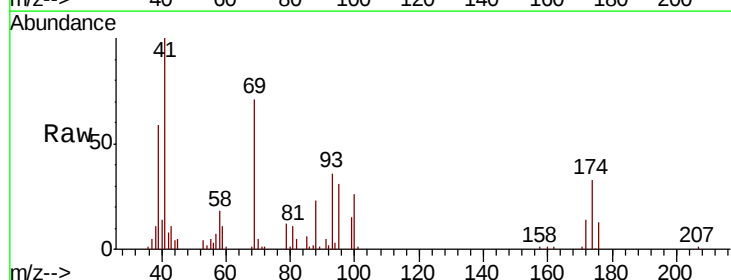
Tgt Ion: 88 Resp: 18309

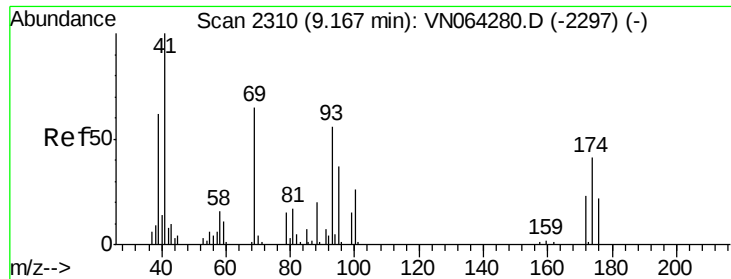
Ion Ratio Lower Upper

88 100

43 38.2 34.7 52.1

58 67.8 65.8 98.6

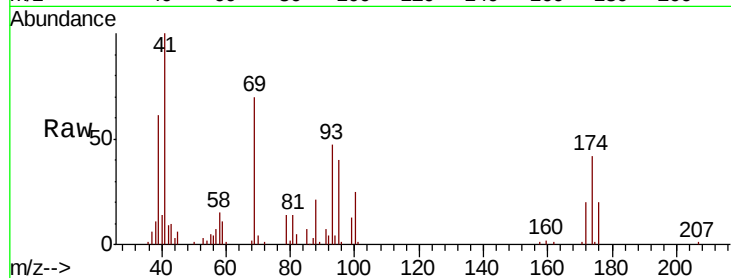




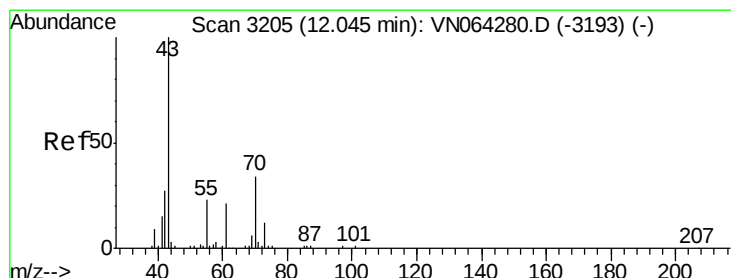
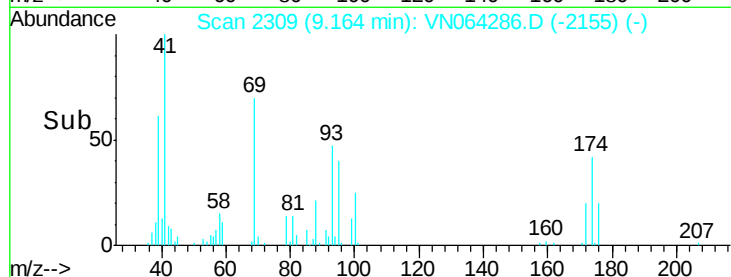
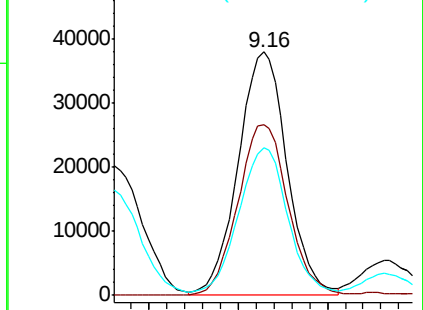
#46
Methyl methacrylate
Concen: 18.697 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102320

Tot Ion: 41 Resp: 72469
Ion Ratio Lower Upper
41 100
69 71.3 32.6 97.7
39 59.9 31.1 93.3

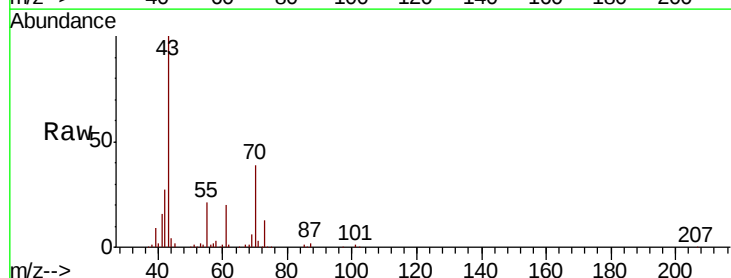


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

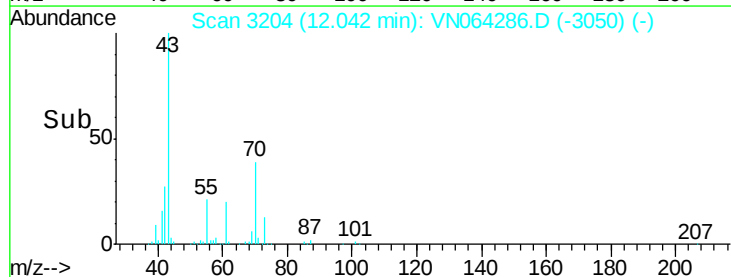
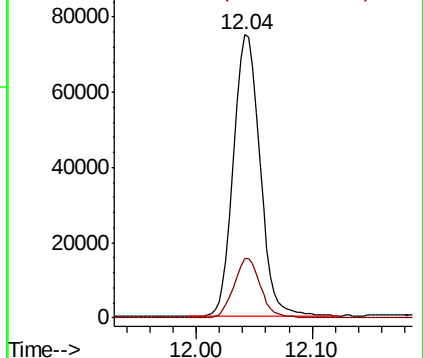


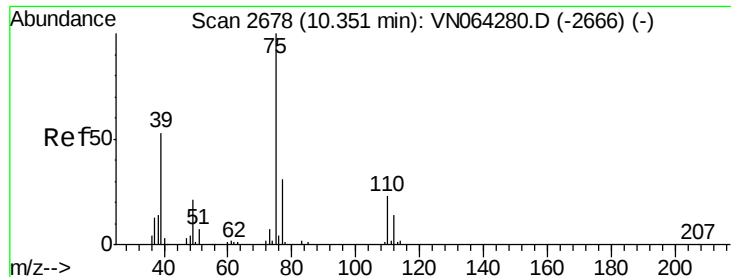
#47
n-ethyl acetate
Concen: 17.126 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion: 43 Resp: 118449
Ion Ratio Lower Upper
43 100
55 20.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 55.00 (54.70 to 55.70): VN0





#48

t-1,3-Dichloropropene

Concen: 17.719 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

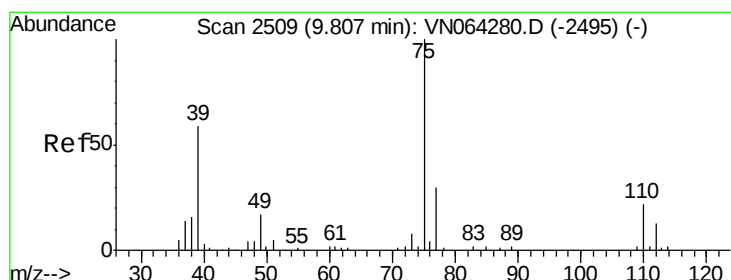
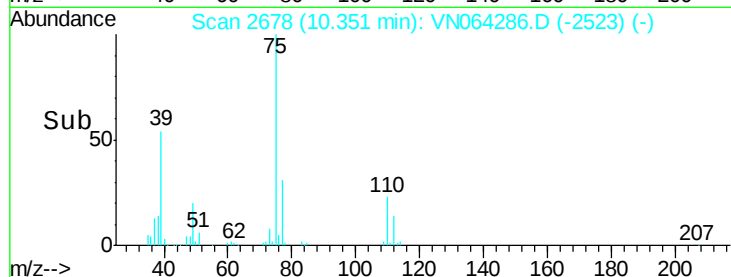
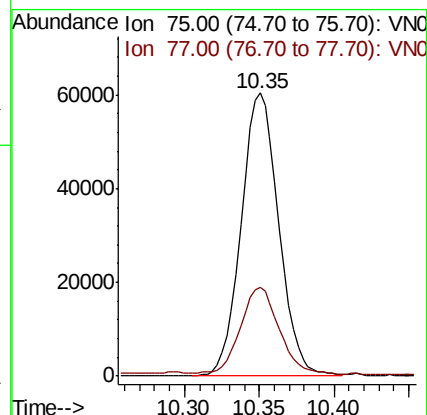
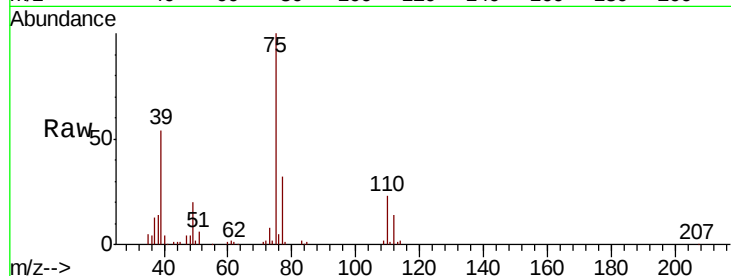
ICVVN102320

Tot Ion: 75 Resp: 105404

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0



#49

cis-1,3-Dichloropropene

Concen: 17.642 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

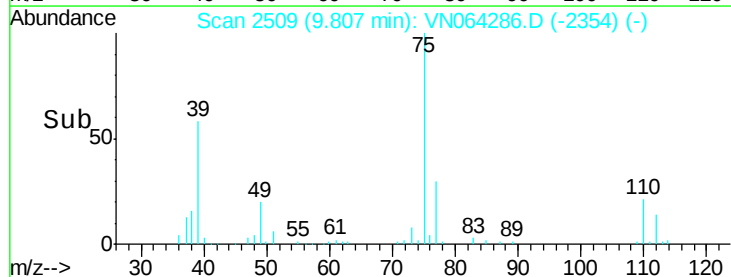
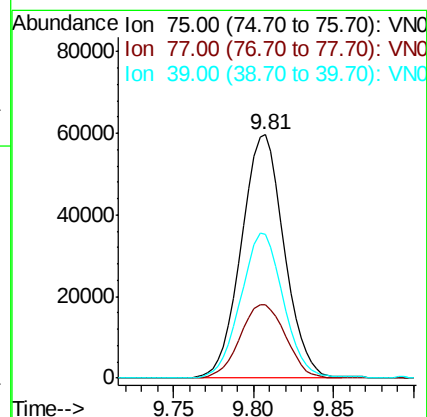
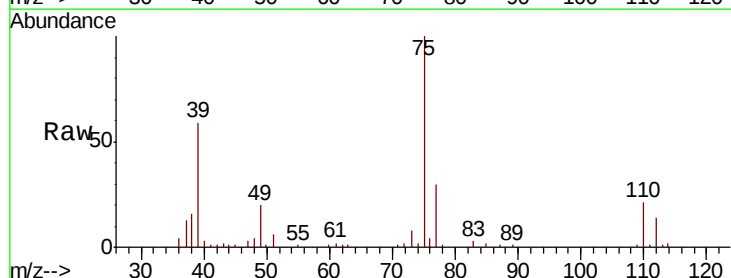
Tgt Ion: 75 Resp: 108993

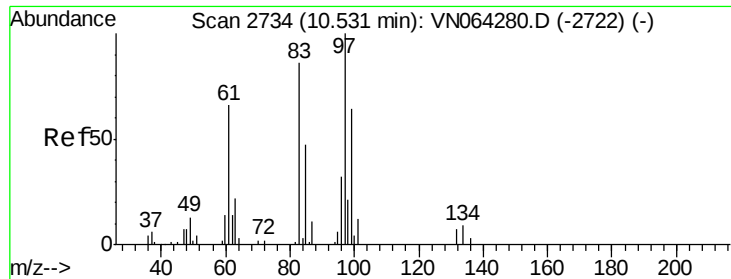
Ion Ratio Lower Upper

75 100

77 30.0 23.7 35.5

39 58.6 46.9 70.3

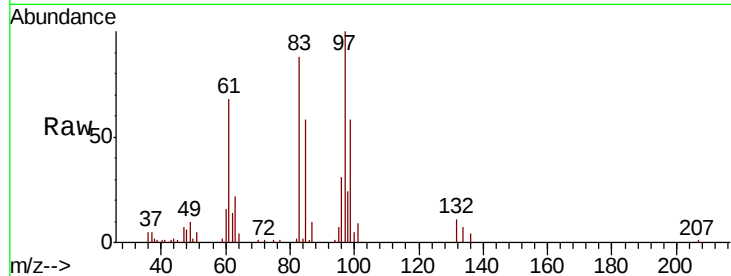




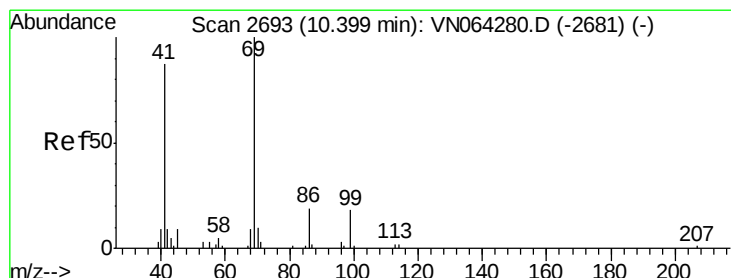
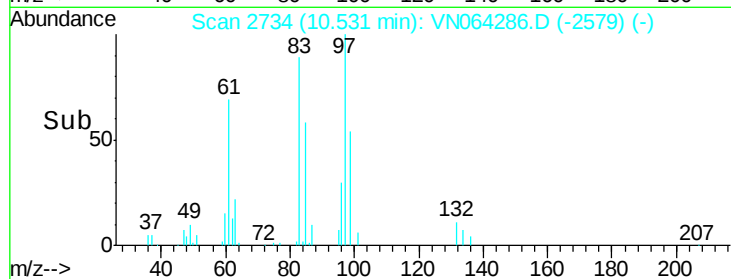
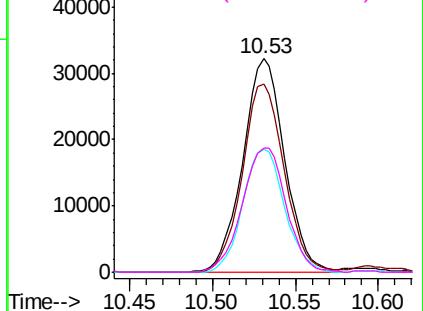
#50
 1,1,2-Trichloroethane
 Concen: 17.494 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

Tot Ion:	97	Resp:	56622
Ion	Ratio	Lower	Upper
97	100		
83	88.2	68.9	103.3
85	57.6	37.8	56.8#
99	58.4	51.0	76.6

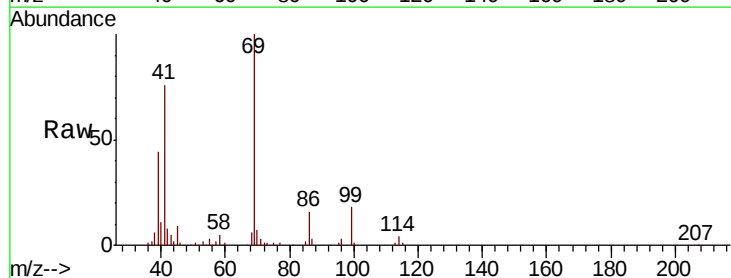


Abundance Ion 97.00 (96.70 to 97.70): VN0
 Ion 82.95 (82.65 to 83.65): VN0
 Ion 84.95 (84.65 to 85.65): VN0
 Ion 98.95 (98.65 to 99.65): VN0

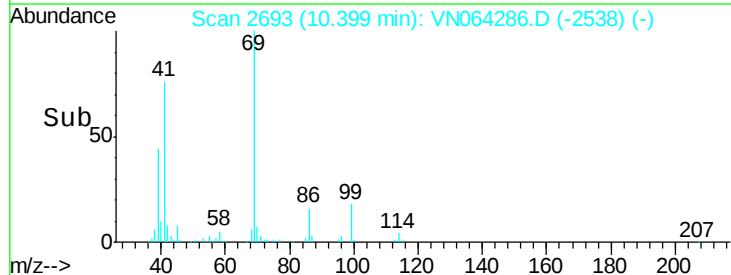
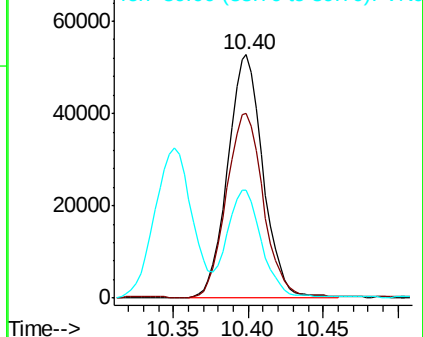


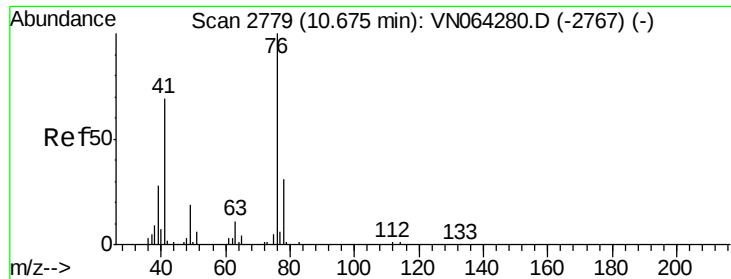
#51
 Ethyl methacrylate
 Concen: 17.400 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion:	69	Resp:	86620
Ion	Ratio	Lower	Upper
69	100		
41	75.6	43.6	130.9
39	43.5	25.8	77.3



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





#52

1,3-Dichloropropane

Concen: 17.015 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

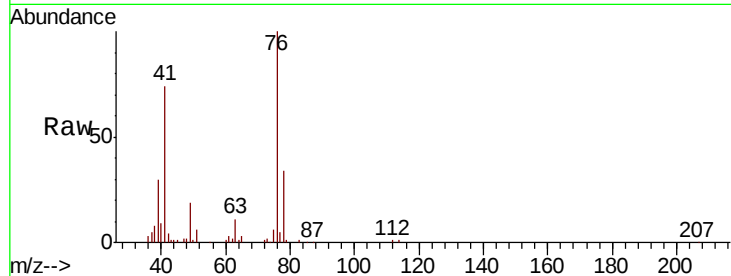
ICVFN102320

Tot Ion: 76 Resp: 97374

Ion Ratio Lower Upper

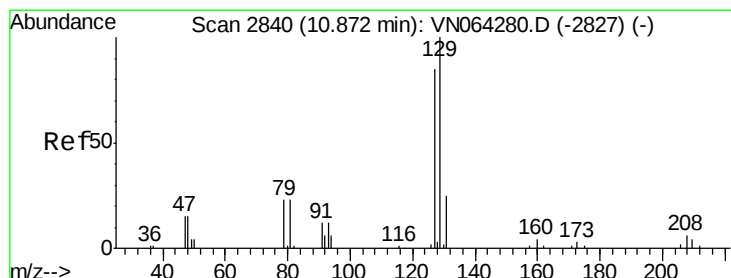
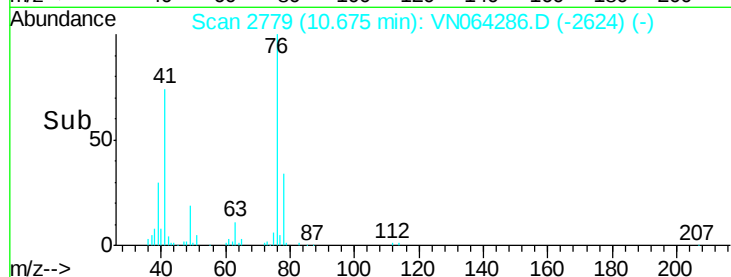
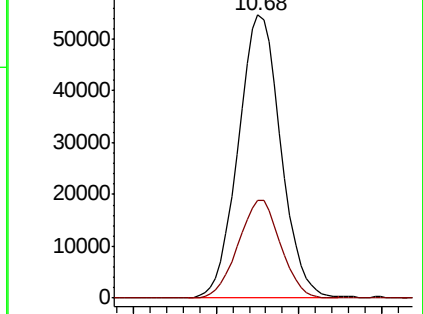
76 100

78 34.3 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VN064286.D (-2767) (-)

Ion 78.00 (77.70 to 78.70): VN064286.D (-2767) (-)



#53

Dibromochloromethane

Concen: 17.180 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064286.D

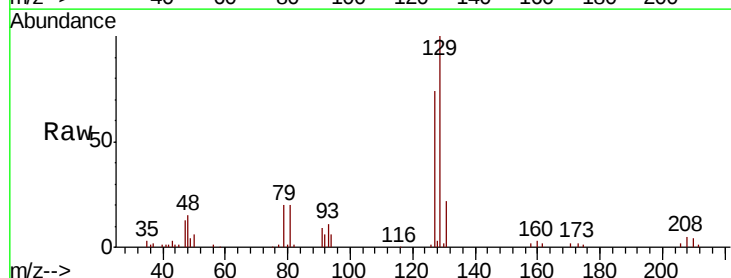
Acq: 23 Oct 2020 14:58

Tgt Ion: 129 Resp: 69473

Ion Ratio Lower Upper

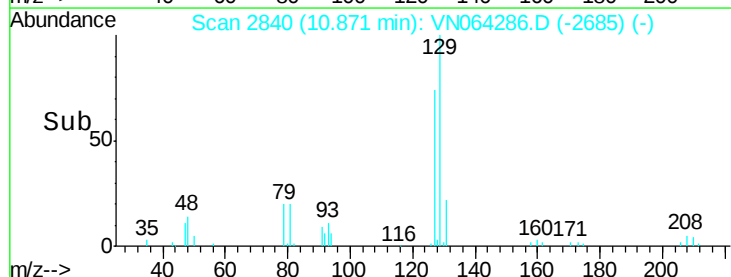
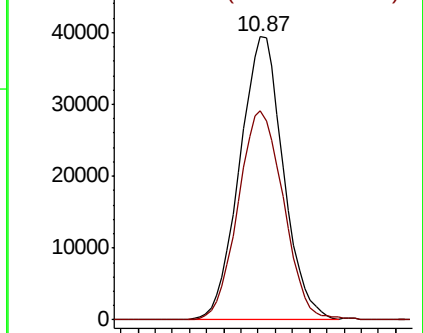
129 100

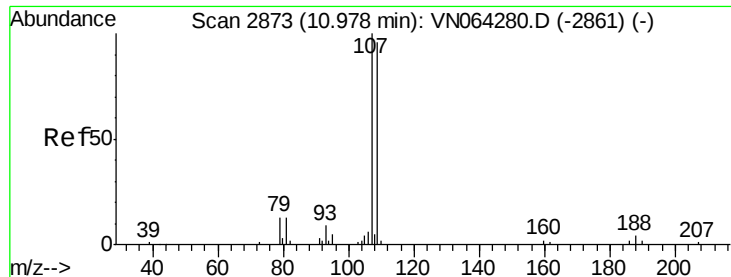
127 76.6 42.4 127.2



Abundance Ion 129.00 (128.70 to 129.70): VN064286.D (-2827) (-)

Ion 127.00 (126.70 to 127.70): VN064286.D (-2827) (-)

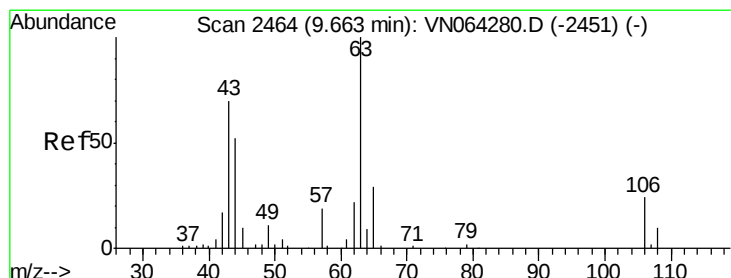
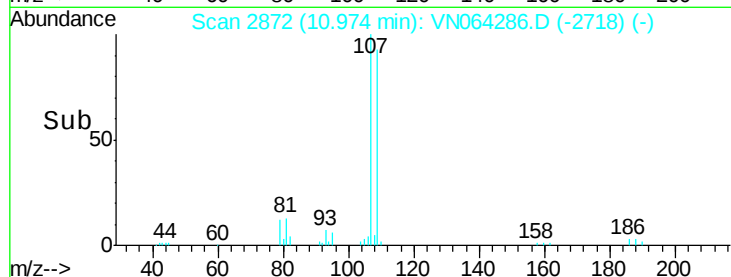
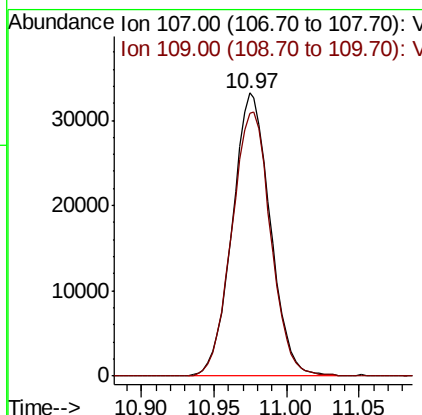
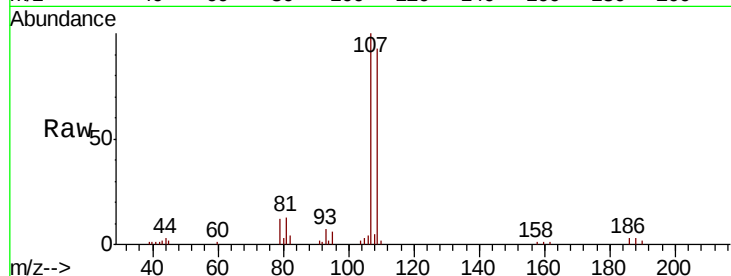




#54
 1,2-Dibromoethane
 Concen: 17.428 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

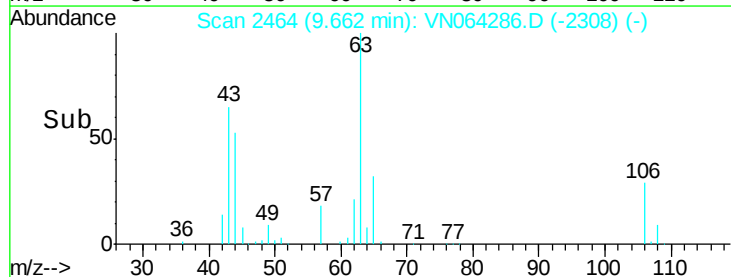
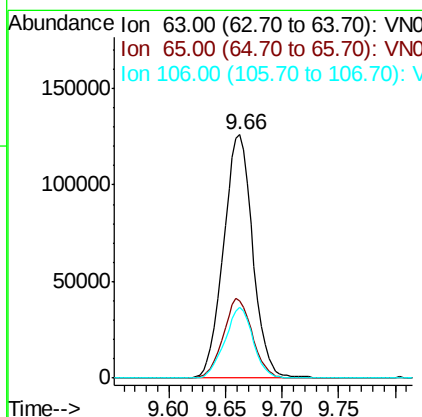
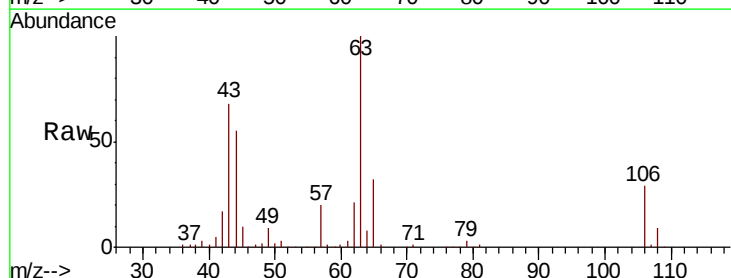
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

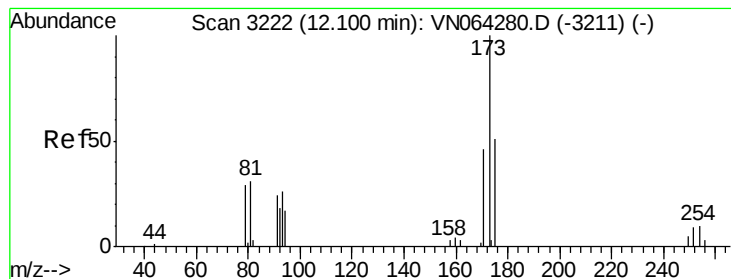
Tot Ion:107 Resp: 60276
 Ion Ratio Lower Upper
 107 100
 109 95.6 75.7 113.5



#55
 2-Chloroethyl vinyl ether
 Concen: 93.569 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 63 Resp: 226324
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.2 37.8
 106 27.9 20.6 31.0





#56

Bromoform

Concen: 16.104 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102320

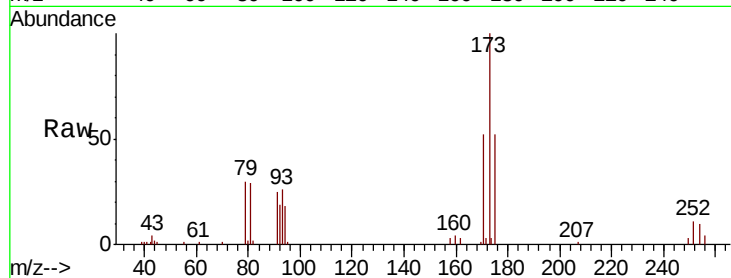
Tot Ion:173 Resp: 46041

Ion Ratio Lower Upper

173 100

175 50.3 39.5 59.3

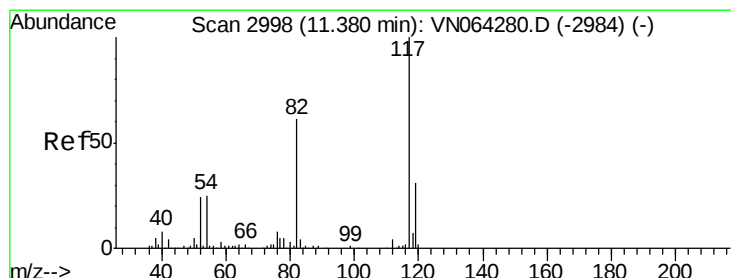
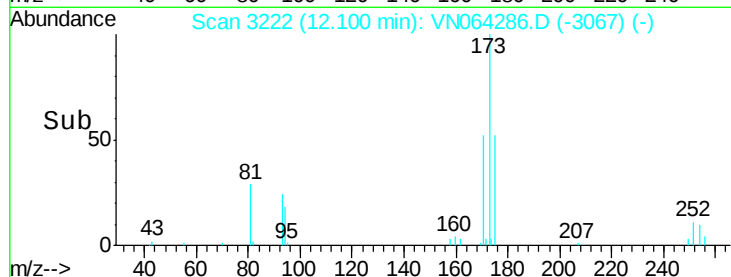
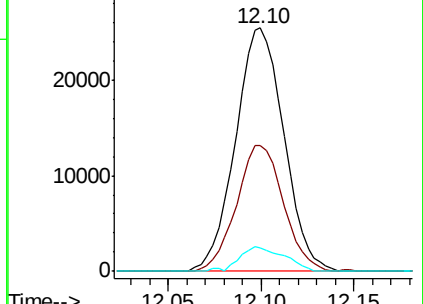
254 9.0 5.0 7.4#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

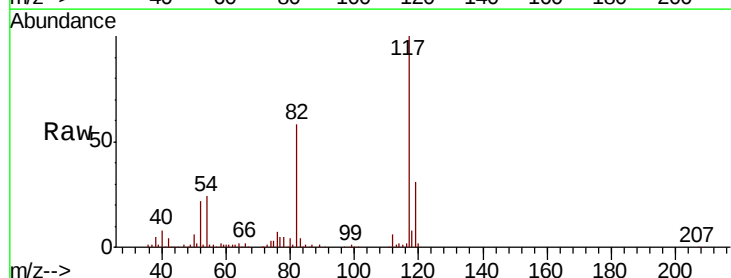
Tgt Ion:117 Resp: 248658

Ion Ratio Lower Upper

117 100

82 60.7 47.0 70.6

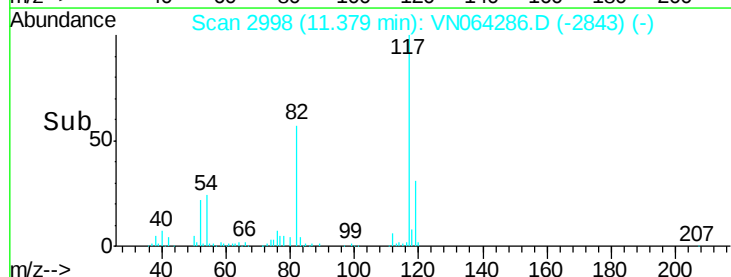
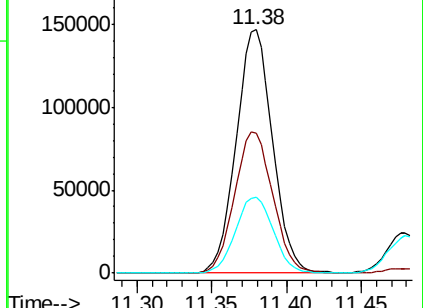
119 32.4 24.6 37.0

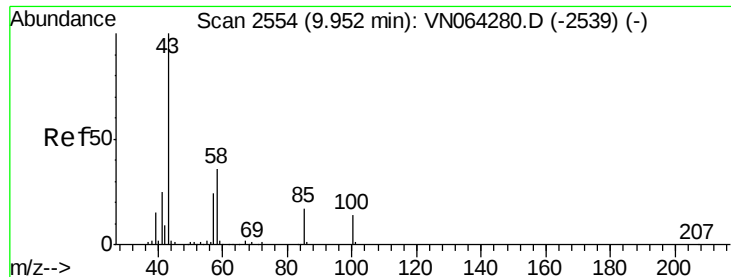


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

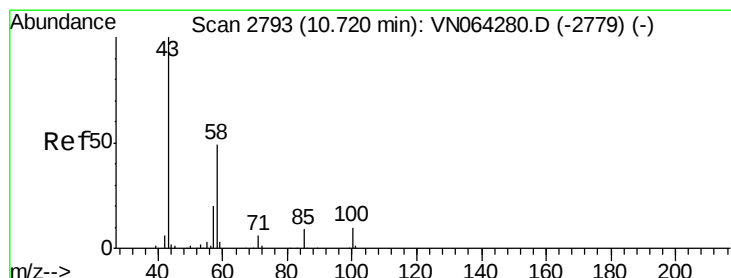
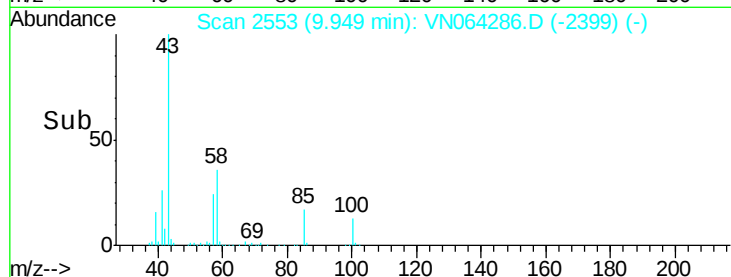
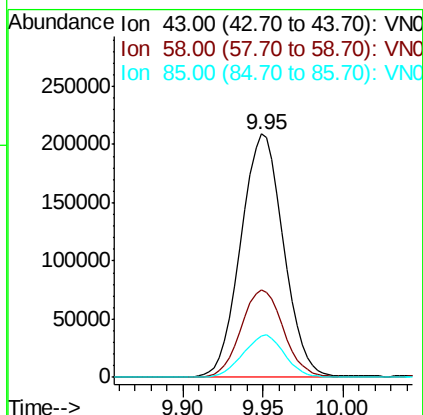
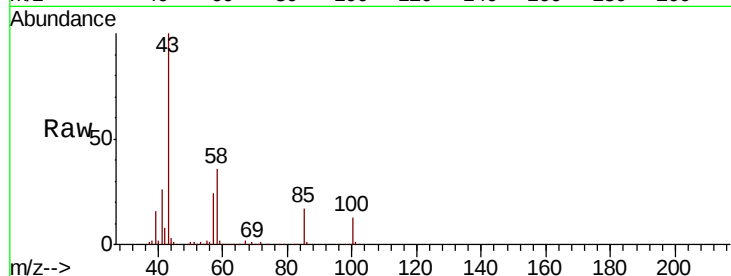




#58
4-Methyl-2-Pentanone
Concen: 88.113 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

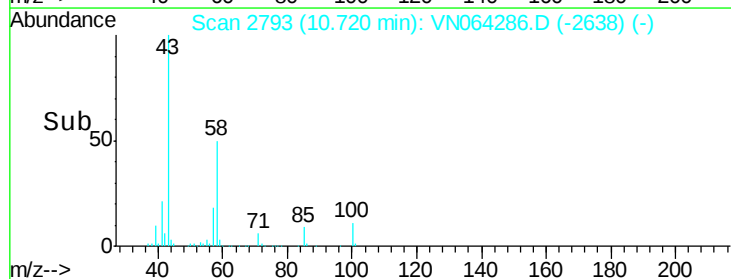
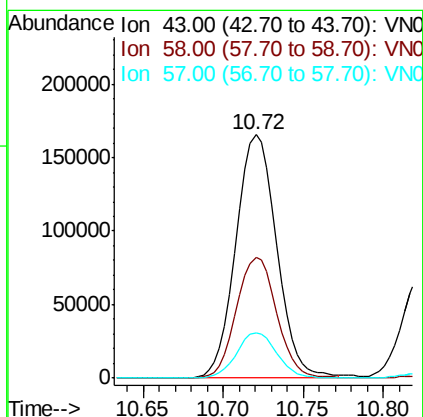
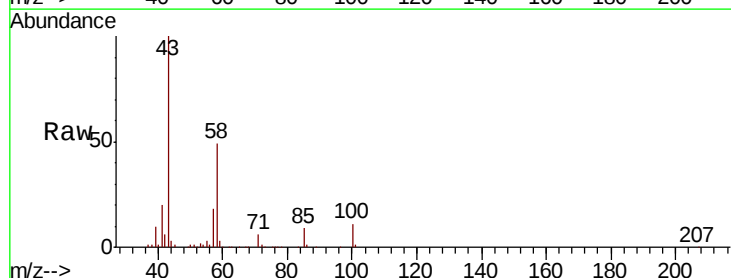
Instrument :
MSVOA_N
ClientSampled :
ICVVN102320

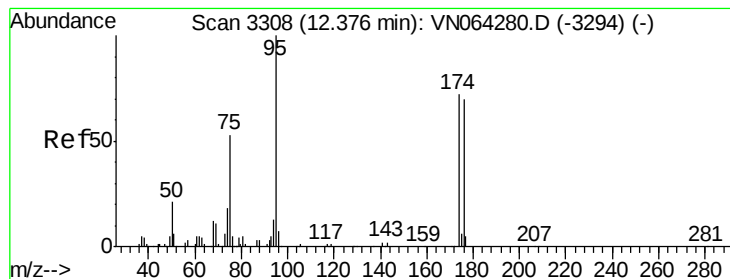
Tot Ion	43	Resp	377613
Ion Ratio	Lower	Upper	
43	100		
58	36.1	28.6	43.0
85	17.1	13.7	20.5



#59
2-Hexanone
Concen: 87.610 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion	43	Resp	284674
Ion Ratio	Lower	Upper	
43	100		
58	49.9	40.5	60.7
57	18.7	15.4	23.0





#60

4-Bromofluorobenzene

Concen: 30.681 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102320

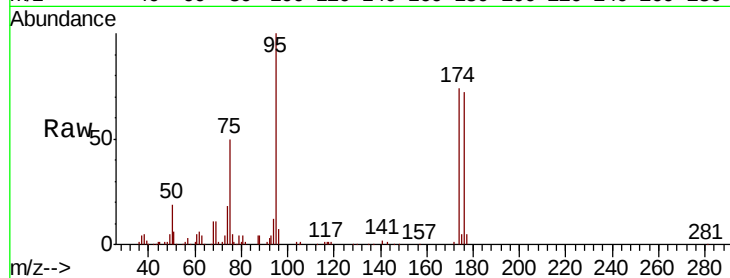
Tot Ion: 95 Resp: 135788

Ion Ratio Lower Upper

95 100

174 71.1 57.9 86.9

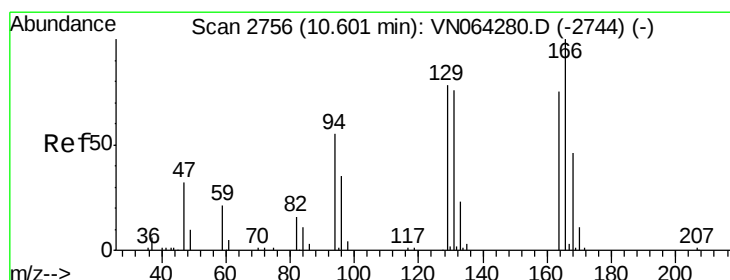
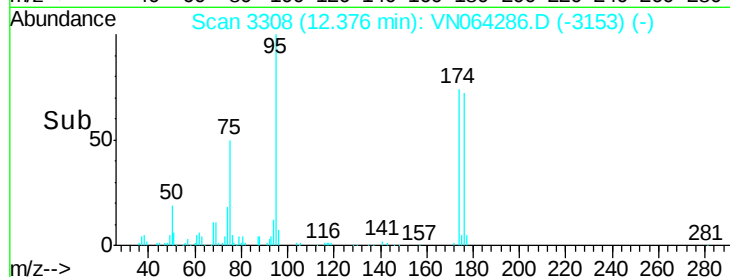
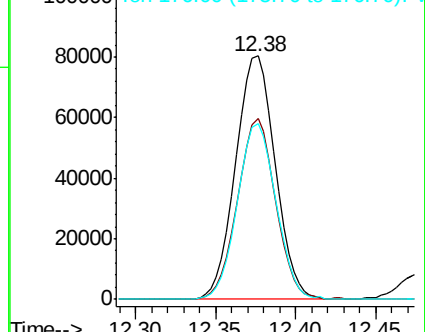
176 70.0 56.7 85.1



Abundance Ion 95.00 (94.70 to 95.70): VN064286.D (-3153) (-)

Ion 174.00 (173.70 to 174.70): VN064286.D (-3153) (-)

Ion 176.00 (175.70 to 176.70): VN064286.D (-3153) (-)



#61

Tetrachloroethene

Concen: 18.720 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Tgt Ion: 164 Resp: 65040

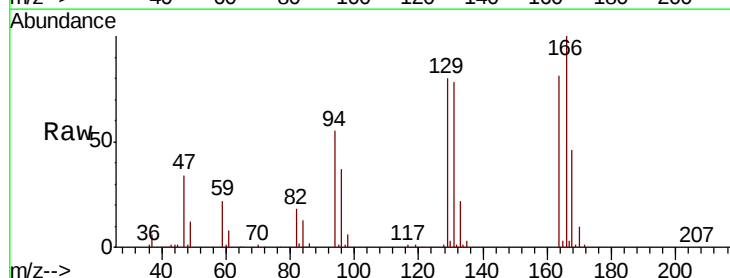
Ion Ratio Lower Upper

164 100

166 122.7 107.4 161.0

129 97.4 84.3 126.5

131 95.3 81.1 121.7

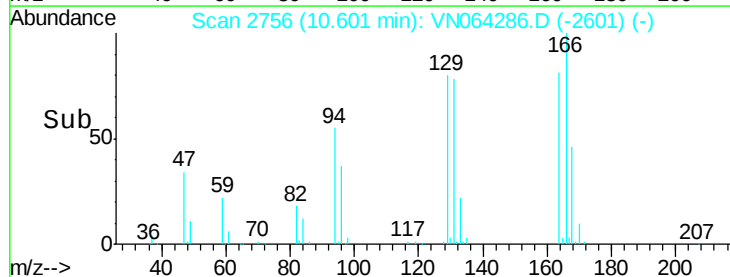
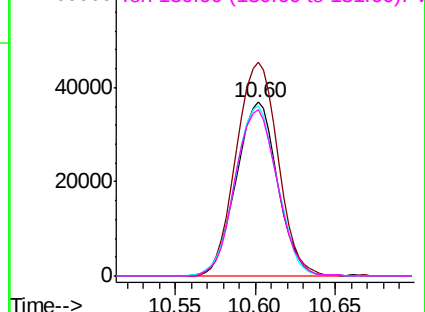


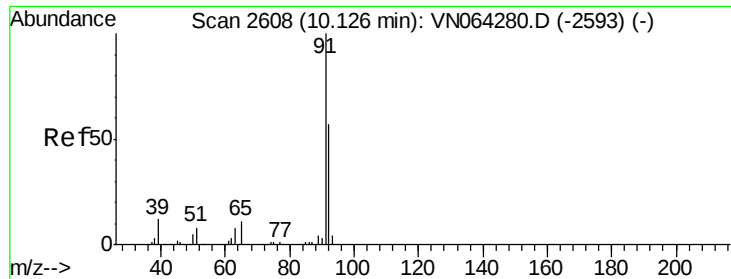
Abundance Ion 163.85 (163.55 to 164.55): VN064286.D (-2601) (-)

Ion 165.80 (165.50 to 166.50): VN064286.D (-2601) (-)

Ion 128.90 (128.60 to 129.60): VN064286.D (-2601) (-)

Ion 130.90 (130.60 to 131.60): VN064286.D (-2601) (-)





#62

Toluene

Concen: 17.849 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

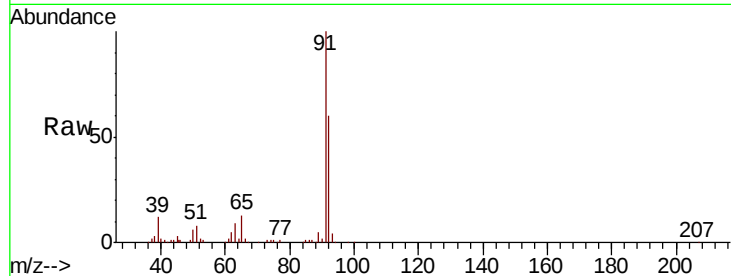
ICVFN102320

Tot Ion: 91 Resp: 255498

Ion Ratio Lower Upper

91 100

92 59.2 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VN064280.D (-2593) (-)

Ion 92.00 (91.70 to 92.70): VN064280.D (-2593) (-)

10.12

150000

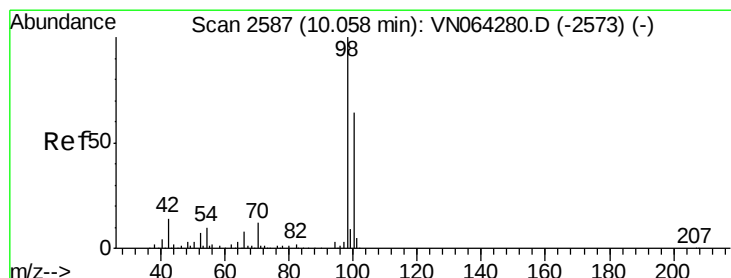
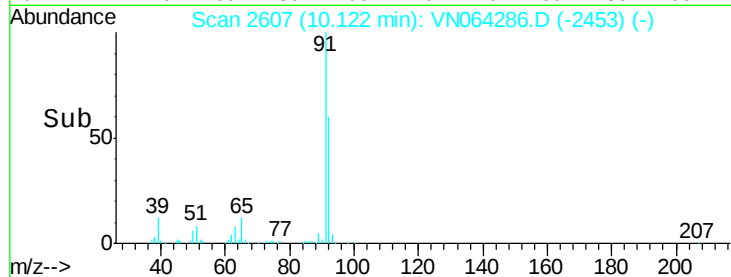
100000

50000

0

10.05 10.10 10.15 10.20

Time-->



#63

Toluene-d8

Concen: 30.116 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064286.D

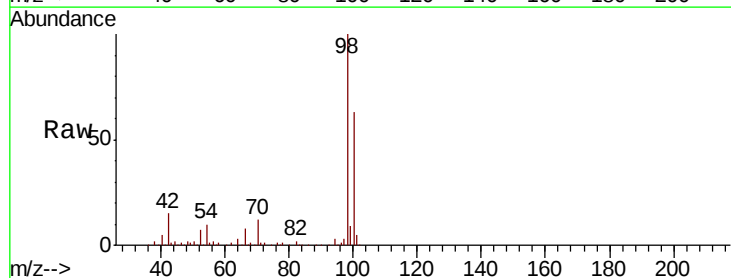
Acq: 23 Oct 2020 14:58

Tgt Ion: 98 Resp: 334718

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064280.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN064280.D (-2573) (-)

10.06

200000

150000

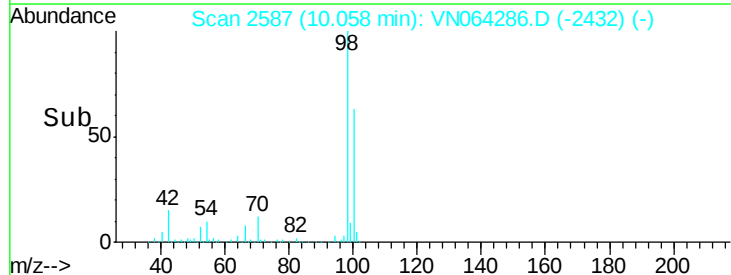
100000

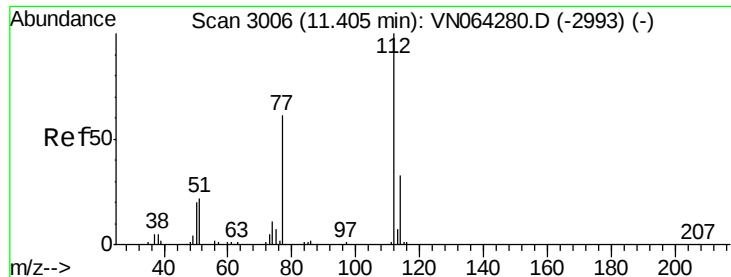
50000

0

10.00 10.05 10.10 10.15

Time-->





#64

Chlorobenzene

Concen: 18.368 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

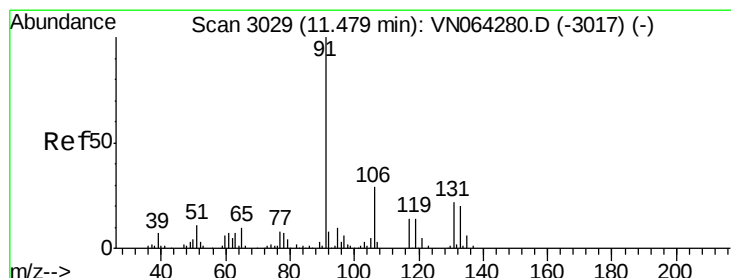
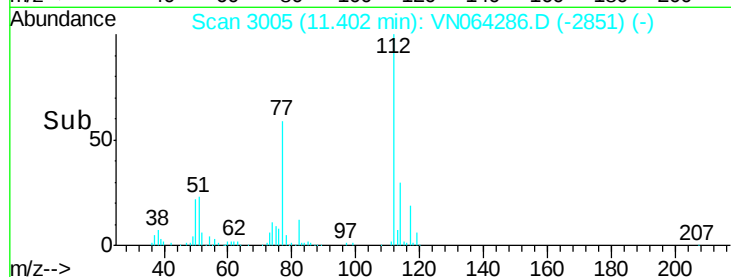
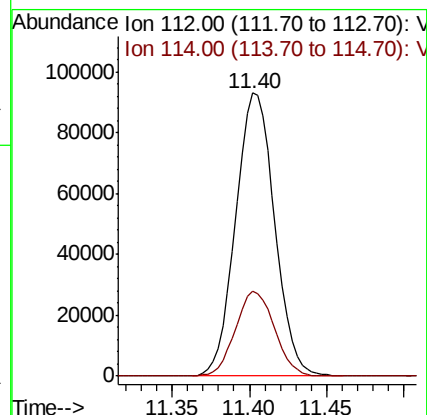
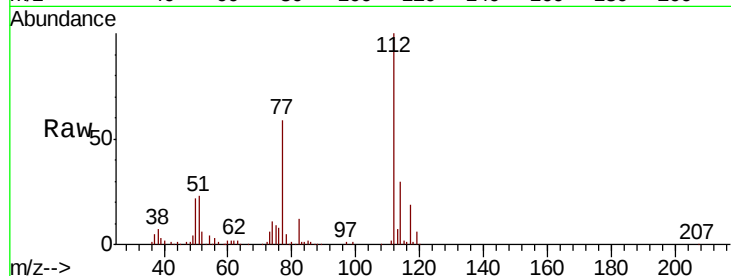
ICVFN102320

Tot Ion:112 Resp: 163099

Ion Ratio Lower Upper

112 100

114 30.0 26.5 39.7



#65

1,1,1,2-Tetrachloroethane

Concen: 17.451 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

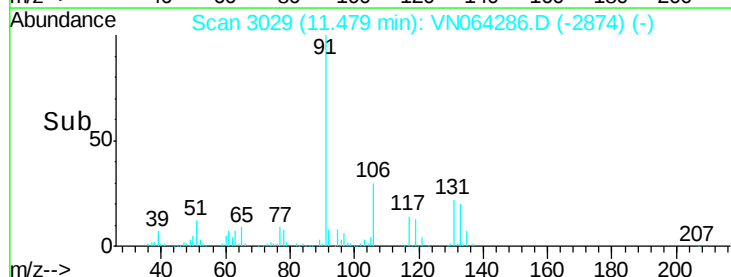
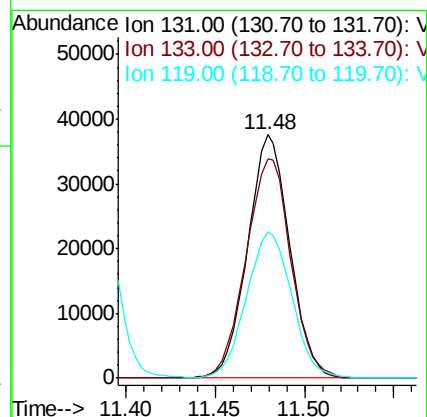
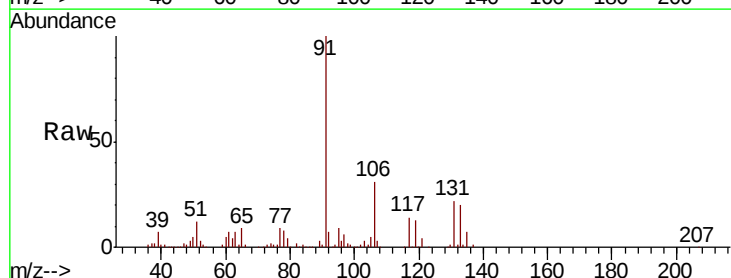
Tgt Ion:131 Resp: 61898

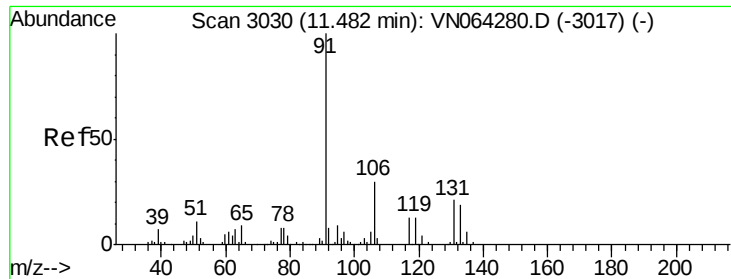
Ion Ratio Lower Upper

131 100

133 96.2 0.0 193.4

119 64.9 0.0 125.2





#66

Ethyl Benzene

Concen: 17.978 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

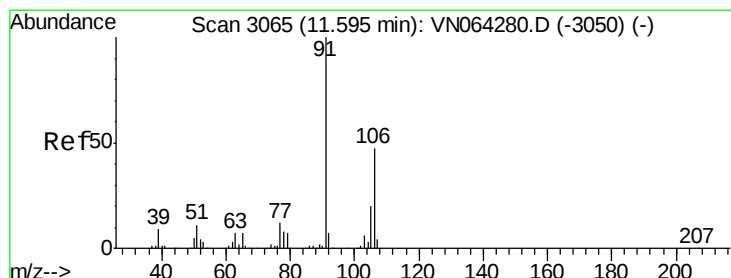
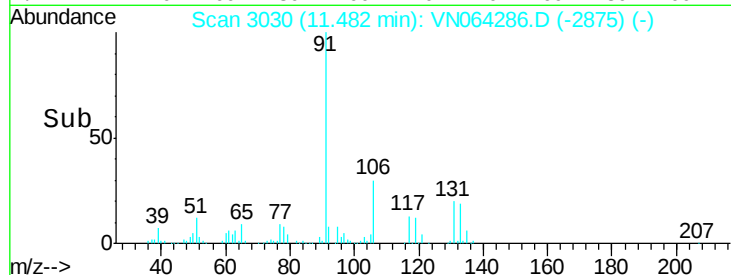
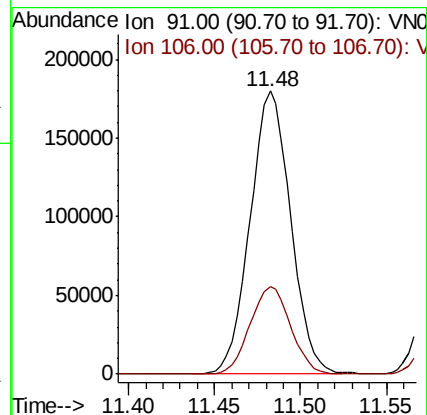
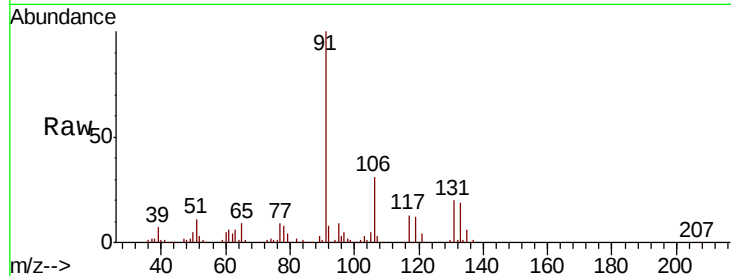
ICVFN102320

Tot Ion: 91 Resp: 295043

Ion Ratio Lower Upper

91 100

106 30.8 23.8 35.6



#67

m/p-Xylenes

Concen: 35.637 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064286.D

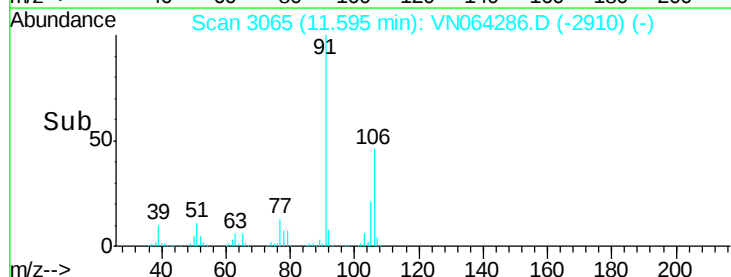
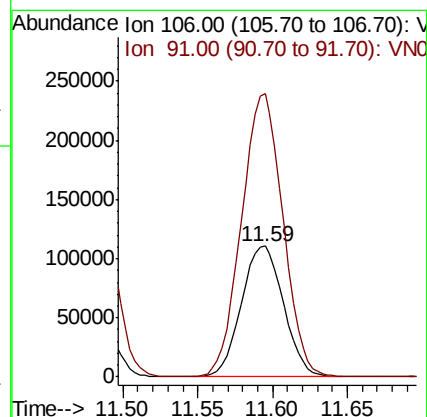
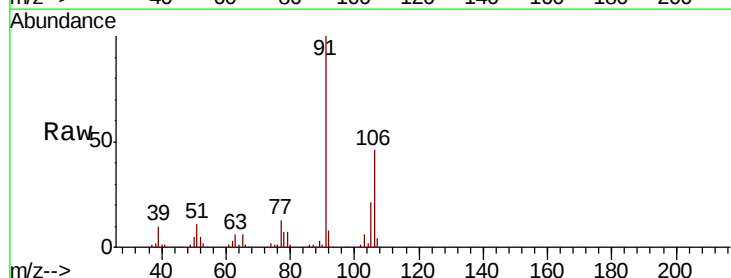
Acq: 23 Oct 2020 14:58

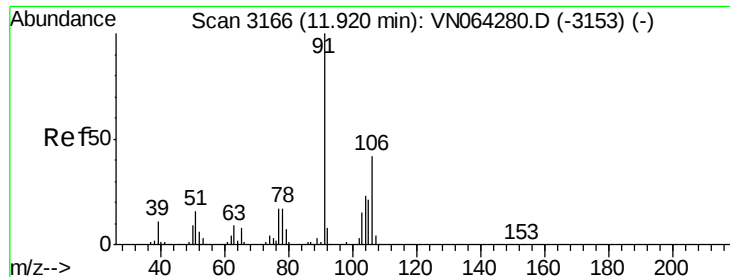
Tgt Ion: 106 Resp: 216882

Ion Ratio Lower Upper

106 100

91 212.8 170.6 255.8

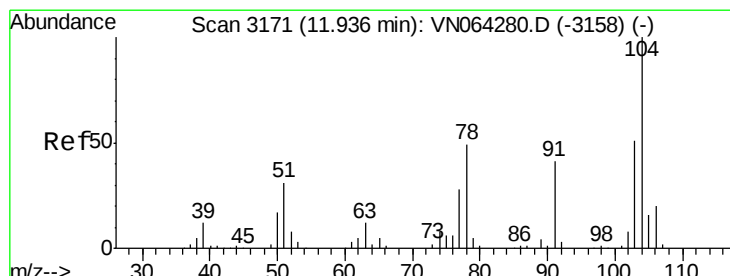
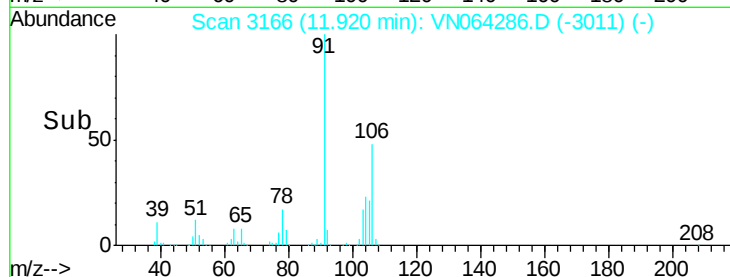
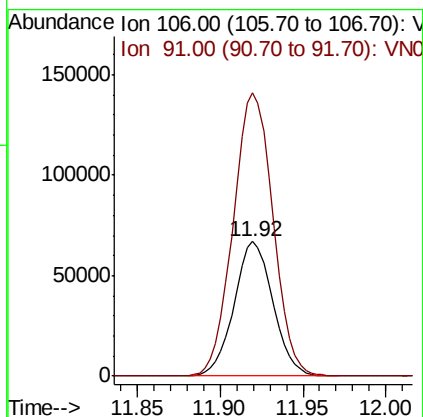
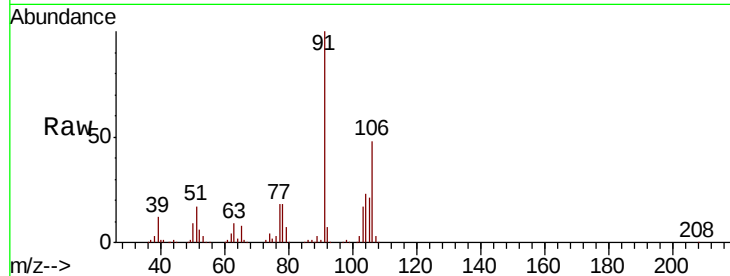




#68
o-Xylene
Concen: 18.512 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

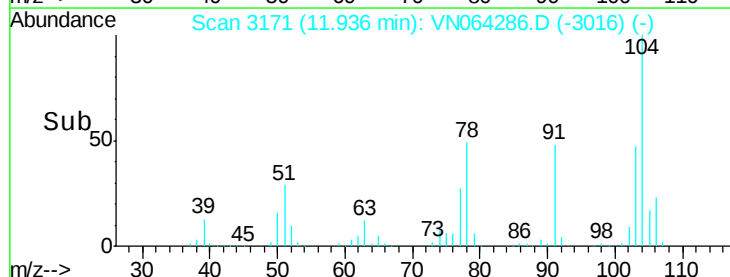
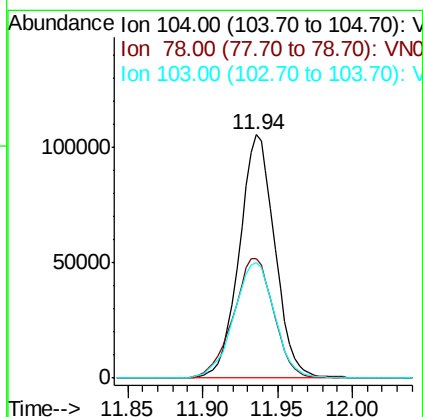
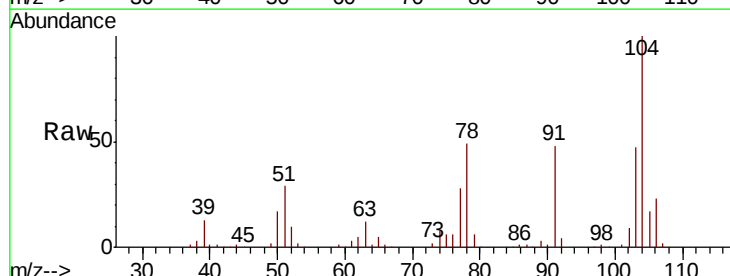
Instrument :
MSVOA_N
ClientSampleId :
ICVFN102320

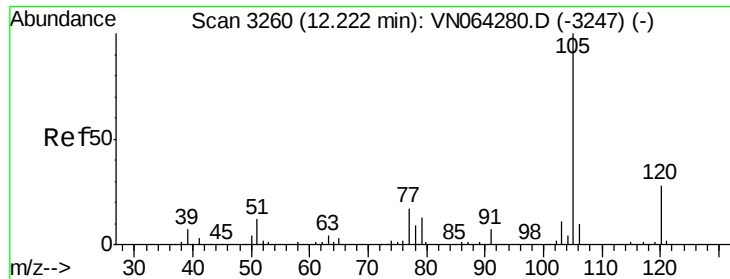
Tot Ion:106 Resp: 109397
Ion Ratio Lower Upper
106 100
91 215.6 115.3 346.0



#69
Styrene
Concen: 17.663 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion:104 Resp: 173793
Ion Ratio Lower Upper
104 100
78 56.1 45.4 68.2
103 54.4 44.6 67.0





#70

Isopropylbenzene

Concen: 17.874 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

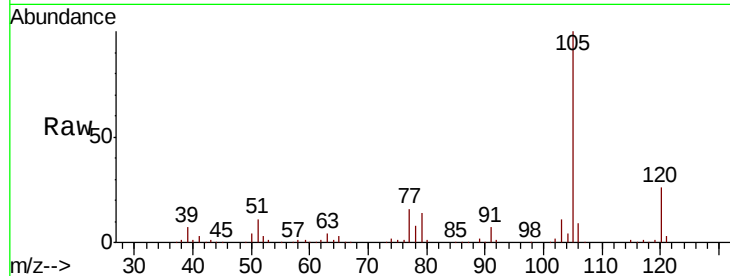
ICVVN102320

Tot Ion:105 Resp: 279251

Ion Ratio Lower Upper

105 100

120 25.9 18.6 34.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

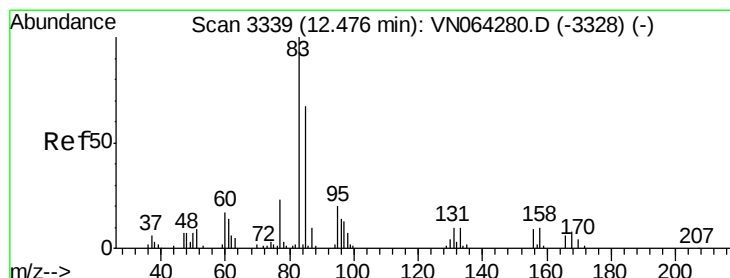
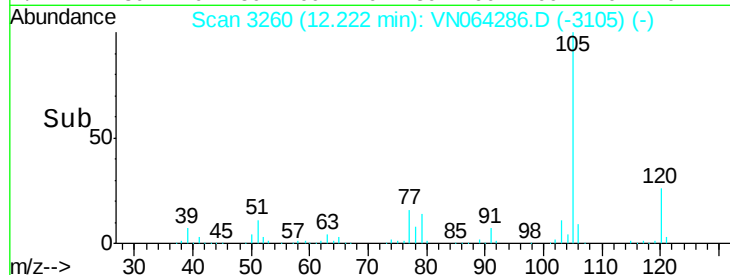
150000

100000

50000

0

Time-->



#71

1,1,2,2-Tetrachloroethane

Concen: 17.806 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

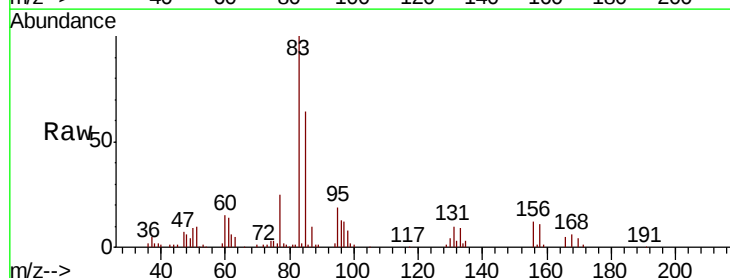
Tgt Ion: 83 Resp: 74623

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 64.4 33.3 99.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VN0

12.48

60000

50000

40000

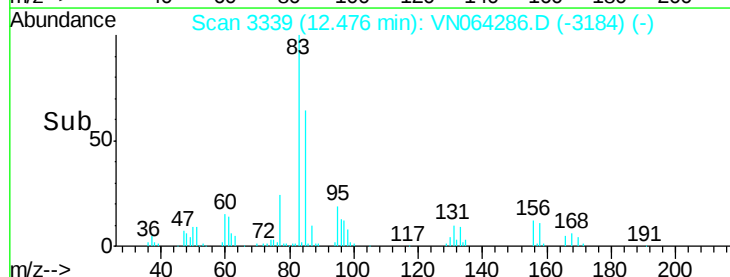
30000

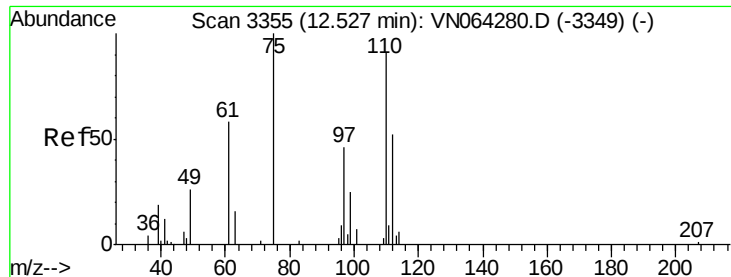
20000

10000

0

Time-->





#72

1,2,3-Trichloropropane

Concen: 26.538 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

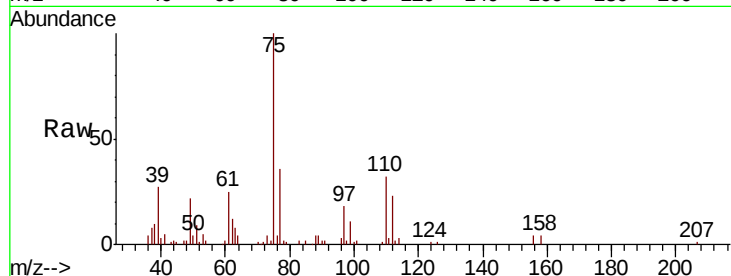
ICVFN102320

Tot Ion: 75 Resp: 115485

Ion Ratio Lower Upper

75 100

77 131.2 0.0 365.2



Abundance Ion 75.00 (74.70 to 75.70): VN064286.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064286.D (-3355) (-)

80000

60000

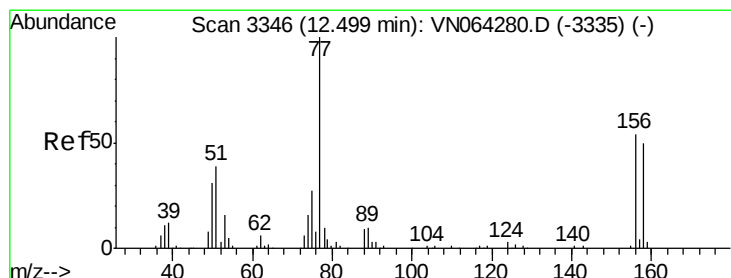
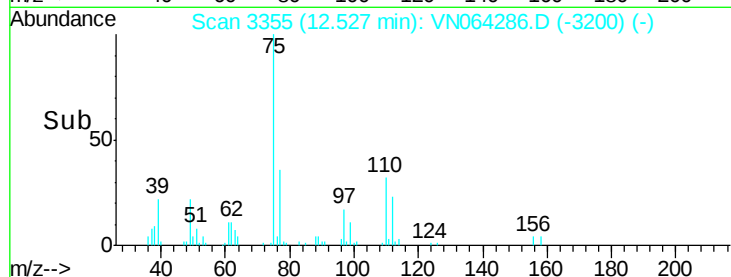
40000

20000

0

12.40 12.50 12.60

Time-->



#73

Bromobenzene

Concen: 17.619 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

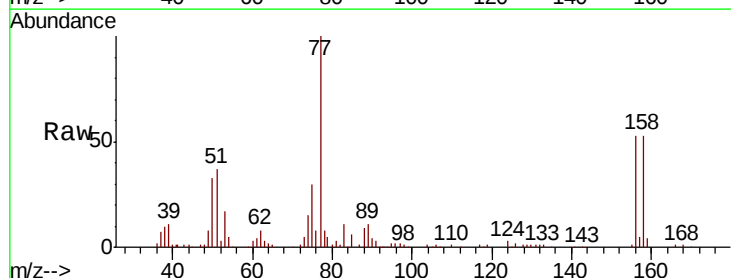
Tgt Ion: 156 Resp: 66960

Ion Ratio Lower Upper

156 100

77 226.3 0.0 450.2

158 100.1 0.0 194.8



Abundance Ion 156.00 (155.70 to 156.70): VN064286.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN064286.D (-3346) (-)

Ion 158.00 (157.70 to 158.70): VN064286.D (-3346) (-)

100000

80000

60000

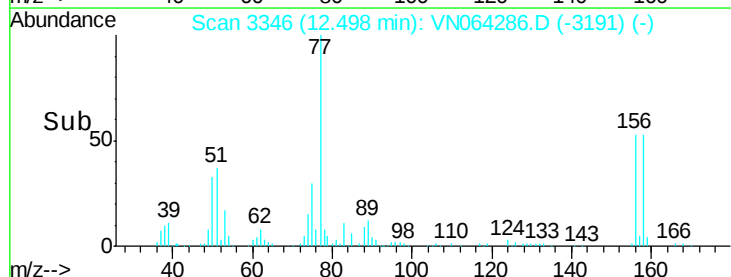
40000

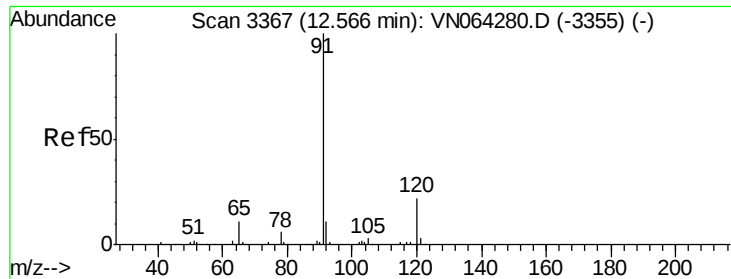
20000

0

12.45 12.50 12.55

Time-->





#74

n-propylbenzene

Concen: 17.879 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

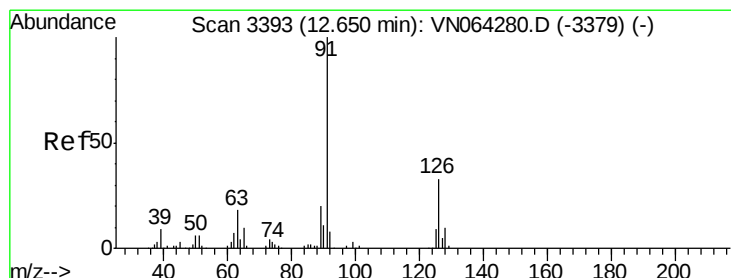
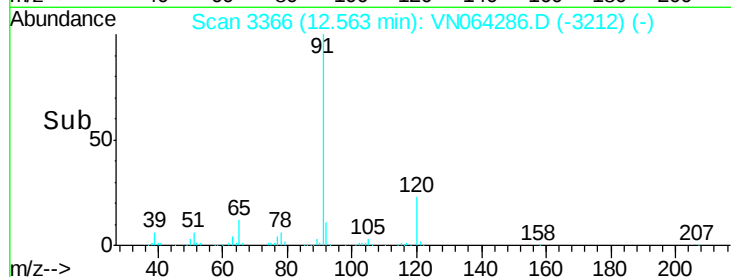
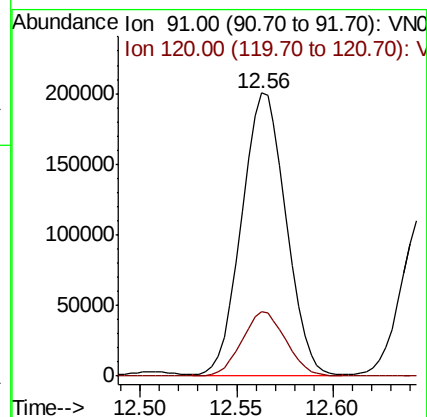
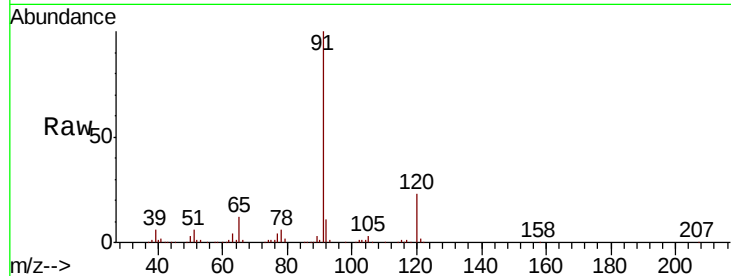
ICVFN102320

Tot Ion: 91 Resp: 320510

Ion Ratio Lower Upper

91 100

120 22.5 0.0 43.6



#75

2-Chlorotoluene

Concen: 17.929 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064286.D

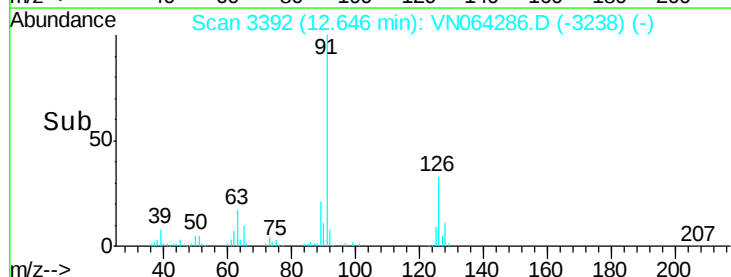
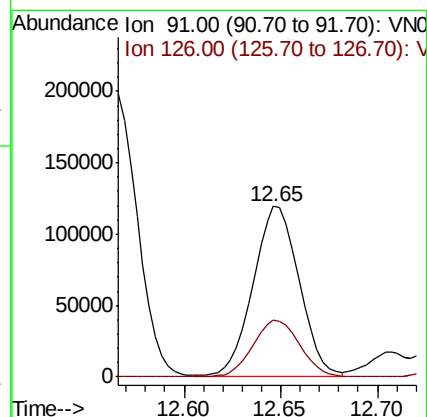
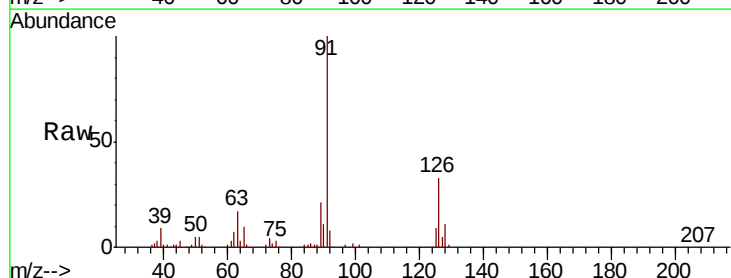
Acq: 23 Oct 2020 14:58

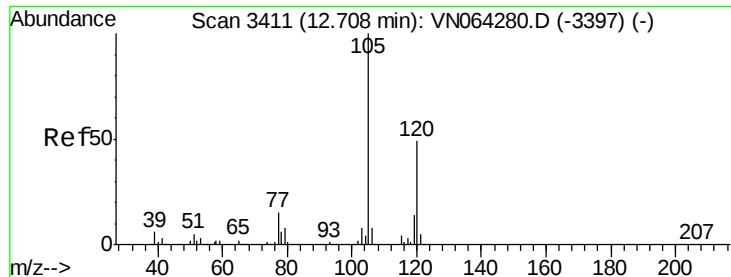
Tgt Ion: 91 Resp: 198460

Ion Ratio Lower Upper

91 100

126 34.2 0.0 62.8

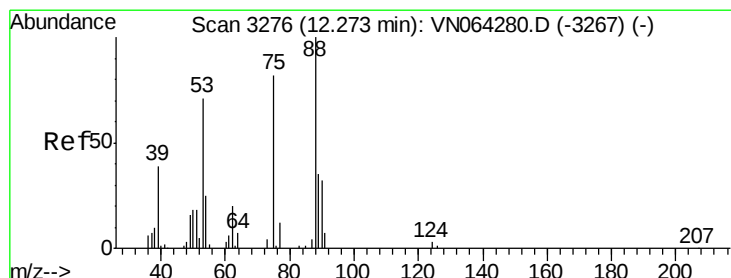
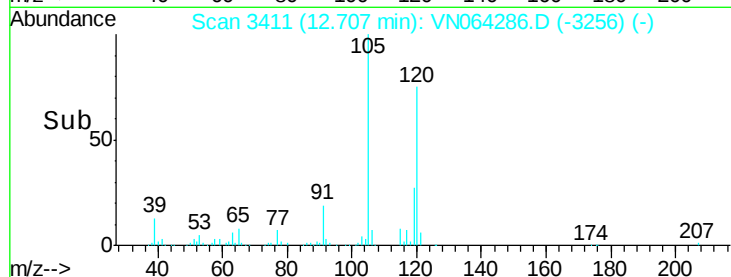
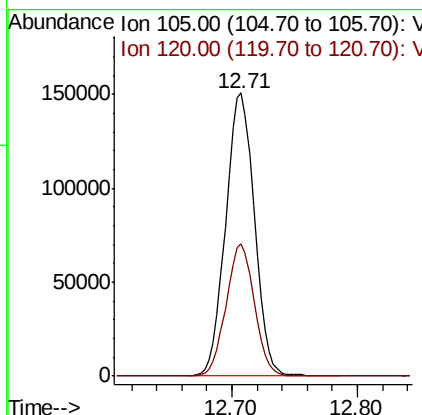
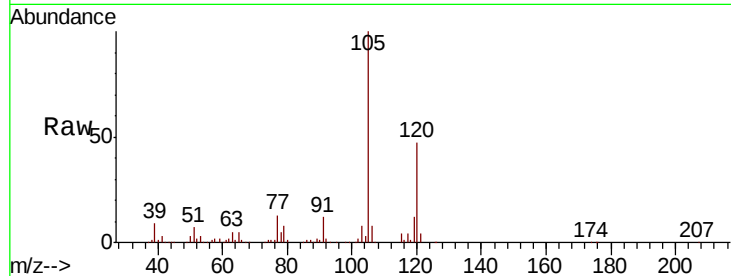




#76
 1,3,5-Trimethylbenzene
 Concen: 18.128 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

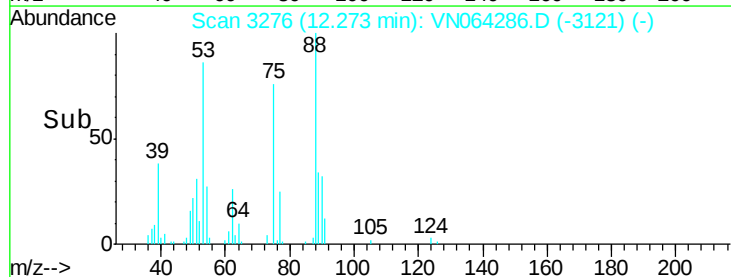
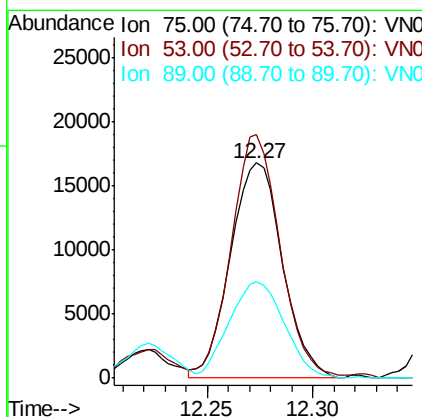
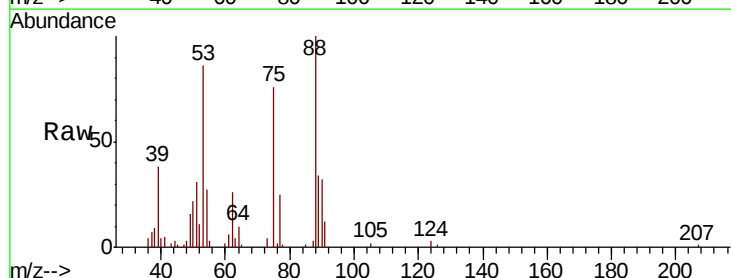
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

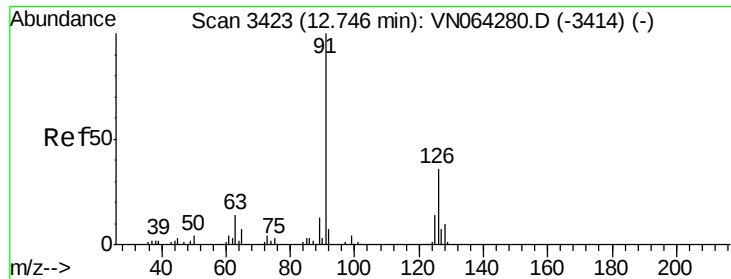
Tot Ion:105 Resp: 240059
 Ion Ratio Lower Upper
 105 100
 120 45.6 0.0 92.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 17.209 ug/l
 RT: 12.27 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion: 75 Resp: 28960
 Ion Ratio Lower Upper
 75 100
 53 111.6 44.8 134.3
 89 44.9 22.2 66.6





#78

4-Chlorotoluene

Concen: 17.830 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

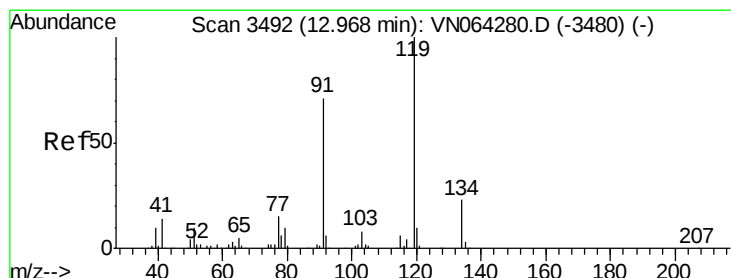
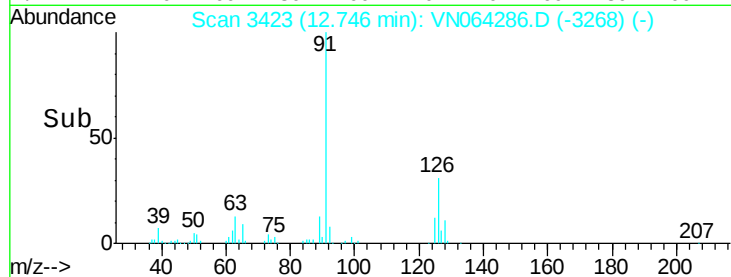
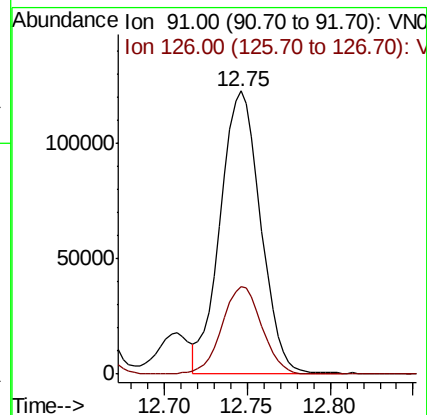
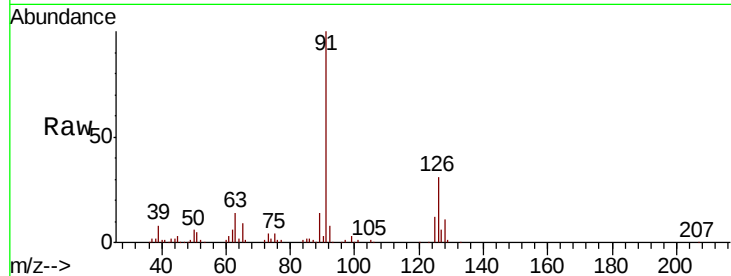
ICVVN102320

Tot Ion: 91 Resp: 205775

Ion Ratio Lower Upper

91 100

126 31.0 0.0 62.2



#79

tert-butylbenzene

Concen: 18.034 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

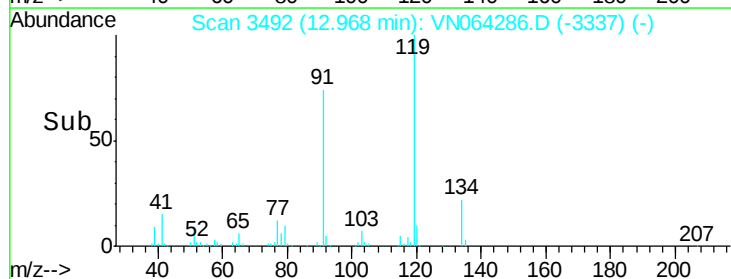
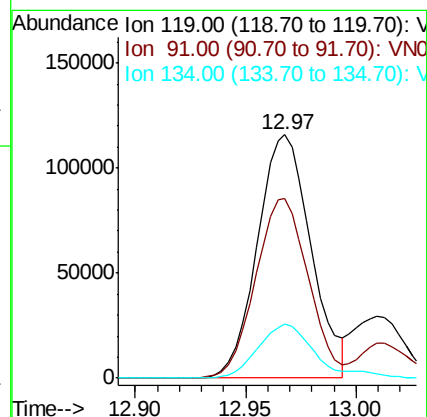
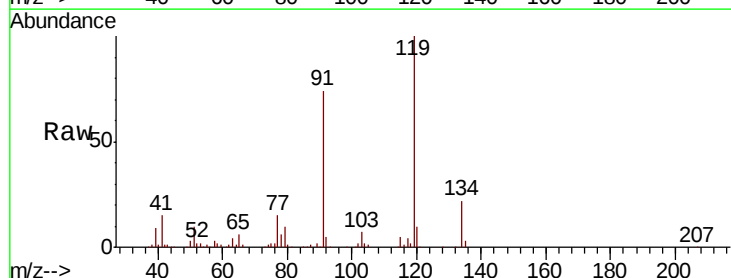
Tgt Ion: 119 Resp: 195161

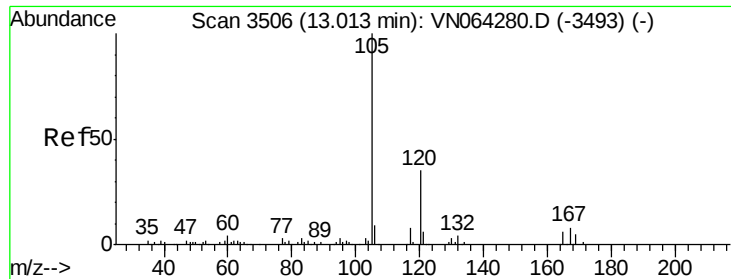
Ion Ratio Lower Upper

119 100

91 72.5 0.0 140.0

134 22.3 0.0 45.8

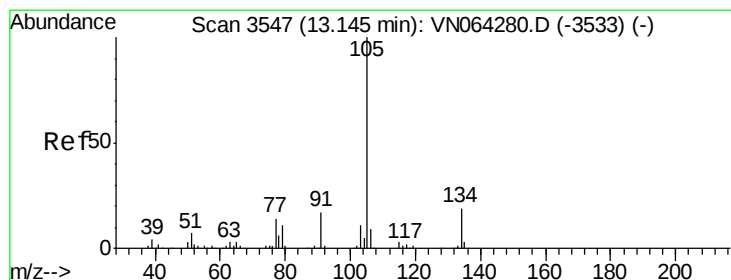
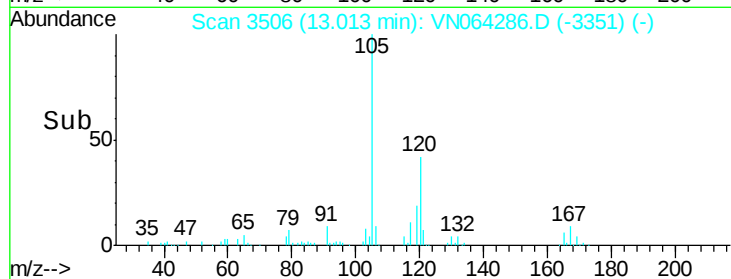
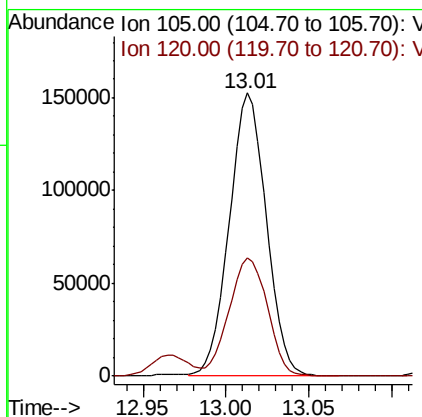
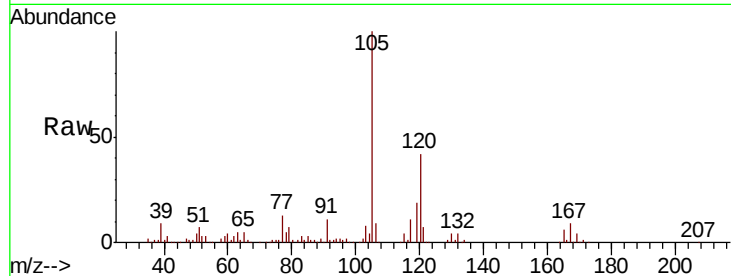




#80
 1,2,4-Trimethylbenzene
 Concen: 17.554 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

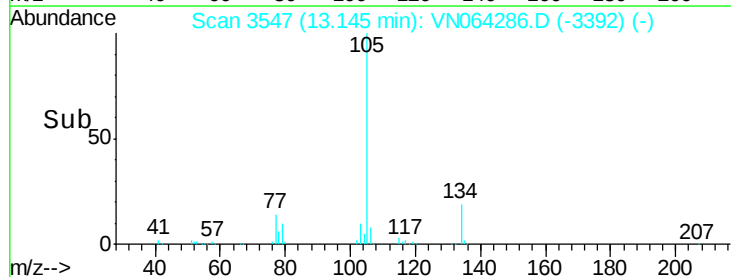
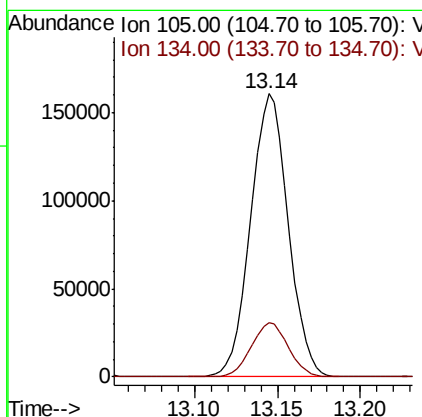
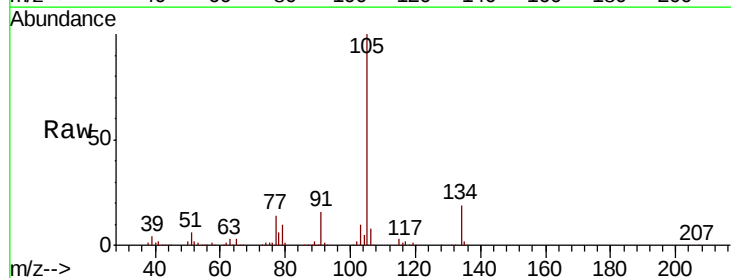
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

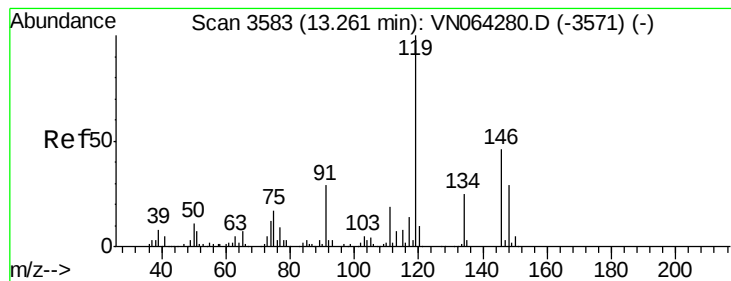
Tot Ion:105 Resp: 235913
 Ion Ratio Lower Upper
 105 100
 120 43.9 0.0 87.4



#81
 sec-Butylbenzene
 Concen: 18.007 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Tgt Ion:105 Resp: 252970
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 36.8





#82

p-Isopropyltoluene

Concen: 18.163 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102320

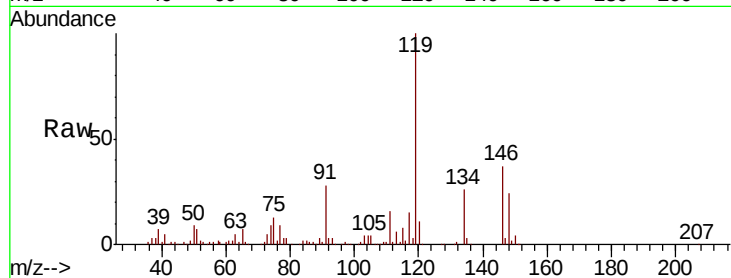
Tot Ion:119 Resp: 234153

Ion Ratio Lower Upper

119 100

134 25.1 0.0 47.8

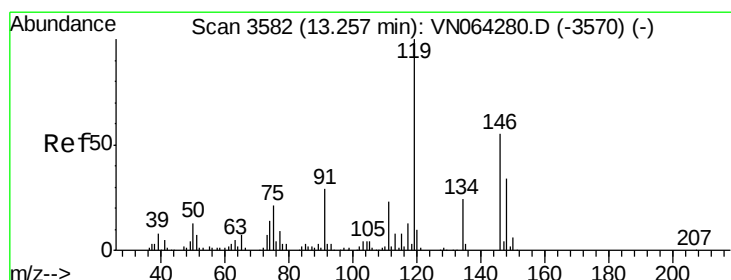
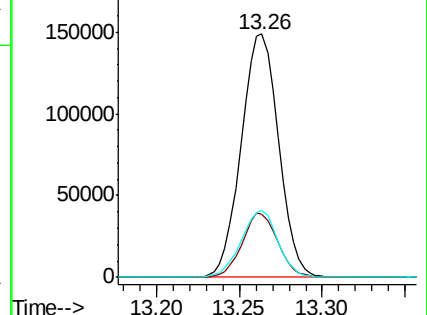
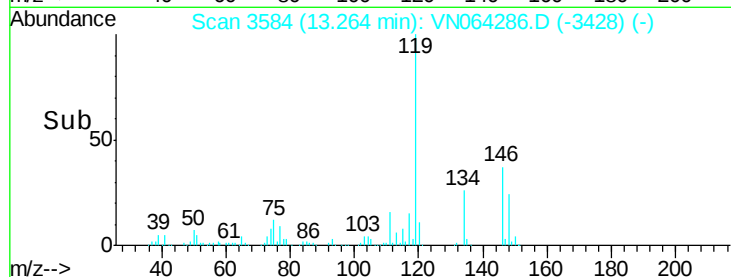
91 27.1 0.0 55.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#83

1,3-Dichlorobenzene

Concen: 17.730 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

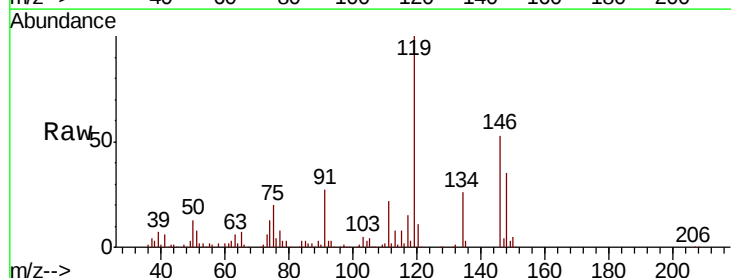
Tgt Ion:146 Resp: 118855

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.5

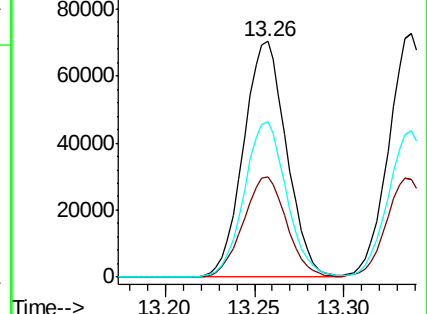
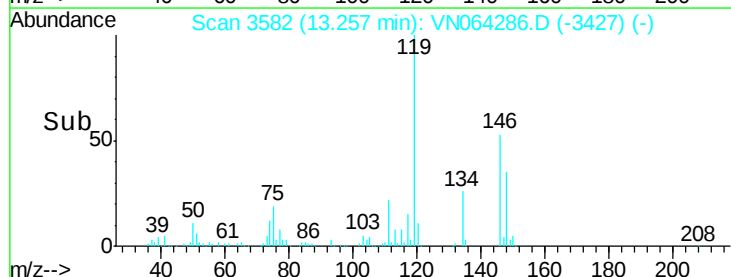
148 64.8 31.9 95.5

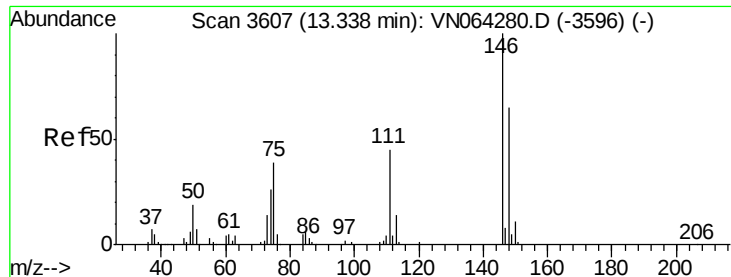


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#84

1,4-Dichlorobenzene

Concen: 16.984 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102320

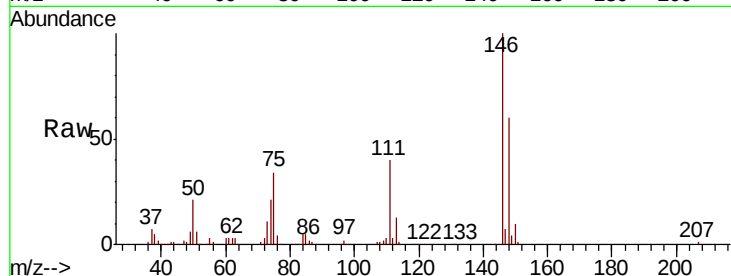
Tot Ion:146 Resp: 115933

Ion Ratio Lower Upper

146 100

111 42.7 20.3 61.0

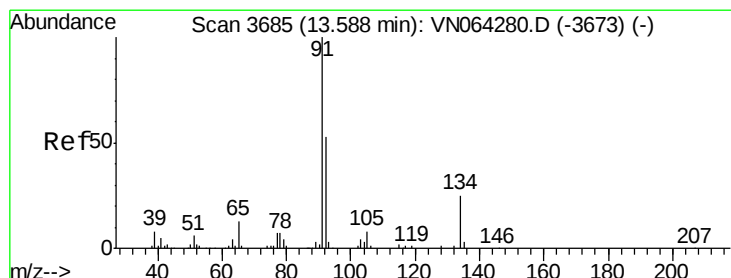
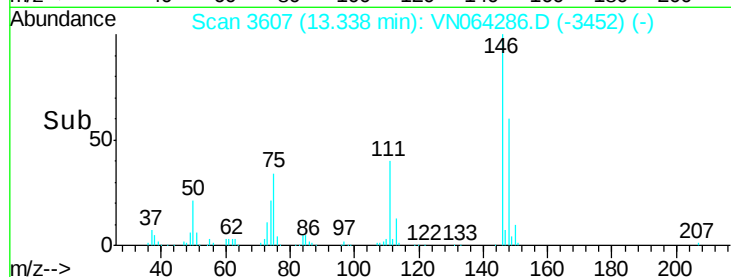
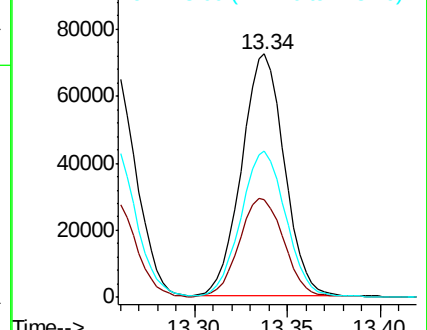
148 62.8 31.4 94.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 18.106 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

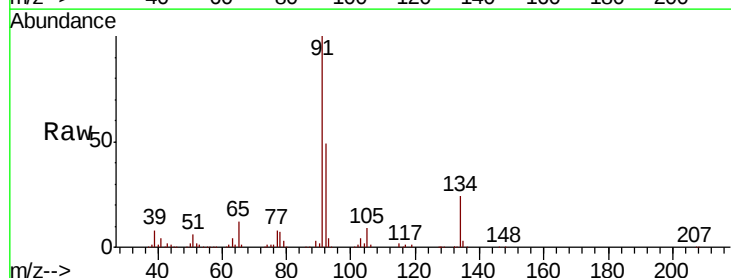
Tgt Ion: 91 Resp: 205401

Ion Ratio Lower Upper

91 100

92 50.2 0.0 110.0

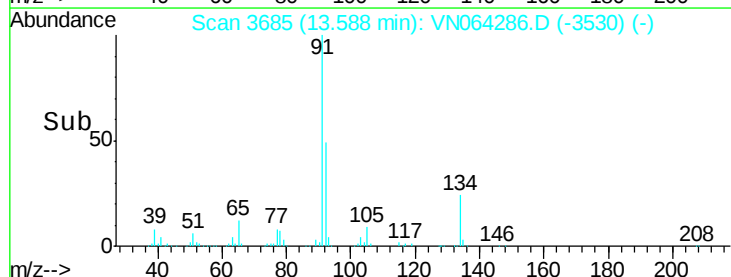
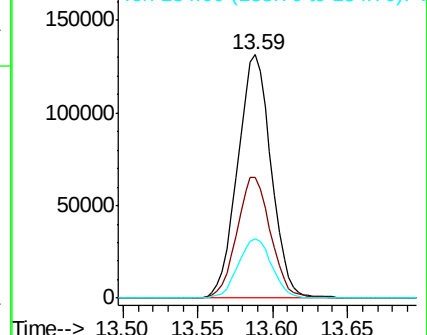
134 24.3 0.0 51.6

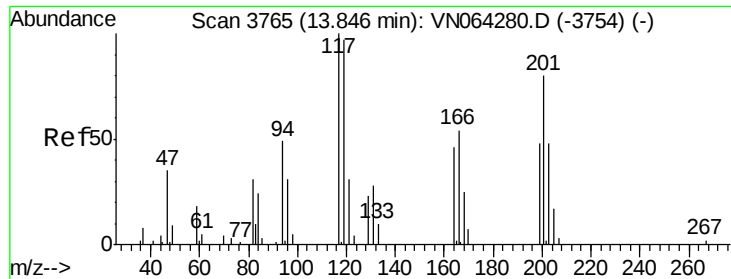


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

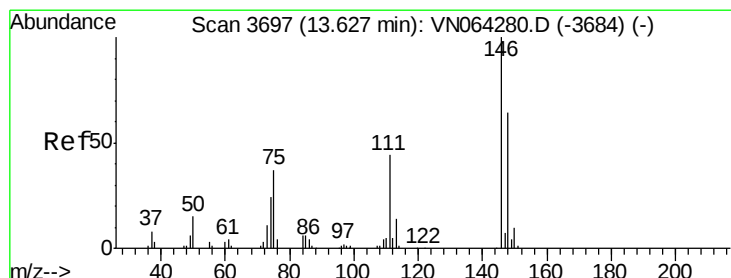
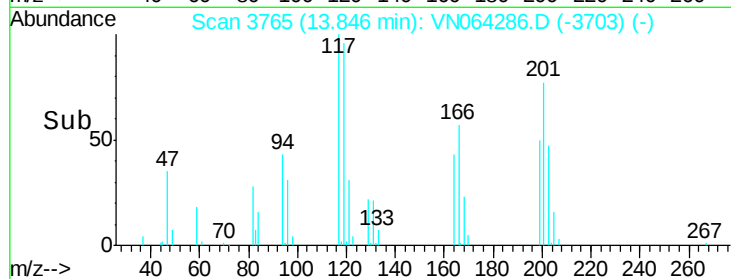
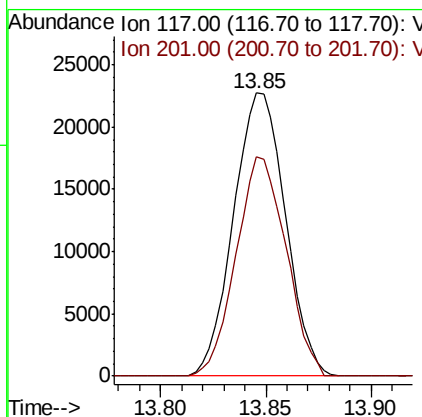
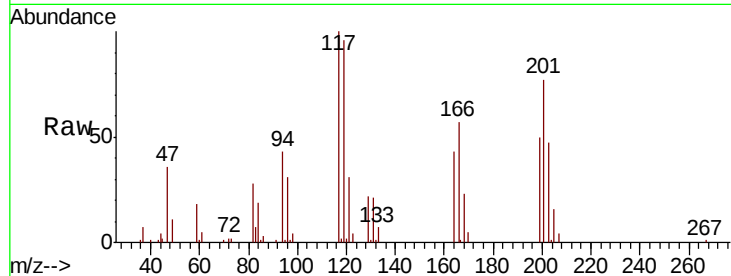




#86
Hexachloroethane
Concen: 17.883 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

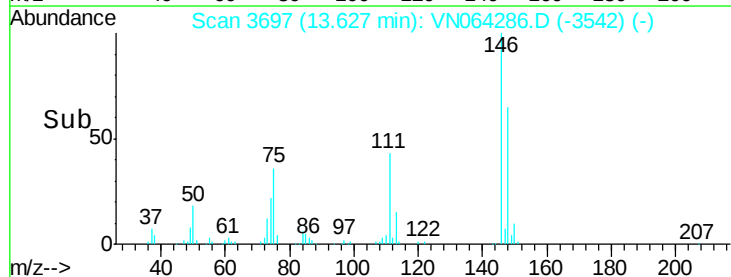
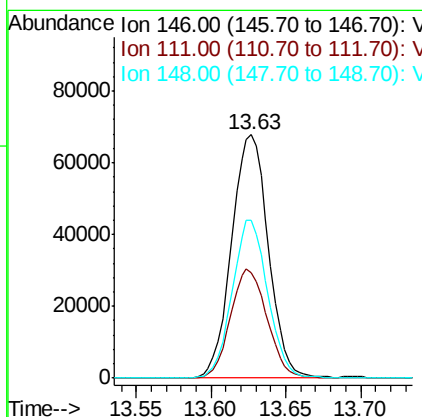
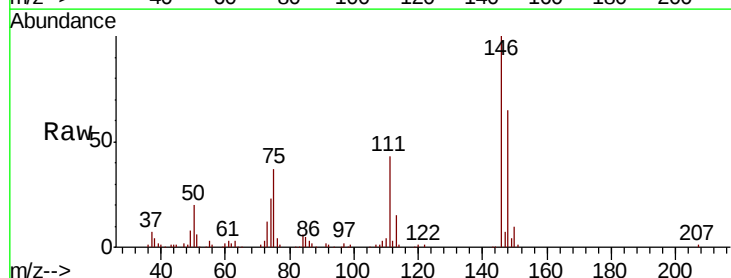
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102320

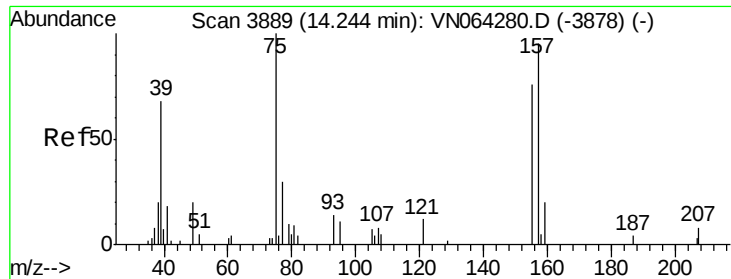
Tot Ion:117 Resp: 38929
Ion Ratio Lower Upper
117 100
201 74.4 37.2 111.6



#87
1,2-Dichlorobenzene
Concen: 17.751 ug/l
RT: 13.63 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN064286.D
Acq: 23 Oct 2020 14:58

Tgt Ion:146 Resp: 116102
Ion Ratio Lower Upper
146 100
111 44.5 23.1 69.3
148 62.9 32.3 96.8





#88

1,2-Dibromo-3-Chloropropane

Concen: 17.393 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampled :

ICVVN102320

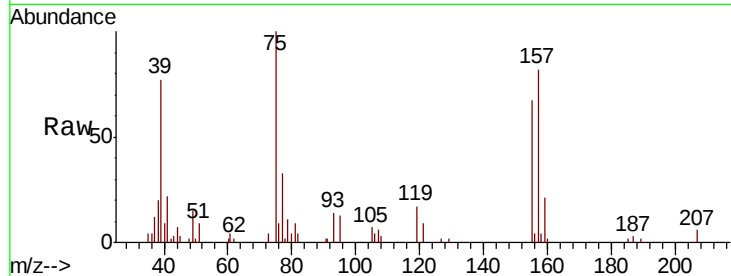
Tot Ion: 75 Resp: 17762

Ion Ratio Lower Upper

75 100

155 65.8 56.6 84.8

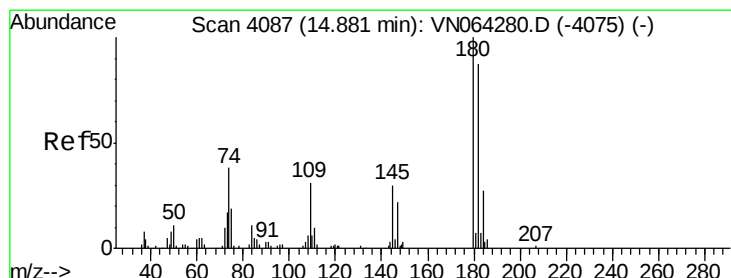
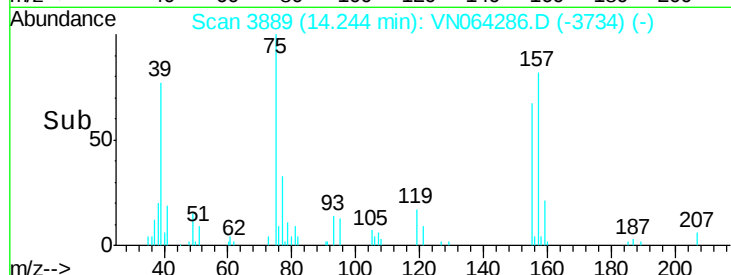
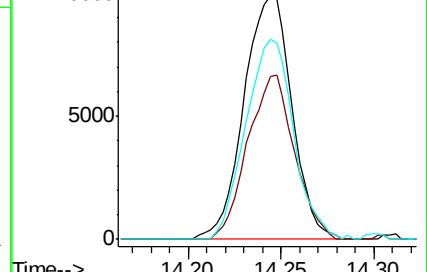
157 81.8 70.1 105.1



Abundance Ion 75.00 (74.70 to 75.70): VN064286.D (-3878) (-)

Ion 155.00 (154.70 to 155.70): VN064286.D (-3878) (-)

Ion 157.00 (156.70 to 157.70): VN064286.D (-3878) (-)



#89

1,2,4-Trichlorobenzene

Concen: 16.601 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

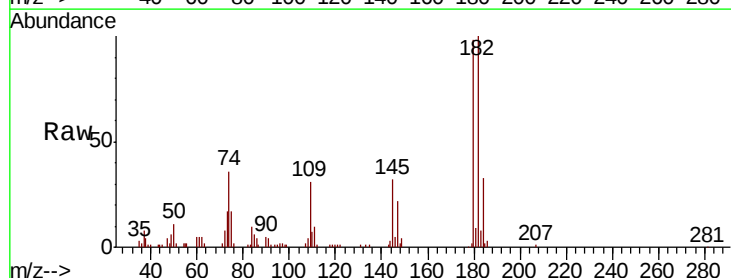
Tgt Ion: 180 Resp: 61939

Ion Ratio Lower Upper

180 100

182 98.3 71.3 106.9

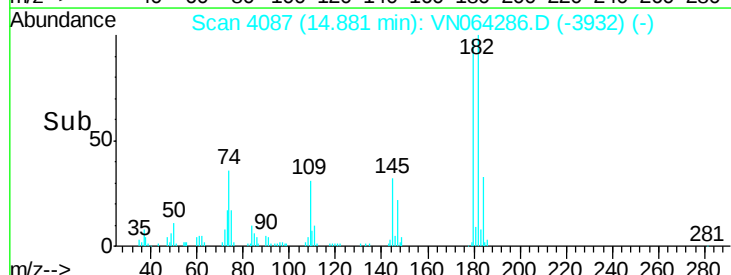
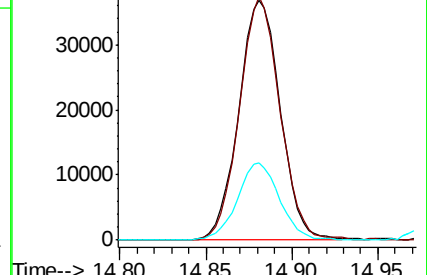
145 32.7 23.9 35.9

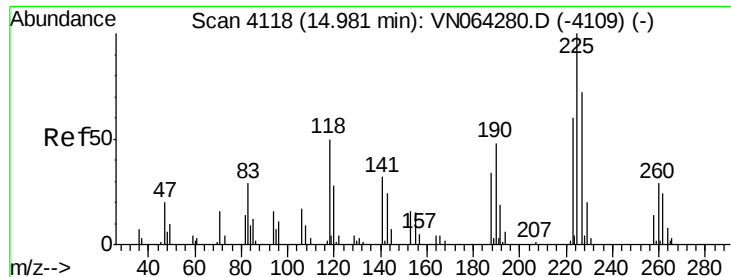


Abundance Ion 180.00 (179.70 to 180.70): VN064286.D (-4075) (-)

Ion 182.00 (181.70 to 182.70): VN064286.D (-4075) (-)

Ion 145.00 (144.70 to 145.70): VN064286.D (-4075) (-)





#90

Hexachlorobutadiene

Concen: 18.394 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102320

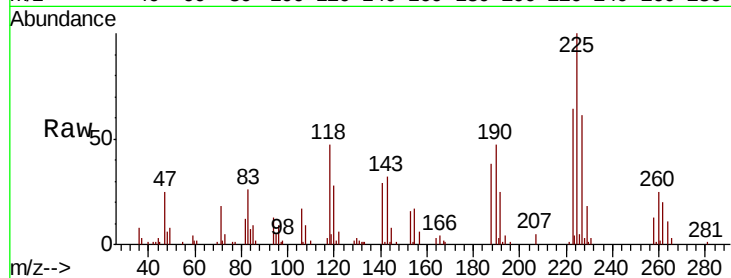
Tot Ion:225 Resp: 37579

Ion Ratio Lower Upper

225 100

223 64.7 0.0 129.8

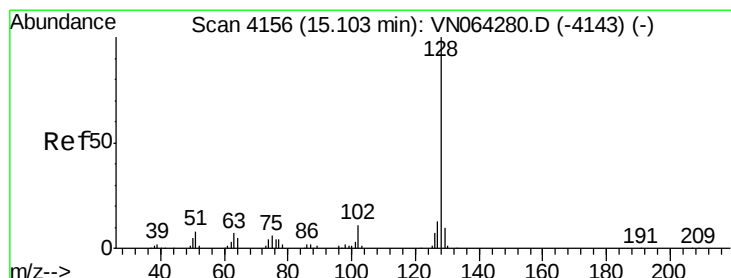
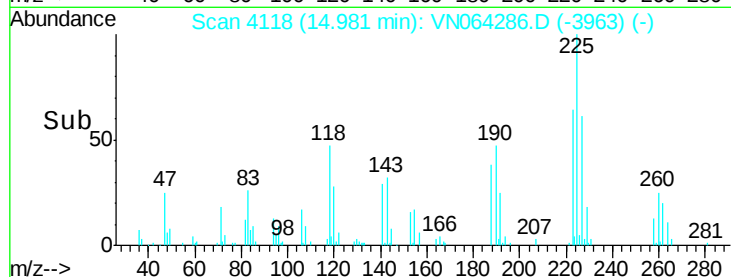
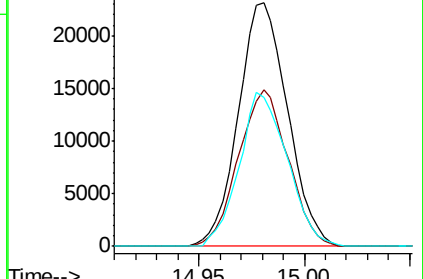
227 61.7 0.0 128.6



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 16.947 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064286.D

Acq: 23 Oct 2020 14:58

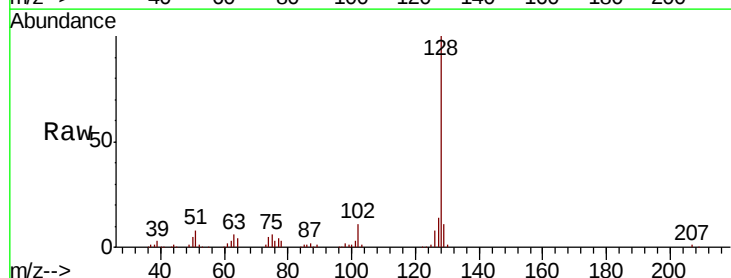
Tgt Ion:128 Resp: 184908

Ion Ratio Lower Upper

128 100

127 13.9 9.9 14.9

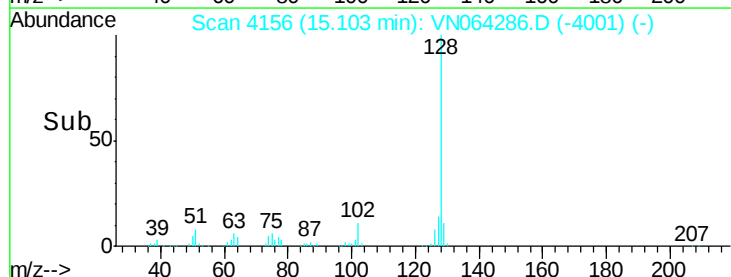
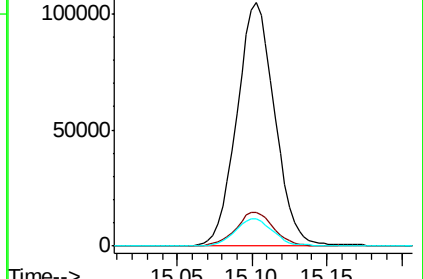
129 10.9 8.3 12.5

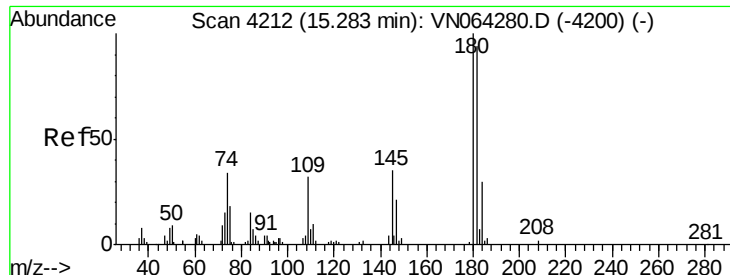


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#92
 1,2,3-Trichlorobenzene
 Concen: 16.681 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN064286.D
 Acq: 23 Oct 2020 14:58

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102320

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	0.0	188.8
145	36.6	0.0	70.0

